



NPWD
SCHEDULE OF RATES 2021
ROADS & BRIDGES
Volume- II



NPWD
SCHEDULE OF RATES 2021
ROADS & BRIDGES
Volume- II

FOREWORD

The Nagaland Public Works Department has updated the Schedule of Rates (SoR) for Road and Building works in two separate volumes for the convenience of all. Due to fluctuations in the costs of materials for the construction of roads, bridges and building works, every effort has been made to analyze the present rates.

The revised Schedule of Rates have been worked out using the computer program based on the STANDARD DATA BOOK FOR ANALYSIS OF RATES (Second Revision) published by IRC on behalf of the Govt. of India, Ministry of Shipping, Road Transport & Highways, New Delhi and the CPWD Analysis of Rates for Building Works 2019. Both the analysis books have been revised and updated by the competent authorities taking into consideration the technological up-gradation, increased level of mechanization, etc especially in the roads sector.

In accordance with the analysis taken into consideration by the MoRTH, keeping in view the size of the project and type of machineries being used for various works in the road and bridge sector, rate analysis have been worked out under three categories of projects classified as Small projects (Civil cost less than Rs. 200 Cr), Medium Projects (Civil cost greater than Rs. 200 Cr and less than Rs. 500 Cr) and Large Project (Civil cost greater than Rs. 500 Cr). Further, the output efficiency of machineries and labour has been considered depending upon the type of terrain like plain, rolling and hilly.

The basic rates of Materials/ Items have been considered and analysed for all the District Headquarters considering the present price in and around the nearest market / availability. The wages for skilled and unskilled laborers are based on the average market rate in Nagaland. The rates arrived is inclusive of the GST of 12% and Labour Cess of 1%.

Since the previous Schedule of Rates, for a more practical application, multiplication factor of Administrative blocks with respect to its District Headquarter has been introduced. These factors have been introduced for certain major items of work which are not locally available. These Items have been indicated as 'MF' in front of the item description. This was computed taking into account the remoteness and accessibility of the place from marketing centers of building materials, difficulties and costs involved in transportation of materials and the adverse road conditions.

In addition to the SoR, this book also contains other useful engineering and construction data, Plinth Area Rates which has been appended herewith.

All possible precaution have been taken in the publication of this SoR. However, if any is observed, it may kindly be brought to the notice of the undersigned. Any other suggestions for the improvement of the schedule will be thankfully acknowledged.

For items not covered by the Schedule of Rates 2021, the analysis of rate of those items should be prepared as per the market rate and approved by the respective Chief Engineers before being included in the estimates.

The Schedule of Rates 2021 will be effective for all works with effect from 01.11.2021

Kohima, Nagaland



(Er. K. THEUNUO)

Engineer-in-Chief
Nagaland Public Works Department
Nagaland, Kohima

PREFACE

The rates in the schedule will apply to any category of work that may arise in construction and maintenance of the buildings undertaken by Nagaland Public Works Department (NPWD) throughout the state of Nagaland.

The Multiplication factor has been indicated below in ANNEXURE-I. This will be applicable for preparing the estimates of works to be executed in the respective administrative blocks. During the preparation of the estimates, the multiplication factor should be considered for the applicable items as indicated in the SoR. This will be calculated taking the rate of the district as the base rate. The rate as applicable in the Administrative block where the work is to be carried out will be arrived at by multiplying the base rate with the respective multiplication factor.

This factor is applicable for estimate purpose only and not for the purpose of tendering and billing.

The Engineer-in-Chief, NPWD is the final deciding authority for the interpretation and implication of various provision made in the schedule of items, analysis of rates and specification. His decision shall be final conclusive and binding on all concern.

Kohima, Nagaland



(Er. K. THEUNUO)
Engineer-in-Chief
Nagaland Public Works Department
Nagaland, Kohima

TABLE OF CONTENTS		
Road Works		
CHAPTER	DESCRIPTION	PAGE NO.
2.0	Site Clearance	1
3.0	Earth Work, Erosion Control & Drainage	30
4.0	Sub-Bases, Bases (Non-Bituminous) & Shoulders	72
5.0	Bases and Surface Courses (Bituminous)	117
6.0	Cement Concrete Pavements	163
7.0	Geosynthetics and Reinforced Earth	181
8.0	Traffic Signs, Markings & Other Road Appurtenances	229
9.0	Pipe Culverts	331
10.0	Maintenance of Roads	343
11.0	Horticulture	361
12.0	Foundations	385
13.0	Sub-Structure	499
14.0	Super-Structure	523
15.0	Box Cell Structures	565
16.0	River Training & Protection Works	595
17.0	Repair and Rehabilitation	612
18.0	Tunnel Work	625
19.0	Environmental Management	637

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			02 : SITE CLEARANCE													
B 2.01	A		Cutting of trees, trunks and branches excluding removal of stumps and roots of trees and stacking of serviceable material with all lifts and up to a lead of 1000 mtrs													
	(i)		Girth from 300 mm to 600 mm	Nos	673.30	652.60	629.00	527.20	508.80	487.70	673.30	652.60	629.00	527.20	508.80	487.70
	(ii)		Girth from 600 mm to 900 mm	Nos	1041.60	966.70	928.70	822.40	751.10	716.70	1041.60	966.70	928.70	822.40	751.10	716.70
	(iii)		Girth from 900 mm to 1800 mm	Nos	2121.40	2028.80	1973.10	1634.30	1549.70	1502.00	2121.40	2028.80	1973.10	1634.30	1549.70	1502.00
	(iv)		Girth above 1800 mm	Nos	4242.80	4045.30	3921.50	3268.50	3087.10	2979.20	4242.80	4045.30	3921.50	3268.50	3087.10	2979.20
B 2.01	B		Removal of stumps, roots, stacking of serviceable material with all lifts and up to a lead of 1000 meters and earth filling in the depression/pit.													
	(i)		Girth from 300 mm to 600 mm	Nos	684.20	701.10	728.90	672.10	689.30	717.30	684.20	701.10	728.90	672.10	689.30	717.30
	(ii)		Girth from 600 mm to 900 mm	Nos	694.70	701.10	730.60	682.70	689.30	719.00	694.70	701.10	730.60	682.70	689.30	719.00
	(iii)		Girth from 900 mm to 1800 mm	Nos	692.90	701.10	731.20	680.80	689.30	719.60	692.90	701.10	731.20	680.80	689.30	719.60
	(iv)		Girth above 1800 mm	Nos	690.20	701.10	728.00	678.20	689.30	716.30	690.20	701.10	728.00	678.20	689.30	716.30
B 2.02			Clearing Grass and Removal of Rubbish													
			Clearing grass and removal of rubbish up to a distance of 50 meters outside the periphery of the area.													
	1		By Manual Means	Hectare	48596.10	47799.40	47002.80	36538.40	35939.40	35340.40	48596.10	47799.40	47002.80	36538.40	35939.40	35340.40
B 2.03			Clearing and Grubbing Road Land													
			Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned up to a lead of 1000 meters including removal and disposal of top organic soil not exceeding 150 mm in thickness.													
	(i)		By Manual Means"													
	A		In area of light jungle	Hectare	152143.50	149649.30	147155.20	115970.50	114069.30	112168.10	152143.50	149649.30	147155.20	115970.50	114069.30	112168.10
	B		In area of thorny jungle	Hectare	200739.60	197448.80	194158.00	152508.90	150008.70	147508.60	200739.60	197448.80	194158.00	152508.90	150008.70	147508.60
	(ii)		By Mechanical Means using Dozer													
	A		In area of light jungle	Hectare	79847.00	63360.80	66660.00	67746.30	54213.00	56517.40	251943.00	183522.90	184058.20	239842.30	174375.10	173915.70
	B		In area of thorny jungle	Hectare	93789.40	73797.60	78262.90	67746.30	54213.00	56517.40	265885.40	193959.70	195661.20	239842.30	174375.10	173915.70
	(iii)		By Mechanical Means using Motor Grader													
	A		In area of light jungle	Hectare	42930.00	39479.50	36301.20	40210.20	36888.80	33941.70	215026.00	159641.70	153699.40	212306.20	157050.90	151339.90
	B		In area of thorny jungle	Hectare	47887.80	44183.50	40554.10	44547.40	41006.90	37662.90	219983.70	164345.60	157952.30	216643.40	161169.00	155061.20

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			02 : SITE CLEARANCE													
B 2.01	A		Cutting of trees, trunks and branches excluding removal of stumps and roots of trees and stacking of serviceable material with all lifts and up to a lead of 1000 mtrs													
	(i)		Girth from 300 mm to 600 mm	Nos	673.30	652.60	629.00	527.20	508.80	487.70	673.30	652.60	629.00	527.20	508.80	487.70
	(ii)		Girth from 600 mm to 900 mm	Nos	1041.60	966.70	928.70	822.40	751.10	716.70	1041.60	966.70	928.70	822.40	751.10	716.70
	(iii)		Girth from 900 mm to 1800 mm	Nos	2121.40	2028.80	1973.10	1634.30	1549.70	1502.00	2121.40	2028.80	1973.10	1634.30	1549.70	1502.00
	(iv)		Girth above 1800 mm	Nos	4242.80	4045.30	3921.50	3268.50	3087.10	2979.20	4242.80	4045.30	3921.50	3268.50	3087.10	2979.20
B 2.01	B		Removal of stumps, roots, stacking of serviceable material with all lifts and up to a lead of 1000 meters and earth filling in the depression/pit.													
	(i)		Girth from 300 mm to 600 mm	Nos	684.20	701.10	728.90	672.10	689.30	717.30	684.20	701.10	728.90	672.10	689.30	717.30
	(ii)		Girth from 600 mm to 900 mm	Nos	694.70	701.10	730.60	682.70	689.30	719.00	694.70	701.10	730.60	682.70	689.30	719.00
	(iii)		Girth from 900 mm to 1800 mm	Nos	692.90	701.10	731.20	680.80	689.30	719.60	692.90	701.10	731.20	680.80	689.30	719.60
	(iv)		Girth above 1800 mm	Nos	690.20	701.10	728.00	678.20	689.30	716.30	690.20	701.10	728.00	678.20	689.30	716.30
B 2.02			Clearing Grass and Removal of Rubbish													
			Clearing grass and removal of rubbish up to a distance of 50 meters outside the periphery of the area.													
	1		By Manual Means	Hectare	48596.10	47799.40	47002.80	36538.40	35939.40	35340.40	48596.10	47799.40	47002.80	36538.40	35939.40	35340.40
B 2.03			Clearing and Grubbing Road Land													
			Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned up to a lead of 1000 meters including removal and disposal of top organic soil not exceeding 150 mm in thickness.													
	(i)		By Manual Means"													
	A		In area of light jungle	Hectare	152143.50	149649.30	147155.20	115970.50	114069.30	112168.10	152143.50	149649.30	147155.20	115970.50	114069.30	112168.10
	B		In area of thorny jungle	Hectare	200739.60	197448.80	194158.00	152508.90	150008.70	147508.60	200739.60	197448.80	194158.00	152508.90	150008.70	147508.60
	(ii)		By Mechanical Means using Dozer													
	A		In area of light jungle	Hectare	79847.00	63360.80	66660.00	67746.30	54213.00	56517.40	79847.00	63360.80	66660.00	67746.30	54213.00	56517.40
	B		In area of thorny jungle	Hectare	93789.40	73797.60	78262.90	67746.30	54213.00	56517.40	93789.40	73797.60	78262.90	67746.30	54213.00	56517.40
	(iii)		By Mechanical Means using Motor Grader													
	A		In area of light jungle	Hectare	42930.00	39479.50	36301.20	40210.20	36888.80	33941.70	42930.00	39479.50	36301.20	40210.20	36888.80	33941.70
	B		In area of thorny jungle	Hectare	47887.80	44183.50	40554.10	44547.40	41006.90	37662.90	47887.80	44183.50	40554.10	44547.40	41006.90	37662.90

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			02 : SITE CLEARANCE													
B 2.01	A		Cutting of trees, trunks and branches excluding removal of stumps and roots of trees and stacking of serviceable material with all lifts and up to a lead of 1000 mtrs													
	(i)		Girth from 300 mm to 600 mm	Nos	673.30	652.60	629.00	527.20	508.80	487.70	673.30	652.60	629.00	527.20	508.80	487.70
	(ii)		Girth from 600 mm to 900 mm	Nos	1041.60	966.70	928.70	822.40	751.10	716.70	1041.60	966.70	928.70	822.40	751.10	716.70
	(iii)		Girth from 900 mm to 1800 mm	Nos	2121.40	2028.80	1973.10	1634.30	1549.70	1502.00	2121.40	2028.80	1973.10	1634.30	1549.70	1502.00
	(iv)		Girth above 1800 mm	Nos	4242.80	4045.30	3921.50	3268.50	3087.10	2979.20	4242.80	4045.30	3921.50	3268.50	3087.10	2979.20
B 2.01	B		Removal of stumps, roots, stacking of serviceable material with all lifts and up to a lead of 1000 meters and earth filling in the depression/pit.													
	(i)		Girth from 300 mm to 600 mm	Nos	684.20	701.10	728.90	672.10	689.30	717.30	684.20	701.10	728.90	672.10	689.30	717.30
	(ii)		Girth from 600 mm to 900 mm	Nos	694.70	701.10	730.60	682.70	689.30	719.00	694.70	701.10	730.60	682.70	689.30	719.00
	(iii)		Girth from 900 mm to 1800 mm	Nos	692.90	701.10	731.20	680.80	689.30	719.60	692.90	701.10	731.20	680.80	689.30	719.60
	(iv)		Girth above 1800 mm	Nos	690.20	701.10	728.00	678.20	689.30	716.30	690.20	701.10	728.00	678.20	689.30	716.30
B 2.02			Clearing Grass and Removal of Rubbish													
			Clearing grass and removal of rubbish up to a distance of 50 meters outside the periphery of the area.													
	1		By Manual Means	Hectare	48596.10	47799.40	47002.80	36538.40	35939.40	35340.40	48596.10	47799.40	47002.80	36538.40	35939.40	35340.40
B 2.03			Clearing and Grubbing Road Land													
			Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned up to a lead of 1000 meters including removal and disposal of top organic soil not exceeding 150 mm in thickness.													
	(i)		By Manual Means"													
	A		In area of light jungle	Hectare	152143.50	149649.30	147155.20	115970.50	114069.30	112168.10	152143.50	149649.30	147155.20	115970.50	114069.30	112168.10
	B		In area of thorny jungle	Hectare	200739.60	197448.80	194158.00	152508.90	150008.70	147508.60	200739.60	197448.80	194158.00	152508.90	150008.70	147508.60
	(ii)		By Mechanical Means using Dozer													
	A		In area of light jungle	Hectare	79847.00	63360.80	66660.00	67746.30	54213.00	56517.40	79847.00	63360.80	66660.00	67746.30	54213.00	56517.40
	B		In area of thorny jungle	Hectare	93789.40	73797.60	78262.90	67746.30	54213.00	56517.40	93789.40	73797.60	78262.90	67746.30	54213.00	56517.40
	(iii)		By Mechanical Means using Motor Grader													
	A		In area of light jungle	Hectare	42930.00	39479.50	36301.20	40210.20	36888.80	33941.70	42930.00	39479.50	36301.20	40210.20	36888.80	33941.70
	B		In area of thorny jungle	Hectare	47887.80	44183.50	40554.10	44547.40	41006.90	37662.90	47887.80	44183.50	40554.10	44547.40	41006.90	37662.90

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			02 : SITE CLEARANCE													
B 2.01	A		Cutting of trees, trunks and branches excluding removal of stumps and roots of trees and stacking of serviceable material with all lifts and up to a lead of 1000 mtrs													
	(i)		Girth from 300 mm to 600 mm	Nos	673.30	652.60	629.00	527.20	508.80	487.70	673.30	652.60	629.00	527.20	508.80	487.70
	(ii)		Girth from 600 mm to 900 mm	Nos	1041.60	966.70	928.70	822.40	751.10	716.70	1041.60	966.70	928.70	822.40	751.10	716.70
	(iii)		Girth from 900 mm to 1800 mm	Nos	2121.40	2028.80	1973.10	1634.30	1549.70	1502.00	2121.40	2028.80	1973.10	1634.30	1549.70	1502.00
	(iv)		Girth above 1800 mm	Nos	4242.80	4045.30	3921.50	3268.50	3087.10	2979.20	4242.80	4045.30	3921.50	3268.50	3087.10	2979.20
B 2.01	B		Removal of stumps, roots, stacking of serviceable material with all lifts and up to a lead of 1000 meters and earth filling in the depression/pit.													
	(i)		Girth from 300 mm to 600 mm	Nos	684.20	701.10	728.90	672.10	689.30	717.30	684.20	701.10	728.90	672.10	689.30	717.30
	(ii)		Girth from 600 mm to 900 mm	Nos	694.70	701.10	730.60	682.70	689.30	719.00	694.70	701.10	730.60	682.70	689.30	719.00
	(iii)		Girth from 900 mm to 1800 mm	Nos	692.90	701.10	731.20	680.80	689.30	719.60	692.90	701.10	731.20	680.80	689.30	719.60
	(iv)		Girth above 1800 mm	Nos	690.20	701.10	728.00	678.20	689.30	716.30	690.20	701.10	728.00	678.20	689.30	716.30
B 2.02			Clearing Grass and Removal of Rubbish													
			Clearing grass and removal of rubbish up to a distance of 50 meters outside the periphery of the area.													
	1		By Manual Means	Hectare	48596.10	47799.40	47002.80	36538.40	35939.40	35340.40	48596.10	47799.40	47002.80	36538.40	35939.40	35340.40
B 2.03			Clearing and Grubbing Road Land													
			Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned up to a lead of 1000 meters including removal and disposal of top organic soil not exceeding 150 mm in thickness.													
	(i)		By Manual Means"													
	A		In area of light jungle	Hectare	152143.50	149649.30	147155.20	115970.50	114069.30	112168.10	152143.50	149649.30	147155.20	115970.50	114069.30	112168.10
	B		In area of thorny jungle	Hectare	200739.60	197448.80	194158.00	152508.90	150008.70	147508.60	200739.60	197448.80	194158.00	152508.90	150008.70	147508.60
	(ii)		By Mechanical Means using Dozer													
	A		In area of light jungle	Hectare	79847.00	63360.80	66660.00	67746.30	54213.00	56517.40	79847.00	63360.80	66660.00	67746.30	54213.00	56517.40
	B		In area of thorny jungle	Hectare	93789.40	73797.60	78262.90	67746.30	54213.00	56517.40	93789.40	73797.60	78262.90	67746.30	54213.00	56517.40
	(iii)		By Mechanical Means using Motor Grader													
	A		In area of light jungle	Hectare	42930.00	39479.50	36301.20	40210.20	36888.80	33941.70	42930.00	39479.50	36301.20	40210.20	36888.80	33941.70
	B		In area of thorny jungle	Hectare	47887.80	44183.50	40554.10	44547.40	41006.90	37662.90	47887.80	44183.50	40554.10	44547.40	41006.90	37662.90

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			02 : SITE CLEARANCE													
B 2.01	A		Cutting of trees, trunks and branches excluding removal of stumps and roots of trees and stacking of serviceable material with all lifts and up to a lead of 1000 mtrs													
	(i)		Girth from 300 mm to 600 mm	Nos	673.30	652.60	629.00	527.20	508.80	487.70	673.30	652.60	629.00	527.20	508.80	487.70
	(ii)		Girth from 600 mm to 900 mm	Nos	1041.60	966.70	928.70	822.40	751.10	716.70	1041.60	966.70	928.70	822.40	751.10	716.70
	(iii)		Girth from 900 mm to 1800 mm	Nos	2121.40	2028.80	1973.10	1634.30	1549.70	1502.00	2121.40	2028.80	1973.10	1634.30	1549.70	1502.00
	(iv)		Girth above 1800 mm	Nos	4242.80	4045.30	3921.50	3268.50	3087.10	2979.20	4242.80	4045.30	3921.50	3268.50	3087.10	2979.20
B 2.01	B		Removal of stumps, roots, stacking of serviceable material with all lifts and up to a lead of 1000 meters and earth filling in the depression/pit.													
	(i)		Girth from 300 mm to 600 mm	Nos	684.20	701.10	728.90	672.10	689.30	717.30	684.20	701.10	728.90	672.10	689.30	717.30
	(ii)		Girth from 600 mm to 900 mm	Nos	694.70	701.10	730.60	682.70	689.30	719.00	694.70	701.10	730.60	682.70	689.30	719.00
	(iii)		Girth from 900 mm to 1800 mm	Nos	692.90	701.10	731.20	680.80	689.30	719.60	692.90	701.10	731.20	680.80	689.30	719.60
	(iv)		Girth above 1800 mm	Nos	690.20	701.10	728.00	678.20	689.30	716.30	690.20	701.10	728.00	678.20	689.30	716.30
B 2.02			Clearing Grass and Removal of Rubbish													
			Clearing grass and removal of rubbish up to a distance of 50 meters outside the periphery of the area.													
	1		By Manual Means	Hectare	48596.10	47799.40	47002.80	36538.40	35939.40	35340.40	48596.10	47799.40	47002.80	36538.40	35939.40	35340.40
B 2.03			Clearing and Grubbing Road Land													
			Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned up to a lead of 1000 meters including removal and disposal of top organic soil not exceeding 150 mm in thickness.													
	(i)		By Manual Means"													
	A		In area of light jungle	Hectare	152143.50	149649.30	147155.20	115970.50	114069.30	112168.10	152143.50	149649.30	147155.20	115970.50	114069.30	112168.10
	B		In area of thorny jungle	Hectare	200739.60	197448.80	194158.00	152508.90	150008.70	147508.60	200739.60	197448.80	194158.00	152508.90	150008.70	147508.60
	(ii)		By Mechanical Means using Dozer													
	A		In area of light jungle	Hectare	79847.00	63360.80	66660.00	67746.30	54213.00	56517.40	79847.00	63360.80	66660.00	67746.30	54213.00	56517.40
	B		In area of thorny jungle	Hectare	93789.40	73797.60	78262.90	67746.30	54213.00	56517.40	93789.40	73797.60	78262.90	67746.30	54213.00	56517.40
	(iii)		By Mechanical Means using Motor Grader													
	A		In area of light jungle	Hectare	42930.00	39479.50	36301.20	40210.20	36888.80	33941.70	42930.00	39479.50	36301.20	40210.20	36888.80	33941.70
	B		In area of thorny jungle	Hectare	47887.80	44183.50	40554.10	44547.40	41006.90	37662.90	47887.80	44183.50	40554.10	44547.40	41006.90	37662.90

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			02 : SITE CLEARANCE													
B 2.01	A		Cutting of trees, trunks and branches excluding removal of stumps and roots of trees and stacking of serviceable material with all lifts and up to a lead of 1000 mtrs													
	(i)		Girth from 300 mm to 600 mm	Nos	673.30	652.60	629.00	527.20	508.80	487.70	673.30	652.60	629.00	527.20	508.80	487.70
	(ii)		Girth from 600 mm to 900 mm	Nos	1041.60	966.70	928.70	822.40	751.10	716.70	1041.60	966.70	928.70	822.40	751.10	716.70
	(iii)		Girth from 900 mm to 1800 mm	Nos	2121.40	2028.80	1973.10	1634.30	1549.70	1502.00	2121.40	2028.80	1973.10	1634.30	1549.70	1502.00
	(iv)		Girth above 1800 mm	Nos	4242.80	4045.30	3921.50	3268.50	3087.10	2979.20	4242.80	4045.30	3921.50	3268.50	3087.10	2979.20
B 2.01	B		Removal of stumps, roots, stacking of serviceable material with all lifts and up to a lead of 1000 meters and earth filling in the depression/pit.													
	(i)		Girth from 300 mm to 600 mm	Nos	684.20	701.10	728.90	672.10	689.30	717.30	684.20	701.10	728.90	672.10	689.30	717.30
	(ii)		Girth from 600 mm to 900 mm	Nos	694.70	701.10	730.60	682.70	689.30	719.00	694.70	701.10	730.60	682.70	689.30	719.00
	(iii)		Girth from 900 mm to 1800 mm	Nos	692.90	701.10	731.20	680.80	689.30	719.60	692.90	701.10	731.20	680.80	689.30	719.60
	(iv)		Girth above 1800 mm	Nos	690.20	701.10	728.00	678.20	689.30	716.30	690.20	701.10	728.00	678.20	689.30	716.30
B 2.02			Clearing Grass and Removal of Rubbish													
			Clearing grass and removal of rubbish up to a distance of 50 meters outside the periphery of the area.													
	1		By Manual Means	Hectare	48596.10	47799.40	47002.80	36538.40	35939.40	35340.40	48596.10	47799.40	47002.80	36538.40	35939.40	35340.40
B 2.03			Clearing and Grubbing Road Land													
			Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned up to a lead of 1000 meters including removal and disposal of top organic soil not exceeding 150 mm in thickness.													
	(i)		By Manual Means"													
	A		In area of light jungle	Hectare	152143.50	149649.30	147155.20	115970.50	114069.30	112168.10	152143.50	149649.30	147155.20	115970.50	114069.30	112168.10
	B		In area of thorny jungle	Hectare	200739.60	197448.80	194158.00	152508.90	150008.70	147508.60	200739.60	197448.80	194158.00	152508.90	150008.70	147508.60
	(ii)		By Mechanical Means using Dozer													
	A		In area of light jungle	Hectare	79847.00	63360.80	66660.00	67746.30	54213.00	56517.40	79847.00	63360.80	66660.00	67746.30	54213.00	56517.40
	B		In area of thorny jungle	Hectare	93789.40	73797.60	78262.90	67746.30	54213.00	56517.40	93789.40	73797.60	78262.90	67746.30	54213.00	56517.40
	(iii)		By Mechanical Means using Motor Grader													
	A		In area of light jungle	Hectare	42930.00	39479.50	36301.20	40210.20	36888.80	33941.70	42930.00	39479.50	36301.20	40210.20	36888.80	33941.70
	B		In area of thorny jungle	Hectare	47887.80	44183.50	40554.10	44547.40	41006.90	37662.90	47887.80	44183.50	40554.10	44547.40	41006.90	37662.90

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 2.04			Dismantling of Structures													
			Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 1000 meters													
	(i)		Lime /Cement Concrete													
	I		By Manual Means													
	A		Lime Concrete, cement concrete grade M-10 and below	Cum	789.90	776.90	764.00	597.10	587.30	577.50	789.90	776.90	764.00	597.10	587.30	577.50
	B		Cement Concrete Grade M-15 & M-20	Cum	984.90	968.80	952.60	743.20	731.00	718.80	984.90	968.80	952.60	743.20	731.00	718.80
	C		Prestressed / Reinforced cement concrete grade M-20 and above	Cum	2991.20	2942.20	2893.10	2248.50	2211.70	2174.80	2991.20	2942.20	2893.10	2248.50	2211.70	2174.80
	II		By Mechanical Means													
	A		Cement Concrete Grade M-15 & M-20"	Cum	567.80	556.40	546.10	471.10	461.30	452.60	739.90	676.60	663.50	643.20	581.50	570.00
	B		Prestressed / Reinforced cement concrete grade M-20 and above	Cum	1129.30	1108.70	1089.20	893.30	876.60	860.90	1301.40	1228.90	1206.60	1065.40	996.70	978.30
	(ii)		Dismantling Brick / Tile work - By Manual Means													
	A		In lime mortar	Cum	399.70	393.10	386.60	303.00	298.00	293.10	399.70	393.10	386.60	303.00	298.00	293.10
	B		In cement mortar	Cum	594.20	584.40	574.70	449.20	441.80	434.40	594.20	584.40	574.70	449.20	441.80	434.40
	C		In mud mortar	Cum	321.50	316.30	311.00	244.50	240.50	236.50	321.50	316.30	311.00	244.50	240.50	236.50
	D		Dry brick pitching or brick soling	Cum	283.30	278.70	274.00	215.30	211.80	208.20	283.30	278.70	274.00	215.30	211.80	208.20
	(iii)		Dismantling Stone Masonry													
	I		By Manual Means													
	A		Rubble stone masonry in lime mortar	Cum	477.30	469.40	461.60	361.50	355.50	349.60	477.30	469.40	461.60	361.50	355.50	349.60
	B		Rubble stone masonry in cement mortar.	Cum	594.20	584.40	574.70	449.20	441.80	434.40	594.20	584.40	574.70	449.20	441.80	434.40
	C		Rubble Stone Masonry in mud mortar.	Cum	399.70	393.10	386.60	303.00	298.00	293.10	399.70	393.10	386.60	303.00	298.00	293.10
	D		Dry rubble masonry.	Cum	360.90	355.00	349.10	273.80	269.30	264.80	360.90	355.00	349.10	273.80	269.30	264.80
	E		Dismantling stone pitching/ dry stone spalls.	Cum	321.50	316.30	311.00	244.50	240.50	236.50	321.50	316.30	311.00	244.50	240.50	236.50
	F		Dismantling boulders laid in wire crates including opening of crates and stacking dismantled materials.	Cum	399.70	393.10	386.60	303.00	298.00	293.10	399.70	393.10	386.60	303.00	298.00	293.10
	II		By Mechanical Means													
	A		Dismantling Brick / Tile work/ rubble masonary/ pitching/ etc"	Cum	216.20	178.10	177.90	184.40	151.90	151.50	216.20	178.10	177.90	184.40	151.90	151.50
	(iv)		Wood Work wrought framed and fixed in frames of trusses upto a height of 5 m above plinth level	Cum	1326.60	1304.90	1283.10	1000.00	983.60	967.30	1326.60	1304.90	1283.10	1000.00	983.60	967.30
	(v)		Steel Work in all types of sections upto a height of 5 m above plinth level excluding cutting of rivet													
	A		Including dismembering	Tonne	3781.80	3719.80	3657.80	2845.20	2798.50	2751.90	3781.80	3719.80	3657.80	2845.20	2798.50	2751.90
	B		Excluding dismembering	Tonne	2623.10	2580.10	2537.10	1973.80	1941.50	1909.10	2623.10	2580.10	2537.10	1973.80	1941.50	1909.10
	C		Extra over item No(v) A and(v) B for cutting rivets.	Rivets	30.20	29.70	29.20	22.60	22.30	21.90	30.20	29.70	29.20	22.60	22.30	21.90

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 2.04			Dismantling of Structures													
			Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 1000 meters													
	(i)		Lime /Cement Concrete													
	I		By Manual Means													
	A		Lime Concrete, cement concrete grade M-10 and below	Cum	789.90	776.90	764.00	597.10	587.30	577.50	789.90	776.90	764.00	597.10	587.30	577.50
	B		Cement Concrete Grade M-15 & M-20	Cum	984.90	968.80	952.60	743.20	731.00	718.80	984.90	968.80	952.60	743.20	731.00	718.80
	C		Prestressed / Reinforced cement concrete grade M-20 and above	Cum	2991.20	2942.20	2893.10	2248.50	2211.70	2174.80	2991.20	2942.20	2893.10	2248.50	2211.70	2174.80
	II		By Mechanical Means													
	A		Cement Concrete Grade M-15 & M-20"	Cum	567.80	556.40	546.10	471.10	461.30	452.60	567.80	556.40	546.10	471.10	461.30	452.60
	B		Prestressed / Reinforced cement concrete grade M-20 and above	Cum	1129.30	1108.70	1089.20	893.30	876.60	860.90	1129.30	1108.70	1089.20	893.30	876.60	860.90
	(ii)		Dismantling Brick / Tile work - By Manual Means													
	A		In lime mortar	Cum	399.70	393.10	386.60	303.00	298.00	293.10	399.70	393.10	386.60	303.00	298.00	293.10
	B		In cement mortar	Cum	594.20	584.40	574.70	449.20	441.80	434.40	594.20	584.40	574.70	449.20	441.80	434.40
	C		In mud mortar	Cum	321.50	316.30	311.00	244.50	240.50	236.50	321.50	316.30	311.00	244.50	240.50	236.50
	D		Dry brick pitching or brick soling	Cum	283.30	278.70	274.00	215.30	211.80	208.20	283.30	278.70	274.00	215.30	211.80	208.20
	(iii)		Dismantling Stone Masonry													
	I		By Manual Means													
	A		Rubble stone masonry in lime mortar	Cum	477.30	469.40	461.60	361.50	355.50	349.60	477.30	469.40	461.60	361.50	355.50	349.60
	B		Rubble stone masonry in cement mortar.	Cum	594.20	584.40	574.70	449.20	441.80	434.40	594.20	584.40	574.70	449.20	441.80	434.40
	C		Rubble Stone Masonry in mud mortar.	Cum	399.70	393.10	386.60	303.00	298.00	293.10	399.70	393.10	386.60	303.00	298.00	293.10
	D		Dry rubble masonry.	Cum	360.90	355.00	349.10	273.80	269.30	264.80	360.90	355.00	349.10	273.80	269.30	264.80
	E		Dismantling stone pitching/ dry stone spalls.	Cum	321.50	316.30	311.00	244.50	240.50	236.50	321.50	316.30	311.00	244.50	240.50	236.50
	F		Dismantling boulders laid in wire crates including opening of crates and stacking dismantled materials.	Cum	399.70	393.10	386.60	303.00	298.00	293.10	399.70	393.10	386.60	303.00	298.00	293.10
	II		By Mechanical Means													
	A		Dismantling Brick / Tile work/ rubble masonary/ pitching/ etc"	Cum	216.20	178.10	177.90	184.40	151.90	151.50	216.20	178.10	177.90	184.40	151.90	151.50
	(iv)		Wood Work wrought framed and fixed in frames of trusses upto a height of 5 m above plinth level	Cum	1326.60	1304.90	1283.10	1000.00	983.60	967.30	1326.60	1304.90	1283.10	1000.00	983.60	967.30
	(v)		Steel Work in all types of sections upto a height of 5 m above plinth level excluding cutting of rivet													
	A		Including dismembering	Tonne	3781.80	3719.80	3657.80	2845.20	2798.50	2751.90	3781.80	3719.80	3657.80	2845.20	2798.50	2751.90
	B		Excluding dismembering	Tonne	2623.10	2580.10	2537.10	1973.80	1941.50	1909.10	2623.10	2580.10	2537.10	1973.80	1941.50	1909.10
	C		Extra over item No(v) A and(v) B for cutting rivets.	Rivets	30.20	29.70	29.20	22.60	22.30	21.90	30.20	29.70	29.20	22.60	22.30	21.90

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 2.04			Dismantling of Structures													
			Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 1000 meters													
	(i)		Lime /Cement Concrete													
	I		By Manual Means													
	A		Lime Concrete, cement concrete grade M-10 and below	Cum	789.90	776.90	764.00	597.10	587.30	577.50	789.90	776.90	764.00	597.10	587.30	577.50
	B		Cement Concrete Grade M-15 & M-20	Cum	984.90	968.80	952.60	743.20	731.00	718.80	984.90	968.80	952.60	743.20	731.00	718.80
	C		Prestressed / Reinforced cement concrete grade M-20 and above	Cum	2991.20	2942.20	2893.10	2248.50	2211.70	2174.80	2991.20	2942.20	2893.10	2248.50	2211.70	2174.80
	II		By Mechanical Means													
	A		Cement Concrete Grade M-15 & M-20"	Cum	567.80	556.40	546.10	471.10	461.30	452.60	567.80	556.40	546.10	471.10	461.30	452.60
	B		Prestressed / Reinforced cement concrete grade M-20 and above	Cum	1129.30	1108.70	1089.20	893.30	876.60	860.90	1129.30	1108.70	1089.20	893.30	876.60	860.90
	(ii)		Dismantling Brick / Tile work - By Manual Means													
	A		In lime mortar	Cum	399.70	393.10	386.60	303.00	298.00	293.10	399.70	393.10	386.60	303.00	298.00	293.10
	B		In cement mortar	Cum	594.20	584.40	574.70	449.20	441.80	434.40	594.20	584.40	574.70	449.20	441.80	434.40
	C		In mud mortar	Cum	321.50	316.30	311.00	244.50	240.50	236.50	321.50	316.30	311.00	244.50	240.50	236.50
	D		Dry brick pitching or brick soling	Cum	283.30	278.70	274.00	215.30	211.80	208.20	283.30	278.70	274.00	215.30	211.80	208.20
	(iii)		Dismantling Stone Masonry													
	I		By Manual Means													
	A		Rubble stone masonry in lime mortar	Cum	477.30	469.40	461.60	361.50	355.50	349.60	477.30	469.40	461.60	361.50	355.50	349.60
	B		Rubble stone masonry in cement mortar.	Cum	594.20	584.40	574.70	449.20	441.80	434.40	594.20	584.40	574.70	449.20	441.80	434.40
	C		Rubble Stone Masonry in mud mortar.	Cum	399.70	393.10	386.60	303.00	298.00	293.10	399.70	393.10	386.60	303.00	298.00	293.10
	D		Dry rubble masonry.	Cum	360.90	355.00	349.10	273.80	269.30	264.80	360.90	355.00	349.10	273.80	269.30	264.80
	E		Dismantling stone pitching/ dry stone spalls.	Cum	321.50	316.30	311.00	244.50	240.50	236.50	321.50	316.30	311.00	244.50	240.50	236.50
	F		Dismantling boulders laid in wire crates including opening of crates and stacking dismantled materials.	Cum	399.70	393.10	386.60	303.00	298.00	293.10	399.70	393.10	386.60	303.00	298.00	293.10
	II		By Mechanical Means													
	A		Dismantling Brick / Tile work/ rubble masonary/ pitching/ etc"	Cum	216.20	178.10	177.90	184.40	151.90	151.50	216.20	178.10	177.90	184.40	151.90	151.50
	(iv)		Wood Work wrought framed and fixed in frames of trusses upto a height of 5 m above plinth level	Cum	1326.60	1304.90	1283.10	1000.00	983.60	967.30	1326.60	1304.90	1283.10	1000.00	983.60	967.30
	(v)		Steel Work in all types of sections upto a height of 5 m above plinth level excluding cutting of rivet													
	A		Including dismembering	Tonne	3781.80	3719.80	3657.80	2845.20	2798.50	2751.90	3781.80	3719.80	3657.80	2845.20	2798.50	2751.90
	B		Excluding dismembering	Tonne	2623.10	2580.10	2537.10	1973.80	1941.50	1909.10	2623.10	2580.10	2537.10	1973.80	1941.50	1909.10
	C		Extra over item No(v) A and(v) B for cutting rivets.	Rivets	30.20	29.70	29.20	22.60	22.30	21.90	30.20	29.70	29.20	22.60	22.30	21.90

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 2.04			Dismantling of Structures													
			Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 1000 meters													
	(i)		Lime /Cement Concrete													
	I		By Manual Means													
	A		Lime Concrete, cement concrete grade M-10 and below	Cum	789.90	776.90	764.00	597.10	587.30	577.50	789.90	776.90	764.00	597.10	587.30	577.50
	B		Cement Concrete Grade M-15 & M-20	Cum	984.90	968.80	952.60	743.20	731.00	718.80	984.90	968.80	952.60	743.20	731.00	718.80
	C		Prestressed / Reinforced cement concrete grade M-20 and above	Cum	2991.20	2942.20	2893.10	2248.50	2211.70	2174.80	2991.20	2942.20	2893.10	2248.50	2211.70	2174.80
	II		By Mechanical Means													
	A		Cement Concrete Grade M-15 & M-20"	Cum	567.80	556.40	546.10	471.10	461.30	452.60	567.80	556.40	546.10	471.10	461.30	452.60
	B		Prestressed / Reinforced cement concrete grade M-20 and above	Cum	1129.30	1108.70	1089.20	893.30	876.60	860.90	1129.30	1108.70	1089.20	893.30	876.60	860.90
	(ii)		Dismantling Brick / Tile work - By Manual Means													
	A		In lime mortar	Cum	399.70	393.10	386.60	303.00	298.00	293.10	399.70	393.10	386.60	303.00	298.00	293.10
	B		In cement mortar	Cum	594.20	584.40	574.70	449.20	441.80	434.40	594.20	584.40	574.70	449.20	441.80	434.40
	C		In mud mortar	Cum	321.50	316.30	311.00	244.50	240.50	236.50	321.50	316.30	311.00	244.50	240.50	236.50
	D		Dry brick pitching or brick soling	Cum	283.30	278.70	274.00	215.30	211.80	208.20	283.30	278.70	274.00	215.30	211.80	208.20
	(iii)		Dismantling Stone Masonry													
	I		By Manual Means													
	A		Rubble stone masonry in lime mortar	Cum	477.30	469.40	461.60	361.50	355.50	349.60	477.30	469.40	461.60	361.50	355.50	349.60
	B		Rubble stone masonry in cement mortar.	Cum	594.20	584.40	574.70	449.20	441.80	434.40	594.20	584.40	574.70	449.20	441.80	434.40
	C		Rubble Stone Masonry in mud mortar.	Cum	399.70	393.10	386.60	303.00	298.00	293.10	399.70	393.10	386.60	303.00	298.00	293.10
	D		Dry rubble masonry.	Cum	360.90	355.00	349.10	273.80	269.30	264.80	360.90	355.00	349.10	273.80	269.30	264.80
	E		Dismantling stone pitching/ dry stone spalls.	Cum	321.50	316.30	311.00	244.50	240.50	236.50	321.50	316.30	311.00	244.50	240.50	236.50
	F		Dismantling boulders laid in wire crates including opening of crates and stacking dismantled materials.	Cum	399.70	393.10	386.60	303.00	298.00	293.10	399.70	393.10	386.60	303.00	298.00	293.10
	II		By Mechanical Means													
	A		Dismantling Brick / Tile work/ rubble masonary/ pitching/ etc"	Cum	216.20	178.10	177.90	184.40	151.90	151.50	216.20	178.10	177.90	184.40	151.90	151.50
	(iv)		Wood Work wrought framed and fixed in frames of trusses upto a height of 5 m above plinth level	Cum	1326.60	1304.90	1283.10	1000.00	983.60	967.30	1326.60	1304.90	1283.10	1000.00	983.60	967.30
	(v)		Steel Work in all types of sections upto a height of 5 m above plinth level excluding cutting of rivet													
	A		Including dismembering	Tonne	3781.80	3719.80	3657.80	2845.20	2798.50	2751.90	3781.80	3719.80	3657.80	2845.20	2798.50	2751.90
	B		Excluding dismembering	Tonne	2623.10	2580.10	2537.10	1973.80	1941.50	1909.10	2623.10	2580.10	2537.10	1973.80	1941.50	1909.10
	C		Extra over item No(v) A and(v) B for cutting rivets.	Rivets	30.20	29.70	29.20	22.60	22.30	21.90	30.20	29.70	29.20	22.60	22.30	21.90

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 2.04			Dismantling of Structures													
			Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 1000 meters													
	(i)		Lime /Cement Concrete													
	I		By Manual Means													
	A		Lime Concrete, cement concrete grade M-10 and below	Cum	789.90	776.90	764.00	597.10	587.30	577.50	789.90	776.90	764.00	597.10	587.30	577.50
	B		Cement Concrete Grade M-15 & M-20	Cum	984.90	968.80	952.60	743.20	731.00	718.80	984.90	968.80	952.60	743.20	731.00	718.80
	C		Prestressed / Reinforced cement concrete grade M-20 and above	Cum	2991.20	2942.20	2893.10	2248.50	2211.70	2174.80	2991.20	2942.20	2893.10	2248.50	2211.70	2174.80
	II		By Mechanical Means													
	A		Cement Concrete Grade M-15 & M-20"	Cum	567.80	556.40	546.10	471.10	461.30	452.60	567.80	556.40	546.10	471.10	461.30	452.60
	B		Prestressed / Reinforced cement concrete grade M-20 and above	Cum	1129.30	1108.70	1089.20	893.30	876.60	860.90	1129.30	1108.70	1089.20	893.30	876.60	860.90
	(ii)		Dismantling Brick / Tile work - By Manual Means													
	A		In lime mortar	Cum	399.70	393.10	386.60	303.00	298.00	293.10	399.70	393.10	386.60	303.00	298.00	293.10
	B		In cement mortar	Cum	594.20	584.40	574.70	449.20	441.80	434.40	594.20	584.40	574.70	449.20	441.80	434.40
	C		In mud mortar	Cum	321.50	316.30	311.00	244.50	240.50	236.50	321.50	316.30	311.00	244.50	240.50	236.50
	D		Dry brick pitching or brick soling	Cum	283.30	278.70	274.00	215.30	211.80	208.20	283.30	278.70	274.00	215.30	211.80	208.20
	(iii)		Dismantling Stone Masonry													
	I		By Manual Means													
	A		Rubble stone masonry in lime mortar	Cum	477.30	469.40	461.60	361.50	355.50	349.60	477.30	469.40	461.60	361.50	355.50	349.60
	B		Rubble stone masonry in cement mortar.	Cum	594.20	584.40	574.70	449.20	441.80	434.40	594.20	584.40	574.70	449.20	441.80	434.40
	C		Rubble Stone Masonry in mud mortar.	Cum	399.70	393.10	386.60	303.00	298.00	293.10	399.70	393.10	386.60	303.00	298.00	293.10
	D		Dry rubble masonry.	Cum	360.90	355.00	349.10	273.80	269.30	264.80	360.90	355.00	349.10	273.80	269.30	264.80
	E		Dismantling stone pitching/ dry stone spalls.	Cum	321.50	316.30	311.00	244.50	240.50	236.50	321.50	316.30	311.00	244.50	240.50	236.50
	F		Dismantling boulders laid in wire crates including opening of crates and stacking dismantled materials.	Cum	399.70	393.10	386.60	303.00	298.00	293.10	399.70	393.10	386.60	303.00	298.00	293.10
	II		By Mechanical Means													
	A		Dismantling Brick / Tile work/ rubble masonary/ pitching/ etc"	Cum	216.20	178.10	177.90	184.40	151.90	151.50	216.20	178.10	177.90	184.40	151.90	151.50
	(iv)		Wood Work wrought framed and fixed in frames of trusses upto a height of 5 m above plinth level	Cum	1326.60	1304.90	1283.10	1000.00	983.60	967.30	1326.60	1304.90	1283.10	1000.00	983.60	967.30
	(v)		Steel Work in all types of sections upto a height of 5 m above plinth level excluding cutting of rivet													
	A		Including dismembering	Tonne	3781.80	3719.80	3657.80	2845.20	2798.50	2751.90	3781.80	3719.80	3657.80	2845.20	2798.50	2751.90
	B		Excluding dismembering	Tonne	2623.10	2580.10	2537.10	1973.80	1941.50	1909.10	2623.10	2580.10	2537.10	1973.80	1941.50	1909.10
	C		Extra over item No(v) A and(v) B for cutting rivets.	Rivets	30.20	29.70	29.20	22.60	22.30	21.90	30.20	29.70	29.20	22.60	22.30	21.90

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 2.04			Dismantling of Structures													
			Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 1000 meters													
	(i)		Lime /Cement Concrete													
	I		By Manual Means													
	A		Lime Concrete, cement concrete grade M-10 and below	Cum	789.90	776.90	764.00	597.10	587.30	577.50	789.90	776.90	764.00	597.10	587.30	577.50
	B		Cement Concrete Grade M-15 & M-20	Cum	984.90	968.80	952.60	743.20	731.00	718.80	984.90	968.80	952.60	743.20	731.00	718.80
	C		Prestressed / Reinforced cement concrete grade M-20 and above	Cum	2991.20	2942.20	2893.10	2248.50	2211.70	2174.80	2991.20	2942.20	2893.10	2248.50	2211.70	2174.80
	II		By Mechanical Means													
	A		Cement Concrete Grade M-15 & M-20"	Cum	567.80	556.40	546.10	471.10	461.30	452.60	567.80	556.40	546.10	471.10	461.30	452.60
	B		Prestressed / Reinforced cement concrete grade M-20 and above	Cum	1129.30	1108.70	1089.20	893.30	876.60	860.90	1129.30	1108.70	1089.20	893.30	876.60	860.90
	(ii)		Dismantling Brick / Tile work - By Manual Means													
	A		In lime mortar	Cum	399.70	393.10	386.60	303.00	298.00	293.10	399.70	393.10	386.60	303.00	298.00	293.10
	B		In cement mortar	Cum	594.20	584.40	574.70	449.20	441.80	434.40	594.20	584.40	574.70	449.20	441.80	434.40
	C		In mud mortar	Cum	321.50	316.30	311.00	244.50	240.50	236.50	321.50	316.30	311.00	244.50	240.50	236.50
	D		Dry brick pitching or brick soling	Cum	283.30	278.70	274.00	215.30	211.80	208.20	283.30	278.70	274.00	215.30	211.80	208.20
	(iii)		Dismantling Stone Masonry													
	I		By Manual Means													
	A		Rubble stone masonry in lime mortar	Cum	477.30	469.40	461.60	361.50	355.50	349.60	477.30	469.40	461.60	361.50	355.50	349.60
	B		Rubble stone masonry in cement mortar.	Cum	594.20	584.40	574.70	449.20	441.80	434.40	594.20	584.40	574.70	449.20	441.80	434.40
	C		Rubble Stone Masonry in mud mortar.	Cum	399.70	393.10	386.60	303.00	298.00	293.10	399.70	393.10	386.60	303.00	298.00	293.10
	D		Dry rubble masonry.	Cum	360.90	355.00	349.10	273.80	269.30	264.80	360.90	355.00	349.10	273.80	269.30	264.80
	E		Dismantling stone pitching/ dry stone spalls.	Cum	321.50	316.30	311.00	244.50	240.50	236.50	321.50	316.30	311.00	244.50	240.50	236.50
	F		Dismantling boulders laid in wire crates including opening of crates and stacking dismantled materials.	Cum	399.70	393.10	386.60	303.00	298.00	293.10	399.70	393.10	386.60	303.00	298.00	293.10
	II		By Mechanical Means													
	A		Dismantling Brick / Tile work/ rubble masonary/ pitching/ etc"	Cum	216.20	178.10	177.90	184.40	151.90	151.50	216.20	178.10	177.90	184.40	151.90	151.50
	(iv)		Wood Work wrought framed and fixed in frames of trusses upto a height of 5 m above plinth level	Cum	1326.60	1304.90	1283.10	1000.00	983.60	967.30	1326.60	1304.90	1283.10	1000.00	983.60	967.30
	(v)		Steel Work in all types of sections upto a height of 5 m above plinth level excluding cutting of rivet													
	A		Including dismembering	Tonne	3781.80	3719.80	3657.80	2845.20	2798.50	2751.90	3781.80	3719.80	3657.80	2845.20	2798.50	2751.90
	B		Excluding dismembering	Tonne	2623.10	2580.10	2537.10	1973.80	1941.50	1909.10	2623.10	2580.10	2537.10	1973.80	1941.50	1909.10
	C		Extra over item No(v) A and(v) B for cutting rivets.	Rivets	30.20	29.70	29.20	22.60	22.30	21.90	30.20	29.70	29.20	22.60	22.30	21.90

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(vi)		Scraping of Bricks Dismantled from Brick Work including Stacking.													
	A		In lime/Cement mortar	Nos	3401.60	3345.80	3290.10	2557.70	2515.80	2473.80	3401.60	3345.80	3290.10	2557.70	2515.80	2473.80
	B		In mud mortar	Nos	1215.60	1195.70	1175.70	913.50	898.50	883.50	1215.60	1195.70	1175.70	913.50	898.50	883.50
	(vii)		Scraping of Stone from Dismantled Stone Masonry													
	A		In cement and lime mortar	Cum	1360.40	1338.10	1315.80	1023.10	1006.30	989.50	1360.40	1338.10	1315.80	1023.10	1006.30	989.50
	B		In Mud mortar	Cum	291.60	286.80	282.00	219.20	215.60	212.00	291.60	286.80	282.00	219.20	215.60	212.00
	(viii)		Scarping Plaster in Lime or Cement Mortar from Brick/ Stone Masonry	Sqm	39.00	38.40	37.80	29.40	28.90	28.40	39.00	38.40	37.80	29.40	28.90	28.40
	(ix)		Removing all type of Hume Pipes and Stacking within a lead of 1000 metres including Earthwork and Dismantling of Masonry Works.													
	A		Up to 600 mm dia	Metre	849.10	805.90	725.30	776.00	759.10	683.10	849.10	805.90	725.30	776.00	759.10	683.10
	B		Above 600 mm to 900 mm dia	Metre	937.90	941.00	874.20	881.20	890.20	828.10	937.90	941.00	874.20	881.20	890.20	828.10
	C		Above 900 mm	Metre	1167.70	1076.10	1023.10	1103.00	1021.30	973.00	1167.70	1076.10	1023.10	1103.00	1021.30	973.00
B 2.05			Dismantling of Flexible Pavements Dismantling of flexible pavements and disposal of dismantled materials up to a lead of 1000 metres, stacking serviceable and unserviceable materials separately													
	(i)		By Manual Means													
	A		Bituminous courses	Cum	1466.70	1442.70	1418.60	1104.80	1086.70	1068.60	1466.70	1442.70	1418.60	1104.80	1086.70	1068.60
	B		Granular courses	Cum	980.50	964.40	948.30	739.50	727.30	715.20	980.50	964.40	948.30	739.50	727.30	715.20
	(ii)		By Mechanical Means													
	A		Bituminous courses	Cum	347.40	343.30	351.30	347.00	335.50	344.50	347.40	343.30	351.30	347.00	335.50	344.50
	B		Granular courses	Cum	958.10	839.90	821.40	858.70	756.10	737.90	958.10	839.90	821.40	858.70	756.10	737.90
B 2.06			Dismantling of Cement Concrete Pavement													
			Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 meters, stacking servicable and unservicable materials seperately.	Cum	423.60	444.60	443.40	374.00	391.80	390.50	630.20	588.80	584.30	580.50	536.00	531.30
B 2.07			Dismantling guard rails													
			Dismantling guard rails by manual means and disposal of dismantled material with all lifts and up to a lead of 1000 metres, stacking serviceable materials and unserviceable materials separately.	Metre	146.50	144.10	141.70	109.90	108.10	106.30	146.50	144.10	141.70	109.90	108.10	106.30
B 2.08			Dismantling kerb stone													
			Dismantling kerb stone by manual means and disposal of dismantled material with all lifts and up to a lead of 1000 metre	Metre	15.30	15.10	14.80	11.70	11.50	11.30	15.30	15.10	14.80	11.70	11.50	11.30

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(vi)		Scraping of Bricks Dismantled from Brick Work including Stacking.													
	A		In lime/Cement mortar	Nos	3401.60	3345.80	3290.10	2557.70	2515.80	2473.80	3401.60	3345.80	3290.10	2557.70	2515.80	2473.80
	B		In mud mortar	Nos	1215.60	1195.70	1175.70	913.50	898.50	883.50	1215.60	1195.70	1175.70	913.50	898.50	883.50
	(vii)		Scraping of Stone from Dismantled Stone Masonry													
	A		In cement and lime mortar	Cum	1360.40	1338.10	1315.80	1023.10	1006.30	989.50	1360.40	1338.10	1315.80	1023.10	1006.30	989.50
	B		In Mud mortar	Cum	291.60	286.80	282.00	219.20	215.60	212.00	291.60	286.80	282.00	219.20	215.60	212.00
	(viii)		Scarping Plaster in Lime or Cement Mortar from Brick/ Stone Masonry	Sqm	39.00	38.40	37.80	29.40	28.90	28.40	39.00	38.40	37.80	29.40	28.90	28.40
	(ix)		Removing all type of Hume Pipes and Stacking within a lead of 1000 metres including Earthwork and Dismantling of Masonry Works.													
	A		Up to 600 mm dia	Metre	849.10	805.90	725.30	776.00	759.10	683.10	849.10	805.90	725.30	776.00	759.10	683.10
	B		Above 600 mm to 900 mm dia	Metre	937.90	941.00	874.20	881.20	890.20	828.10	937.90	941.00	874.20	881.20	890.20	828.10
	C		Above 900 mm	Metre	1167.70	1076.10	1023.10	1103.00	1021.30	973.00	1167.70	1076.10	1023.10	1103.00	1021.30	973.00
B 2.05			Dismantling of Flexible Pavements Dismantling of flexible pavements and disposal of dismantled materials up to a lead of 1000 metres, stacking serviceable and unserviceable materials separately													
	(i)		By Manual Means													
	A		Bituminous courses	Cum	1466.70	1442.70	1418.60	1104.80	1086.70	1068.60	1466.70	1442.70	1418.60	1104.80	1086.70	1068.60
	B		Granular courses	Cum	980.50	964.40	948.30	739.50	727.30	715.20	980.50	964.40	948.30	739.50	727.30	715.20
	(ii)		By Mechanical Means													
	A		Bituminous courses	Cum	347.40	343.30	351.30	347.00	335.50	344.50	347.40	343.30	351.30	347.00	335.50	344.50
	B		Granular courses	Cum	958.10	839.90	821.40	858.70	756.10	737.90	958.10	839.90	821.40	858.70	756.10	737.90
B 2.06			Dismantling of Cement Concrete Pavement Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 meters, stacking servicable and unservicable materials seperately.	Cum	423.60	444.60	443.40	374.00	391.80	390.50	423.60	444.60	443.40	374.00	391.80	390.50
B 2.07			Dismantling guard rails Dismantling guard rails by manual means and disposal of dismantled material with all lifts and up to a lead of 1000 metres, stacking serviceable materials and unserviceable materials separately.	Metre	146.50	144.10	141.70	109.90	108.10	106.30	146.50	144.10	141.70	109.90	108.10	106.30
B 2.08			Dismantling kerb stone Dismantling kerb stone by manual means and disposal of dismantled material with all lifts and up to a lead of 1000 metre	Metre	15.30	15.10	14.80	11.70	11.50	11.30	15.30	15.10	14.80	11.70	11.50	11.30

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(vi)		Scraping of Bricks Dismantled from Brick Work including Stacking.													
	A		In lime/Cement mortar	Nos	3401.60	3345.80	3290.10	2557.70	2515.80	2473.80	3401.60	3345.80	3290.10	2557.70	2515.80	2473.80
	B		In mud mortar	Nos	1215.60	1195.70	1175.70	913.50	898.50	883.50	1215.60	1195.70	1175.70	913.50	898.50	883.50
	(vii)		Scraping of Stone from Dismantled Stone Masonry													
	A		In cement and lime mortar	Cum	1360.40	1338.10	1315.80	1023.10	1006.30	989.50	1360.40	1338.10	1315.80	1023.10	1006.30	989.50
	B		In Mud mortar	Cum	291.60	286.80	282.00	219.20	215.60	212.00	291.60	286.80	282.00	219.20	215.60	212.00
	(viii)		Scarping Plaster in Lime or Cement Mortar from Brick/ Stone Masonry	Sqm	39.00	38.40	37.80	29.40	28.90	28.40	39.00	38.40	37.80	29.40	28.90	28.40
	(ix)		Removing all type of Hume Pipes and Stacking within a lead of 1000 metres including Earthwork and Dismantling of Masonry Works.													
	A		Up to 600 mm dia	Metre	849.10	805.90	725.30	776.00	759.10	683.10	849.10	805.90	725.30	776.00	759.10	683.10
	B		Above 600 mm to 900 mm dia	Metre	937.90	941.00	874.20	881.20	890.20	828.10	937.90	941.00	874.20	881.20	890.20	828.10
	C		Above 900 mm	Metre	1167.70	1076.10	1023.10	1103.00	1021.30	973.00	1167.70	1076.10	1023.10	1103.00	1021.30	973.00
B 2.05			Dismantling of Flexible Pavements Dismantling of flexible pavements and disposal of dismantled materials up to a lead of 1000 metres, stacking serviceable and unserviceable materials separately													
	(i)		By Manual Means													
	A		Bituminous courses	Cum	1466.70	1442.70	1418.60	1104.80	1086.70	1068.60	1466.70	1442.70	1418.60	1104.80	1086.70	1068.60
	B		Granular courses	Cum	980.50	964.40	948.30	739.50	727.30	715.20	980.50	964.40	948.30	739.50	727.30	715.20
	(ii)		By Mechanical Means													
	A		Bituminous courses	Cum	347.40	343.30	351.30	347.00	335.50	344.50	347.40	343.30	351.30	347.00	335.50	344.50
	B		Granular courses	Cum	958.10	839.90	821.40	858.70	756.10	737.90	958.10	839.90	821.40	858.70	756.10	737.90
B 2.06			Dismantling of Cement Concrete Pavement													
			Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 meters, stacking servicable and unservicable materials seperately.	Cum	423.60	444.60	443.40	374.00	391.80	390.50	423.60	444.60	443.40	374.00	391.80	390.50
B 2.07			Dismantling guard rails													
			Dismantling guard rails by manual means and disposal of dismantled material with all lifts and up to a lead of 1000 metres, stacking serviceable materials and unserviceable materials separately.	Metre	146.50	144.10	141.70	109.90	108.10	106.30	146.50	144.10	141.70	109.90	108.10	106.30
B 2.08			Dismantling kerb stone													
			Dismantling kerb stone by manual means and disposal of dismantled material with all lifts and up to a lead of 1000 metre	Metre	15.30	15.10	14.80	11.70	11.50	11.30	15.30	15.10	14.80	11.70	11.50	11.30

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(vi)		Scraping of Bricks Dismantled from Brick Work including Stacking.													
	A		In lime/Cement mortar	Nos	3401.60	3345.80	3290.10	2557.70	2515.80	2473.80	3401.60	3345.80	3290.10	2557.70	2515.80	2473.80
	B		In mud mortar	Nos	1215.60	1195.70	1175.70	913.50	898.50	883.50	1215.60	1195.70	1175.70	913.50	898.50	883.50
	(vii)		Scraping of Stone from Dismantled Stone Masonry													
	A		In cement and lime mortar	Cum	1360.40	1338.10	1315.80	1023.10	1006.30	989.50	1360.40	1338.10	1315.80	1023.10	1006.30	989.50
	B		In Mud mortar	Cum	291.60	286.80	282.00	219.20	215.60	212.00	291.60	286.80	282.00	219.20	215.60	212.00
	(viii)		Scarping Plaster in Lime or Cement Mortar from Brick/ Stone Masonry	Sqm	39.00	38.40	37.80	29.40	28.90	28.40	39.00	38.40	37.80	29.40	28.90	28.40
	(ix)		Removing all type of Hume Pipes and Stacking within a lead of 1000 metres including Earthwork and Dismantling of Masonry Works.													
	A		Up to 600 mm dia	Metre	849.10	805.90	725.30	776.00	759.10	683.10	849.10	805.90	725.30	776.00	759.10	683.10
	B		Above 600 mm to 900 mm dia	Metre	937.90	941.00	874.20	881.20	890.20	828.10	937.90	941.00	874.20	881.20	890.20	828.10
	C		Above 900 mm	Metre	1167.70	1076.10	1023.10	1103.00	1021.30	973.00	1167.70	1076.10	1023.10	1103.00	1021.30	973.00
B 2.05			Dismantling of Flexible Pavements Dismantling of flexible pavements and disposal of dismantled materials up to a lead of 1000 metres, stacking serviceable and unserviceable materials separately													
	(i)		By Manual Means													
	A		Bituminous courses	Cum	1466.70	1442.70	1418.60	1104.80	1086.70	1068.60	1466.70	1442.70	1418.60	1104.80	1086.70	1068.60
	B		Granular courses	Cum	980.50	964.40	948.30	739.50	727.30	715.20	980.50	964.40	948.30	739.50	727.30	715.20
	(ii)		By Mechanical Means													
	A		Bituminous courses	Cum	347.40	343.30	351.30	347.00	335.50	344.50	347.40	343.30	351.30	347.00	335.50	344.50
	B		Granular courses	Cum	958.10	839.90	821.40	858.70	756.10	737.90	958.10	839.90	821.40	858.70	756.10	737.90
B 2.06			Dismantling of Cement Concrete Pavement													
			Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 meters, stacking servicable and unservicable materials seperately.	Cum	423.60	444.60	443.40	374.00	391.80	390.50	423.60	444.60	443.40	374.00	391.80	390.50
B 2.07			Dismantling guard rails													
			Dismantling guard rails by manual means and disposal of dismantled material with all lifts and up to a lead of 1000 metres, stacking serviceable materials and unserviceable materials separately.	Metre	146.50	144.10	141.70	109.90	108.10	106.30	146.50	144.10	141.70	109.90	108.10	106.30
B 2.08			Dismantling kerb stone													
			Dismantling kerb stone by manual means and disposal of dismantled material with all lifts and up to a lead of 1000 metre	Metre	15.30	15.10	14.80	11.70	11.50	11.30	15.30	15.10	14.80	11.70	11.50	11.30

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(vi)		Scraping of Bricks Dismantled from Brick Work including Stacking.													
	A		In lime/Cement mortar	Nos	3401.60	3345.80	3290.10	2557.70	2515.80	2473.80	3401.60	3345.80	3290.10	2557.70	2515.80	2473.80
	B		In mud mortar	Nos	1215.60	1195.70	1175.70	913.50	898.50	883.50	1215.60	1195.70	1175.70	913.50	898.50	883.50
	(vii)		Scraping of Stone from Dismantled Stone Masonry													
	A		In cement and lime mortar	Cum	1360.40	1338.10	1315.80	1023.10	1006.30	989.50	1360.40	1338.10	1315.80	1023.10	1006.30	989.50
	B		In Mud mortar	Cum	291.60	286.80	282.00	219.20	215.60	212.00	291.60	286.80	282.00	219.20	215.60	212.00
	(viii)		Scarping Plaster in Lime or Cement Mortar from Brick/ Stone Masonry	Sqm	39.00	38.40	37.80	29.40	28.90	28.40	39.00	38.40	37.80	29.40	28.90	28.40
	(ix)		Removing all type of Hume Pipes and Stacking within a lead of 1000 metres including Earthwork and Dismantling of Masonry Works.													
	A		Up to 600 mm dia	Metre	849.10	805.90	725.30	776.00	759.10	683.10	849.10	805.90	725.30	776.00	759.10	683.10
	B		Above 600 mm to 900 mm dia	Metre	937.90	941.00	874.20	881.20	890.20	828.10	937.90	941.00	874.20	881.20	890.20	828.10
	C		Above 900 mm	Metre	1167.70	1076.10	1023.10	1103.00	1021.30	973.00	1167.70	1076.10	1023.10	1103.00	1021.30	973.00
B 2.05			Dismantling of Flexible Pavements Dismantling of flexible pavements and disposal of dismantled materials up to a lead of 1000 metres, stacking serviceable and unserviceable materials separately													
	(i)		By Manual Means													
	A		Bituminous courses	Cum	1466.70	1442.70	1418.60	1104.80	1086.70	1068.60	1466.70	1442.70	1418.60	1104.80	1086.70	1068.60
	B		Granular courses	Cum	980.50	964.40	948.30	739.50	727.30	715.20	980.50	964.40	948.30	739.50	727.30	715.20
	(ii)		By Mechanical Means													
	A		Bituminous courses	Cum	347.40	343.30	351.30	347.00	335.50	344.50	347.40	343.30	351.30	347.00	335.50	344.50
	B		Granular courses	Cum	958.10	839.90	821.40	858.70	756.10	737.90	958.10	839.90	821.40	858.70	756.10	737.90
B 2.06			Dismantling of Cement Concrete Pavement													
			Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 meters, stacking servicable and unservicable materials seperately.	Cum	423.60	444.60	443.40	374.00	391.80	390.50	423.60	444.60	443.40	374.00	391.80	390.50
B 2.07			Dismantling guard rails													
			Dismantling guard rails by manual means and disposal of dismantled material with all lifts and up to a lead of 1000 metres, stacking serviceable materials and unserviceable materials separately.	Metre	146.50	144.10	141.70	109.90	108.10	106.30	146.50	144.10	141.70	109.90	108.10	106.30
B 2.08			Dismantling kerb stone													
			Dismantling kerb stone by manual means and disposal of dismantled material with all lifts and up to a lead of 1000 metre	Metre	15.30	15.10	14.80	11.70	11.50	11.30	15.30	15.10	14.80	11.70	11.50	11.30

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(vi)		Scraping of Bricks Dismantled from Brick Work including Stacking.													
	A		In lime/Cement mortar	Nos	3401.60	3345.80	3290.10	2557.70	2515.80	2473.80	3401.60	3345.80	3290.10	2557.70	2515.80	2473.80
	B		In mud mortar	Nos	1215.60	1195.70	1175.70	913.50	898.50	883.50	1215.60	1195.70	1175.70	913.50	898.50	883.50
	(vii)		Scraping of Stone from Dismantled Stone Masonry													
	A		In cement and lime mortar	Cum	1360.40	1338.10	1315.80	1023.10	1006.30	989.50	1360.40	1338.10	1315.80	1023.10	1006.30	989.50
	B		In Mud mortar	Cum	291.60	286.80	282.00	219.20	215.60	212.00	291.60	286.80	282.00	219.20	215.60	212.00
	(viii)		Scarping Plaster in Lime or Cement Mortar from Brick/ Stone Masonry	Sqm	39.00	38.40	37.80	29.40	28.90	28.40	39.00	38.40	37.80	29.40	28.90	28.40
	(ix)		Removing all type of Hume Pipes and Stacking within a lead of 1000 metres including Earthwork and Dismantling of Masonry Works.													
	A		Up to 600 mm dia	Metre	849.10	805.90	725.30	776.00	759.10	683.10	849.10	805.90	725.30	776.00	759.10	683.10
	B		Above 600 mm to 900 mm dia	Metre	937.90	941.00	874.20	881.20	890.20	828.10	937.90	941.00	874.20	881.20	890.20	828.10
	C		Above 900 mm	Metre	1167.70	1076.10	1023.10	1103.00	1021.30	973.00	1167.70	1076.10	1023.10	1103.00	1021.30	973.00
B 2.05			Dismantling of Flexible Pavements Dismantling of flexible pavements and disposal of dismantled materials up to a lead of 1000 metres, stacking serviceable and unserviceable materials separately													
	(i)		By Manual Means													
	A		Bituminous courses	Cum	1466.70	1442.70	1418.60	1104.80	1086.70	1068.60	1466.70	1442.70	1418.60	1104.80	1086.70	1068.60
	B		Granular courses	Cum	980.50	964.40	948.30	739.50	727.30	715.20	980.50	964.40	948.30	739.50	727.30	715.20
	(ii)		By Mechanical Means													
	A		Bituminous courses	Cum	347.40	343.30	351.30	347.00	335.50	344.50	347.40	343.30	351.30	347.00	335.50	344.50
	B		Granular courses	Cum	958.10	839.90	821.40	858.70	756.10	737.90	958.10	839.90	821.40	858.70	756.10	737.90
B 2.06			Dismantling of Cement Concrete Pavement Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 meters, stacking servicable and unservicable materials seperately.	Cum	423.60	444.60	443.40	374.00	391.80	390.50	423.60	444.60	443.40	374.00	391.80	390.50
B 2.07			Dismantling guard rails Dismantling guard rails by manual means and disposal of dismantled material with all lifts and up to a lead of 1000 metres, stacking serviceable materials and unserviceable materials separately.	Metre	146.50	144.10	141.70	109.90	108.10	106.30	146.50	144.10	141.70	109.90	108.10	106.30
B 2.08			Dismantling kerb stone Dismantling kerb stone by manual means and disposal of dismantled material with all lifts and up to a lead of 1000 metre	Metre	15.30	15.10	14.80	11.70	11.50	11.30	15.30	15.10	14.80	11.70	11.50	11.30

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 2.09			Dismantling kerb stone channel													
			Dismantling kerb stone channel by manual means and disposal of dismantled material with all lifts and up to a lead of 1000 metre	Metre	22.70	22.40	22.00	17.30	17.00	16.80	22.70	22.40	22.00	17.30	17.00	16.80
B 2.10			Dismantling of kilometre stone													
			Dismantling of kilometre stone including cutting of earth, foundation and disposal of dismantled material with all lifts and lead upto 1000 m and back filling of pit.													
	A		5th KM stone	Each	737.20	725.10	713.00	555.90	546.80	537.70	737.20	725.10	713.00	555.90	546.80	537.70
	B		Ordinary KM Stone	Each	491.40	483.40	475.30	370.60	364.50	358.40	491.40	483.40	475.30	370.60	364.50	358.40
	C		Hectometre Stone	Each	98.00	96.40	94.80	74.10	72.90	71.70	98.00	96.40	94.80	74.10	72.90	71.70
B 2.11			Dismantling of fencing													
			Dismantling of barbed wire fencing/ wire mesh fencing including posts, foundation concrete, back filling of pit by manual means including disposal of dismantled material with all lifts and up to a lead of 1000 metres, stacking serviceable material and unserviceable material separately.	Metre	130.20	128.10	125.90	98.60	97.00	95.40	130.20	128.10	125.90	98.60	97.00	95.40
B 2.12			Dismantling of CI water pipe line													
			Dismantling of CI water pipe line 600 mm dia including disposal with all lifts and lead upto 1000 metres and stacking of serviceable material and unserviceable material separately under supervision of concerned department	Metre	302.40	297.40	292.50	418.20	411.30	404.40	302.40	297.40	292.50	418.20	411.30	404.40
B 2.13			Removal of cement concrete pipe of sewer gutter													
			Removal of cement concrete pipe of sewer gutter 1500 mm dia under the supervision of concerned department including disposal with all lifts and up to a lead of 1000 metres and stacking of serviceable and unserviceable material separately but excluding earth excavation and dismantling of masonry works.	Metre	397.80	391.30	384.80	344.20	338.60	333.00	397.80	391.30	384.80	344.20	338.60	333.00
B 2.14			Removal of telephone / Electric poles and lines													
			Removal of telephone / Electric poles including excavation and dismantling of foundation concrete and lines under the supervision of concerned department, disposal with all lifts and up to a lead of 1000 metres and stacking the serviceable and unserviceable material separately	Each	416.30	409.50	402.60	313.60	308.50	303.40	416.30	409.50	402.60	313.60	308.50	303.40

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 2.09			Dismantling kerb stone channel													
			Dismantling kerb stone channel by manual means and disposal of dismantled material with all lifts and up to a lead of 1000 metre	Metre	22.70	22.40	22.00	17.30	17.00	16.80	22.70	22.40	22.00	17.30	17.00	16.80
B 2.10			Dismantling of kilometre stone													
			Dismantling of kilometre stone including cutting of earth, foundation and disposal of dismantled material with all lifts and lead upto 1000 m and back filling of pit.													
	A		5th KM stone	Each	737.20	725.10	713.00	555.90	546.80	537.70	737.20	725.10	713.00	555.90	546.80	537.70
	B		Ordinary KM Stone	Each	491.40	483.40	475.30	370.60	364.50	358.40	491.40	483.40	475.30	370.60	364.50	358.40
	C		Hectometre Stone	Each	98.00	96.40	94.80	74.10	72.90	71.70	98.00	96.40	94.80	74.10	72.90	71.70
B 2.11			Dismantling of fencing													
			Dismantling of barbed wire fencing/ wire mesh fencing including posts, foundation concrete, back filling of pit by manual means including disposal of dismantled material with all lifts and up to a lead of 1000 metres, stacking serviceable material and unserviceable material separately.	Metre	130.20	128.10	125.90	98.60	97.00	95.40	130.20	128.10	125.90	98.60	97.00	95.40
B 2.12			Dismantling of CI water pipe line													
			Dismantling of CI water pipe line 600 mm dia including disposal with all lifts and lead upto 1000 metres and stacking of serviceable material and unserviceable material separately under supervision of concerned department	Metre	302.40	297.40	292.50	418.20	411.30	404.40	302.40	297.40	292.50	418.20	411.30	404.40
B 2.13			Removal of cement concrete pipe of sewer gutter													
			Removal of cement concrete pipe of sewer gutter 1500 mm dia under the supervision of concerned department including disposal with all lifts and up to a lead of 1000 metres and stacking of serviceable and unserviceable material separately but excluding earth excavation and dismantling of masonry works.	Metre	397.80	391.30	384.80	344.20	338.60	333.00	397.80	391.30	384.80	344.20	338.60	333.00
B 2.14			Removal of telephone / Electric poles and lines													
			Removal of telephone / Electric poles including excavation and dismantling of foundation concrete and lines under the supervision of concerned department, disposal with all lifts and up to a lead of 1000 metres and stacking the serviceable and unserviceable material separately	Each	416.30	409.50	402.60	313.60	308.50	303.40	416.30	409.50	402.60	313.60	308.50	303.40

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 2.09			Dismantling kerb stone channel													
			Dismantling kerb stone channel by manual means and disposal of dismantled material with all lifts and up to a lead of 1000 metre	Metre	22.70	22.40	22.00	17.30	17.00	16.80	22.70	22.40	22.00	17.30	17.00	16.80
B 2.10			Dismantling of kilometre stone													
			Dismantling of kilometre stone including cutting of earth, foundation and disposal of dismantled material with all lifts and lead upto 1000 m and back filling of pit.													
	A		5th KM stone	Each	737.20	725.10	713.00	555.90	546.80	537.70	737.20	725.10	713.00	555.90	546.80	537.70
	B		Ordinary KM Stone	Each	491.40	483.40	475.30	370.60	364.50	358.40	491.40	483.40	475.30	370.60	364.50	358.40
	C		Hectometre Stone	Each	98.00	96.40	94.80	74.10	72.90	71.70	98.00	96.40	94.80	74.10	72.90	71.70
B 2.11			Dismantling of fencing													
			Dismantling of barbed wire fencing/ wire mesh fencing including posts, foundation concrete, back filling of pit by manual means including disposal of dismantled material with all lifts and up to a lead of 1000 metres, stacking serviceable material and unserviceable material separately.	Metre	130.20	128.10	125.90	98.60	97.00	95.40	130.20	128.10	125.90	98.60	97.00	95.40
B 2.12			Dismantling of CI water pipe line													
			Dismantling of CI water pipe line 600 mm dia including disposal with all lifts and lead upto 1000 metres and stacking of serviceable material and unserviceable material separately under supervision of concerned department	Metre	302.40	297.40	292.50	418.20	411.30	404.40	302.40	297.40	292.50	418.20	411.30	404.40
B 2.13			Removal of cement concrete pipe of sewer gutter													
			Removal of cement concrete pipe of sewer gutter 1500 mm dia under the supervision of concerned department including disposal with all lifts and up to a lead of 1000 metres and stacking of serviceable and unserviceable material separately but excluding earth excavation and dismantling of masonry works.	Metre	397.80	391.30	384.80	344.20	338.60	333.00	397.80	391.30	384.80	344.20	338.60	333.00
B 2.14			Removal of telephone / Electric poles and lines													
			Removal of telephone / Electric poles including excavation and dismantling of foundation concrete and lines under the supervision of concerned department, disposal with all lifts and up to a lead of 1000 metres and stacking the serviceable and unserviceable material separately	Each	416.30	409.50	402.60	313.60	308.50	303.40	416.30	409.50	402.60	313.60	308.50	303.40

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 2.09			Dismantling kerb stone channel													
			Dismantling kerb stone channel by manual means and disposal of dismantled material with all lifts and up to a lead of 1000 metre	Metre	22.70	22.40	22.00	17.30	17.00	16.80	22.70	22.40	22.00	17.30	17.00	16.80
B 2.10			Dismantling of kilometre stone													
			Dismantling of kilometre stone including cutting of earth, foundation and disposal of dismantled material with all lifts and lead upto 1000 m and back filling of pit.													
	A		5th KM stone	Each	737.20	725.10	713.00	555.90	546.80	537.70	737.20	725.10	713.00	555.90	546.80	537.70
	B		Ordinary KM Stone	Each	491.40	483.40	475.30	370.60	364.50	358.40	491.40	483.40	475.30	370.60	364.50	358.40
	C		Hectometre Stone	Each	98.00	96.40	94.80	74.10	72.90	71.70	98.00	96.40	94.80	74.10	72.90	71.70
B 2.11			Dismantling of fencing													
			Dismantling of barbed wire fencing/ wire mesh fencing including posts, foundation concrete, back filling of pit by manual means including disposal of dismantled material with all lifts and up to a lead of 1000 metres, stacking serviceable material and unserviceable material separately.	Metre	130.20	128.10	125.90	98.60	97.00	95.40	130.20	128.10	125.90	98.60	97.00	95.40
B 2.12			Dismantling of CI water pipe line													
			Dismantling of CI water pipe line 600 mm dia including disposal with all lifts and lead upto 1000 metres and stacking of serviceable material and unserviceable material separately under supervision of concerned department	Metre	302.40	297.40	292.50	418.20	411.30	404.40	302.40	297.40	292.50	418.20	411.30	404.40
B 2.13			Removal of cement concrete pipe of sewer gutter													
			Removal of cement concrete pipe of sewer gutter 1500 mm dia under the supervision of concerned department including disposal with all lifts and up to a lead of 1000 metres and stacking of serviceable and unserviceable material separately but excluding earth excavation and dismantling of masonry works.	Metre	397.80	391.30	384.80	344.20	338.60	333.00	397.80	391.30	384.80	344.20	338.60	333.00
B 2.14			Removal of telephone / Electric poles and lines													
			Removal of telephone / Electric poles including excavation and dismantling of foundation concrete and lines under the supervision of concerned department, disposal with all lifts and up to a lead of 1000 metres and stacking the serviceable and unserviceable material separately	Each	416.30	409.50	402.60	313.60	308.50	303.40	416.30	409.50	402.60	313.60	308.50	303.40

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 2.09			Dismantling kerb stone channel													
			Dismantling kerb stone channel by manual means and disposal of dismantled material with all lifts and up to a lead of 1000 metre	Metre	22.70	22.40	22.00	17.30	17.00	16.80	22.70	22.40	22.00	17.30	17.00	16.80
B 2.10			Dismantling of kilometre stone													
			Dismantling of kilometre stone including cutting of earth, foundation and disposal of dismantled material with all lifts and lead upto 1000 m and back filling of pit.													
	A		5th KM stone	Each	737.20	725.10	713.00	555.90	546.80	537.70	737.20	725.10	713.00	555.90	546.80	537.70
	B		Ordinary KM Stone	Each	491.40	483.40	475.30	370.60	364.50	358.40	491.40	483.40	475.30	370.60	364.50	358.40
	C		Hectometre Stone	Each	98.00	96.40	94.80	74.10	72.90	71.70	98.00	96.40	94.80	74.10	72.90	71.70
B 2.11			Dismantling of fencing													
			Dismantling of barbed wire fencing/ wire mesh fencing including posts, foundation concrete, back filling of pit by manual means including disposal of dismantled material with all lifts and up to a lead of 1000 metres, stacking serviceable material and unserviceable material separately.	Metre	130.20	128.10	125.90	98.60	97.00	95.40	130.20	128.10	125.90	98.60	97.00	95.40
B 2.12			Dismantling of CI water pipe line													
			Dismantling of CI water pipe line 600 mm dia including disposal with all lifts and lead upto 1000 metres and stacking of serviceable material and unserviceable material separately under supervision of concerned department	Metre	302.40	297.40	292.50	418.20	411.30	404.40	302.40	297.40	292.50	418.20	411.30	404.40
B 2.13			Removal of cement concrete pipe of sewer gutter													
			Removal of cement concrete pipe of sewer gutter 1500 mm dia under the supervision of concerned department including disposal with all lifts and up to a lead of 1000 metres and stacking of serviceable and unserviceable material separately but excluding earth excavation and dismantling of masonry works.	Metre	397.80	391.30	384.80	344.20	338.60	333.00	397.80	391.30	384.80	344.20	338.60	333.00
B 2.14			Removal of telephone / Electric poles and lines													
			Removal of telephone / Electric poles including excavation and dismantling of foundation concrete and lines under the supervision of concerned department, disposal with all lifts and up to a lead of 1000 metres and stacking the serviceable and unserviceable material separately	Each	416.30	409.50	402.60	313.60	308.50	303.40	416.30	409.50	402.60	313.60	308.50	303.40

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 2.09			Dismantling kerb stone channel													
			Dismantling kerb stone channel by manual means and disposal of dismantled material with all lifts and up to a lead of 1000 metre	Metre	22.70	22.40	22.00	17.30	17.00	16.80	22.70	22.40	22.00	17.30	17.00	16.80
B 2.10			Dismantling of kilometre stone													
			Dismantling of kilometre stone including cutting of earth, foundation and disposal of dismantled material with all lifts and lead upto 1000 m and back filling of pit.													
	A		5th KM stone	Each	737.20	725.10	713.00	555.90	546.80	537.70	737.20	725.10	713.00	555.90	546.80	537.70
	B		Ordinary KM Stone	Each	491.40	483.40	475.30	370.60	364.50	358.40	491.40	483.40	475.30	370.60	364.50	358.40
	C		Hectometre Stone	Each	98.00	96.40	94.80	74.10	72.90	71.70	98.00	96.40	94.80	74.10	72.90	71.70
B 2.11			Dismantling of fencing													
			Dismantling of barbed wire fencing/ wire mesh fencing including posts, foundation concrete, back filling of pit by manual means including disposal of dismantled material with all lifts and up to a lead of 1000 metres, stacking serviceable material and unserviceable material separately.	Metre	130.20	128.10	125.90	98.60	97.00	95.40	130.20	128.10	125.90	98.60	97.00	95.40
B 2.12			Dismantling of CI water pipe line													
			Dismantling of CI water pipe line 600 mm dia including disposal with all lifts and lead upto 1000 metres and stacking of serviceable material and unserviceable material separately under supervision of concerned department	Metre	302.40	297.40	292.50	418.20	411.30	404.40	302.40	297.40	292.50	418.20	411.30	404.40
B 2.13			Removal of cement concrete pipe of sewer gutter													
			Removal of cement concrete pipe of sewer gutter 1500 mm dia under the supervision of concerned department including disposal with all lifts and up to a lead of 1000 metres and stacking of serviceable and unserviceable material separately but excluding earth excavation and dismantling of masonry works.	Metre	397.80	391.30	384.80	344.20	338.60	333.00	397.80	391.30	384.80	344.20	338.60	333.00
B 2.14			Removal of telephone / Electric poles and lines													
			Removal of telephone / Electric poles including excavation and dismantling of foundation concrete and lines under the supervision of concerned department, disposal with all lifts and up to a lead of 1000 metres and stacking the serviceable and unserviceable material separately	Each	416.30	409.50	402.60	313.60	308.50	303.40	416.30	409.50	402.60	313.60	308.50	303.40

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			03 : EARTH WORK, EROSION CONTROL AND DRAINAGE													
B 3.01			Excavation in Soil by Manual Means .													
			Excavation for roadway in soil using manual means including loading in truck for carrying of cut earth to embankment site with all lifts and lead upto1000 metres.	Cum	446.50	439.10	431.80	356.00	350.20	344.40	446.50	439.10	431.80	356.00	350.20	344.40
B 3.02			Excavation in Ordinary Rock by Manual Means													
			Excavation in ordinary rock using manual means including loading in a truck and carrying of excavated material to embankment site with in all lifts and leads upto 1000 metres	Cum	648.90	638.30	627.70	508.30	499.90	491.60	648.90	638.30	627.70	508.30	499.90	491.60
B 3.03			Excavation in Soil with Dozer with lead upto 1000 metres													
			Excavation for road way in soil by mechanical means including cutting and transporting the earth to site of embankment/dumping area with lead upto 1000 metres, including trimming bottom and side slopes in accordance with requirements of lines, grades and cross sections.	Cum	94.70	80.50	79.70	79.90	68.40	67.10	266.80	200.60	197.10	252.00	188.60	184.50
B 3.04			Excavation in Ordinary Rock with Dozer with lead upto 1000 metres													
			Excavation for roadway in ordinary rock by deploying a dozer, including cutting and transporting the earth to site of embankment/dumping area with lead upto 1000 metres, trimming bottom and side slopes in accordance with the requirements of lines, grades and cross sections.	Cum	183.10	154.20	153.60	151.40	129.50	128.20	389.70	298.30	294.40	357.90	273.70	269.10
B 3.05			Excavation in Hard Rock (requiring blasting) with disposal upto 1000 metres													
			Excavation for roadway in hard rock (requiring blasting) by drilling, blasting and breaking, trimming of bottom and side slopes in accordance with requirements of lines, grades and cross sections, loading and disposal of cut road with in all lifts and leads upto 1000 metres	Cum	825.80	782.30	772.20	781.00	746.20	735.40	996.70	891.50	878.70	951.90	855.30	841.80
B 3.06			Excavation in Soil using Hydraulic Excavator and Tippers with Disposal upto 1000 metres.													
			Excavation for roadwork in soil with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m	Cum	88.60	83.50	74.40	77.70	73.10	65.20	88.60	83.50	74.40	77.70	73.10	65.20

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			03 : EARTH WORK, EROSION CONTROL AND DRAINAGE													
B 3.01			Excavation in Soil by Manual Means .													
			Excavation for roadway in soil using manual means including loading in truck for carrying of cut earth to embankment site with all lifts and lead upto1000 metres.	Cum	446.50	439.10	431.80	356.00	350.20	344.40	446.50	439.10	431.80	356.00	350.20	344.40
B 3.02			Excavation in Ordinary Rock by Manual Means													
			Excavation in ordinary rock using manual means including loading in a truck and carrying of excavated material to embankment site with in all lifts and leads upto 1000 metres	Cum	648.90	638.30	627.70	508.30	499.90	491.60	648.90	638.30	627.70	508.30	499.90	491.60
B 3.03			Excavation in Soil with Dozer with lead upto 1000 metres													
			Excavation for road way in soil by mechanical means including cutting and transporting the earth to site of embankment/dumping area with lead upto 1000 metres, including trimming bottom and side slopes in accordance with requirements of lines, grades and cross sections.	Cum	94.70	80.50	79.70	79.90	68.40	67.10	94.70	80.50	79.70	79.90	68.40	67.10
B 3.04			Excavation in Ordinary Rock with Dozer with lead upto 1000 metres													
			Excavation for roadway in ordinary rock by deploying a dozer, including cutting and transporting the earth to site of embankment/dumping area with lead upto 1000 metres, trimming bottom and side slopes in accordance with the requirements of lines, grades and cross sections.	Cum	183.10	154.20	153.60	151.40	129.50	128.20	183.10	154.20	153.60	151.40	129.50	128.20
B 3.05			Excavation in Hard Rock (requiring blasting) with disposal upto 1000 metres													
			Excavation for roadway in hard rock (requiring blasting) by drilling, blasting and breaking, trimming of bottom and side slopes in accordance with requirements of lines, grades and cross sections, loading and disposal of cut road with in all lifts and leads upto 1000 metres	Cum	825.80	782.30	772.20	781.00	746.20	735.40	861.40	817.30	806.70	816.70	781.20	769.80
B 3.06			Excavation in Soil using Hydraulic Excavator and Tippers with Disposal upto 1000 metres.													
			Excavation for roadwork in soil with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m	Cum	88.60	83.50	74.40	77.70	73.10	65.20	88.60	83.50	74.40	77.70	73.10	65.20

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			03 : EARTH WORK, EROSION CONTROL AND DRAINAGE													
B 3.01			Excavation in Soil by Manual Means .													
			Excavation for roadway in soil using manual means including loading in truck for carrying of cut earth to embankment site with all lifts and lead upto1000 metres.	Cum	446.50	439.10	431.80	356.00	350.20	344.40	446.50	439.10	431.80	356.00	350.20	344.40
B 3.02			Excavation in Ordinary Rock by Manual Means													
			Excavation in ordinary rock using manual means including loading in a truck and carrying of excavated material to embankment site with in all lifts and leads upto 1000 metres	Cum	648.90	638.30	627.70	508.30	499.90	491.60	648.90	638.30	627.70	508.30	499.90	491.60
B 3.03			Excavation in Soil with Dozer with lead upto 1000 metres													
			Excavation for road way in soil by mechanical means including cutting and transporting the earth to site of embankment/dumping area with lead upto 1000 metres, including trimming bottom and side slopes in accordance with requirements of lines, grades and cross sections.	Cum	94.70	80.50	79.70	79.90	68.40	67.10	94.70	80.50	79.70	79.90	68.40	67.10
B 3.04			Excavation in Ordinary Rock with Dozer with lead upto 1000 metres													
			Excavation for roadway in ordinary rock by deploying a dozer, including cutting and transporting the earth to site of embankment/dumping area with lead upto 1000 metres, trimming bottom and side slopes in accordance with the requirements of lines, grades and cross sections.	Cum	183.10	154.20	153.60	151.40	129.50	128.20	183.10	154.20	153.60	151.40	129.50	128.20
B 3.05			Excavation in Hard Rock (requiring blasting) with disposal upto 1000 metres													
			Excavation for roadway in hard rock (requiring blasting) by drilling, blasting and breaking, trimming of bottom and side slopes in accordance with requirements of lines, grades and cross sections, loading and disposal of cut road with in all lifts and leads upto 1000 metres	Cum	927.60	882.40	870.70	882.80	846.20	833.80	912.30	867.40	855.90	867.50	831.20	819.00
B 3.06			Excavation in Soil using Hydraulic Excavator and Tippers with Disposal upto 1000 metres.													
			Excavation for roadwork in soil with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m	Cum	88.60	83.50	74.40	77.70	73.10	65.20	88.60	83.50	74.40	77.70	73.10	65.20

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			03 : EARTH WORK, EROSION CONTROL AND DRAINAGE													
B 3.01			Excavation in Soil by Manual Means .													
			Excavation for roadway in soil using manual means including loading in truck for carrying of cut earth to embankment site with all lifts and lead upto1000 metres.	Cum	446.50	439.10	431.80	356.00	350.20	344.40	446.50	439.10	431.80	356.00	350.20	344.40
B 3.02			Excavation in Ordinary Rock by Manual Means													
			Excavation in ordinary rock using manual means including loading in a truck and carrying of excavated material to embankment site with in all lifts and leads upto 1000 metres	Cum	648.90	638.30	627.70	508.30	499.90	491.60	648.90	638.30	627.70	508.30	499.90	491.60
B 3.03			Excavation in Soil with Dozer with lead upto 1000 metres													
			Excavation for road way in soil by mechanical means including cutting and transporting the earth to site of embankment/dumping area with lead upto 1000 metres, including trimming bottom and side slopes in accordance with requirements of lines, grades and cross sections.	Cum	94.70	80.50	79.70	79.90	68.40	67.10	94.70	80.50	79.70	79.90	68.40	67.10
B 3.04			Excavation in Ordinary Rock with Dozer with lead upto 1000 metres													
			Excavation for roadway in ordinary rock by deploying a dozer, including cutting and transporting the earth to site of embankment/dumping area with lead upto 1000 metres, trimming bottom and side slopes in accordance with the requirements of lines, grades and cross sections.	Cum	183.10	154.20	153.60	151.40	129.50	128.20	183.10	154.20	153.60	151.40	129.50	128.20
B 3.05			Excavation in Hard Rock (requiring blasting) with disposal upto 1000 metres													
			Excavation for roadway in hard rock (requiring blasting) by drilling, blasting and breaking, trimming of bottom and side slopes in accordance with requirements of lines, grades and cross sections, loading and disposal of cut road with in all lifts and leads upto 1000 metres	Cum	836.00	792.30	782.10	791.20	756.20	745.20	932.70	887.40	875.60	887.90	851.20	838.70
B 3.06			Excavation in Soil using Hydraulic Excavator and Tippers with Disposal upto 1000 metres.													
			Excavation for roadwork in soil with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m	Cum	88.60	83.50	74.40	77.70	73.10	65.20	88.60	83.50	74.40	77.70	73.10	65.20

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			03 : EARTH WORK, EROSION CONTROL AND DRAINAGE													
B 3.01			Excavation in Soil by Manual Means .													
			Excavation for roadway in soil using manual means including loading in truck for carrying of cut earth to embankment site with all lifts and lead upto1000 metres.	Cum	446.50	439.10	431.80	356.00	350.20	344.40	446.50	439.10	431.80	356.00	350.20	344.40
B 3.02			Excavation in Ordinary Rock by Manual Means													
			Excavation in ordinary rock using manual means including loading in a truck and carrying of excavated material to embankment site with in all lifts and leads upto 1000 metres	Cum	648.90	638.30	627.70	508.30	499.90	491.60	648.90	638.30	627.70	508.30	499.90	491.60
B 3.03			Excavation in Soil with Dozer with lead upto 1000 metres													
			Excavation for road way in soil by mechanical means including cutting and transporting the earth to site of embankment/dumping area with lead upto 1000 metres, including trimming bottom and side slopes in accordance with requirements of lines, grades and cross sections.	Cum	94.70	80.50	79.70	79.90	68.40	67.10	94.70	80.50	79.70	79.90	68.40	67.10
B 3.04			Excavation in Ordinary Rock with Dozer with lead upto 1000 metres													
			Excavation for roadway in ordinary rock by deploying a dozer, including cutting and transporting the earth to site of embankment/dumping area with lead upto 1000 metres, trimming bottom and side slopes in accordance with the requirements of lines, grades and cross sections.	Cum	183.10	154.20	153.60	151.40	129.50	128.20	183.10	154.20	153.60	151.40	129.50	128.20
B 3.05			Excavation in Hard Rock (requiring blasting) with disposal upto 1000 metres													
			Excavation for roadway in hard rock (requiring blasting) by drilling, blasting and breaking, trimming of bottom and side slopes in accordance with requirements of lines, grades and cross sections, loading and disposal of cut road with in all lifts and leads upto 1000 metres	Cum	841.10	797.30	787.00	796.30	761.20	750.10	886.90	842.40	831.30	842.10	806.20	794.40
B 3.06			Excavation in Soil using Hydraulic Excavator and Tippers with Disposal upto 1000 metres.													
			Excavation for roadwork in soil with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m	Cum	88.60	83.50	74.40	77.70	73.10	65.20	88.60	83.50	74.40	77.70	73.10	65.20

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			03 : EARTH WORK, EROSION CONTROL AND DRAINAGE													
B 3.01			Excavation in Soil by Manual Means .													
			Excavation for roadway in soil using manual means including loading in truck for carrying of cut earth to embankment site with all lifts and lead upto1000 metres.	Cum	446.50	439.10	431.80	356.00	350.20	344.40	446.50	439.10	431.80	356.00	350.20	344.40
B 3.02			Excavation in Ordinary Rock by Manual Means													
			Excavation in ordinary rock using manual means including loading in a truck and carrying of excavated material to embankment site with in all lifts and leads upto 1000 metres	Cum	648.90	638.30	627.70	508.30	499.90	491.60	648.90	638.30	627.70	508.30	499.90	491.60
B 3.03			Excavation in Soil with Dozer with lead upto 1000 metres													
			Excavation for road way in soil by mechanical means including cutting and transporting the earth to site of embankment/dumping area with lead upto 1000 metres, including trimming bottom and side slopes in accordance with requirements of lines, grades and cross sections.	Cum	94.70	80.50	79.70	79.90	68.40	67.10	94.70	80.50	79.70	79.90	68.40	67.10
B 3.04			Excavation in Ordinary Rock with Dozer with lead upto 1000 metres													
			Excavation for roadway in ordinary rock by deploying a dozer, including cutting and transporting the earth to site of embankment/dumping area with lead upto 1000 metres, trimming bottom and side slopes in accordance with the requirements of lines, grades and cross sections.	Cum	183.10	154.20	153.60	151.40	129.50	128.20	183.10	154.20	153.60	151.40	129.50	128.20
B 3.05			Excavation in Hard Rock (requiring blasting) with disposal upto 1000 metres													
			Excavation for roadway in hard rock (requiring blasting) by drilling, blasting and breaking, trimming of bottom and side slopes in accordance with requirements of lines, grades and cross sections, loading and disposal of cut road with in all lifts and leads upto 1000 metres	Cum	983.50	937.40	924.80	938.80	901.30	887.90	953.00	907.40	895.30	908.20	871.30	858.40
B 3.06			Excavation in Soil using Hydraulic Excavator and Tippers with Disposal upto 1000 metres.													
			Excavation for roadwork in soil with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m	Cum	88.60	83.50	74.40	77.70	73.10	65.20	88.60	83.50	74.40	77.70	73.10	65.20

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 3.07			Excavation in Ordinary Rock using Hydraulic Excavator and Tippers with Disposal upto 1000 metres													
			Excavation for roadwork in Ordinary Rock with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m	Cum	408.60	449.90	441.60	346.50	380.80	373.50	615.10	594.10	582.50	553.00	525.00	514.30
B 3.08			Excavation in Hard Rock (blasting prohibited)													
			Excavation for roadwork in Hard Rock (blasting prohibited) with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m													
	A		Mechanical Method	Cum	165.40	162.70	160.00	165.40	162.70	160.00	361.10	296.20	290.40	361.10	296.20	290.40
	B		Manual Method	Cum	3427.30	3371.10	3314.90	2665.80	2622.10	2578.40	3416.40	3360.40	3304.40	2655.00	2611.50	2568.00
B 3.09			Excavation in Hard Rock (controlled blasting) with disposal upto 1000 metres													
			Excavation for roadway in hard rock (requiring blasting) by drilling, blasting and breaking, trimming of bottom and side slopes in accordance with requirements of lines, grades and cross sections, loading and disposal of cut road with in all lifts and leads upto 1000 metres	Cum	544.40	535.40	526.50	544.40	535.40	526.50	508.70	500.40	492.10	508.70	500.40	492.10
B 3.10			Excavation in Marshy Soil using Hydraulic Excavator and Tippers with Disposal upto 1000 metres.													
			Excavation for roadwork in Marshy Soil with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m	Cum	173.70	150.90	145.80	149.20	129.70	125.10	173.70	150.90	145.80	149.20	129.70	125.10
B 3.11			Removal of Unserviceable Soil with Disposal upto 1000 metres													
			Removal of unserviceable soil including excavation, loading and disposal upto 1000 metres lead but excluding replacement by suitable soil which shall be paid separately as per clause 305.	Cum	89.70	78.30	75.30	78.70	68.70	66.00	89.70	78.30	75.30	78.70	68.70	66.00

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 3.07			Excavation in Ordinary Rock using Hydraulic Excavator and Tippers with Disposal upto 1000 metres													
			Excavation for roadwork in Ordinary Rock with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m	Cum	408.60	449.90	441.60	346.50	380.80	373.50	408.60	449.90	441.60	346.50	380.80	373.50
B 3.08			Excavation in Hard Rock (blasting prohibited)													
			Excavation for roadwork in Hard Rock (blasting prohibited) with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m													
	A		Mechanical Method	Cum	165.40	162.70	160.00	165.40	162.70	160.00	176.20	173.30	170.40	176.20	173.30	170.40
	B		Manual Method	Cum	3427.30	3371.10	3314.90	2665.80	2622.10	2578.40	3438.10	3381.70	3325.40	2676.70	2632.80	2588.90
B 3.09			Excavation in Hard Rock (controlled blasting) with disposal upto 1000 metres													
			Excavation for roadway in hard rock (requiring blasting) by drilling, blasting and breaking, trimming of bottom and side slopes in accordance with requirements of lines, grades and cross sections, loading and disposal of cut road with in all lifts and leads upto 1000 metres	Cum	544.40	535.40	526.50	544.40	535.40	526.50	580.00	570.50	560.90	580.00	570.50	560.90
B 3.10			Excavation in Marshy Soil using Hydraulic Excavator and Tippers with Disposal upto 1000 metres.													
			Excavation for roadwork in Marshy Soil with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m	Cum	173.70	150.90	145.80	149.20	129.70	125.10	173.70	150.90	145.80	149.20	129.70	125.10
B 3.11			Removal of Unserviceable Soil with Disposal upto 1000 metres													
			Removal of unserviceable soil including excavation, loading and disposal upto 1000 metres lead but excluding replacement by suitable soil which shall be paid separately as per clause 305.	Cum	89.70	78.30	75.30	78.70	68.70	66.00	89.70	78.30	75.30	78.70	68.70	66.00

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 3.07			Excavation in Ordinary Rock using Hydraulic Excavator and Tippers with Disposal upto 1000 metres													
			Excavation for roadwork in Ordinary Rock with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m	Cum	408.60	449.90	441.60	346.50	380.80	373.50	408.60	449.90	441.60	346.50	380.80	373.50
B 3.08			Excavation in Hard Rock (blasting prohibited)													
			Excavation for roadwork in Hard Rock (blasting prohibited) with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m													
	A		Mechanical Method	Cum	196.30	193.10	189.90	196.30	193.10	189.90	191.70	188.50	185.40	191.70	188.50	185.40
	B		Manual Method	Cum	3458.20	3401.50	3344.80	2696.80	2652.60	2608.30	3453.50	3396.90	3340.30	2692.10	2648.00	2603.90
B 3.09			Excavation in Hard Rock (controlled blasting) with disposal upto 1000 metres													
			Excavation for roadway in hard rock (requiring blasting) by drilling, blasting and breaking, trimming of bottom and side slopes in accordance with requirements of lines, grades and cross sections, loading and disposal of cut road with in all lifts and leads upto 1000 metres	Cum	646.10	635.50	624.90	646.10	635.50	624.90	630.80	620.50	610.20	630.80	620.50	610.20
B 3.10			Excavation in Marshy Soil using Hydraulic Excavator and Tippers with Disposal upto 1000 metres.													
			Excavation for roadwork in Marshy Soil with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m	Cum	173.70	150.90	145.80	149.20	129.70	125.10	173.70	150.90	145.80	149.20	129.70	125.10
B 3.11			Removal of Unserviceable Soil with Disposal upto 1000 metres													
			Removal of unserviceable soil including excavation, loading and disposal upto 1000 metres lead but excluding replacement by suitable soil which shall be paid separately as per clause 305.	Cum	89.70	78.30	75.30	78.70	68.70	66.00	89.70	78.30	75.30	78.70	68.70	66.00

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 3.07			Excavation in Ordinary Rock using Hydraulic Excavator and Tippers with Disposal upto 1000 metres													
			Excavation for roadwork in Ordinary Rock with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m	Cum	408.60	449.90	441.60	346.50	380.80	373.50	408.60	449.90	441.60	346.50	380.80	373.50
B 3.08			Excavation in Hard Rock (blasting prohibited)													
			Excavation for roadwork in Hard Rock (blasting prohibited) with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m													
	A		Mechanical Method	Cum	168.50	165.70	163.00	168.50	165.70	163.00	197.90	194.60	191.40	197.90	194.60	191.40
	B		Manual Method	Cum	3430.40	3374.10	3317.90	2668.90	2625.20	2581.40	3459.70	3403.00	3346.30	2698.30	2654.10	2609.80
B 3.09			Excavation in Hard Rock (controlled blasting) with disposal upto 1000 metres													
			Excavation for roadway in hard rock (requiring blasting) by drilling, blasting and breaking, trimming of bottom and side slopes in accordance with requirements of lines, grades and cross sections, loading and disposal of cut road with in all lifts and leads upto 1000 metres	Cum	554.50	545.40	536.30	554.50	545.40	536.30	651.20	640.50	629.80	651.20	640.50	629.80
B 3.10			Excavation in Marshy Soil using Hydraulic Excavator and Tippers with Disposal upto 1000 metres.													
			Excavation for roadwork in Marshy Soil with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m	Cum	173.70	150.90	145.80	149.20	129.70	125.10	173.70	150.90	145.80	149.20	129.70	125.10
B 3.11			Removal of Unserviceable Soil with Disposal upto 1000 metres													
			Removal of unserviceable soil including excavation, loading and disposal upto 1000 metres lead but excluding replacement by suitable soil which shall be paid separately as per clause 305.	Cum	89.70	78.30	75.30	78.70	68.70	66.00	89.70	78.30	75.30	78.70	68.70	66.00

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 3.07			Excavation in Ordinary Rock using Hydraulic Excavator and Tippers with Disposal upto 1000 metres													
			Excavation for roadwork in Ordinary Rock with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m	Cum	408.60	449.90	441.60	346.50	380.80	373.50	408.60	449.90	441.60	346.50	380.80	373.50
B 3.08			Excavation in Hard Rock (blasting prohibited)													
			Excavation for roadwork in Hard Rock (blasting prohibited) with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m													
	A		Mechanical Method	Cum	170.00	167.30	164.50	170.00	167.30	164.50	184.00	180.90	177.90	184.00	180.90	177.90
	B		Manual Method	Cum	3431.90	3375.60	3319.40	2670.50	2626.70	2582.90	3445.80	3389.30	3332.80	2684.40	2640.40	2596.40
B 3.09			Excavation in Hard Rock (controlled blasting) with disposal upto 1000 metres													
			Excavation for roadway in hard rock (requiring blasting) by drilling, blasting and breaking, trimming of bottom and side slopes in accordance with requirements of lines, grades and cross sections, loading and disposal of cut road with in all lifts and leads upto 1000 metres	Cum	559.60	550.40	541.30	559.60	550.40	541.30	605.40	595.50	585.60	605.40	595.50	585.60
B 3.10			Excavation in Marshy Soil using Hydraulic Excavator and Tippers with Disposal upto 1000 metres.													
			Excavation for roadwork in Marshy Soil with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m	Cum	173.70	150.90	145.80	149.20	129.70	125.10	173.70	150.90	145.80	149.20	129.70	125.10
B 3.11			Removal of Unserviceable Soil with Disposal upto 1000 metres													
			Removal of unserviceable soil including excavation, loading and disposal upto 1000 metres lead but excluding replacement by suitable soil which shall be paid separately as per clause 305.	Cum	89.70	78.30	75.30	78.70	68.70	66.00	89.70	78.30	75.30	78.70	68.70	66.00

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 3.07			Excavation in Ordinary Rock using Hydraulic Excavator and Tippers with Disposal upto 1000 metres													
			Excavation for roadwork in Ordinary Rock with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m	Cum	408.60	449.90	441.60	346.50	380.80	373.50	408.60	449.90	441.60	346.50	380.80	373.50
B 3.08			Excavation in Hard Rock (blasting prohibited)													
			Excavation for roadwork in Hard Rock (blasting prohibited) with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m													
	A		Mechanical Method	Cum	213.30	209.80	206.30	213.30	209.80	206.30	204.10	200.70	197.40	204.10	200.70	197.40
	B		Manual Method	Cum	3475.20	3418.20	3361.30	2713.80	2669.30	2624.80	3465.90	3409.10	3352.30	2704.50	2660.20	2615.80
B 3.09			Excavation in Hard Rock (controlled blasting) with disposal upto 1000 metres													
			Excavation for roadway in hard rock (requiring blasting) by drilling, blasting and breaking, trimming of bottom and side slopes in accordance with requirements of lines, grades and cross sections, loading and disposal of cut road with in all lifts and leads upto 1000 metres	Cum	702.10	690.60	679.00	702.10	690.60	679.00	671.50	660.50	649.50	671.50	660.50	649.50
B 3.10			Excavation in Marshy Soil using Hydraulic Excavator and Tippers with Disposal upto 1000 metres.													
			Excavation for roadwork in Marshy Soil with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m	Cum	173.70	150.90	145.80	149.20	129.70	125.10	173.70	150.90	145.80	149.20	129.70	125.10
B 3.11			Removal of Unserviceable Soil with Disposal upto 1000 metres													
			Removal of unserviceable soil including excavation, loading and disposal upto 1000 metres lead but excluding replacement by suitable soil which shall be paid separately as per clause 305.	Cum	89.70	78.30	75.30	78.70	68.70	66.00	89.70	78.30	75.30	78.70	68.70	66.00

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 3.12			Presplitting of Rock Excavation Slopes													
			Carrying out excavation in hard rock to achieve a specified slope of the rock face by controlled use of explosives and blasting accessories in properly aligned and spaced drill holes, collection of the excavated rock by a dozer, loading in tipper by a front end loader and disposing of the material with all lifts and lead upto 1000 m, all as specified in clause No. 303	Sqm	242.60	227.40	227.80	229.90	217.60	217.10	293.90	260.10	259.70	281.10	250.30	249.00
B 3.13			Excavation for Structures													
			Earthwork in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps ad other deleterious matter, dressing of sides and bottom, backfilling the excavation earth to the extent required and utilising the remaining earth locally for road work													
	(i)		Ordinary soil													
	A		<i>Manual Means : Depth upto 3 m</i>	Cum	777.60	764.80	752.10	584.60	575.00	565.40	777.60	764.80	752.10	584.60	575.00	565.40
	B		<i>Mechanical Means : Depth upto 3 m</i>	Cum	91.60	82.90	82.00	76.30	68.80	68.00	91.60	82.90	82.00	76.30	68.80	68.00
	(ii)		Ordinary Rock (not requiring blasting)													
	A		<i>Manual Means : Depth upto 3 m</i>	Cum	971.90	956.00	940.10	730.80	718.80	706.80	971.90	956.00	940.10	730.80	718.80	706.80
	B		<i>Mechanical Means</i>	Cum	528.90	558.10	550.40	453.20	477.40	470.70	528.90	558.10	550.40	453.20	477.40	470.70
	(iii)		Hard Rock (requiring blasting)													
	A		<i>Mechanical Means</i>	Cum	592.70	576.50	566.80	563.40	548.50	539.20	567.90	552.10	542.80	538.60	524.20	515.30
	(iv)		Hard Rock (blasting prohibited)													
	A		<i>Mechanical Means</i>	Cum	1053.20	1026.60	1011.20	881.70	859.20	846.20	1053.20	1026.60	1011.20	881.70	859.20	846.20
	(v)		Marshy soil													
	A		<i>Manual Means : Depth upto 3 m</i>	Cum	1050.70	1033.40	1016.20	809.50	796.20	783.00	1046.40	1029.30	1012.10	805.30	792.10	778.90
	B		<i>Mechanical Means</i>	Cum	341.70	305.80	296.60	305.00	274.00	265.70	336.60	300.80	291.70	299.90	269.00	260.80
B 3.14			Scarifying the existing granular road surface to a depth of 50 mm and disposal of scarified material within all lifts and leads upto 1000 metres.													
	(i)		Scarifying Existing Granular Surface to a Depth of 50 mm by Manual Means	Sqm	49.50	48.70	47.80	37.40	36.80	36.20	49.50	48.70	47.80	37.40	36.80	36.20
	(ii)		By Mechanical Means using Hydraulic excavator	Sqm	5.70	5.00	4.80	5.00	4.40	4.20	5.70	5.00	4.80	5.00	4.40	4.20
	(iii)		By Mechanical Means using Motor Grader	Sqm	65.90	75.80	76.50	65.70	75.60	76.40	65.90	75.80	76.50	65.70	75.60	76.40
B 3.15			Scarifying the existing bituminous surface to a depth of 50 mm and disposal of scarified material within all lifts and leads upto 1000 metres.													
	(i)		By Mechanical Means using Hydraulic excavator	Sqm	6.80	5.90	5.70	5.90	5.20	5.00	6.80	5.90	5.70	5.90	5.20	5.00
	(ii)		By Mechanical Means using Motor Grader	Sqm	65.90	75.80	76.60	65.90	75.80	76.60	65.90	75.80	76.60	65.90	75.80	76.60

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 3.12			Presplitting of Rock Excavation Slopes													
			Carrying out excavation in hard rock to achieve a specified slope of the rock face by controlled use of explosives and blasting accessories in properly aligned and spaced drill holes, collection of the excavated rock by a dozer, loading in tipper by a front end loader and disposing of the material with all lifts and lead upto 1000 m, all as specified in clause No. 303	Sqm	242.60	227.40	227.80	229.90	217.60	217.10	253.30	237.90	238.10	240.50	228.10	227.40
B 3.13			Excavation for Structures													
			Earthwork in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps ad other deleterious matter, dressing of sides and bottom, backfilling the excavation earth to the extent required and utilising the remaining earth locally for road work													
	(i)		Ordinary soil													
	A		<i>Manual Means : Depth upto 3 m</i>	Cum	777.60	764.80	752.10	584.60	575.00	565.40	777.60	764.80	752.10	584.60	575.00	565.40
	B		<i>Mechanical Means : Depth upto 3 m</i>	Cum	91.60	82.90	82.00	76.30	68.80	68.00	91.60	82.90	82.00	76.30	68.80	68.00
	(ii)		Ordinary Rock (not requiring blasting)													
	A		<i>Manual Means : Depth upto 3 m</i>	Cum	971.90	956.00	940.10	730.80	718.80	706.80	971.90	956.00	940.10	730.80	718.80	706.80
	B		<i>Mechanical Means</i>	Cum	528.90	558.10	550.40	453.20	477.40	470.70	528.90	558.10	550.40	453.20	477.40	470.70
	(iii)		Hard Rock (requiring blasting)													
	A		<i>Mechanical Means</i>	Cum	592.70	576.50	566.80	563.40	548.50	539.20	617.50	600.90	590.70	588.20	572.90	563.20
	(iv)		Hard Rock (blasting prohibited)													
	A		<i>Mechanical Means</i>	Cum	1053.20	1026.60	1011.20	881.70	859.20	846.20	1053.20	1026.60	1011.20	881.70	859.20	846.20
	(v)		Marshy soil													
	A		<i>Manual Means : Depth upto 3 m</i>	Cum	1050.70	1033.40	1016.20	809.50	796.20	783.00	1054.90	1037.60	1020.30	813.70	800.40	787.10
	B		<i>Mechanical Means</i>	Cum	341.70	305.80	296.60	305.00	274.00	265.70	346.80	310.80	301.60	310.10	279.00	270.60
B 3.14			Scarifying the existing granular road surface to a depth of 50 mm and disposal of scarified material within all lifts and leads upto 1000 metres.													
	(i)		Scarifying Existing Granular Surface to a Depth of 50 mm by Manual Means	Sqm	49.50	48.70	47.80	37.40	36.80	36.20	49.50	48.70	47.80	37.40	36.80	36.20
	(ii)		By Mechanical Means using Hydraulic excavator	Sqm	5.70	5.00	4.80	5.00	4.40	4.20	5.70	5.00	4.80	5.00	4.40	4.20
	(iii)		By Mechanical Means using Motor Grader	Sqm	65.90	75.80	76.50	65.70	75.60	76.40	65.90	75.80	76.50	65.70	75.60	76.40
B 3.15			Scarifying the existing bituminous surface to a depth of 50 mm and disposal of scarified material within all lifts and leads upto 1000 metres.													
	(i)		By Mechanical Means using Hydraulic excavator	Sqm	6.80	5.90	5.70	5.90	5.20	5.00	6.80	5.90	5.70	5.90	5.20	5.00
	(ii)		By Mechanical Means using Motor Grader	Sqm	65.90	75.80	76.60	65.90	75.80	76.60	65.90	75.80	76.60	65.90	75.80	76.60

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 3.12			Presplitting of Rock Excavation Slopes													
			Carrying out excavation in hard rock to achieve a specified slope of the rock face by controlled use of explosives and blasting accessories in properly aligned and spaced drill holes, collection of the excavated rock by a dozer, loading in tipper by a front end loader and disposing of the material with all lifts and lead upto 1000 m, all as specified in clause No. 303	Sqm	273.10	257.40	257.30	260.40	247.60	246.60	268.50	252.90	252.90	255.80	243.10	242.20
B 3.13			Excavation for Structures													
			Earthwork in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps ad other deleterious matter, dressing of sides and bottom, backfilling the excavation earth to the extent required and utilising the remaining earth locally for road work													
	(i)		Ordinary soil													
	A		<i>Manual Means : Depth upto 3 m</i>	Cum	777.60	764.80	752.10	584.60	575.00	565.40	777.60	764.80	752.10	584.60	575.00	565.40
	B		<i>Mechanical Means : Depth upto 3 m</i>	Cum	91.60	82.90	82.00	76.30	68.80	68.00	91.60	82.90	82.00	76.30	68.80	68.00
	(ii)		Ordinary Rock (not requiring blasting)													
	A		<i>Manual Means : Depth upto 3 m</i>	Cum	971.90	956.00	940.10	730.80	718.80	706.80	971.90	956.00	940.10	730.80	718.80	706.80
	B		<i>Mechanical Means</i>	Cum	528.90	558.10	550.40	453.20	477.40	470.70	528.90	558.10	550.40	453.20	477.40	470.70
	(iii)		Hard Rock (requiring blasting)													
	A		<i>Mechanical Means</i>	Cum	663.50	646.10	635.20	634.20	618.20	607.70	652.90	635.70	625.00	623.60	607.70	597.40
	(iv)		Hard Rock (blasting prohibited)													
	A		<i>Mechanical Means</i>	Cum	1053.20	1026.60	1011.20	881.70	859.20	846.20	1053.20	1026.60	1011.20	881.70	859.20	846.20
	(v)		Marshy soil													
	A		<i>Manual Means : Depth upto 3 m</i>	Cum	1062.80	1045.40	1027.90	821.60	808.20	794.70	1061.00	1043.60	1026.20	819.80	806.40	792.90
	B		<i>Mechanical Means</i>	Cum	356.30	320.10	310.70	319.50	288.30	279.80	354.10	318.00	308.60	317.30	286.20	277.70
B 3.14			Scarifying the existing granular road surface to a depth of 50 mm and disposal of scarified material within all lifts and leads upto 1000 metres.													
	(i)		Scarifying Existing Granular Surface to a Depth of 50 mm by Manual Means	Sqm	49.50	48.70	47.80	37.40	36.80	36.20	49.50	48.70	47.80	37.40	36.80	36.20
	(ii)		By Mechanical Means using Hydraulic excavator	Sqm	5.70	5.00	4.80	5.00	4.40	4.20	5.70	5.00	4.80	5.00	4.40	4.20
	(iii)		By Mechanical Means using Motor Grader	Sqm	65.90	75.80	76.50	65.70	75.60	76.40	65.90	75.80	76.50	65.70	75.60	76.40
B 3.15			Scarifying the existing bituminous surface to a depth of 50 mm and disposal of scarified material within all lifts and leads upto 1000 metres.													
	(i)		By Mechanical Means using Hydraulic excavator	Sqm	6.80	5.90	5.70	5.90	5.20	5.00	6.80	5.90	5.70	5.90	5.20	5.00
	(ii)		By Mechanical Means using Motor Grader	Sqm	65.90	75.80	76.60	65.90	75.80	76.60	65.90	75.80	76.60	65.90	75.80	76.60

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 3.12			Presplitting of Rock Excavation Slopes													
			Carrying out excavation in hard rock to achieve a specified slope of the rock face by controlled use of explosives and blasting accessories in properly aligned and spaced drill holes, collection of the excavated rock by a dozer, loading in tipper by a front end loader and disposing of the material with all lifts and lead upto 1000 m, all as specified in clause No. 303	Sqm	245.60	230.40	230.80	232.90	220.60	220.10	274.60	258.90	258.80	261.90	249.10	248.10
B 3.13			Excavation for Structures													
			Earthwork in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps ad other deleterious matter, dressing of sides and bottom, backfilling the excavation earth to the extent required and utilising the remaining earth locally for road work													
	(i)		Ordinary soil													
	A		<i>Manual Means : Depth upto 3 m</i>	Cum	777.60	764.80	752.10	584.60	575.00	565.40	777.60	764.80	752.10	584.60	575.00	565.40
	B		<i>Mechanical Means : Depth upto 3 m</i>	Cum	91.60	82.90	82.00	76.30	68.80	68.00	91.60	82.90	82.00	76.30	68.80	68.00
	(ii)		Ordinary Rock (not requiring blasting)													
	A		<i>Manual Means : Depth upto 3 m</i>	Cum	971.90	956.00	940.10	730.80	718.80	706.80	971.90	956.00	940.10	730.80	718.80	706.80
	B		<i>Mechanical Means</i>	Cum	528.90	558.10	550.40	453.20	477.40	470.70	528.90	558.10	550.40	453.20	477.40	470.70
	(iii)		Hard Rock (requiring blasting)													
	A		<i>Mechanical Means</i>	Cum	599.80	583.50	573.60	570.50	555.50	546.10	667.00	649.60	638.70	637.70	621.60	611.10
	(iv)		Hard Rock (blasting prohibited)													
	A		<i>Mechanical Means</i>	Cum	1053.20	1026.60	1011.20	881.70	859.20	846.20	1053.20	1026.60	1011.20	881.70	859.20	846.20
	(v)		Marshy soil													
	A		<i>Manual Means : Depth upto 3 m</i>	Cum	1051.90	1034.60	1017.40	810.70	797.40	784.10	1063.40	1045.90	1028.50	822.20	808.70	795.30
	B		<i>Mechanical Means</i>	Cum	343.20	307.30	298.00	306.40	275.40	267.10	357.00	320.90	311.40	320.30	289.00	280.50
B 3.14			Scarifying the existing granular road surface to a depth of 50 mm and disposal of scarified material within all lifts and leads upto 1000 metres.													
	(i)		Scarifying Existing Granular Surface to a Depth of 50 mm by Manual Means	Sqm	49.50	48.70	47.80	37.40	36.80	36.20	49.50	48.70	47.80	37.40	36.80	36.20
	(ii)		By Mechanical Means using Hydraulic excavator	Sqm	5.70	5.00	4.80	5.00	4.40	4.20	5.70	5.00	4.80	5.00	4.40	4.20
	(iii)		By Mechanical Means using Motor Grader	Sqm	65.90	75.80	76.50	65.70	75.60	76.40	65.90	75.80	76.50	65.70	75.60	76.40
B 3.15			Scarifying the existing bituminous surface to a depth of 50 mm and disposal of scarified material within all lifts and leads upto 1000 metres.													
	(i)		By Mechanical Means using Hydraulic excavator	Sqm	6.80	5.90	5.70	5.90	5.20	5.00	6.80	5.90	5.70	5.90	5.20	5.00
	(ii)		By Mechanical Means using Motor Grader	Sqm	65.90	75.80	76.60	65.90	75.80	76.60	65.90	75.80	76.60	65.90	75.80	76.60

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 3.12			Presplitting of Rock Excavation Slopes													
			Carrying out excavation in hard rock to achieve a specified slope of the rock face by controlled use of explosives and blasting accessories in properly aligned and spaced drill holes, collection of the excavated rock by a dozer, loading in tipper by a front end loader and disposing of the material with all lifts and lead upto 1000 m, all as specified in clause No. 303	Sqm	247.20	231.90	232.20	234.40	222.10	221.50	260.90	245.40	245.50	248.20	235.60	234.80
B 3.13			Excavation for Structures													
			Earthwork in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps ad other deleterious matter, dressing of sides and bottom, backfilling the excavation earth to the extent required and utilising the remaining earth locally for road work													
	(i)		Ordinary soil													
	A		<i>Manual Means : Depth upto 3 m</i>	Cum	777.60	764.80	752.10	584.60	575.00	565.40	777.60	764.80	752.10	584.60	575.00	565.40
	B		<i>Mechanical Means : Depth upto 3 m</i>	Cum	91.60	82.90	82.00	76.30	68.80	68.00	91.60	82.90	82.00	76.30	68.80	68.00
	(ii)		Ordinary Rock (not requiring blasting)													
	A		<i>Manual Means : Depth upto 3 m</i>	Cum	971.90	956.00	940.10	730.80	718.80	706.80	971.90	956.00	940.10	730.80	718.80	706.80
	B		<i>Mechanical Means</i>	Cum	528.90	558.10	550.40	453.20	477.40	470.70	528.90	558.10	550.40	453.20	477.40	470.70
	(iii)		Hard Rock (requiring blasting)													
	A		<i>Mechanical Means</i>	Cum	603.30	586.90	577.00	574.00	559.00	549.50	635.20	618.30	607.80	605.90	590.30	580.30
	(iv)		Hard Rock (blasting prohibited)													
	A		<i>Mechanical Means</i>	Cum	1053.20	1026.60	1011.20	881.70	859.20	846.20	1053.20	1026.60	1011.20	881.70	859.20	846.20
	(v)		Marshy soil													
	A		<i>Manual Means : Depth upto 3 m</i>	Cum	1052.50	1035.20	1018.00	811.30	798.00	784.70	1057.90	1040.60	1023.20	816.80	803.40	790.00
	B		<i>Mechanical Means</i>	Cum	343.90	308.00	298.80	307.20	276.10	267.80	350.50	314.40	305.10	313.70	282.60	274.20
B 3.14			Scarifying the existing granular road surface to a depth of 50 mm and disposal of scarified material within all lifts and leads upto 1000 metres.													
	(i)		Scarifying Existing Granular Surface to a Depth of 50 mm by Manual Means	Sqm	49.50	48.70	47.80	37.40	36.80	36.20	49.50	48.70	47.80	37.40	36.80	36.20
	(ii)		By Mechanical Means using Hydraulic excavator	Sqm	5.70	5.00	4.80	5.00	4.40	4.20	5.70	5.00	4.80	5.00	4.40	4.20
	(iii)		By Mechanical Means using Motor Grader	Sqm	65.90	75.80	76.50	65.70	75.60	76.40	65.90	75.80	76.50	65.70	75.60	76.40
B 3.15			Scarifying the existing bituminous surface to a depth of 50 mm and disposal of scarified material within all lifts and leads upto 1000 metres.													
	(i)		By Mechanical Means using Hydraulic excavator	Sqm	6.80	5.90	5.70	5.90	5.20	5.00	6.80	5.90	5.70	5.90	5.20	5.00
	(ii)		By Mechanical Means using Motor Grader	Sqm	65.90	75.80	76.60	65.90	75.80	76.60	65.90	75.80	76.60	65.90	75.80	76.60

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 3.12			Presplitting of Rock Excavation Slopes													
			Carrying out excavation in hard rock to achieve a specified slope of the rock face by controlled use of explosives and blasting accessories in properly aligned and spaced drill holes, collection of the excavated rock by a dozer, loading in tipper by a front end loader and disposing of the material with all lifts and lead upto 1000 m, all as specified in clause No. 303	Sqm	289.90	273.90	273.50	277.20	264.10	262.90	280.70	264.90	264.70	268.00	255.10	254.00
B 3.13			Excavation for Structures													
			Earthwork in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps ad other deleterious matter, dressing of sides and bottom, backfilling the excavation earth to the extent required and utilising the remaining earth locally for road work													
	(i)		Ordinary soil													
	A		<i>Manual Means : Depth upto 3 m</i>	Cum	777.60	764.80	752.10	584.60	575.00	565.40	777.60	764.80	752.10	584.60	575.00	565.40
	B		<i>Mechanical Means : Depth upto 3 m</i>	Cum	91.60	82.90	82.00	76.30	68.80	68.00	91.60	82.90	82.00	76.30	68.80	68.00
	(ii)		Ordinary Rock (not requiring blasting)													
	A		<i>Manual Means : Depth upto 3 m</i>	Cum	971.90	956.00	940.10	730.80	718.80	706.80	971.90	956.00	940.10	730.80	718.80	706.80
	B		<i>Mechanical Means</i>	Cum	528.90	558.10	550.40	453.20	477.40	470.70	528.90	558.10	550.40	453.20	477.40	470.70
	(iii)		Hard Rock (requiring blasting)													
	A		<i>Mechanical Means</i>	Cum	702.40	684.40	672.90	673.10	656.50	645.40	681.20	663.50	652.40	651.90	635.60	624.80
	(iv)		Hard Rock (blasting prohibited)													
	A		<i>Mechanical Means</i>	Cum	1053.20	1026.60	1011.20	881.70	859.20	846.20	1053.20	1026.60	1011.20	881.70	859.20	846.20
	(v)		Marshy soil													
	A		<i>Manual Means : Depth upto 3 m</i>	Cum	1069.40	1051.90	1034.40	828.30	814.70	801.10	1065.80	1048.30	1030.90	824.60	811.10	797.60
	B		<i>Mechanical Means</i>	Cum	364.30	328.00	318.40	327.50	296.20	287.50	359.90	323.70	314.20	323.20	291.90	283.30
B 3.14			Scarifying the existing granular road surface to a depth of 50 mm and disposal of scarified material within all lifts and leads upto 1000 metres.													
	(i)		Scarifying Existing Granular Surface to a Depth of 50 mm by Manual Means	Sqm	49.50	48.70	47.80	37.40	36.80	36.20	49.50	48.70	47.80	37.40	36.80	36.20
	(ii)		By Mechanical Means using Hydraulic excavator	Sqm	5.70	5.00	4.80	5.00	4.40	4.20	5.70	5.00	4.80	5.00	4.40	4.20
	(iii)		By Mechanical Means using Motor Grader	Sqm	65.90	75.80	76.50	65.70	75.60	76.40	65.90	75.80	76.50	65.70	75.60	76.40
B 3.15			Scarifying the existing bituminous surface to a depth of 50 mm and disposal of scarified material within all lifts and leads upto 1000 metres.													
	(i)		By Mechanical Means using Hydraulic excavator	Sqm	6.80	5.90	5.70	5.90	5.20	5.00	6.80	5.90	5.70	5.90	5.20	5.00
	(ii)		By Mechanical Means using Motor Grader	Sqm	65.90	75.80	76.60	65.90	75.80	76.60	65.90	75.80	76.60	65.90	75.80	76.60

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 3.16			Construction of Embankment with Material obtained from Borrowpits													
			Construction of Embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of Table 300-2	Cum	470.30	413.20	387.20	434.90	387.70	364.90	464.70	407.70	381.80	429.30	382.20	359.50
B 3.17			Construction of Embankment with Material Deposited from Roadway Cutting													
			Construction of Embankment with approved material deposited at site from roadway cutting and excavation from drain and foundation of other structures graded and compacted to meet the requirement of Table 300-2	Cum	90.50	69.50	60.80	65.90	53.30	47.50	90.00	69.00	60.30	65.30	52.70	47.00
B 3.18			Construction of Subgrade and Earthen Shoulders													
			Construction of sub-grade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of Table 300-2	Cum	497.40	436.00	408.10	460.20	409.50	385.00	491.70	430.50	402.70	454.50	404.00	379.50
B 3.19			Construction of Subgrade and Earthen Shoulders with Material Deposited from Roadway Cutting													
			Construction of embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of Table 300-2	Cum	95.50	72.60	63.30	69.00	55.40	49.30	95.00	72.00	62.80	68.50	54.80	48.70
B 3.20			Compacting Original Ground Arounds													
			Loosening of the ground upto a level of 500 mm below the sub-grade level, watered, graded and compacted in layers to meet the requirement of table 300-2 for sub-grade construction													
	Case I		Compacting Original Ground supporting sub-grade	Cum	115.80	95.40	84.50	86.00	74.80	67.40	115.20	94.90	83.90	85.50	74.20	66.80
	Case II		Compacting original ground supporting embankment	Cum	123.40	102.50	90.70	94.50	82.10	73.70	122.90	102.00	90.20	94.00	81.60	73.20
B 3.21			Stripping and Storing Top Soil													
			Stripping and Storing Top Soil by road side at 15 m interval and re-application on embankment slopes, cut slopes and other areas in localities where the available embankment material is not condusive to plant growth	Cum	77.80	71.60	69.30	66.90	61.50	59.50	112.20	95.60	92.80	101.30	85.60	83.00
B 3.22			Stripping, Storing and Re-laying Top Soil from Borrow Areas in Agriculture Fields.													
			Stripping of top soil from borrow areas located in agricultural fields, storing at suitable place, spreading and re-laying after taking the borrow earth to maintain fertility of agricultural field, finishing it to the required levels and satisfaction of the farmer	Cum	309.50	277.70	261.40	298.60	267.70	251.50	481.60	397.90	378.80	470.70	387.90	368.90

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 3.16			Construction of Embankment with Material obtained from Borrowpits													
			Construction of Embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of Table 300-2	Cum	470.30	413.20	387.20	434.90	387.70	364.90	475.90	418.70	392.60	440.50	393.20	370.30
B 3.17			Construction of Embankment with Material Deposited from Roadway Cutting													
			Construction of Embankment with approved material deposited at site from roadway cutting and excavation from drain and foundation of other structures graded and compacted to meet the requirement of Table 300-2	Cum	90.50	69.50	60.80	65.90	53.30	47.50	91.10	70.00	61.30	66.40	53.80	48.00
B 3.18			Construction of Subgrade and Earthen Shoulders													
			Construction of sub-grade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of Table 300-2	Cum	497.40	436.00	408.10	460.20	409.50	385.00	503.10	441.60	413.60	465.80	415.10	390.50
B 3.19			Construction of Subgrade and Earthen Shoulders with Material Deposited from Roadway Cutting													
			Construction of embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of Table 300-2	Cum	95.50	72.60	63.30	69.00	55.40	49.30	96.10	73.10	63.90	69.60	55.90	49.80
B 3.20			Compacting Original Ground Arounds													
			Loosening of the ground upto a level of 500 mm below the sub-grade level, watered, graded and compacted in layers to meet the requirement of table 300-2 for sub-grade construction													
	Case I		Compacting Original Ground supporting sub-grade	Cum	115.80	95.40	84.50	86.00	74.80	67.40	116.40	96.00	85.00	86.60	75.30	67.90
	Case II		Compacting original ground supporting embankment	Cum	123.40	102.50	90.70	94.50	82.10	73.70	123.90	103.00	91.20	95.00	82.60	74.20
B 3.21			Stripping and Storing Top Soil													
			Stripping and Storing Top Soil by road side at 15 m interval and re-application on embankment slopes, cut slopes and other areas in localities where the available embankment material is not condusive to plant growth	Cum	77.80	71.60	69.30	66.90	61.50	59.50	77.80	71.60	69.30	66.90	61.50	59.50
B 3.22			Stripping, Storing and Re-laying Top Soil from Borrow Areas in Agriculture Fields.													
			Stripping of top soil from borrow areas located in agricultural fields, storing at suitable place, spreading and re-laying after taking the borrow earth to maintain fertility of agricultural field, finishing it to the required levels and satisfaction of the farmer	Cum	309.50	277.70	261.40	298.60	267.70	251.50	309.50	277.70	261.40	298.60	267.70	251.50

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 3.16			Construction of Embankment with Material obtained from Borrowpits													
			Construction of Embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of Table 300-2	Cum	486.30	428.90	402.70	450.90	403.40	380.40	483.90	426.60	400.40	448.50	401.10	378.10
B 3.17			Construction of Embankment with Material Deposited from Roadway Cutting													
			Construction of Embankment with approved material deposited at site from roadway cutting and excavation from drain and foundation of other structures graded and compacted to meet the requirement of Table 300-2	Cum	92.00	70.90	62.20	67.30	54.70	48.90	91.80	70.70	62.00	67.10	54.50	48.70
B 3.18			Construction of Subgrade and Earthen Shoulders													
			Construction of sub-grade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of Table 300-2	Cum	513.50	451.90	423.70	476.30	425.40	400.60	511.10	449.50	421.40	473.90	423.00	398.30
B 3.19			Construction of Subgrade and Earthen Shoulders with Material Deposited from Roadway Cutting													
			Construction of embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of Table 300-2	Cum	97.10	74.20	64.90	70.60	57.00	50.80	96.90	73.90	64.60	70.40	56.70	50.60
B 3.20			Compacting Original Ground Arounds													
			Loosening of the ground upto a level of 500 mm below the sub-grade level, watered, graded and compacted in layers to meet the requirement of table 300-2 for sub-grade construction													
	Case I		Compacting Original Ground supporting sub-grade	Cum	117.40	97.00	86.00	87.60	76.40	68.90	117.20	96.80	85.80	87.40	76.10	68.70
	Case II		Compacting original ground supporting embankment	Cum	124.90	103.90	92.10	96.00	83.50	75.10	124.60	103.70	91.90	95.80	83.30	74.90
B 3.21			Stripping and Storing Top Soil													
			Stripping and Storing Top Soil by road side at 15 m interval and re-application on embankment slopes, cut slopes and other areas in localities where the available embankment material is not condusive to plant growth	Cum	77.80	71.60	69.30	66.90	61.50	59.50	77.80	71.60	69.30	66.90	61.50	59.50
B 3.22			Stripping, Storing and Re-laying Top Soil from Borrow Areas in Agriculture Fields.													
			Stripping of top soil from borrow areas located in agricultural fields, storing at suitable place, spreading and re-laying after taking the borrow earth to maintain fertility of agricultural field, finishing it to the required levels and satisfaction of the farmer	Cum	309.50	277.70	261.40	298.60	267.70	251.50	309.50	277.70	261.40	298.60	267.70	251.50

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 3.16			Construction of Embankment with Material obtained from Borrowpits													
			Construction of Embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of Table 300-2	Cum	471.90	414.80	388.80	436.50	389.20	366.50	487.10	429.70	403.50	451.70	404.20	381.20
B 3.17			Construction of Embankment with Material Deposited from Roadway Cutting													
			Construction of Embankment with approved material deposited at site from roadway cutting and excavation from drain and foundation of other structures graded and compacted to meet the requirement of Table 300-2	Cum	90.70	69.60	60.90	66.00	53.40	47.70	92.10	71.00	62.20	67.40	54.80	49.00
B 3.18			Construction of Subgrade and Earthen Shoulders													
			Construction of sub-grade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of Table 300-2	Cum	499.00	437.60	409.70	461.80	411.10	386.60	514.40	452.70	424.50	477.10	426.20	401.40
B 3.19			Construction of Subgrade and Earthen Shoulders with Material Deposited from Roadway Cutting													
			Construction of embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of Table 300-2	Cum	95.70	72.80	63.50	69.20	55.50	49.40	97.20	74.20	64.90	70.70	57.00	50.90
B 3.20			Compacting Original Ground Arounds													
			Loosening of the ground upto a level of 500 mm below the sub-grade level, watered, graded and compacted in layers to meet the requirement of table 300-2 for sub-grade construction													
	Case I		Compacting Original Ground supporting sub-grade	Cum	116.00	95.60	84.60	86.20	75.00	67.50	117.50	97.10	86.10	87.70	76.40	69.00
	Case II		Compacting original ground supporting embankment	Cum	123.50	102.60	90.90	94.70	82.20	73.80	124.90	104.00	92.20	96.00	83.60	75.20
B 3.21			Stripping and Storing Top Soil													
			Stripping and Storing Top Soil by road side at 15 m interval and re-application on embankment slopes, cut slopes and other areas in localities where the available embankment material is not condusive to plant growth	Cum	77.80	71.60	69.30	66.90	61.50	59.50	77.80	71.60	69.30	66.90	61.50	59.50
B 3.22			Stripping, Storing and Re-laying Top Soil from Borrow Areas in Agriculture Fields.													
			Stripping of top soil from borrow areas located in agricultural fields, storing at suitable place, spreading and re-laying after taking the borrow earth to maintain fertility of agricultural field, finishing it to the required levels and satisfaction of the farmer	Cum	309.50	277.70	261.40	298.60	267.70	251.50	309.50	277.70	261.40	298.60	267.70	251.50

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 3.16			Construction of Embankment with Material obtained from Borrowpits													
			Construction of Embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of Table 300-2	Cum	472.70	415.60	389.50	437.30	390.00	367.20	479.90	422.70	396.50	444.50	397.10	374.20
B 3.17			Construction of Embankment with Material Deposited from Roadway Cutting													
			Construction of Embankment with approved material deposited at site from roadway cutting and excavation from drain and foundation of other structures graded and compacted to meet the requirement of Table 300-2	Cum	90.80	69.70	61.00	66.10	53.50	47.70	91.40	70.30	61.60	66.70	54.10	48.40
B 3.18			Construction of Subgrade and Earthen Shoulders													
			Construction of sub-grade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of Table 300-2	Cum	499.80	438.40	410.50	462.60	411.90	387.40	507.10	445.60	417.50	469.80	419.00	394.40
B 3.19			Construction of Subgrade and Earthen Shoulders with Material Deposited from Roadway Cutting													
			Construction of embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of Table 300-2	Cum	95.80	72.80	63.60	69.30	55.60	49.50	96.50	73.50	64.20	70.00	56.30	50.20
B 3.20			Compacting Original Ground Arounds													
			Loosening of the ground upto a level of 500 mm below the sub-grade level, watered, graded and compacted in layers to meet the requirement of table 300-2 for sub-grade construction													
	Case I		Compacting Original Ground supporting sub-grade	Cum	116.00	95.70	84.70	86.30	75.00	67.60	116.80	96.40	85.40	87.00	75.70	68.30
	Case II		Compacting original ground supporting embankment	Cum	123.60	102.70	90.90	94.70	82.30	73.90	124.30	103.30	91.60	95.40	83.00	74.50
B 3.21			Stripping and Storing Top Soil													
			Stripping and Storing Top Soil by road side at 15 m interval and re-application on embankment slopes, cut slopes and other areas in localities where the available embankment material is not condusive to plant growth	Cum	77.80	71.60	69.30	66.90	61.50	59.50	77.80	71.60	69.30	66.90	61.50	59.50
B 3.22			Stripping, Storing and Re-laying Top Soil from Borrow Areas in Agriculture Fields.													
			Stripping of top soil from borrow areas located in agricultural fields, storing at suitable place, spreading and re-laying after taking the borrow earth to maintain fertility of agricultural field, finishing it to the required levels and satisfaction of the farmer	Cum	309.50	277.70	261.40	298.60	267.70	251.50	309.50	277.70	261.40	298.60	267.70	251.50

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 3.16			Construction of Embankment with Material obtained from Borrowpits													
			Construction of Embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of Table 300-2	Cum	495.10	437.60	411.20	459.70	412.10	388.90	490.30	432.90	406.60	454.90	407.40	384.30
B 3.17			Construction of Embankment with Material Deposited from Roadway Cutting													
			Construction of Embankment with approved material deposited at site from roadway cutting and excavation from drain and foundation of other structures graded and compacted to meet the requirement of Table 300-2	Cum	92.80	71.70	62.90	68.10	55.50	49.70	92.40	71.30	62.50	67.70	55.00	49.30
B 3.18			Construction of Subgrade and Earthen Shoulders													
			Construction of sub-grade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of Table 300-2	Cum	522.40	460.60	432.30	485.20	434.10	409.20	517.60	455.90	427.60	480.30	429.40	404.50
B 3.19			Construction of Subgrade and Earthen Shoulders with Material Deposited from Roadway Cutting													
			Construction of embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of Table 300-2	Cum	98.00	75.00	65.70	71.50	57.80	51.70	97.50	74.60	65.30	71.00	57.40	51.20
B 3.20			Compacting Original Ground Arounds													
			Loosening of the ground upto a level of 500 mm below the sub-grade level, watered, graded and compacted in layers to meet the requirement of table 300-2 for sub-grade construction													
	Case I		Compacting Original Ground supporting sub-grade	Cum	118.30	97.90	86.90	88.50	77.20	69.80	117.80	97.40	86.40	88.00	76.80	69.30
	Case II		Compacting original ground supporting embankment	Cum	125.70	104.70	92.90	96.80	84.30	75.90	125.20	104.30	92.50	96.30	83.90	75.50
B 3.21			Stripping and Storing Top Soil													
			Stripping and Storing Top Soil by road side at 15 m interval and re-application on embankment slopes, cut slopes and other areas in localities where the available embankment material is not condusive to plant growth	Cum	77.80	71.60	69.30	66.90	61.50	59.50	77.80	71.60	69.30	66.90	61.50	59.50
B 3.22			Stripping, Storing and Re-laying Top Soil from Borrow Areas in Agriculture Fields.													
			Stripping of top soil from borrow areas located in agricultural fields, storing at suitable place, spreading and re-laying after taking the borrow earth to maintain fertility of agricultural field, finishing it to the required levels and satisfaction of the farmer	Cum	309.50	277.70	261.40	298.60	267.70	251.50	309.50	277.70	261.40	298.60	267.70	251.50

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 3.23			Turfing with Sods													
			Furnishing and laying of the live sods of perennial turf forming grass on embankment slope, verges or other locations shown on the drawing or as directed by the engineer including preparation of ground, fetching of sod sand watering	Sqm	393.60	241.40	193.00	211.90	135.00	110.20	392.80	240.60	192.20	211.10	134.20	109.50
B 3.24			Seeding and Mulching													
			Preparation of the seed bed on previously laid top soil, furnishing and placing of seeds, fertilizer, mulching material, applying bituminous emulsion @ 0.23 litres/sqm and laying and fixing jute netting, including cost of watering for 3 months all as per Clause 308	Sqm	18702.80	18396.20	18089.60	18702.80	18396.20	18089.60	18457.70	18155.10	17852.50	18457.70	18155.10	17852.50
B 3.25			Surface Drains in Soil													
			Construction of unlined surface drains of average cross sectional area 0.40 sqm in soil to specified lines, grades, levels and dimensions to the requirement of Clause 301 and 309. Excavated material to be used in embankment within a lead of 1000 meters													
	A		<i>Mechanical Means</i>	Metre	69.50	68.30	67.20	34.80	34.20	33.70	69.50	68.30	67.20	34.80	34.20	33.70
	B		<i>Manual Means</i>	Metre	198.60	195.40	192.10	150.40	148.00	145.50	198.60	195.40	192.10	150.40	148.00	145.50
B 3.26			Surface Drains in Ordinary Rock													
			Construction of unlined surface drains of average cross sectional area 0.40 sqm in ordinary rock to specified lines, grades, levels and dimensions to the requirement of Clause 301 and 309. Excavated material to be used in embankment within a lead of 1000 meters													
	A		<i>Mechanical Means</i>	Metre	98.20	96.60	94.90	56.90	56.00	55.10	98.20	96.60	94.90	56.90	56.00	55.10
	B		<i>Manual Means</i>	Metre	297.00	292.20	287.30	224.70	221.00	217.30	297.00	292.20	287.30	224.70	221.00	217.30
B 3.27			Surface Drains in Hard Rock													
			Rate per metre may be worked out based on quantity of hard rock as per design. For rate of hard rock cutting, refer relevant item in this chapter													
B 3.28			Sub-Surface Drains with Perforated Pipe													
			Construction of sub-surface drain with perforated pipe of 100 mm internal diameter of metal/ asbestos cement/ cement concrete/ PVC, closely jointed, perforations ranging from 3mm to 6mm depending upon size of material surrounding the pipe, with 150 mm bedding below the pipe and 300 mm cushion above the pipe, cross section of excavation 450 x 550 mm. Excavated material to be utilised in roadway at site	Metre	2686.40	2642.40	2598.30	2640.00	2596.80	2553.50	2550.70	2508.80	2467.00	2504.30	2463.20	2422.20

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 3.23			Turfing with Sods													
			Furnishing and laying of the live sods of perennial turf forming grass on embankment slope, verges or other locations shown on the drawing or as directed by the engineer including preparation of ground, fetching of sod sand watering	Sqm	393.60	241.40	193.00	211.90	135.00	110.20	394.40	242.20	193.80	212.70	135.70	111.00
B 3.24			Seeding and Mulching													
			Preparation of the seed bed on previously laid top soil, furnishing and placing of seeds, fertilizer, mulching material, applying bituminous emulsion @ 0.23 litres/sqm and laying and fixing jute netting, including cost of watering for 3 months all as per Clause 308	Sqm	18702.80	18396.20	18089.60	18702.80	18396.20	18089.60	19040.00	18727.80	18415.70	19040.00	18727.80	18415.70
B 3.25			Surface Drains in Soil													
			Construction of unlined surface drains of average cross sectional area 0.40 sqm in soil to specified lines, grades, levels and dimensions to the requirement of Clause 301 and 309. Excavated material to be used in embankment within a lead of 1000 meters													
	A		<i>Mechanical Means</i>	Metre	69.50	68.30	67.20	34.80	34.20	33.70	69.50	68.30	67.20	34.80	34.20	33.70
	B		<i>Manual Means</i>	Metre	198.60	195.40	192.10	150.40	148.00	145.50	198.60	195.40	192.10	150.40	148.00	145.50
B 3.26			Surface Drains in Ordinary Rock													
			Construction of unlined surface drains of average cross sectional area 0.40 sqm in ordinary rock to specified lines, grades, levels and dimensions to the requirement of Clause 301 and 309. Excavated material to be used in embankment within a lead of 1000 meters													
	A		<i>Mechanical Means</i>	Metre	98.20	96.60	94.90	56.90	56.00	55.10	98.20	96.60	94.90	56.90	56.00	55.10
	B		<i>Manual Means</i>	Metre	297.00	292.20	287.30	224.70	221.00	217.30	297.00	292.20	287.30	224.70	221.00	217.30
B 3.27			Surface Drains in Hard Rock													
			Rate per metre may be worked out based on quantity of hard rock as per design. For rate of hard rock cutting, refer relevant item in this chapter													
B 3.28			Sub-Surface Drains with Perforated Pipe													
			Construction of sub-surface drain with perforated pipe of 100 mm internal diameter of metal/ asbestos cement/ cement concrete/ PVC, closely jointed, perforations ranging from 3mm to 6mm depending upon size of material surrounding the pipe, with 150 mm bedding below the pipe and 300 mm cushion above the pipe, cross section of excavation 450 x 550 mm. Excavated material to be utilised in roadway at site	Metre	2686.40	2642.40	2598.30	2640.00	2596.80	2553.50	2822.20	2775.90	2729.60	2775.80	2730.30	2684.80

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 3.23			Turfing with Sods													
			Furnishing and laying of the live sods of perennial turf forming grass on embankment slope, verges or other locations shown on the drawing or as directed by the engineer including preparation of ground, fetching of sod sand watering	Sqm	395.90	243.60	195.20	214.20	137.20	112.40	395.60	243.30	194.90	213.80	136.90	112.10
B 3.24			Seeding and Mulching													
			Preparation of the seed bed on previously laid top soil, furnishing and placing of seeds, fertilizer, mulching material, applying bituminous emulsion @ 0.23 litres/sqm and laying and fixing jute netting, including cost of watering for 3 months all as per Clause 308	Sqm	19439.50	19120.80	18802.10	19439.50	19120.80	18802.10	19345.60	19028.50	18711.30	19345.60	19028.50	18711.30
B 3.25			Surface Drains in Soil													
			Construction of unlined surface drains of average cross sectional area 0.40 sqm in soil to specified lines, grades, levels and dimensions to the requirement of Clause 301 and 309. Excavated material to be used in embankment within a lead of 1000 meters													
	A		<i>Mechanical Means</i>	Metre	69.50	68.30	67.20	34.80	34.20	33.70	69.50	68.30	67.20	34.80	34.20	33.70
	B		<i>Manual Means</i>	Metre	198.60	195.40	192.10	150.40	148.00	145.50	198.60	195.40	192.10	150.40	148.00	145.50
B 3.26			Surface Drains in Ordinary Rock													
			Construction of unlined surface drains of average cross sectional area 0.40 sqm in ordinary rock to specified lines, grades, levels and dimensions to the requirement of Clause 301 and 309. Excavated material to be used in embankment within a lead of 1000 meters													
	A		<i>Mechanical Means</i>	Metre	98.20	96.60	94.90	56.90	56.00	55.10	98.20	96.60	94.90	56.90	56.00	55.10
	B		<i>Manual Means</i>	Metre	297.00	292.20	287.30	224.70	221.00	217.30	297.00	292.20	287.30	224.70	221.00	217.30
B 3.27			Surface Drains in Hard Rock													
			Rate per metre may be worked out based on quantity of hard rock as per design. For rate of hard rock cutting, refer relevant item in this chapter													
B 3.28			Sub-Surface Drains with Perforated Pipe													
			Construction of sub-surface drain with perforated pipe of 100 mm internal diameter of metal/ asbestos cement/ cement concrete/ PVC, closely jointed, perforations ranging from 3mm to 6mm depending upon size of material surrounding the pipe, with 150 mm bedding below the pipe and 300 mm cushion above the pipe, cross section of excavation 450 x 550 mm. Excavated material to be utilised in roadway at site	Metre	3074.30	3023.90	2973.50	3027.90	2978.30	2928.60	3016.10	2966.70	2917.20	2969.70	2921.00	2872.40

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 3.23			Turfing with Sods													
			Furnishing and laying of the live sods of perennial turf forming grass on embankment slope, verges or other locations shown on the drawing or as directed by the engineer including preparation of ground, fetching of sod sand watering	Sqm	393.90	241.60	193.20	212.10	135.20	110.50	396.00	243.80	195.30	214.30	137.30	112.50
B 3.24			Seeding and Mulching													
			Preparation of the seed bed on previously laid top soil, furnishing and placing of seeds, fertilizer, mulching material, applying bituminous emulsion @ 0.23 litres/sqm and laying and fixing jute netting, including cost of watering for 3 months all as per Clause 308	Sqm	18704.00	18397.40	18090.70	18704.00	18397.40	18090.70	19590.90	19269.70	18948.60	19590.90	19269.70	18948.60
B 3.25			Surface Drains in Soil													
			Construction of unlined surface drains of average cross sectional area 0.40 sqm in soil to specified lines, grades, levels and dimensions to the requirement of Clause 301 and 309. Excavated material to be used in embankment within a lead of 1000 meters													
	A		<i>Mechanical Means</i>	Metre	69.50	68.30	67.20	34.80	34.20	33.70	69.50	68.30	67.20	34.80	34.20	33.70
	B		<i>Manual Means</i>	Metre	198.60	195.40	192.10	150.40	148.00	145.50	198.60	195.40	192.10	150.40	148.00	145.50
B 3.26			Surface Drains in Ordinary Rock													
			Construction of unlined surface drains of average cross sectional area 0.40 sqm in ordinary rock to specified lines, grades, levels and dimensions to the requirement of Clause 301 and 309. Excavated material to be used in embankment within a lead of 1000 meters													
	A		<i>Mechanical Means</i>	Metre	98.20	96.60	94.90	56.90	56.00	55.10	98.20	96.60	94.90	56.90	56.00	55.10
	B		<i>Manual Means</i>	Metre	297.00	292.20	287.30	224.70	221.00	217.30	297.00	292.20	287.30	224.70	221.00	217.30
B 3.27			Surface Drains in Hard Rock													
			Rate per metre may be worked out based on quantity of hard rock as per design. For rate of hard rock cutting, refer relevant item in this chapter													
B 3.28			Sub-Surface Drains with Perforated Pipe													
			Construction of sub-surface drain with perforated pipe of 100 mm internal diameter of metal/ asbestos cement/ cement concrete/ PVC, closely jointed, perforations ranging from 3mm to 6mm depending upon size of material surrounding the pipe, with 150 mm bedding below the pipe and 300 mm cushion above the pipe, cross section of excavation 450 x 550 mm. Excavated material to be utilised in roadway at site	Metre	2725.20	2680.50	2635.90	2678.80	2634.90	2591.00	3093.70	3043.00	2992.20	3047.30	2997.30	2947.40

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 3.23			Turfing with Sods													
			Furnishing and laying of the live sods of perennial turf forming grass on embankment slope, verges or other locations shown on the drawing or as directed by the engineer including preparation of ground, fetching of sod sand watering	Sqm	394.00	241.70	193.30	212.20	135.30	110.60	395.00	242.70	194.30	213.20	136.30	111.60
B 3.24			Seeding and Mulching													
			Preparation of the seed bed on previously laid top soil, furnishing and placing of seeds, fertilizer, mulching material, applying bituminous emulsion @ 0.23 litres/sqm and laying and fixing jute netting, including cost of watering for 3 months all as per Clause 308	Sqm	18886.80	18577.10	18267.50	18886.80	18577.10	18267.50	19042.90	18730.80	18418.60	19042.90	18730.80	18418.60
B 3.25			Surface Drains in Soil													
			Construction of unlined surface drains of average cross sectional area 0.40 sqm in soil to specified lines, grades, levels and dimensions to the requirement of Clause 301 and 309. Excavated material to be used in embankment within a lead of 1000 meters													
	A		<i>Mechanical Means</i>	Metre	69.50	68.30	67.20	34.80	34.20	33.70	69.50	68.30	67.20	34.80	34.20	33.70
	B		<i>Manual Means</i>	Metre	198.60	195.40	192.10	150.40	148.00	145.50	198.60	195.40	192.10	150.40	148.00	145.50
B 3.26			Surface Drains in Ordinary Rock													
			Construction of unlined surface drains of average cross sectional area 0.40 sqm in ordinary rock to specified lines, grades, levels and dimensions to the requirement of Clause 301 and 309. Excavated material to be used in embankment within a lead of 1000 meters													
	A		<i>Mechanical Means</i>	Metre	98.20	96.60	94.90	56.90	56.00	55.10	98.20	96.60	94.90	56.90	56.00	55.10
	B		<i>Manual Means</i>	Metre	297.00	292.20	287.30	224.70	221.00	217.30	297.00	292.20	287.30	224.70	221.00	217.30
B 3.27			Surface Drains in Hard Rock													
			Rate per metre may be worked out based on quantity of hard rock as per design. For rate of hard rock cutting, refer relevant item in this chapter													
B 3.28			Sub-Surface Drains with Perforated Pipe													
			Construction of sub-surface drain with perforated pipe of 100 mm internal diameter of metal/ asbestos cement/ cement concrete/ PVC, closely jointed, perforations ranging from 3mm to 6mm depending upon size of material surrounding the pipe, with 150 mm bedding below the pipe and 300 mm cushion above the pipe, cross section of excavation 450 x 550 mm. Excavated material to be utilised in roadway at site	Metre	2744.60	2699.60	2654.60	2698.20	2654.00	2609.80	2919.10	2871.30	2823.40	2872.80	2825.70	2778.60

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 3.23			Turfing with Sods													
			Furnishing and laying of the live sods of perennial turf forming grass on embankment slope, verges or other locations shown on the drawing or as directed by the engineer including preparation of ground, fetching of sod sand watering	Sqm	397.20	244.90	196.40	215.40	138.40	113.70	396.50	244.20	195.80	214.70	137.80	113.00
B 3.24			Seeding and Mulching													
			Preparation of the seed bed on previously laid top soil, furnishing and placing of seeds, fertilizer, mulching material, applying bituminous emulsion @ 0.23 litres/sqm and laying and fixing jute netting, including cost of watering for 3 months all as per Clause 308	Sqm	20409.80	20075.20	19740.60	20409.80	20075.20	19740.60	19953.70	19626.60	19299.50	19953.70	19626.60	19299.50
B 3.25			Surface Drains in Soil													
			Construction of unlined surface drains of average cross sectional area 0.40 sqm in soil to specified lines, grades, levels and dimensions to the requirement of Clause 301 and 309. Excavated material to be used in embankment within a lead of 1000 meters													
	A		<i>Mechanical Means</i>	Metre	69.50	68.30	67.20	34.80	34.20	33.70	69.50	68.30	67.20	34.80	34.20	33.70
	B		<i>Manual Means</i>	Metre	198.60	195.40	192.10	150.40	148.00	145.50	198.60	195.40	192.10	150.40	148.00	145.50
B 3.26			Surface Drains in Ordinary Rock													
			Construction of unlined surface drains of average cross sectional area 0.40 sqm in ordinary rock to specified lines, grades, levels and dimensions to the requirement of Clause 301 and 309. Excavated material to be used in embankment within a lead of 1000 meters													
	A		<i>Mechanical Means</i>	Metre	98.20	96.60	94.90	56.90	56.00	55.10	98.20	96.60	94.90	56.90	56.00	55.10
	B		<i>Manual Means</i>	Metre	297.00	292.20	287.30	224.70	221.00	217.30	297.00	292.20	287.30	224.70	221.00	217.30
B 3.27			Surface Drains in Hard Rock													
			Rate per metre may be worked out based on quantity of hard rock as per design. For rate of hard rock cutting, refer relevant item in this chapter													
B 3.28			Sub-Surface Drains with Perforated Pipe													
			Construction of sub-surface drain with perforated pipe of 100 mm internal diameter of metal/ asbestos cement/ cement concrete/ PVC, closely jointed, perforations ranging from 3mm to 6mm depending upon size of material surrounding the pipe, with 150 mm bedding below the pipe and 300 mm cushion above the pipe, cross section of excavation 450 x 550 mm. Excavated material to be utilised in roadway at site	Metre	3287.60	3233.70	3179.80	3241.20	3188.10	3135.00	3171.30	3119.30	3067.30	3124.90	3073.70	3022.40

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 3.29			Aggregate Sub-Surface Drains													
			Construction of aggregate sub surface drains 300mm x 450mm with aggregates conforming to Table 300-4, excavated material to be utilised in roadway	Metre	383.00	376.70	370.40	346.80	341.10	335.40	383.00	376.70	370.40	346.80	341.10	335.40
B 3.30			Underground Drain at Edge of Pavement													
			Construction of an underground drain 1m x 1m (inside dimension) lined with RCC- 20 cm thick and covered with RCC slab 10 cm thickness on urban roads	RM	8503.30	8288.30	8126.30	8006.00	7827.80	7682.40	8181.30	7971.70	7815.00	7684.10	7511.10	7371.00
B 3.31			Preparation and Surface Treatment of Formation.													
			Preparation and Surface Treatment of Formation by removing mud and slurry, watering to the extent needed to maintain the desired moisture content, trimming to the required line, grade, profile and rolling with smooth wheeled roller, complete as per Clause 310	Sqm	7.60	6.10	5.60	5.60	4.60	4.30	7.50	6.00	5.50	5.50	4.60	4.20
B 3.32			Construction of Rock fill Embankment with all lifts and lead upto 5 Km													
			Construction of Rock fill Embankment for roadway excavation with broken hard rock fragments of size not exceeding 300mm laid in layers not exceeding 500 mm thick including filling of surface voids with stone spalls, binding top layer with granular material, rolled with vibratory road roller, all complete as per Clause 313	Cum	222.00	183.50	180.00	197.70	166.40	162.20	221.80	183.30	179.80	197.50	166.20	162.00
B 3.33			Work in Urban Roads													
			The cost of earth work in urban roads inhabited area will be comparatively higher due to following reasons:													
			a) There is mixed traffic on urban roads like slow moving hand and animal driven carts, rickshaws, cycles, two and three wheeler apart from usual vehicular traffic resulting into traffic jams. This causes loss of working time which may be I the range of 10-15 %													
			b) There is considerable disruptionof traffic adversely affecting the efficiency of the working parties including machines due to congstion caused by pedestrain traffic, local road side vendors, parking of vehicles by the road side, encroachment by shopkeepers and local shops who make use of the berms of the road infront of these shops and unauthorised conversion of road berms into mini local market. The output of man power and machines is substantially reduced due to factors mentioned above													
			c) Cost of living in urban areas is comparatively more resulting into higher wages													

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 3.29			Aggregate Sub-Surface Drains													
			Construction of aggregate sub surface drains 300mm x 450mm with aggregates conforming to Table 300-4, excavated material to be utilised in roadway	Metre	383.00	376.70	370.40	346.80	341.10	335.40	383.00	376.70	370.40	346.80	341.10	335.40
B 3.30			Underground Drain at Edge of Pavement													
			Construction of an underground drain 1m x 1m (inside dimension) lined with RCC- 20 cm thick and covered with RCC slab 10 cm thickness on urban roads	RM	8503.30	8288.30	8126.30	8006.00	7827.80	7682.40	9342.80	9114.20	8938.40	8845.50	8653.50	8494.40
B 3.31			Preparation and Surface Treatment of Formation.													
			Preparation and Surface Treatment of Formation by removing mud and slurry, watering to the extent needed to maintain the desired moisture content, trimming to the required line, grade, profile and rolling with smooth wheeled roller, complete as per Clause 310	Sqm	7.60	6.10	5.60	5.60	4.60	4.30	7.60	6.10	5.60	5.60	4.60	4.30
B 3.32			Construction of Rock fill Embankment with all lifts and lead upto 5 Km													
			Construction of Rock fill Embankment for roadway excavation with broken hard rock fragments of size not exceeding 300mm laid in layers not exceeding 500 mm thick including filling of surface voids with stone spalls, binding top layer with granular material, rolled with vibratory road roller, all complete as per Clause 313	Cum	222.00	183.50	180.00	197.70	166.40	162.20	222.20	183.70	180.20	197.90	166.60	162.40
B 3.33			Work in Urban Roads													
			The cost of earth work in urban roads inhabited area will be comparatively higher due to following reasons:													
			a) There is mixed traffic on urban roads like slow moving hand and animal driven carts, rickshaws, cycles, two and three wheeler apart from usual vehicular traffic resulting into traffic jams. This causes loss of working time which may be I the range of 10-15 %													
			b) There is considerable disruptionof traffic adversely affecting the efficiency of the working parties including machines due to congstion caused by pedestrain traffic, local road side vendors, parking of vehicles by the road side, encroachment by shopkeepers and local shops who make use of the berms of the road infront of these shops and unauthorised conversion of road berms into mini local market. The output of man power and machines is substantially reduced due to factors mentioned above													
			c) Cost of living in urban areas is comparatively more resulting into higher wages													

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 3.29			Aggregate Sub-Surface Drains													
			Construction of aggregate sub surface drains 300mm x 450mm with aggregates conforming to Table 300-4, excavated material to be utilised in roadway	Metre	383.00	376.70	370.40	346.80	341.10	335.40	383.00	376.70	370.40	346.80	341.10	335.40
B 3.30			Underground Drain at Edge of Pavement													
			Construction of an underground drain 1m x 1m (inside dimension) lined with RCC- 20 cm thick and covered with RCC slab 10 cm thickness on urban roads	RM	10063.60	9823.10	9635.50	9566.30	9362.50	9191.60	9897.30	9659.50	9474.60	9400.00	9198.90	9030.70
B 3.31			Preparation and Surface Treatment of Formation.													
			Preparation and Surface Treatment of Formation by removing mud and slurry, watering to the extent needed to maintain the desired moisture content, trimming to the required line, grade, profile and rolling with smooth wheeled roller, complete as per Clause 310	Sqm	7.70	6.20	5.60	5.60	4.70	4.40	7.70	6.20	5.60	5.60	4.70	4.30
B 3.32			Construction of Rock fill Embankment with all lifts and lead upto 5 Km													
			Construction of Rock fill Embankment for roadway excavation with broken hard rock fragments of size not exceeding 300mm laid in layers not exceeding 500 mm thick including filling of surface voids with stone spalls, binding top layer with granular material, rolled with vibratory road roller, all complete as per Clause 313	Cum	222.60	184.10	180.60	198.30	167.00	162.80	222.50	184.00	180.50	198.20	166.90	162.70
B 3.33			Work in Urban Roads													
			The cost of earth work in urban roads inhabited area will be comparatively higher due to following reasons:													
			a) There is mixed traffic on urban roads like slow moving hand and animal driven carts, rickshaws, cycles, two and three wheeler apart from usual vehicular traffic resulting into traffic jams. This causes loss of working time which may be I the range of 10-15 %													
			b) There is considerable disruptionof traffic adversely affecting the efficiency of the working parties including machines due to congstion caused by pedestrain traffic, local road side vendors, parking of vehicles by the road side, encroachment by shopkeepers and local shops who make use of the berms of the road infront of these shops and unauthorised conversion of road berms into mini local market. The output of man power and machines is substantially reduced due to factors mentioned above													
			c) Cost of living in urban areas is comparatively more resulting into higher wages													

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 3.29			Aggregate Sub-Surface Drains													
			Construction of aggregate sub surface drains 300mm x 450mm with aggregates conforming to Table 300-4, excavated material to be utilised in roadway	Metre	383.00	376.70	370.40	346.80	341.10	335.40	383.00	376.70	370.40	346.80	341.10	335.40
B 3.30			Underground Drain at Edge of Pavement													
			Construction of an underground drain 1m x 1m (inside dimension) lined with RCC- 20 cm thick and covered with RCC slab 10 cm thickness on urban roads	RM	8735.50	8516.80	8351.00	8238.20	8056.20	7907.00	10339.10	10094.10	9902.00	9841.80	9633.50	9458.00
B 3.31			Preparation and Surface Treatment of Formation.													
			Preparation and Surface Treatment of Formation by removing mud and slurry, watering to the extent needed to maintain the desired moisture content, trimming to the required line, grade, profile and rolling with smooth wheeled roller, complete as per Clause 310	Sqm	7.60	6.10	5.60	5.60	4.60	4.30	7.70	6.20	5.70	5.70	4.70	4.40
B 3.32			Construction of Rock fill Embankment with all lifts and lead upto 5 Km													
			Construction of Rock fill Embankment for roadway excavation with broken hard rock fragments of size not exceeding 300mm laid in layers not exceeding 500 mm thick including filling of surface voids with stone spalls, binding top layer with granular material, rolled with vibratory road roller, all complete as per Clause 313	Cum	222.10	183.60	180.10	197.70	166.40	162.30	222.70	184.10	180.60	198.30	167.00	162.80
B 3.33			Work in Urban Roads													
			The cost of earth work in urban roads inhabited area will be comparatively higher due to following reasons:													
			a) There is mixed traffic on urban roads like slow moving hand and animal driven carts, rickshaws, cycles, two and three wheeler apart from usual vehicular traffic resulting into traffic jams. This causes loss of working time which may be I the range of 10-15 %													
			b) There is considerable disruptionof traffic adversely affecting the efficiency of the working parties including machines due to congstion caused by pedestrain traffic, local road side vendors, parking of vehicles by the road side, encroachment by shopkeepers and local shops who make use of the berms of the road infront of these shops and unauthorised conversion of road berms into mini local market. The output of man power and machines is substantially reduced due to factors mentioned above													
			c) Cost of living in urban areas is comparatively more resulting into higher wages													

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 3.29			Aggregate Sub-Surface Drains													
			Construction of aggregate sub surface drains 300mm x 450mm with aggregates conforming to Table 300-4, excavated material to be utilised in roadway	Metre	383.00	376.70	370.40	346.80	341.10	335.40	383.00	376.70	370.40	346.80	341.10	335.40
B 3.30			Underground Drain at Edge of Pavement													
			Construction of an underground drain 1m x 1m (inside dimension) lined with RCC- 20 cm thick and covered with RCC slab 10 cm thickness on urban roads	RM	9066.00	8841.90	8670.60	8568.80	8381.30	8226.70	9344.90	9116.30	8940.50	8847.70	8655.70	8496.40
B 3.31			Preparation and Surface Treatment of Formation.													
			Preparation and Surface Treatment of Formation by removing mud and slurry, watering to the extent needed to maintain the desired moisture content, trimming to the required line, grade, profile and rolling with smooth wheeled roller, complete as per Clause 310	Sqm	7.60	6.10	5.60	5.60	4.60	4.30	7.60	6.10	5.60	5.60	4.70	4.30
B 3.32			Construction of Rock fill Embankment with all lifts and lead upto 5 Km													
			Construction of Rock fill Embankment for roadway excavation with broken hard rock fragments of size not exceeding 300mm laid in layers not exceeding 500 mm thick including filling of surface voids with stone spalls, binding top layer with granular material, rolled with vibratory road roller, all complete as per Clause 313	Cum	222.10	183.60	180.10	197.80	166.50	162.30	222.40	183.90	180.30	198.00	166.70	162.60
B 3.33			Work in Urban Roads													
			The cost of earth work in urban roads inhabited area will be comparatively higher due to following reasons:													
			a) There is mixed traffic on urban roads like slow moving hand and animal driven carts, rickshaws, cycles, two and three wheeler apart from usual vehicular traffic resulting into traffic jams. This causes loss of working time which may be I the range of 10-15 %													
			b) There is considerable disruptionof traffic adversely affecting the efficiency of the working parties including machines due to congstion caused by pedestrain traffic, local road side vendors, parking of vehicles by the road side, encroachment by shopkeepers and local shops who make use of the berms of the road infront of these shops and unauthorised conversion of road berms into mini local market. The output of man power and machines is substantially reduced due to factors mentioned above													
			c) Cost of living in urban areas is comparatively more resulting into higher wages													

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 3.29			Aggregate Sub-Surface Drains													
			Construction of aggregate sub surface drains 300mm x 450mm with aggregates conforming to Table 300-4, excavated material to be utilised in roadway	Metre	383.00	376.70	370.40	346.80	341.10	335.40	383.00	376.70	370.40	346.80	341.10	335.40
B 3.30			Underground Drain at Edge of Pavement													
			Construction of an underground drain 1m x 1m (inside dimension) lined with RCC- 20 cm thick and covered with RCC slab 10 cm thickness on urban roads	RM	11828.80	11559.40	11342.90	11331.60	11098.80	10898.90	11001.00	10745.20	10542.20	10503.80	10284.60	10098.20
B 3.31			Preparation and Surface Treatment of Formation.													
			Preparation and Surface Treatment of Formation by removing mud and slurry, watering to the extent needed to maintain the desired moisture content, trimming to the required line, grade, profile and rolling with smooth wheeled roller, complete as per Clause 310	Sqm	7.70	6.20	5.70	5.70	4.70	4.40	7.70	6.20	5.70	5.70	4.70	4.40
B 3.32			Construction of Rock fill Embankment with all lifts and lead upto 5 Km													
			Construction of Rock fill Embankment for roadway excavation with broken hard rock fragments of size not exceeding 300mm laid in layers not exceeding 500 mm thick including filling of surface voids with stone spalls, binding top layer with granular material, rolled with vibratory road roller, all complete as per Clause 313	Cum	222.90	184.40	180.90	198.60	167.30	163.10	222.80	184.20	180.70	198.40	167.10	162.90
B 3.33			Work in Urban Roads													
			The cost of earth work in urban roads inhabited area will be comparatively higher due to following reasons:													
			a) There is mixed traffic on urban roads like slow moving hand and animal driven carts, rickshaws, cycles, two and three wheeler apart from usual vehicular traffic resulting into traffic jams. This causes loss of working time which may be I the range of 10-15 %													
			b) There is considerable disruptionof traffic adversely affecting the efficiency of the working parties including machines due to congstion caused by pedestrain traffic, local road side vendors, parking of vehicles by the road side, encroachment by shopkeepers and local shops who make use of the berms of the road infront of these shops and unauthorised conversion of road berms into mini local market. The output of man power and machines is substantially reduced due to factors mentioned above													
			c) Cost of living in urban areas is comparatively more resulting into higher wages													

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			d) At times, work is executed during night time due to heavy traffic during day time. This involves extra expenditure by way of making arrangements for lighting and special transport for working parties due to odd hour													
			In the light of the above, the authorities engaged in preparing the cost estimates may exercise their judgement and cater for the additional cost to the extent of 2 to 3 %, keeping in view of the severity of factors mentioned above. Supporting details for extra cost based on the actual conditions in specific areas will have to give in justification													
B 3.34			Embankment Construction with Flyash/Pond ash available from coal or lignite burning Material													
			Construction of embankment with fly ash conforming to Table 1 of IRC:SP:58 obtained from coal or lignite burning thermal power stations as waste material, spread and compacted in layers at OMC, all as specified in IRC:SP:58 and as per approved plans.													
			Considering Soil blanketing of 2 m either side for 4 lane section	Cum	174.10	139.20	125.20	138.60	116.00	106.00	172.70	137.80	123.80	137.10	114.50	104.60

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			d) At times, work is executed during night time due to heavy traffic during day time. This involves extra expenditure by way of making arrangements for lighting and special transport for working parties due to odd hour													
			In the light of the above, the authorities engaged in preparing the cost estimates may exercise their judgement and cater for the additional cost to the extent of 2 to 3 %, keeping in view of the severity of factors mentioned above. Supporting details for extra cost based on the actual conditions in specific areas will have to give in justification													
B 3.34			Embankment Construction with Flyash/Pond ash available from coal or lignite burning Material													
			Construction of embankment with fly ash conforming to Table 1 of IRC:SP:58 obtained from coal or lignite burning thermal power stations as waste material, spread and compacted in layers at OMC, all as specified in IRC:SP:58 and as per approved plans.													
			Considering Soil blanketing of 2 m either side for 4 lane section	Cum	174.10	139.20	125.20	138.60	116.00	106.00	175.60	140.70	126.70	140.10	117.40	107.50

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			d) At times, work is executed during night time due to heavy traffic during day time. This involves extra expenditure by way of making arrangements for lighting and special transport for working parties due to odd hour													
			In the light of the above, the authorities engaged in preparing the cost estimates may exercise their judgement and cater for the additional cost to the extent of 2 to 3 %, keeping in view of the severity of factors mentioned above. Supporting details for extra cost based on the actual conditions in specific areas will have to give in justification													
B 3.34			Embankment Construction with Flyash/Pond ash available from coal or lignite burning Material													
			Construction of embankment with fly ash conforming to Table 1 of IRC:SP:58 obtained from coal or lignite burning thermal power stations as waste material, spread and compacted in layers at OMC, all as specified in IRC:SP:58 and as per approved plans.													
			Considering Soil blanketing of 2 m either side for 4 lane section	Cum	178.40	143.40	129.30	142.90	120.20	110.20	177.80	142.80	128.70	142.20	119.50	109.60

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			d) At times, work is executed during night time due to heavy traffic during day time. This involves extra expenditure by way of making arrangements for lighting and special transport for working parties due to odd hour													
			In the light of the above, the authorities engaged in preparing the cost estimates may exercise their judgement and cater for the additional cost to the extent of 2 to 3 %, keeping in view of the severity of factors mentioned above. Supporting details for extra cost based on the actual conditions in specific areas will have to give in justification													
B 3.34			Embankment Construction with Flyash/Pond ash available from coal or lignite burning Material													
			Construction of embankment with fly ash conforming to Table 1 of IRC:SP:58 obtained from coal or lignite burning thermal power stations as waste material, spread and compacted in layers at OMC, all as specified in IRC:SP:58 and as per approved plans.													
			Considering Soil blanketing of 2 m either side for 4 lane section	Cum	174.60	139.60	125.60	139.00	116.40	106.50	178.60	143.60	129.50	143.10	120.40	110.40

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			d) At times, work is executed during night time due to heavy traffic during day time. This involves extra expenditure by way of making arrangements for lighting and special transport for working parties due to odd hour													
			In the light of the above, the authorities engaged in preparing the cost estimates may exercise their judgement and cater for the additional cost to the extent of 2 to 3 %, keeping in view of the severity of factors mentioned above. Supporting details for extra cost based on the actual conditions in specific areas will have to give in justification													
B 3.34			Embankment Construction with Flyash/Pond ash available from coal or lignite burning Material													
			Construction of embankment with fly ash conforming to Table 1 of IRC:SP:58 obtained from coal or lignite burning thermal power stations as waste material, spread and compacted in layers at OMC, all as specified in IRC:SP:58 and as per approved plans.													
			Considering Soil blanketing of 2 m either side for 4 lane section	Cum	174.80	139.90	125.80	139.20	116.60	106.70	176.70	141.70	127.70	141.20	118.50	108.50

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			d) At times, work is executed during night time due to heavy traffic during day time. This involves extra expenditure by way of making arrangements for lighting and special transport for working parties due to odd hour													
			In the light of the above, the authorities engaged in preparing the cost estimates may exercise their judgement and cater for the additional cost to the extent of 2 to 3 %, keeping in view of the severity of factors mentioned above. Supporting details for extra cost based on the actual conditions in specific areas will have to give in justification													
B 3.34			Embankment Construction with Flyash/Pond ash available from coal or lignite burning Material													
			Construction of embankment with fly ash conforming to Table 1 of IRC:SP:58 obtained from coal or lignite burning thermal power stations as waste material, spread and compacted in layers at OMC, all as specified in IRC:SP:58 and as per approved plans.													
			Considering Soil blanketing of 2 m either side for 4 lane section	Cum	180.80	145.70	131.60	145.20	122.50	112.40	179.50	144.50	130.40	143.90	121.20	111.20

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			04 : SUB-BASES, BASES (NON- BITUMINOUS) AND SHOULDERS													
B 4.01			Granural Sub-Base with Graded Material													
	A		Plant Mix Method													
			Construction of granular sub-base by providing granular material, mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401													
	(i)		Granural Sub-Base Grading-I Material	Cum	4148.60	3935.40	3827.40	4105.80	3909.30	3808.60	4147.50	3934.40	3826.30	4104.70	3908.30	3807.60
	(ii)		Granural Sub-Base Grading-II Material	Cum	4199.70	3985.70	3876.80	4156.90	3959.60	3858.00	4198.60	3984.60	3875.70	4155.80	3958.50	3857.00
	(iii)		Granural Sub-Base Grading-III Material	Cum	4171.70	3958.20	3849.70	4128.90	3932.10	3831.00	4170.60	3957.10	3848.70	4127.90	3931.00	3829.90
	(iv)		Granural Sub-Base Grading-IV Material	Cum	4175.40	3961.80	3853.30	4132.60	3935.70	3834.50	4174.30	3960.80	3852.30	4131.50	3934.60	3833.50
	(v)		Granural Sub-Base Grading-V Material	Cum	4147.90	3934.70	3826.70	4105.10	3908.60	3807.90	4146.80	3933.70	3825.70	4104.00	3907.60	3806.90
	(vi)		Granural Sub-Base Grading-VI Material	Cum	4179.10	3965.50	3856.90	4136.30	3939.30	3838.10	4178.00	3964.40	3855.80	4135.20	3938.30	3837.10
B 4.01	B		By Mix in Place Method													
			Construction of granular sub-base by providing granular material,spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with front end loader at OMC, and compacting with vibratory power roller to achieve the desired density, complete as per clause 401													
	(i)		Granural Sub-Base Grading-I Material	Cum	3820.10	3651.70	3562.80	3742.80	3604.30	3523.70	3819.00	3650.70	3561.70	3741.70	3603.30	3522.70
	(ii)		Granural Sub-Base Grading-II Material	Cum	3871.20	3702.00	3612.20	3793.90	3654.60	3573.10	3870.10	3700.90	3611.10	3792.80	3653.50	3572.10
	(iii)		Granural Sub-Base Grading-III Material	Cum	3843.20	3674.50	3585.20	3766.00	3627.10	3546.10	3842.20	3673.40	3584.10	3764.90	3626.00	3545.00
	(iv)		Granural Sub-Base Grading-IV Material	Cum	3846.90	3678.10	3588.70	3769.60	3630.70	3549.60	3845.90	3677.10	3587.70	3768.60	3629.70	3548.60
	(v)		Granural Sub-Base Grading-V Material	Cum	3819.40	3651.00	3562.10	3742.10	3603.60	3523.00	3818.30	3650.00	3561.10	3741.00	3602.60	3522.00
	(vi)		Granural Sub-Base Grading-VI Material	Cum	3850.60	3681.70	3592.30	3773.30	3634.30	3553.20	3849.50	3680.70	3591.20	3772.30	3633.30	3552.20
B 4.01	C		Using Crusher Run													
			Construction of granular sub-base by providing granular material,spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with front end loader at OMC, and compacting with vibratory power roller to achieve the desired density, complete as per clause 401													
	(i)		Granural Sub-Base Grading-I Material	Cum	4103.80	3932.80	3828.60	4041.20	3894.00	3797.80	4102.70	3931.80	3827.60	4040.20	3893.00	3796.80
	(ii)		Granural Sub-Base Grading-II Material	Cum	4070.50	3900.10	3796.50	4008.00	3861.30	3765.70	4069.50	3899.10	3795.40	4006.90	3860.30	3764.60
	(iii)		Granural Sub-Base Grading-III Material	Cum	4070.50	3900.10	3796.50	4008.00	3861.30	3765.70	4069.50	3899.10	3795.40	4006.90	3860.30	3764.60
	(iv)		Granural Sub-Base Grading-IV Material	Cum	4070.50	3900.10	3796.50	4008.00	3861.30	3765.70	4069.50	3899.10	3795.40	4006.90	3860.30	3764.60
	(v)		Granural Sub-Base Grading-V Material	Cum	4103.80	3932.80	3828.60	4041.20	3894.00	3797.80	4102.70	3931.80	3827.60	4040.20	3893.00	3796.80
	(vi)		Granural Sub-Base Grading-VI Material	Cum	4103.80	3932.80	3828.60	4041.20	3894.00	3797.80	4102.70	3931.80	3827.60	4040.20	3893.00	3796.80

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			04 : SUB-BASES, BASES (NON- BITUMINOUS) AND SHOULDERS													
B 4.01			Granural Sub-Base with Graded Material													
	A		Plant Mix Method													
			Construction of granular sub-base by providing granular material, mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401													
	(i)		Granural Sub-Base Grading-I Material	Cum	4148.60	3935.40	3827.40	4105.80	3909.30	3808.60	4727.10	4504.50	4386.90	4684.30	4478.40	4368.20
	(ii)		Granural Sub-Base Grading-II Material	Cum	4199.70	3985.70	3876.80	4156.90	3959.60	3858.00	4778.20	4554.70	4436.30	4735.40	4528.60	4417.60
	(iii)		Granural Sub-Base Grading-III Material	Cum	4171.70	3958.20	3849.70	4128.90	3932.10	3831.00	4750.20	4527.20	4409.30	4707.50	4501.10	4390.50
	(iv)		Granural Sub-Base Grading-IV Material	Cum	4175.40	3961.80	3853.30	4132.60	3935.70	3834.50	4753.90	4530.90	4412.90	4711.10	4504.70	4394.10
	(v)		Granural Sub-Base Grading-V Material	Cum	4147.90	3934.70	3826.70	4105.10	3908.60	3807.90	4726.40	4503.80	4386.30	4683.60	4477.70	4367.50
	(vi)		Granural Sub-Base Grading-VI Material	Cum	4179.10	3965.50	3856.90	4136.30	3939.30	3838.10	4757.60	4534.50	4416.40	4714.80	4508.40	4397.70
B 4.01	B		By Mix in Place Method													
			Construction of granular sub-base by providing granular material,spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with front end loader at OMC, and compacting with vibratory power roller to achieve the desired density, complete as per clause 401													
	(i)		Granural Sub-Base Grading-I Material	Cum	3820.10	3651.70	3562.80	3742.80	3604.30	3523.70	4398.60	4220.80	4122.30	4321.30	4173.40	4083.20
	(ii)		Granural Sub-Base Grading-II Material	Cum	3871.20	3702.00	3612.20	3793.90	3654.60	3573.10	4449.70	4271.00	4171.70	4372.40	4223.60	4132.60
	(iii)		Granural Sub-Base Grading-III Material	Cum	3843.20	3674.50	3585.20	3766.00	3627.10	3546.10	4421.80	4243.50	4144.70	4344.50	4196.10	4105.60
	(iv)		Granural Sub-Base Grading-IV Material	Cum	3846.90	3678.10	3588.70	3769.60	3630.70	3549.60	4425.50	4247.20	4148.30	4348.20	4199.80	4109.20
	(v)		Granural Sub-Base Grading-V Material	Cum	3819.40	3651.00	3562.10	3742.10	3603.60	3523.00	4397.90	4220.10	4121.60	4320.60	4172.70	4082.60
	(vi)		Granural Sub-Base Grading-VI Material	Cum	3850.60	3681.70	3592.30	3773.30	3634.30	3553.20	4429.10	4250.80	4151.80	4351.80	4203.40	4112.80
B 4.01	C		Using Crusher Run													
			Construction of granular sub-base by providing granular material,spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with front end loader at OMC, and compacting with vibratory power roller to achieve the desired density, complete as per clause 401													
	(i)		Granural Sub-Base Grading-I Material	Cum	4103.80	3932.80	3828.60	4041.20	3894.00	3797.80	5055.60	4869.10	4749.30	4993.10	4830.30	4718.40
	(ii)		Granural Sub-Base Grading-II Material	Cum	4070.50	3900.10	3796.50	4008.00	3861.30	3765.70	4649.10	4469.20	4356.00	4586.50	4430.40	4325.20
	(iii)		Granural Sub-Base Grading-III Material	Cum	4070.50	3900.10	3796.50	4008.00	3861.30	3765.70	4649.10	4469.20	4356.00	4586.50	4430.40	4325.20
	(iv)		Granural Sub-Base Grading-IV Material	Cum	4070.50	3900.10	3796.50	4008.00	3861.30	3765.70	4649.10	4469.20	4356.00	4586.50	4430.40	4325.20
	(v)		Granural Sub-Base Grading-V Material	Cum	4103.80	3932.80	3828.60	4041.20	3894.00	3797.80	5055.60	4869.10	4749.30	4993.10	4830.30	4718.40
	(vi)		Granural Sub-Base Grading-VI Material	Cum	4103.80	3932.80	3828.60	4041.20	3894.00	3797.80	5055.60	4869.10	4749.30	4993.10	4830.30	4718.40

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			04 : SUB-BASES, BASES (NON- BITUMINOUS) AND SHOULDERS													
B 4.01			Granural Sub-Base with Graded Material													
	A		Plant Mix Method													
			Construction of granular sub-base by providing granular material, mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401													
	(i)		Granural Sub-Base Grading-I Material	Cum	4729.10	4506.40	4388.90	4686.30	4480.30	4370.10	4728.60	4506.00	4388.40	4685.90	4479.90	4369.60
	(ii)		Granural Sub-Base Grading-II Material	Cum	4780.20	4556.70	4438.30	4737.40	4530.60	4419.50	4779.70	4556.20	4437.80	4736.90	4530.10	4419.10
	(iii)		Granural Sub-Base Grading-III Material	Cum	4752.20	4529.20	4411.20	4709.50	4503.10	4392.50	4751.80	4528.70	4410.80	4709.00	4502.60	4392.00
	(iv)		Granural Sub-Base Grading-IV Material	Cum	4755.90	4532.80	4414.80	4713.10	4506.70	4396.00	4755.50	4532.40	4414.40	4712.70	4506.20	4395.60
	(v)		Granural Sub-Base Grading-V Material	Cum	4728.40	4505.80	4388.20	4685.60	4479.60	4369.40	4727.90	4505.30	4387.70	4685.20	4479.20	4369.00
	(vi)		Granural Sub-Base Grading-VI Material	Cum	4759.60	4536.50	4418.40	4716.80	4510.30	4399.60	4759.10	4536.00	4417.90	4716.40	4509.90	4399.20
B 4.01	B		By Mix in Place Method													
			Construction of granular sub-base by providing granular material,spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with front end loader at OMC, and compacting with vibratory power roller to achieve the desired density, complete as per clause 401													
	(i)		Granural Sub-Base Grading-I Material	Cum	4400.60	4222.70	4124.30	4323.30	4175.30	4085.20	4400.20	4222.30	4123.80	4322.90	4174.90	4084.70
	(ii)		Granural Sub-Base Grading-II Material	Cum	4451.70	4273.00	4173.70	4374.40	4225.60	4134.60	4451.20	4272.50	4173.20	4374.00	4225.10	4134.10
	(iii)		Granural Sub-Base Grading-III Material	Cum	4423.80	4245.50	4146.60	4346.50	4198.10	4107.60	4423.30	4245.00	4146.20	4346.00	4197.60	4107.10
	(iv)		Granural Sub-Base Grading-IV Material	Cum	4427.40	4249.10	4150.20	4350.20	4201.70	4111.10	4427.00	4248.70	4149.80	4349.70	4201.30	4110.70
	(v)		Granural Sub-Base Grading-V Material	Cum	4399.90	4222.00	4123.60	4322.60	4174.60	4084.50	4399.40	4221.60	4123.10	4322.20	4174.20	4084.00
	(vi)		Granural Sub-Base Grading-VI Material	Cum	4431.10	4252.70	4153.80	4353.80	4205.30	4114.70	4430.70	4252.30	4153.30	4353.40	4204.90	4114.20
B 4.01	C		Using Crusher Run													
			Construction of granular sub-base by providing granular material,spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with front end loader at OMC, and compacting with vibratory power roller to achieve the desired density, complete as per clause 401													
	(i)		Granural Sub-Base Grading-I Material	Cum	5057.60	4871.00	4751.20	4995.10	4832.20	4720.40	5057.10	4870.60	4750.70	4994.60	4831.80	4719.90
	(ii)		Granural Sub-Base Grading-II Material	Cum	4651.10	4471.10	4358.00	4588.50	4432.30	4327.10	4650.60	4470.70	4357.50	4588.10	4431.90	4326.70
	(iii)		Granural Sub-Base Grading-III Material	Cum	4651.10	4471.10	4358.00	4588.50	4432.30	4327.10	4650.60	4470.70	4357.50	4588.10	4431.90	4326.70
	(iv)		Granural Sub-Base Grading-IV Material	Cum	4651.10	4471.10	4358.00	4588.50	4432.30	4327.10	4650.60	4470.70	4357.50	4588.10	4431.90	4326.70
	(v)		Granural Sub-Base Grading-V Material	Cum	5057.60	4871.00	4751.20	4995.10	4832.20	4720.40	5057.10	4870.60	4750.70	4994.60	4831.80	4719.90
	(vi)		Granural Sub-Base Grading-VI Material	Cum	5057.60	4871.00	4751.20	4995.10	4832.20	4720.40	5057.10	4870.60	4750.70	4994.60	4831.80	4719.90

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			04 : SUB-BASES, BASES (NON- BITUMINOUS) AND SHOULDERS													
B 4.01			Granural Sub-Base with Graded Material													
	A		Plant Mix Method													
			Construction of granular sub-base by providing granular material, mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401													
	(i)		Granural Sub-Base Grading-I Material	Cum	4726.30	4503.70	4386.20	4683.60	4477.60	4367.40	4729.30	4506.60	4389.00	4686.50	4480.50	4370.20
	(ii)		Granural Sub-Base Grading-II Material	Cum	4777.40	4554.00	4435.60	4734.60	4527.90	4416.80	4780.30	4556.80	4438.40	4737.60	4530.70	4419.60
	(iii)		Granural Sub-Base Grading-III Material	Cum	4749.50	4526.50	4408.60	4706.70	4500.40	4389.80	4752.40	4529.30	4411.40	4709.60	4503.20	4392.60
	(iv)		Granural Sub-Base Grading-IV Material	Cum	4753.20	4530.10	4412.10	4710.40	4504.00	4393.40	4756.10	4533.00	4414.90	4713.30	4506.80	4396.20
	(v)		Granural Sub-Base Grading-V Material	Cum	4725.60	4503.00	4385.50	4682.90	4476.90	4366.70	4728.50	4505.90	4388.30	4685.80	4479.80	4369.60
	(vi)		Granural Sub-Base Grading-VI Material	Cum	4756.80	4533.70	4415.70	4714.10	4507.60	4396.90	4759.80	4536.60	4418.50	4717.00	4510.50	4399.70
B 4.01	B		By Mix in Place Method													
			Construction of granular sub-base by providing granular material,spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with front end loader at OMC, and compacting with vibratory power roller to achieve the desired density, complete as per clause 401													
	(i)		Granural Sub-Base Grading-I Material	Cum	4397.90	4220.00	4121.60	4320.60	4172.60	4082.50	4400.80	4222.90	4124.40	4323.50	4175.50	4085.30
	(ii)		Granural Sub-Base Grading-II Material	Cum	4448.90	4270.30	4171.00	4371.70	4222.90	4131.90	4451.80	4273.10	4173.80	4374.60	4225.70	4134.70
	(iii)		Granural Sub-Base Grading-III Material	Cum	4421.00	4242.80	4144.00	4343.70	4195.40	4104.90	4423.90	4245.60	4146.80	4346.60	4198.20	4107.70
	(iv)		Granural Sub-Base Grading-IV Material	Cum	4424.70	4246.40	4147.50	4347.40	4199.00	4108.50	4427.60	4249.30	4150.40	4350.30	4201.90	4111.30
	(v)		Granural Sub-Base Grading-V Material	Cum	4397.10	4219.30	4120.90	4319.90	4171.90	4081.80	4400.10	4222.20	4123.70	4322.80	4174.80	4084.60
	(vi)		Granural Sub-Base Grading-VI Material	Cum	4428.40	4250.00	4151.10	4351.10	4202.60	4112.00	4431.30	4252.90	4153.90	4354.00	4205.50	4114.80
B 4.01	C		Using Crusher Run													
			Construction of granular sub-base by providing granular material,spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with front end loader at OMC, and compacting with vibratory power roller to achieve the desired density, complete as per clause 401													
	(i)		Granural Sub-Base Grading-I Material	Cum	5054.80	4868.30	4748.50	4992.30	4829.50	4717.70	5057.80	4871.20	4751.30	4995.20	4832.40	4720.50
	(ii)		Granural Sub-Base Grading-II Material	Cum	4648.30	4468.40	4355.30	4585.80	4429.60	4324.50	4651.20	4471.30	4358.10	4588.70	4432.50	4327.30
	(iii)		Granural Sub-Base Grading-III Material	Cum	4648.30	4468.40	4355.30	4585.80	4429.60	4324.50	4651.20	4471.30	4358.10	4588.70	4432.50	4327.30
	(iv)		Granural Sub-Base Grading-IV Material	Cum	4648.30	4468.40	4355.30	4585.80	4429.60	4324.50	4651.20	4471.30	4358.10	4588.70	4432.50	4327.30
	(v)		Granural Sub-Base Grading-V Material	Cum	5054.80	4868.30	4748.50	4992.30	4829.50	4717.70	5057.80	4871.20	4751.30	4995.20	4832.40	4720.50
	(vi)		Granural Sub-Base Grading-VI Material	Cum	5054.80	4868.30	4748.50	4992.30	4829.50	4717.70	5057.80	4871.20	4751.30	4995.20	4832.40	4720.50

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			04 : SUB-BASES, BASES (NON- BITUMINOUS) AND SHOULDERS													
B 4.01			Granural Sub-Base with Graded Material													
	A		Plant Mix Method													
			Construction of granular sub-base by providing granular material, mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401													
	(i)		Granural Sub-Base Grading-I Material	Cum	4726.50	4503.90	4386.30	4683.70	4477.80	4367.60	4727.90	4505.20	4387.70	4685.10	4479.10	4368.90
	(ii)		Granural Sub-Base Grading-II Material	Cum	4777.60	4554.10	4435.70	4734.80	4528.00	4417.00	4779.00	4555.50	4437.10	4736.20	4529.40	4418.30
	(iii)		Granural Sub-Base Grading-III Material	Cum	4749.60	4526.60	4408.70	4706.80	4500.50	4389.90	4751.00	4528.00	4410.00	4708.20	4501.90	4391.30
	(iv)		Granural Sub-Base Grading-IV Material	Cum	4753.30	4530.30	4412.30	4710.50	4504.10	4393.50	4754.70	4531.60	4413.60	4711.90	4505.50	4394.80
	(v)		Granural Sub-Base Grading-V Material	Cum	4725.80	4503.20	4385.70	4683.00	4477.10	4366.90	4727.20	4504.50	4387.00	4684.40	4478.40	4368.20
	(vi)		Granural Sub-Base Grading-VI Material	Cum	4757.00	4533.90	4415.80	4714.20	4507.80	4397.10	4758.40	4535.20	4417.20	4715.60	4509.10	4398.40
B 4.01	B		By Mix in Place Method													
			Construction of granular sub-base by providing granular material,spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with front end loader at OMC, and compacting with vibratory power roller to achieve the desired density, complete as per clause 401													
	(i)		Granural Sub-Base Grading-I Material	Cum	4398.00	4220.20	4121.70	4320.70	4172.80	4082.70	4399.40	4221.50	4123.10	4322.10	4174.10	4084.00
	(ii)		Granural Sub-Base Grading-II Material	Cum	4449.10	4270.40	4171.10	4371.80	4223.00	4132.10	4450.50	4271.80	4172.50	4373.20	4224.40	4133.40
	(iii)		Granural Sub-Base Grading-III Material	Cum	4421.10	4242.90	4144.10	4343.90	4195.50	4105.00	4422.50	4244.30	4145.50	4345.30	4196.90	4106.40
	(iv)		Granural Sub-Base Grading-IV Material	Cum	4424.80	4246.60	4147.70	4347.60	4199.20	4108.60	4426.20	4247.90	4149.00	4348.90	4200.50	4109.90
	(v)		Granural Sub-Base Grading-V Material	Cum	4397.30	4219.50	4121.10	4320.00	4172.10	4082.00	4398.70	4220.80	4122.40	4321.40	4173.40	4083.30
	(vi)		Granural Sub-Base Grading-VI Material	Cum	4428.50	4250.20	4151.20	4351.20	4202.80	4112.20	4429.90	4251.50	4152.60	4352.60	4204.10	4113.50
B 4.01	C		Using Crusher Run													
			Construction of granular sub-base by providing granular material,spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with front end loader at OMC, and compacting with vibratory power roller to achieve the desired density, complete as per clause 401													
	(i)		Granural Sub-Base Grading-I Material	Cum	5055.00	4868.50	4748.70	4992.50	4829.70	4717.80	5056.40	4869.80	4750.00	4993.80	4831.00	4719.20
	(ii)		Granural Sub-Base Grading-II Material	Cum	4648.40	4468.60	4355.40	4585.90	4429.80	4324.60	4649.80	4469.90	4356.80	4587.30	4431.10	4325.90
	(iii)		Granural Sub-Base Grading-III Material	Cum	4648.40	4468.60	4355.40	4585.90	4429.80	4324.60	4649.80	4469.90	4356.80	4587.30	4431.10	4325.90
	(iv)		Granural Sub-Base Grading-IV Material	Cum	4648.40	4468.60	4355.40	4585.90	4429.80	4324.60	4649.80	4469.90	4356.80	4587.30	4431.10	4325.90
	(v)		Granural Sub-Base Grading-V Material	Cum	5055.00	4868.50	4748.70	4992.50	4829.70	4717.80	5056.40	4869.80	4750.00	4993.80	4831.00	4719.20
	(vi)		Granural Sub-Base Grading-VI Material	Cum	5055.00	4868.50	4748.70	4992.50	4829.70	4717.80	5056.40	4869.80	4750.00	4993.80	4831.00	4719.20

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			04 : SUB-BASES, BASES (NON- BITUMINOUS) AND SHOULDERS													
B 4.01			Granural Sub-Base with Graded Material													
	A		Plant Mix Method													
			Construction of granular sub-base by providing granular material, mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401													
	(i)		Granural Sub-Base Grading-I Material	Cum	4730.80	4508.10	4390.50	4688.00	4482.00	4371.70	4729.90	4507.20	4389.60	4687.10	4481.10	4370.80
	(ii)		Granural Sub-Base Grading-II Material	Cum	4781.90	4558.40	4439.90	4739.10	4532.20	4421.10	4781.00	4557.40	4439.00	4738.20	4531.30	4420.20
	(iii)		Granural Sub-Base Grading-III Material	Cum	4753.90	4530.90	4412.90	4711.10	4504.70	4394.10	4753.00	4529.90	4412.00	4710.20	4503.80	4393.20
	(iv)		Granural Sub-Base Grading-IV Material	Cum	4757.60	4534.50	4416.40	4714.80	4508.40	4397.70	4756.70	4533.60	4415.50	4713.90	4507.50	4396.80
	(v)		Granural Sub-Base Grading-V Material	Cum	4730.10	4507.40	4389.80	4687.30	4481.30	4371.00	4729.20	4506.50	4388.90	4686.40	4480.40	4370.20
	(vi)		Granural Sub-Base Grading-VI Material	Cum	4761.30	4538.10	4420.00	4718.50	4512.00	4401.20	4760.40	4537.20	4419.10	4717.60	4511.10	4400.30
B 4.01	B		By Mix in Place Method													
			Construction of granular sub-base by providing granular material,spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with front end loader at OMC, and compacting with vibratory power roller to achieve the desired density, complete as per clause 401													
	(i)		Granural Sub-Base Grading-I Material	Cum	4402.30	4224.40	4125.90	4325.00	4177.00	4086.80	4401.40	4223.50	4125.00	4324.10	4176.10	4085.90
	(ii)		Granural Sub-Base Grading-II Material	Cum	4453.40	4274.60	4175.30	4376.10	4227.20	4136.20	4452.50	4273.70	4174.40	4375.20	4226.30	4135.30
	(iii)		Granural Sub-Base Grading-III Material	Cum	4425.40	4247.20	4148.30	4348.20	4199.70	4109.20	4424.50	4246.30	4147.40	4347.20	4198.80	4108.30
	(iv)		Granural Sub-Base Grading-IV Material	Cum	4429.10	4250.80	4151.80	4351.90	4203.40	4112.80	4428.20	4249.90	4151.00	4350.90	4202.50	4111.90
	(v)		Granural Sub-Base Grading-V Material	Cum	4401.60	4223.70	4125.20	4324.30	4176.30	4086.10	4400.70	4222.80	4124.30	4323.40	4175.40	4085.20
	(vi)		Granural Sub-Base Grading-VI Material	Cum	4432.80	4254.40	4155.40	4355.50	4207.00	4116.30	4431.90	4253.50	4154.50	4354.60	4206.10	4115.40
B 4.01	C		Using Crusher Run													
			Construction of granular sub-base by providing granular material,spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with front end loader at OMC, and compacting with vibratory power roller to achieve the desired density, complete as per clause 401													
	(i)		Granural Sub-Base Grading-I Material	Cum	5059.30	4872.70	4752.80	4996.80	4833.90	4722.00	5058.40	4871.80	4751.90	4995.80	4833.00	4721.10
	(ii)		Granural Sub-Base Grading-II Material	Cum	4652.70	4472.80	4359.60	4590.20	4434.00	4328.80	4651.80	4471.90	4358.70	4589.30	4433.10	4327.90
	(iii)		Granural Sub-Base Grading-III Material	Cum	4652.70	4472.80	4359.60	4590.20	4434.00	4328.80	4651.80	4471.90	4358.70	4589.30	4433.10	4327.90
	(iv)		Granural Sub-Base Grading-IV Material	Cum	4652.70	4472.80	4359.60	4590.20	4434.00	4328.80	4651.80	4471.90	4358.70	4589.30	4433.10	4327.90
	(v)		Granural Sub-Base Grading-V Material	Cum	5059.30	4872.70	4752.80	4996.80	4833.90	4722.00	5058.40	4871.80	4751.90	4995.80	4833.00	4721.10
	(vi)		Granural Sub-Base Grading-VI Material	Cum	5059.30	4872.70	4752.80	4996.80	4833.90	4722.00	5058.40	4871.80	4751.90	4995.80	4833.00	4721.10

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 4.02			Lime Stabilisation for Improving Sub-Grade													
			Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with rotavator with 2% slaked lime having minimum content of 70% of CaO, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade													
	A	MF	<i>By Manual Means</i>	Cum	942.80	816.90	764.10	829.10	739.70	698.90	920.30	794.80	742.40	806.60	717.60	677.10
	B		<i>By Mechanical Means</i>													
	(i)	MF	Lime Stabilisation for improving sub grade: Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with rotavator with 2% slaked lime using Binder Spreader Machine having minimum content of 70% of CaO, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade	Cum	996.80	870.00	816.30	897.40	806.90	765.00	974.30	847.90	794.60	874.90	784.80	743.20
	(ii)	MF	Lime Stabilisation for improving sub grade: Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with rotavator with 2% slaked lime using Manually Spreaded having minimum content of 70% of CaO, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade	Cum	982.30	855.70	802.30	875.10	785.00	743.40	959.80	833.60	780.50	852.60	762.80	721.60
B 4.03			Cement Stabilisation for Improving Sub-grade													
			Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with rotavator with 2% Cement, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade													
	A	MF	<i>By Manual Means</i>	Cum	1122.30	993.40	937.70	1017.30	924.80	880.90	1092.00	963.70	908.40	987.00	895.10	851.60
	B		<i>By Mechanical Means</i>													
	(i)	MF	Cement Stabilisation for Improving Sub-grade: Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% Cement using Binder Spreader Machine , grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade	Cum	1185.00	1055.10	998.40	1085.60	992.10	947.00	1154.70	1025.30	969.10	1055.30	962.30	917.70

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 4.02			Lime Stabilisation for Improving Sub-Grade													
			Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with rotavator with 2% slaked lime having minimum content of 70% of CaO, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade													
	A	MF	<i>By Manual Means</i>	Cum	942.80	816.90	764.10	829.10	739.70	698.90	965.30	839.00	785.90	851.50	761.80	720.60
	B		<i>By Mechanical Means</i>													
	(i)	MF	Lime Stabilisation for improving sub grade: Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with rotavator with 2% slaked lime using Binder Spreader Machine having minimum content of 70% of CaO, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade	Cum	996.80	870.00	816.30	897.40	806.90	765.00	1019.30	892.10	838.10	919.90	829.00	786.70
	(ii)	MF	Lime Stabilisation for improving sub grade: Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with rotavator with 2% slaked lime using Manually Spreaded having minimum content of 70% of CaO, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade	Cum	982.30	855.70	802.30	875.10	785.00	743.40	1004.80	877.80	824.00	897.50	807.10	765.10
B 4.03			Cement Stabilisation for Improving Sub-grade													
			Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with rotavator with 2% Cement, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade													
	A	MF	<i>By Manual Means</i>	Cum	1122.30	993.40	937.70	1017.30	924.80	880.90	1198.40	1068.20	1011.30	1093.30	999.60	954.50
	B		<i>By Mechanical Means</i>													
	(i)	MF	Cement Stabilisation for Improving Sub-grade: Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% Cement using Binder Spreader Machine , grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade	Cum	1185.00	1055.10	998.40	1085.60	992.10	947.00	1261.10	1129.90	1071.90	1161.60	1066.80	1020.50

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 4.02			Lime Stabilisation for Improving Sub-Grade													
			Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with rotavator with 2% slaked lime having minimum content of 70% of CaO, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade													
	A	MF	<i>By Manual Means</i>	Cum	1007.10	880.10	826.30	893.30	802.90	761.00	997.50	870.60	816.90	883.70	793.40	751.70
	B		<i>By Mechanical Means</i>													
	(i)	MF	Lime Stabilisation for improving sub grade: Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with rotavator with 2% slaked lime using Binder Spreader Machine having minimum content of 70% of CaO, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade	Cum	1061.10	933.20	878.50	961.60	870.10	827.10	1051.40	923.70	869.20	952.00	860.60	817.80
	(ii)	MF	Lime Stabilisation for improving sub grade: Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with rotavator with 2% slaked lime using Manually Spreaded having minimum content of 70% of CaO, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade	Cum	1046.50	918.90	864.40	939.30	848.20	805.50	1036.90	909.40	855.10	929.70	838.70	796.20
B 4.03			Cement Stabilisation for Improving Sub-grade													
			Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with rotavator with 2% Cement, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade													
	A	MF	<i>By Manual Means</i>	Cum	1269.20	1137.90	1079.80	1164.20	1069.30	1023.00	1252.90	1121.80	1064.00	1147.80	1053.20	1007.20
	B		<i>By Mechanical Means</i>													
	(i)	MF	Cement Stabilisation for Improving Sub-grade: Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% Cement using Binder Spreader Machine , grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade	Cum	1331.90	1199.60	1140.40	1232.50	1136.50	1089.10	1315.60	1183.50	1124.60	1216.10	1120.40	1073.30

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 4.02			Lime Stabilisation for Improving Sub-Grade													
			Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with rotavator with 2% slaked lime having minimum content of 70% of CaO, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade													
	A	MF	<i>By Manual Means</i>	Cum	949.30	823.20	770.30	835.50	746.00	705.10	1010.30	883.30	829.40	896.50	806.10	764.10
	B		<i>By Mechanical Means</i>													
	(i)	MF	Lime Stabilisation for improving sub grade: Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with rotavator with 2% slaked lime using Binder Spreader Machine having minimum content of 70% of CaO, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade	Cum	1003.20	876.30	822.50	903.80	813.20	771.20	1064.30	936.40	881.60	964.90	873.30	830.20
	(ii)	MF	Lime Stabilisation for improving sub grade: Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with rotavator with 2% slaked lime using Manually Spreaded having minimum content of 70% of CaO, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade	Cum	988.70	862.00	808.50	881.50	791.30	749.60	1049.70	922.00	867.50	942.50	851.30	808.60
B 4.03			Cement Stabilisation for Improving Sub-grade													
			Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with rotavator with 2% Cement, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade													
	A	MF	<i>By Manual Means</i>	Cum	1147.50	1018.20	962.10	1042.40	949.60	905.30	1290.40	1158.80	1100.30	1185.40	1090.20	1043.50
	B		<i>By Mechanical Means</i>													
	(i)	MF	Cement Stabilisation for Improving Sub-grade: Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% Cement using Binder Spreader Machine , grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade	Cum	1210.20	1079.90	1022.70	1110.80	1016.80	971.30	1353.10	1220.40	1160.90	1253.70	1157.40	1109.60

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 4.02			Lime Stabilisation for Improving Sub-Grade													
			Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with rotavator with 2% slaked lime having minimum content of 70% of CaO, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade													
	A	MF	<i>By Manual Means</i>	Cum	952.50	826.40	773.40	838.70	749.20	708.20	981.40	854.80	801.40	867.60	777.60	736.20
	B		<i>By Mechanical Means</i>													
	(i)	MF	Lime Stabilisation for improving sub grade: Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with rotavator with 2% slaked lime using Binder Spreader Machine having minimum content of 70% of CaO, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade	Cum	1006.50	879.50	825.70	907.00	816.40	774.30	1035.40	907.90	853.60	935.90	844.80	802.30
	(ii)	MF	Lime Stabilisation for improving sub grade: Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with rotavator with 2% slaked lime using Manually Spreaded having minimum content of 70% of CaO, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade	Cum	991.90	865.20	811.60	884.70	794.40	752.70	1020.80	893.60	839.50	913.60	822.90	780.60
B 4.03			Cement Stabilisation for Improving Sub-grade													
			Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with rotavator with 2% Cement, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade													
	A	MF	<i>By Manual Means</i>	Cum	1172.60	1042.90	986.40	1067.60	974.30	929.60	1205.90	1075.70	1018.60	1100.90	1007.10	961.80
	B		<i>By Mechanical Means</i>													
	(i)	MF	Cement Stabilisation for Improving Sub-grade: Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% Cement using Binder Spreader Machine , grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade	Cum	1235.30	1104.60	1047.00	1135.90	1041.50	995.70	1268.60	1137.40	1079.20	1169.20	1074.30	1027.90

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 4.02			Lime Stabilisation for Improving Sub-Grade													
			Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with rotavator with 2% slaked lime having minimum content of 70% of CaO, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade													
	A	MF	<i>By Manual Means</i>	Cum	1042.40	914.90	860.40	928.70	837.70	795.20	1023.20	895.90	841.80	909.40	818.70	776.60
	B		<i>By Mechanical Means</i>													
	(i)	MF	Lime Stabilisation for improving sub grade: Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with rotavator with 2% slaked lime using Binder Spreader Machine having minimum content of 70% of CaO, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade	Cum	1096.40	968.00	912.70	997.00	904.90	861.30	1077.10	949.00	894.00	977.70	885.90	842.70
	(ii)	MF	Lime Stabilisation for improving sub grade: Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with rotavator with 2% slaked lime using Manually Spreaded having minimum content of 70% of CaO, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade	Cum	1081.90	953.60	898.60	974.60	882.90	839.70	1062.60	934.70	879.90	955.40	864.00	821.00
B 4.03			Cement Stabilisation for Improving Sub-grade													
			Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with rotavator with 2% Cement, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade													
	A	MF	<i>By Manual Means</i>	Cum	1411.80	1278.20	1217.70	1306.80	1209.60	1160.90	1343.70	1211.20	1151.80	1238.60	1142.60	1095.00
	B		<i>By Mechanical Means</i>													
	(i)	MF	Cement Stabilisation for Improving Sub-grade: Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% Cement using Binder Spreader Machine , grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade	Cum	1474.50	1339.90	1278.40	1375.10	1276.80	1227.00	1406.40	1272.90	1212.50	1307.00	1209.80	1161.10

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(ii)	MF	Cement Stabilisation for Improving Sub-grade: Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% Cement Manually Spreaded , grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade	Cum	1161.80	1032.20	975.90	1056.70	963.60	919.10	1131.50	1002.40	946.60	1026.40	933.80	889.80
B 4.04			Lime Stabilisation in Embankment													
			Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Rotavator with 2% slaked lime having minimum content of 70% of CaO, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade													
	A	MF	<i>By Manual Means</i>	Cum	788.00	679.10	633.70	694.40	617.00	581.90	770.90	662.30	617.20	677.40	600.20	565.30
	B		<i>By Mechanical Means</i>													
	(i)	MF	Lime Stabilisation in Embankment : Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% slaked lime using Binder Spreader Machine ,having minimum content of 70% of CaO grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade - <i>By Mechanical Means</i>	Cum	849.70	739.70	693.40	762.80	684.30	648.00	832.60	722.90	676.80	745.80	667.50	631.50
	(ii)	MF	Lime Stabilisation in Embankment : Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% slaked lime manually spreaded,having minimum content of 70% of CaO grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade - <i>By Mechanical Means</i>	Cum	826.40	721.50	679.90	716.90	639.10	603.60	809.30	704.60	663.40	699.80	622.30	587.00
	(iii)	MF	Lime Stabilisation in Embankment : Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% slaked lime using Binder Spreader Machine ,having minimum content of 70% of CaO grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade - <i>By Mechanical Means</i>	Cum	1011.00	903.00	858.50	924.20	843.00	804.10	987.20	879.60	835.50	900.40	819.60	781.10

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(ii)	MF	Cement Stabilisation for Improving Sub-grade: Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% Cement Manually Spreaded , grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade	Cum	1161.80	1032.20	975.90	1056.70	963.60	919.10	1237.80	1107.00	1049.40	1132.70	1038.40	992.60
B 4.04			Lime Stabilisation in Embankment													
			Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Rotavator with 2% slaked lime having minimum content of 70% of CaO, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade													
	A	MF	By Manual Means	Cum	788.00	679.10	633.70	694.40	617.00	581.90	805.10	695.90	650.30	711.50	633.90	598.40
	B		By Mechanical Means													
	(i)	MF	Lime Stabilisation in Embankment : Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% slaked lime using Binder Spreader Machine ,having minimum content of 70% of CaO grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade - <i>By Mechanical Means</i>	Cum	849.70	739.70	693.40	762.80	684.30	648.00	866.80	756.60	709.90	779.90	701.10	664.60
	(ii)	MF	Lime Stabilisation in Embankment : Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% slaked lime manually spreaded,having minimum content of 70% of CaO grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade - <i>By Mechanical Means</i>	Cum	826.40	721.50	679.90	716.90	639.10	603.60	843.50	738.30	696.50	734.00	655.90	620.10
	(iii)	MF	Lime Stabilisation in Embankment : Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% slaked lime using Binder Spreader Machine ,having minimum content of 70% of CaO grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade - <i>By Mechanical Means</i>	Cum	1011.00	903.00	858.50	924.20	843.00	804.10	1074.00	965.00	919.40	987.20	905.00	865.00

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(ii)	MF	Cement Stabilisation for Improving Sub-grade: Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% Cement Manually Spreaded , grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade	Cum	1308.60	1176.70	1117.90	1203.60	1108.10	1061.10	1292.30	1160.60	1102.10	1187.20	1092.00	1045.30
B 4.04			Lime Stabilisation in Embankment													
			Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Rotavator with 2% slaked lime having minimum content of 70% of CaO, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade													
	A	MF	<i>By Manual Means</i>	Cum	836.90	727.10	681.00	743.30	665.10	629.10	829.50	719.90	673.90	736.00	657.90	622.00
	B		<i>By Mechanical Means</i>													
	(i)	MF	Lime Stabilisation in Embankment : Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% slaked lime using Binder Spreader Machine ,having minimum content of 70% of CaO grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade - <i>By Mechanical Means</i>	Cum	898.50	787.80	740.60	811.70	732.40	695.30	891.20	780.60	733.50	804.40	725.20	688.20
	(ii)	MF	Lime Stabilisation in Embankment : Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% slaked lime manually spreaded,having minimum content of 70% of CaO grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade - <i>By Mechanical Means</i>	Cum	875.30	769.50	727.20	765.70	687.20	650.80	867.90	762.30	720.10	758.40	680.00	643.70
	(iii)	MF	Lime Stabilisation in Embankment : Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% slaked lime using Binder Spreader Machine ,having minimum content of 70% of CaO grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade - <i>By Mechanical Means</i>	Cum	1130.70	1020.70	974.20	1043.80	960.70	919.80	1117.60	1007.90	961.60	1030.80	947.80	907.20

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(ii)	MF	Cement Stabilisation for Improving Sub-grade: Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% Cement Manually Spreaded , grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade	Cum	1186.90	1057.00	1000.20	1081.90	988.40	943.40	1329.80	1197.60	1138.40	1224.80	1129.00	1081.60
B 4.04			Lime Stabilisation in Embankment													
			Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Rotavator with 2% slaked lime having minimum content of 70% of CaO, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade													
	A	MF	By Manual Means	Cum	792.90	683.90	638.40	699.30	621.90	586.60	839.30	729.50	683.30	745.70	667.50	631.50
	B		By Mechanical Means													
	(i)	MF	Lime Stabilisation in Embankment : Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% slaked lime using Binder Spreader Machine ,having minimum content of 70% of CaO grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade - <i>By Mechanical Means</i>	Cum	854.60	744.50	698.10	767.70	689.10	652.80	901.00	790.20	743.00	814.10	734.80	697.60
	(ii)	MF	Lime Stabilisation in Embankment : Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% slaked lime manually spreaded,having minimum content of 70% of CaO grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade - <i>By Mechanical Means</i>	Cum	831.30	726.30	684.60	721.80	643.90	608.30	877.70	771.90	729.50	768.20	689.60	653.20
	(iii)	MF	Lime Stabilisation in Embankment : Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% slaked lime using Binder Spreader Machine ,having minimum content of 70% of CaO grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade - <i>By Mechanical Means</i>	Cum	1032.00	923.60	878.70	945.10	863.60	824.30	1148.50	1038.30	991.50	1061.70	978.30	937.10

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(ii)	MF	Cement Stabilisation for Improving Sub-grade: Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% Cement Manually Spreaded , grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade	Cum	1212.00	1081.70	1024.50	1107.00	1013.10	967.70	1245.40	1114.50	1056.70	1140.30	1045.90	999.90
B 4.04			Lime Stabilisation in Embankment													
			Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Rotavator with 2% slaked lime having minimum content of 70% of CaO, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade													
	A	MF	By Manual Means	Cum	795.40	686.30	640.80	701.80	624.30	589.00	817.30	707.90	662.10	723.80	645.90	610.20
	B		By Mechanical Means													
	(i)	MF	Lime Stabilisation in Embankment : Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% slaked lime using Binder Spreader Machine ,having minimum content of 70% of CaO grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade - <i>By Mechanical Means</i>	Cum	857.00	746.90	700.40	770.20	691.50	655.10	879.00	768.60	721.70	792.20	713.10	676.40
	(ii)	MF	Lime Stabilisation in Embankment : Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% slaked lime manually spreaded,having minimum content of 70% of CaO grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade - <i>By Mechanical Means</i>	Cum	833.70	728.70	687.00	724.20	646.30	610.70	855.70	750.30	708.30	746.20	668.00	631.90
	(iii)	MF	Lime Stabilisation in Embankment : Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% slaked lime using Binder Spreader Machine ,having minimum content of 70% of CaO grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade - <i>By Mechanical Means</i>	Cum	1053.20	944.50	899.30	966.30	884.50	844.90	1078.90	969.80	924.20	992.10	909.80	869.80

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(ii)	MF	Cement Stabilisation for Improving Sub-grade: Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% Cement Manually Spreaded , grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade	Cum	1451.20	1317.00	1255.90	1346.20	1248.40	1199.00	1383.10	1250.00	1190.00	1278.10	1181.40	1133.20
B 4.04			Lime Stabilisation in Embankment													
			Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Rotavator with 2% slaked lime having minimum content of 70% of CaO, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade													
	A	MF	<i>By Manual Means</i>	Cum	863.70	753.60	706.90	770.20	691.50	655.10	849.10	739.10	692.80	755.50	677.10	640.90
	B		<i>By Mechanical Means</i>													
	(i)	MF	Lime Stabilisation in Embankment : Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% slaked lime using Binder Spreader Machine ,having minimum content of 70% of CaO grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade - <i>By Mechanical Means</i>	Cum	925.40	814.20	766.60	838.60	758.80	721.30	910.70	799.80	752.40	823.90	744.40	707.10
	(ii)	MF	Lime Stabilisation in Embankment : Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% slaked lime manually spreaded,having minimum content of 70% of CaO grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade - <i>By Mechanical Means</i>	Cum	902.10	795.90	753.10	792.60	713.60	676.80	887.50	781.50	739.00	778.00	699.20	662.60
	(iii)	MF	Lime Stabilisation in Embankment : Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% slaked lime using Binder Spreader Machine ,having minimum content of 70% of CaO grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade - <i>By Mechanical Means</i>	Cum	1249.50	1137.60	1089.10	1162.60	1077.60	1034.70	1193.00	1082.00	1034.40	1106.10	1022.00	980.00

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iv)	MF	Cement Stabilisation in Embankment : Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% cement manually spread, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade - <i>By Mechanical Means</i>	Cum	987.70	875.50	826.90	895.30	814.60	776.10	964.00	852.10	803.90	871.50	791.20	753.10
B 4.05			Lime Treated Soil for Sub- Base													
		MF	Providing, laying and spreading prepared sub grade, pulverising, mixing the spread soil in place with Rotavator with 3% slaked lime having minimum content of 70% of CaO, grading with motor grader and compacting with the road roller at OMC to achieve at least 98% of max dry density to form a layer of sub base	Cum	885.10	796.70	755.40	886.80	447.50	772.30	861.10	773.10	732.20	862.70	447.50	749.10
B 4.06			Cement Treated Soil Sub Base/ Base													
		MF	Providing, laying and spreading prepared sub grade, pulverising, adding the designed quantity of cement to the spread soil, mixing in place with Rotavator, grading with motor grader and compacting with the road roller at OMC to achieve the desired unconfined compressive strength and to form a layer of improved sub-base/base	Cum	1437.20	1329.60	1278.50	1354.00	1268.30	1224.20	1391.60	1284.70	1234.40	1308.40	1223.50	1180.20
B 4.07			Cement Treated Crushed Rock or combination as per clause 403 and table 400.4 in Sub base/ Base													
			Providing, laying and spreading material on a prepared sub grade, adding the designed quantity of cement to the spread material, mixing in place with Rotavator, grading with motor grader and compacting with the road roller at OMC to achieve the desired unconfined compressive strength and to form a layer of improved sub-base/base													
	(i)	MF	For Sub-Base course	Cum	4415.00	4294.80	4206.00	4349.50	4250.60	4169.10	4368.80	4249.30	4161.30	4303.30	4205.10	4124.40
	(ii)	MF	For Base course	Cum	4450.80	4330.00	4240.60	4385.30	4285.80	4203.70	4404.50	4284.50	4195.90	4339.00	4240.30	4158.90
B 4.08	A		Cement Treated Crushed Stone Sub base Plant Mix Method													
			Construction of granular sub-base by providing graded Material, mixing with cement in a Mechanical Mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with Mechanical Paver on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per Clause 401													
			<i>Laying using Mechanical Paver</i>													
	(i)	MF	For Grading-III Material	Cum	5031.50	4765.00	4626.10	4942.90	4702.20	4584.10	4999.50	4733.50	4595.10	4910.80	4670.70	4553.10
	(ii)	MF	For Grading-IV Material	Cum	5073.30	4806.00	4666.50	4984.60	4743.30	4624.40	5041.20	4774.50	4635.50	4952.50	4711.70	4593.40

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iv)	MF	Cement Stabilisation in Embankment : Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% cement manually spread, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade - <i>By Mechanical Means</i>	Cum	987.70	875.50	826.90	895.30	814.60	776.10	1050.70	937.50	887.80	958.30	876.50	837.00
B 4.05			Lime Treated Soil for Sub- Base													
		MF	Providing, laying and spreading prepared sub grade, pulverising, mixing the spread soil in place with Rotavator with 3% slaked lime having minimum content of 70% of CaO, grading with motor grader and compacting with the road roller at OMC to achieve at least 98% of max dry density to form a layer of sub base	Cum	885.10	796.70	755.40	886.80	447.50	772.30	909.10	820.30	778.70	910.80	447.50	795.60
B 4.06			Cement Treated Soil Sub Base/ Base													
		MF	Providing, laying and spreading prepared sub grade, pulverising, adding the designed quantity of cement to the spread soil, mixing in place with Rotavator, grading with motor grader and compacting with the road roller at OMC to achieve the desired unconfined compressive strength and to form a layer of improved sub-base/base	Cum	1437.20	1329.60	1278.50	1354.00	1268.30	1224.20	1574.20	1464.40	1411.00	1491.00	1403.10	1356.80
B 4.07			Cement Treated Crushed Rock or combination as per clause 403 and table 400.4 in Sub base/ Base													
			Providing, laying and spreading material on a prepared sub grade, adding the designed quantity of cement to the spread material, mixing in place with Rotavator, grading with motor grader and compacting with the road roller at OMC to achieve the desired unconfined compressive strength and to form a layer of improved sub-base/base													
	(i)	MF	For Sub-Base course	Cum	4415.00	4294.80	4206.00	4349.50	4250.60	4169.10	5114.90	4983.20	4883.00	5049.40	4939.00	4846.00
	(ii)	MF	For Base course	Cum	4450.80	4330.00	4240.60	4385.30	4285.80	4203.70	5150.70	5018.40	4917.60	5085.20	4974.20	4880.60
B 4.08	A		Cement Treated Crushed Stone Sub base Plant Mix Method													
			Construction of granular sub-base by providing graded Material, mixing with cement in a Mechanical Mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with Mechanical Paver on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per Clause 401													
			<i>Laying using Mechanical Paver</i>													
	(i)	MF	For Grading-III Material	Cum	5031.50	4765.00	4626.10	4942.90	4702.20	4584.10	5594.20	5318.40	5170.30	5505.50	5255.60	5128.30
	(ii)	MF	For Grading-IV Material	Cum	5073.30	4806.00	4666.50	4984.60	4743.30	4624.40	5607.00	5331.10	5182.70	5518.30	5268.30	5140.70

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iv)	MF	Cement Stabilisation in Embankment : Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% cement manually spread, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade - <i>By Mechanical Means</i>	Cum	1107.40	993.20	942.60	1014.90	932.30	891.90	1094.30	980.40	930.00	1001.90	919.40	879.20
B 4.05			Lime Treated Soil for Sub- Base													
		MF	Providing, laying and spreading prepared sub grade, pulverising, mixing the spread soil in place with Rotavator with 3% slaked lime having minimum content of 70% of CaO, grading with motor grader and compacting with the road roller at OMC to achieve at least 98% of max dry density to form a layer of sub base	Cum	953.70	864.20	821.80	955.40	447.50	838.70	943.40	854.10	811.90	945.10	447.50	828.80
B 4.06			Cement Treated Soil Sub Base/ Base													
		MF	Providing, laying and spreading prepared sub grade, pulverising, adding the designed quantity of cement to the spread soil, mixing in place with Rotavator, grading with motor grader and compacting with the road roller at OMC to achieve the desired unconfined compressive strength and to form a layer of improved sub-base/base	Cum	1688.10	1576.30	1521.10	1604.90	1515.10	1466.90	1661.80	1550.50	1495.70	1578.60	1489.20	1441.50
B 4.07			Cement Treated Crushed Rock or combination as per clause 403 and table 400.4 in Sub base/ Base													
			Providing, laying and spreading material on a prepared sub grade, adding the designed quantity of cement to the spread material, mixing in place with Rotavator, grading with motor grader and compacting with the road roller at OMC to achieve the desired unconfined compressive strength and to form a layer of improved sub-base/base													
	(i)	MF	For Sub-Base course	Cum	5234.20	5100.60	4998.40	5168.70	5056.40	4961.40	5206.70	5073.50	4971.70	5141.20	5029.30	4934.80
	(ii)	MF	For Base course	Cum	5270.00	5135.70	5032.90	5204.50	5091.50	4996.00	5242.40	5108.60	5006.30	5176.90	5064.50	4969.40
B 4.08	A		Cement Treated Crushed Stone Sub base Plant Mix Method													
			Construction of granular sub-base by providing graded Material, mixing with cement in a Mechanical Mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with Mechanical Paver on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per Clause 401													
			<i>Laying using Mechanical Paver</i>													
	(i)	MF	For Grading-III Material	Cum	5675.60	5398.50	5249.10	5587.00	5335.80	5207.10	5656.80	5380.10	5230.90	5568.20	5317.30	5188.90
	(ii)	MF	For Grading-IV Material	Cum	5688.50	5411.20	5261.50	5599.80	5348.40	5219.50	5669.70	5392.70	5243.40	5581.00	5329.90	5201.30

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iv)	MF	Cement Stabilisation in Embankment : Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% cement manually spread , grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade - <i>By Mechanical Means</i>	Cum	1008.70	896.10	847.20	916.20	835.20	796.40	1125.30	1010.80	959.90	1032.80	949.80	909.10
B 4.05			Lime Treated Soil for Sub- Base													
		MF	Providing, laying and spreading prepared sub grade, pulverising, mixing the spread soil in place with Rotavator with 3% slaked lime having minimum content of 70% of CaO, grading with motor grader and compacting with the road roller at OMC to achieve at least 98% of max dry density to form a layer of sub base	Cum	891.90	803.50	762.10	893.60	447.50	779.00	957.20	867.60	825.20	958.90	447.50	842.10
B 4.06			Cement Treated Soil Sub Base/ Base													
		MF	Providing, laying and spreading prepared sub grade, pulverising, adding the designed quantity of cement to the spread soil, mixing in place with Rotavator, grading with motor grader and compacting with the road roller at OMC to achieve the desired unconfined compressive strength and to form a layer of improved sub-base/base	Cum	1483.20	1374.80	1323.00	1400.00	1313.60	1268.80	1728.30	1615.90	1560.10	1645.10	1554.60	1505.80
B 4.07			Cement Treated Crushed Rock or combination as per clause 403 and table 400.4 in Sub base/ Base													
			Providing, laying and spreading material on a prepared sub grade, adding the designed quantity of cement to the spread material, mixing in place with Rotavator, grading with motor grader and compacting with the road roller at OMC to achieve the desired unconfined compressive strength and to form a layer of improved sub-base/base													
	(i)	MF	For Sub-Base course	Cum	5015.10	4885.00	4786.40	4949.60	4840.80	4749.40	5279.40	5145.00	5042.00	5213.90	5100.80	5005.10
	(ii)	MF	For Base course	Cum	5050.80	4920.20	4821.00	4985.30	4876.00	4784.00	5315.10	5180.10	5076.60	5249.60	5136.00	5039.70
B 4.08	A		Cement Treated Crushed Stone Sub base Plant Mix Method													
			Construction of granular sub-base by providing graded Material, mixing with cement in a Mechanical Mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with Mechanical Paver on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per Clause 401													
			Laying using Mechanical Paver													
	(i)	MF	For Grading-III Material	Cum	5527.40	5252.80	5105.70	5438.70	5190.00	5063.70	5705.50	5427.90	5278.00	5616.80	5365.20	5236.00
	(ii)	MF	For Grading-IV Material	Cum	5540.30	5265.40	5118.20	5451.60	5202.60	5076.20	5718.40	5440.60	5290.40	5629.70	5377.80	5248.40

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iv)	MF	Cement Stabilisation in Embankment : Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% cement manually spread, grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade - <i>By Mechanical Means</i>	Cum	1029.90	917.00	867.70	937.40	856.10	816.90	1055.70	942.30	892.60	963.20	881.40	841.80
B 4.05			Lime Treated Soil for Sub- Base													
		MF	Providing, laying and spreading prepared sub grade, pulverising, mixing the spread soil in place with Rotavator with 3% slaked lime having minimum content of 70% of CaO, grading with motor grader and compacting with the road roller at OMC to achieve at least 98% of max dry density to form a layer of sub base	Cum	895.40	806.80	765.40	897.10	447.50	782.30	926.30	837.20	795.30	928.00	447.50	812.20
B 4.06			Cement Treated Soil Sub Base/ Base													
		MF	Providing, laying and spreading prepared sub grade, pulverising, adding the designed quantity of cement to the spread soil, mixing in place with Rotavator, grading with motor grader and compacting with the road roller at OMC to achieve the desired unconfined compressive strength and to form a layer of improved sub-base/base	Cum	1531.30	1422.20	1369.50	1448.10	1360.90	1315.30	1578.70	1468.70	1415.30	1495.50	1407.40	1361.10
B 4.07			Cement Treated Crushed Rock or combination as per clause 403 and table 400.4 in Sub base/ Base													
			Providing, laying and spreading material on a prepared sub grade, adding the designed quantity of cement to the spread material, mixing in place with Rotavator, grading with motor grader and compacting with the road roller at OMC to achieve the desired unconfined compressive strength and to form a layer of improved sub-base/base													
	(i)	MF	For Sub-Base course	Cum	5069.20	4938.30	4838.80	5003.70	4894.10	4801.80	5115.80	4984.10	4883.90	5050.30	4939.90	4846.90
	(ii)	MF	For Base course	Cum	5105.00	4973.40	4873.30	5039.50	4929.20	4836.40	5151.60	5019.30	4918.40	5086.10	4975.10	4881.50
B 4.08	A		Cement Treated Crushed Stone Sub base Plant Mix Method													
			Construction of granular sub-base by providing graded Material, mixing with cement in a Mechanical Mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with Mechanical Paver on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per Clause 401													
			<i>Laying using Mechanical Paver</i>													
	(i)	MF	For Grading-III Material	Cum	5563.20	5288.00	5140.40	5474.50	5225.20	5098.30	5596.00	5320.20	5172.10	5507.30	5257.40	5130.00
	(ii)	MF	For Grading-IV Material	Cum	5576.10	5300.60	5152.80	5487.40	5237.80	5110.80	5608.90	5332.90	5184.50	5520.20	5270.10	5142.50

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iv)	MF	Cement Stabilisation in Embankment : Providing, laying and spreading available soil in the sub grade on a prepared surface, pulverising, mixing the spread soil in place with Soil Stabilizer with 2% cement manually spread , grading with motor grader and compacting with the road roller at OMC to the desired density to form a layer of improved sub-grade - <i>By Mechanical Means</i>	Cum	1226.20	1110.10	1057.50	1133.70	1049.10	1006.80	1169.70	1054.50	1002.90	1077.20	993.50	952.10
B 4.05			Lime Treated Soil for Sub- Base													
		MF	Providing, laying and spreading prepared sub grade, pulverising, mixing the spread soil in place with Rotavator with 3% slaked lime having minimum content of 70% of CaO, grading with motor grader and compacting with the road roller at OMC to achieve at least 98% of max dry density to form a layer of sub base	Cum	991.50	901.40	858.40	993.20	447.50	875.30	970.90	881.10	838.40	972.60	447.50	855.30
B 4.06			Cement Treated Soil Sub Base/ Base													
		MF	Providing, laying and spreading prepared sub grade, pulverising, adding the designed quantity of cement to the spread soil, mixing in place with Rotavator, grading with motor grader and compacting with the road roller at OMC to achieve the desired unconfined compressive strength and to form a layer of improved sub-base/base	Cum	1949.70	1833.60	1774.20	1866.50	1772.40	1719.90	1826.30	1712.30	1654.80	1743.10	1651.00	1600.60
B 4.07			Cement Treated Crushed Rock or combination as per clause 403 and table 400.4 in Sub base/ Base													
			Providing, laying and spreading material on a prepared sub grade, adding the designed quantity of cement to the spread material, mixing in place with Rotavator, grading with motor grader and compacting with the road roller at OMC to achieve the desired unconfined compressive strength and to form a layer of improved sub-base/base													
	(i)	MF	For Sub-Base course	Cum	5524.00	5385.60	5278.70	5458.50	5341.40	5241.70	5388.00	5251.80	5147.10	5322.50	5207.70	5110.20
	(ii)	MF	For Base course	Cum	5559.80	5420.80	5313.30	5494.30	5376.60	5276.30	5423.80	5287.00	5181.70	5358.30	5242.80	5144.80
B 4.08	A		Cement Treated Crushed Stone Sub base Plant Mix Method													
			Construction of granular sub-base by providing graded Material, mixing with cement in a Mechanical Mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with Mechanical Paver on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per Clause 401													
			Laying using Mechanical Paver													
	(i)	MF	For Grading-III Material	Cum	5868.50	5588.30	5435.70	5779.80	5525.50	5393.60	5777.80	5499.00	5347.90	5689.10	5436.30	5305.90
	(ii)	MF	For Grading-IV Material	Cum	5881.40	5600.90	5448.10	5792.70	5538.10	5406.10	5790.70	5511.70	5360.30	5702.00	5448.90	5318.30

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 4.08			Cement Treated Crushed Stone Sub base													
	B		By Mix in Place Method													
			Construction of granular sub-base by providing graded Material, mixing, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per Clause 401													
			<i>By Mechanical Means</i>													
	(i)	MF	For Grading-III Material	Cum	4791.80	4555.10	4435.10	4657.80	4475.00	4370.90	4759.70	4523.50	4404.10	4625.70	4443.50	4339.90
	(ii)	MF	For Grading-IV Material	Cum	4833.50	4596.10	4475.40	4699.50	4516.10	4411.30	4801.50	4564.60	4444.40	4667.50	4484.50	4380.30
B 4.09			Making 50 mm x 50 mm Furrows													
			Making 50 mm x 50 mm Furrows, 25mm/50mm deep, 450 to the center line of the road and at one meter interval in the existing thin bituminous wearing coarse including sweeping and disposal of excavated material within 1000 meters lead													
	(i)		25 mm deep furrow cutting	Sqm	12.90	12.70	12.40	9.70	9.50	9.40	12.90	12.70	12.40	9.70	9.50	9.40
	(ii)		50 mm deep furrow cutting	Sqm	25.70	25.30	24.90	19.40	19.10	18.70	25.70	25.30	24.90	19.40	19.10	18.70
B 4.10			Inverted Choke													
			Construction of inverted choke by providing, laying, spreading and compacting screening B type/ coarse sand of specified grade in uniform layer on a prepared surface with motor grader and compacting with power roller etc	Cum	5910.60	5764.80	5651.20	5852.50	5725.80	5618.70	4945.80	4815.80	4718.00	4887.70	4776.80	4685.60
B 4.11			Water Bound Macadam													
			Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel/ vibratory roller in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to required density													
B 4.11	A		<i>By Manual Means</i>													
	(i)		<i>Grading II</i>													
	(a)		Using Screening Crushable type such as Moorum or Gravel	Cum	5004.90	4979.80	4867.70	4816.20	4758.00	4661.80	4968.60	4944.10	4832.60	4779.90	4722.30	4626.70
	(b)		Using Screening Type-A (13.2mm agg.)	Cum	4477.40	4461.00	4357.50	4288.70	4239.20	4151.60	4373.70	4359.00	4257.20	4185.00	4137.10	4051.30
	(c)		Using Screening Type-B (11.2mm agg.)	Cum	4840.20	4817.80	4708.30	4651.40	4596.00	4502.50	4803.90	4782.10	4673.20	4615.10	4560.30	4467.40
	(ii)		<i>Grading III</i>													
	(a)		Using Screening Crushable type such as Moorum or Gravel	Cum	5101.60	5074.90	4961.20	4912.90	4853.10	4755.30	5065.30	5039.20	4926.10	4876.60	4817.40	4720.20
	(b)		Using Screening Type-B (11.2mm agg.)	Cum	4936.80	4912.90	4801.80	4748.10	4691.10	4596.00	4900.60	4877.20	4766.70	4711.80	4655.40	4560.90
	B		<i>By Mechanical Means</i>													
	(i)		<i>Grading II</i>													
	(a)		Using Screening Crushable type such as Moorum or Gravel	Cum	4348.30	4266.40	4149.70	4842.20	4651.60	4543.10	4188.40	4109.10	3995.00	4682.30	4494.20	4388.40
	(b)		Using Screening Type-A (13.2mm agg.)	Cum	4124.10	4045.80	3932.80	4618.00	4431.00	4326.20	4087.80	4010.20	3897.70	4581.70	4395.30	4291.10
	(c)		Using Screening Type-B (11.2mm agg.)	Cum	4379.80	4297.30	4180.20	4873.70	4682.50	4573.50	4343.50	4261.70	4145.10	4837.40	4646.80	4538.40

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 4.08			Cement Treated Crushed Stone Sub base													
	B		By Mix in Place Method													
			Construction of granular sub-base by providing graded Material, mixing, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per Clause 401													
			By Mechanical Means													
	(i)	MF	For Grading-III Material	Cum	4791.80	4555.10	4435.10	4657.80	4475.00	4370.90	5354.40	5108.50	4979.30	5220.40	5028.40	4915.10
	(ii)	MF	For Grading-IV Material	Cum	4833.50	4596.10	4475.40	4699.50	4516.10	4411.30	5367.30	5121.10	4991.70	5233.30	5041.10	4927.50
B 4.09			Making 50 mm x 50 mm Furrows													
			Making 50 mm x 50 mm Furrows, 25mm/50mm deep, 450 to the center line of the road and at one meter interval in the existing thin bituminous wearing coarse including sweeping and disposal of excavated material within 1000 meters lead													
	(i)		25 mm deep furrow cutting	Sqm	12.90	12.70	12.40	9.70	9.50	9.40	12.90	12.70	12.40	9.70	9.50	9.40
	(ii)		50 mm deep furrow cutting	Sqm	25.70	25.30	24.90	19.40	19.10	18.70	25.70	25.30	24.90	19.40	19.10	18.70
B 4.10			Inverted Choke													
			Construction of inverted choke by providing, laying, spreading and compacting screening B type/ coarse sand of specified grade in uniform layer on a prepared surface with motor grader and compacting with power roller etc	Cum	5910.60	5764.80	5651.20	5852.50	5725.80	5618.70	8091.00	7909.30	7760.00	8032.80	7870.40	7727.60
B 4.11			Water Bound Macadam													
			Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel/ vibratory roller in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to required density													
B 4.11	A		By Manual Means													
	(i)		Grading II													
	(a)		Using Screening Crushable type such as Moorum or Gravel	Cum	5004.90	4979.80	4867.70	4816.20	4758.00	4661.80	5921.20	5881.10	5754.00	5732.50	5659.30	5548.10
	(b)		Using Screening Type-A (13.2mm agg.)	Cum	4477.40	4461.00	4357.50	4288.70	4239.20	4151.60	5546.30	5512.30	5391.30	5357.60	5290.50	5185.50
	(c)		Using Screening Type-B (11.2mm agg.)	Cum	4840.20	4817.80	4708.30	4651.40	4596.00	4502.50	5756.50	5719.10	5594.60	5567.80	5497.30	5388.70
	(ii)		Grading III													
	(a)		Using Screening Crushable type such as Moorum or Gravel	Cum	5101.60	5074.90	4961.20	4912.90	4853.10	4755.30	6035.00	5993.00	5864.00	5846.30	5771.20	5658.10
	(b)		Using Screening Type-B (11.2mm agg.)	Cum	4936.80	4912.90	4801.80	4748.10	4691.10	4596.00	5870.30	5831.00	5704.70	5681.50	5609.20	5498.80
	B		By Mechanical Means													
	(i)		Grading II													
	(a)		Using Screening Crushable type such as Moorum or Gravel	Cum	4348.30	4266.40	4149.70	4842.20	4651.60	4543.10	5544.30	5442.80	5306.50	6038.20	5827.90	5699.80
	(b)		Using Screening Type-A (13.2mm agg.)	Cum	4124.10	4045.80	3932.80	4618.00	4431.00	4326.20	5040.40	4947.20	4819.10	5534.30	5332.30	5212.40
	(c)		Using Screening Type-B (11.2mm agg.)	Cum	4379.80	4297.30	4180.20	4873.70	4682.50	4573.50	5296.10	5198.70	5066.40	5790.00	5583.80	5459.80

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 4.08			Cement Treated Crushed Stone Sub base													
	B		By Mix in Place Method													
			Construction of granular sub-base by providing graded Material, mixing, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per Clause 401													
			<i>By Mechanical Means</i>													
	(i)	MF	For Grading-III Material	Cum	5435.90	5188.60	5058.10	5301.90	5108.60	4993.90	5417.10	5170.10	5039.90	5283.10	5090.10	4975.70
	(ii)	MF	For Grading-IV Material	Cum	5448.80	5201.30	5070.50	5314.80	5121.20	5006.30	5430.00	5182.80	5052.30	5296.00	5102.70	4988.20
B 4.09			Making 50 mm x 50 mm Furrows													
			Making 50 mm x 50 mm Furrows, 25mm/50mm deep, 450 to the center line of the road and at one meter interval in the existing thin bituminous wearing coarse including sweeping and disposal of excavated material within 1000 meters lead													
	(i)		25 mm deep furrow cutting	Sqm	12.90	12.70	12.40	9.70	9.50	9.40	12.90	12.70	12.40	9.70	9.50	9.40
	(ii)		50 mm deep furrow cutting	Sqm	25.70	25.30	24.90	19.40	19.10	18.70	25.70	25.30	24.90	19.40	19.10	18.70
B 4.10			Inverted Choke													
			Construction of inverted choke by providing, laying, spreading and compacting screening B type/ coarse sand of specified grade in uniform layer on a prepared surface with motor grader and compacting with power roller etc	Cum	10086.10	9871.80	9689.70	10028.00	9832.80	9657.30	9625.70	9418.90	9244.40	9567.60	9379.90	9212.00
B 4.11			Water Bound Macadam													
			Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel/ vibratory roller in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to required density													
B 4.11	A		<i>By Manual Means</i>													
	(i)		<i>Grading II</i>													
	(a)		Using Screening Crushable type such as Moorum or Gravel	Cum	5995.70	5954.40	5826.00	5807.00	5732.60	5620.20	5978.60	5937.50	5809.40	5789.80	5715.70	5603.50
	(b)		Using Screening Type-A (13.2mm agg.)	Cum	5760.30	5722.80	5598.30	5571.60	5501.00	5392.50	5710.90	5674.30	5550.60	5522.20	5452.50	5344.70
	(c)		Using Screening Type-B (11.2mm agg.)	Cum	5831.00	5792.40	5666.70	5642.30	5570.50	5460.80	5813.80	5775.40	5650.00	5625.10	5553.60	5444.20
	(ii)		<i>Grading III</i>													
	(a)		Using Screening Crushable type such as Moorum or Gravel	Cum	6109.50	6066.30	5936.10	5920.80	5844.50	5730.20	6092.30	6049.40	5919.40	5903.60	5827.60	5713.60
	(b)		Using Screening Type-B (11.2mm agg.)	Cum	5944.80	5904.30	5776.70	5756.00	5682.50	5570.80	5927.60	5887.40	5760.10	5738.80	5665.50	5554.20
	B		<i>By Mechanical Means</i>													
	(i)		<i>Grading II</i>													
	(a)		Using Screening Crushable type such as Moorum or Gravel	Cum	5874.50	5767.60	5625.90	6368.40	6152.70	6019.20	5798.30	5692.60	5552.20	6292.20	6077.80	5945.50
	(b)		Using Screening Type-A (13.2mm agg.)	Cum	5114.90	5020.40	4891.20	5608.80	5405.60	5284.50	5097.70	5003.50	4874.60	5591.60	5388.70	5267.90
	(c)		Using Screening Type-B (11.2mm agg.)	Cum	5370.60	5271.90	5138.50	5864.50	5657.10	5531.80	5353.40	5255.00	5121.90	5847.30	5640.20	5515.20

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 4.08			Cement Treated Crushed Stone Sub base													
	B		By Mix in Place Method													
			Construction of granular sub-base by providing graded Material, mixing, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per Clause 401													
			By Mechanical Means													
	(i)	MF	For Grading-III Material	Cum	5287.70	5042.80	4914.70	5153.70	4962.80	4850.50	5465.80	5218.00	5086.90	5331.80	5138.00	5022.80
	(ii)	MF	For Grading-IV Material	Cum	5300.50	5055.50	4927.10	5166.50	4975.40	4863.00	5478.60	5230.60	5099.40	5344.60	5150.60	5035.20
B 4.09			Making 50 mm x 50 mm Furrows													
			Making 50 mm x 50 mm Furrows, 25mm/50mm deep, 450 to the center line of the road and at one meter interval in the existing thin bituminous wearing coarse including sweeping and disposal of excavated material within 1000 meters lead													
	(i)		25 mm deep furrow cutting	Sqm	12.90	12.70	12.40	9.70	9.50	9.40	12.90	12.70	12.40	9.70	9.50	9.40
	(ii)		50 mm deep furrow cutting	Sqm	25.70	25.30	24.90	19.40	19.10	18.70	25.70	25.30	24.90	19.40	19.10	18.70
B 4.10			Inverted Choke													
			Construction of inverted choke by providing, laying, spreading and compacting screening B type/ coarse sand of specified grade in uniform layer on a prepared surface with motor grader and compacting with power roller etc	Cum	6403.70	6249.80	6128.10	6345.60	6210.80	6095.70	10852.80	10625.90	10431.30	10794.70	10587.00	10398.90
B 4.11			Water Bound Macadam													
			Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel/ vibratory roller in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to required density													
B 4.11	A		By Manual Means													
	(i)		Grading II													
	(a)		Using Screening Crushable type such as Moorum or Gravel	Cum	5860.40	5821.30	5695.10	5671.70	5599.50	5489.20	6022.90	5981.20	5852.30	5834.20	5759.30	5646.50
	(b)		Using Screening Type-A (13.2mm agg.)	Cum	5367.40	5336.40	5218.30	5178.70	5114.60	5012.40	5841.20	5802.40	5676.50	5652.40	5580.60	5470.70
	(c)		Using Screening Type-B (11.2mm agg.)	Cum	5695.60	5659.20	5535.80	5506.90	5437.40	5329.90	5858.20	5819.10	5693.00	5669.50	5597.30	5487.10
	(ii)		Grading III													
	(a)		Using Screening Crushable type such as Moorum or Gravel	Cum	5974.20	5933.20	5805.10	5785.40	5711.40	5599.30	6136.70	6093.10	5962.40	5948.00	5871.30	5756.50
	(b)		Using Screening Type-B (11.2mm agg.)	Cum	5809.40	5771.10	5645.80	5620.70	5549.30	5439.90	5972.00	5931.00	5803.00	5783.20	5709.20	5597.10
	B		By Mechanical Means													
	(i)		Grading II													
	(a)		Using Screening Crushable type such as Moorum or Gravel	Cum	5267.00	5170.10	5038.30	5761.00	5555.20	5431.60	6000.10	5891.10	5747.30	6494.00	6276.20	6140.70
	(b)		Using Screening Type-A (13.2mm agg.)	Cum	4979.50	4887.30	4760.30	5473.50	5272.40	5153.60	5142.10	5047.20	4917.50	5636.00	5432.30	5310.80
	(c)		Using Screening Type-B (11.2mm agg.)	Cum	5235.20	5138.80	5007.60	5729.20	5523.90	5400.90	5397.80	5298.70	5164.80	5891.70	5683.80	5558.10

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 4.08			Cement Treated Crushed Stone Sub base													
	B		By Mix in Place Method													
			Construction of granular sub-base by providing graded Material, mixing, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per Clause 401													
			By Mechanical Means													
	(i)	MF	For Grading-III Material	Cum	5323.50	5078.00	4949.30	5189.50	4998.00	4885.20	5356.30	5110.30	4981.00	5222.30	5030.20	4916.90
	(ii)	MF	For Grading-IV Material	Cum	5336.30	5090.70	4961.70	5202.30	5010.60	4897.60	5369.10	5122.90	4993.50	5235.10	5042.90	4929.30
B 4.09			Making 50 mm x 50 mm Furrows													
			Making 50 mm x 50 mm Furrows, 25mm/50mm deep, 450 to the center line of the road and at one meter interval in the existing thin bituminous wearing coarse including sweeping and disposal of excavated material within 1000 meters lead													
	(i)		25 mm deep furrow cutting	Sqm	12.90	12.70	12.40	9.70	9.50	9.40	12.90	12.70	12.40	9.70	9.50	9.40
	(ii)		50 mm deep furrow cutting	Sqm	25.70	25.30	24.90	19.40	19.10	18.70	25.70	25.30	24.90	19.40	19.10	18.70
B 4.10			Inverted Choke													
			Construction of inverted choke by providing, laying, spreading and compacting screening B type/ coarse sand of specified grade in uniform layer on a prepared surface with motor grader and compacting with power roller etc	Cum	7323.80	7154.70	7018.00	7265.60	7115.80	6985.50	8091.80	7910.10	7760.80	8033.70	7871.20	7728.40
B 4.11			Water Bound Macadam													
			Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel/ vibratory roller in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to required density													
B 4.11	A		By Manual Means													
	(i)		Grading II													
	(a)		Using Screening Crushable type such as Moorum or Gravel	Cum	5893.00	5853.30	5726.60	5704.20	5631.50	5520.70	5923.10	5882.90	5755.70	5734.30	5661.10	5549.90
	(b)		Using Screening Type-A (13.2mm agg.)	Cum	5464.40	5431.70	5312.10	5275.60	5209.90	5106.20	5548.10	5514.10	5393.10	5359.40	5292.30	5187.20
	(c)		Using Screening Type-B (11.2mm agg.)	Cum	5728.20	5691.30	5567.20	5539.50	5469.40	5361.40	5758.30	5720.90	5596.40	5569.60	5499.10	5390.50
	(ii)		Grading III													
	(a)		Using Screening Crushable type such as Moorum or Gravel	Cum	6006.70	5965.20	5836.60	5818.00	5743.40	5630.80	6036.80	5994.80	5865.80	5848.10	5773.00	5659.90
	(b)		Using Screening Type-B (11.2mm agg.)	Cum	5842.00	5803.20	5677.30	5653.20	5581.30	5471.40	5872.10	5832.80	5706.40	5683.40	5611.00	5500.60
	B		By Mechanical Means													
	(i)		Grading II													
	(a)		Using Screening Crushable type such as Moorum or Gravel	Cum	5417.60	5318.20	5184.00	5911.50	5703.30	5577.30	5546.10	5444.60	5308.30	6040.00	5829.70	5701.60
	(b)		Using Screening Type-A (13.2mm agg.)	Cum	5012.10	4919.30	4791.80	5506.00	5304.50	5185.10	5042.20	4948.90	4820.90	5536.10	5334.10	5214.20
	(c)		Using Screening Type-B (11.2mm agg.)	Cum	5267.80	5170.80	5039.10	5761.70	5556.00	5432.40	5297.90	5200.50	5068.20	5791.80	5585.60	5461.50

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 4.08			Cement Treated Crushed Stone Sub base													
	B		By Mix in Place Method													
			Construction of granular sub-base by providing graded Material, mixing, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per Clause 401													
			<i>By Mechanical Means</i>													
	(i)	MF	For Grading-III Material	Cum	5628.80	5378.30	5244.60	5494.80	5298.30	5180.50	5538.10	5289.10	5156.90	5404.10	5209.10	5092.70
	(ii)	MF	For Grading-IV Material	Cum	5641.70	5391.00	5257.00	5507.60	5310.90	5192.90	5550.90	5301.70	5169.30	5416.90	5221.70	5105.10
B 4.09			Making 50 mm x 50 mm Furrows													
			Making 50 mm x 50 mm Furrows, 25mm/50mm deep, 450 to the center line of the road and at one meter interval in the existing thin bituminous wearing coarse including sweeping and disposal of excavated material within 1000 meters lead													
	(i)		25 mm deep furrow cutting	Sqm	12.90	12.70	12.40	9.70	9.50	9.40	12.90	12.70	12.40	9.70	9.50	9.40
	(ii)		50 mm deep furrow cutting	Sqm	25.70	25.30	24.90	19.40	19.10	18.70	25.70	25.30	24.90	19.40	19.10	18.70
B 4.10			Inverted Choke													
			Construction of inverted choke by providing, laying, spreading and compacting screening B type/ coarse sand of specified grade in uniform layer on a prepared surface with motor grader and compacting with power roller etc	Cum	14993.80	14699.00	14436.50	14935.60	14660.00	14404.10	12693.20	12436.10	12211.30	12635.00	12397.10	12178.90
B 4.11			Water Bound Macadam													
			Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel/ vibratory roller in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to required density													
B 4.11	A		<i>By Manual Means</i>													
	(i)		<i>Grading II</i>													
	(a)		Using Screening Crushable type such as Moorum or Gravel	Cum	6171.50	6127.30	5996.00	5982.70	5905.40	5790.10	6088.80	6045.90	5916.00	5900.10	5824.10	5710.20
	(b)		Using Screening Type-A (13.2mm agg.)	Cum	6279.50	6233.50	6100.40	6090.70	6011.70	5894.60	6035.80	5993.80	5864.80	5847.10	5772.00	5658.90
	(c)		Using Screening Type-B (11.2mm agg.)	Cum	6006.70	5965.20	5836.60	5818.00	5743.40	5630.80	5924.00	5883.90	5756.70	5735.30	5662.10	5550.80
	(ii)		<i>Grading III</i>													
	(a)		Using Screening Crushable type such as Moorum or Gravel	Cum	6285.20	6239.20	6106.00	6096.50	6017.30	5900.20	6202.60	6157.80	6026.10	6013.80	5936.00	5820.20
	(b)		Using Screening Type-B (11.2mm agg.)	Cum	6120.50	6077.10	5946.70	5931.80	5855.30	5740.80	6037.80	5995.80	5866.70	5849.10	5774.00	5660.80
	B		<i>By Mechanical Means</i>													
	(i)		<i>Grading II</i>													
	(a)		Using Screening Crushable type such as Moorum or Gravel	Cum	6679.80	6559.70	6404.80	7173.70	6944.80	6798.10	6302.00	6188.10	6039.40	6795.90	6573.20	6432.70
	(b)		Using Screening Type-A (13.2mm agg.)	Cum	5290.60	5193.30	5061.20	5784.60	5578.40	5454.50	5207.90	5112.00	4981.20	5701.90	5497.10	5374.50
	(c)		Using Screening Type-B (11.2mm agg.)	Cum	5546.30	5444.80	5308.50	6040.20	5829.90	5701.80	5463.60	5363.50	5228.50	5957.60	5748.60	5621.80

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(ii)		Grading III													
	(a)		Using Screening Crushable type such as Moorum or Gravel	Cum	4445.00	4361.50	4243.20	4938.90	4746.60	4636.60	4285.00	4204.20	4088.50	4779.00	4589.30	4481.90
	(b)		Using Screening Type-B (11.2mm agg.)	Cum	4476.40	4392.40	4273.70	4970.40	4777.60	4667.00	4440.20	4356.80	4238.60	4934.10	4741.90	4631.90
B 4.12			Crushed Cement Concrete Sub-base / Base													
			Breaking and Crushing of Material obtained by breaking damaged cement concrete slabs to size range not exceeding 75mm as specified in Table 400.9 transporting the aggregates obtained from breaking of cement concrete slabs at a lead of 10 Km, laying and compacting the same as sub-base/base course, constructed as WBM to Clause 404 except the use of screening or binding material.	Cum	832.90	716.90	667.00	706.80	614.80	573.60	831.90	715.90	666.00	705.80	613.80	572.60
B 4.13			Penetration Coat Over Top Layer of Crushed Cement Concrete Base													
			Spraying of Bitumen over Cleaned dry surface of crushed cement concrete base @ 25kg per 10 sqm by a bitumen pressure distributor, spreading of key aggregates @ 0.13 cum per 10 sqm by a mechanical gritter and roling the surface as per Clause 506.3.8	Sqm	51.50	50.70	49.80	51.00	50.20	49.40	51.50	50.60	49.80	51.00	50.20	49.30
B 4.14	A		Wet Mix Macadam (Plant Mix Method)													
			Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in Mechanical Mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in sub base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density													
	A		Laying Using Mechanical Paver	Cum	4849.50	4683.00	4575.60	4837.90	4675.40	4562.80	4847.80	4681.40	4573.90	4836.20	4673.70	4561.10
	B		Laying Using Grader	Cum	4854.90	4687.00	4580.90	4813.00	4646.50	4545.90	4853.20	4685.30	4579.30	4811.30	4644.80	4544.20
B 4.15			Cement Treated Crushed Stone Base (Plant Mix Method)													
			Providing, laying, spreading and compacting graded stone aggregate mixed with cement to crushed stone treated base specification including premixing the material with water at OMC in Mechanical Mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in sub base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density	Cum	6067.90	5777.00	5628.70	5937.20	5698.60	5566.00	6013.80	5723.80	5576.40	5883.00	5645.40	5513.70

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(ii)		Grading III													
	(a)		Using Screening Crushable type such as Moorum or Gravel	Cum	4445.00	4361.50	4243.20	4938.90	4746.60	4636.60	5658.00	5554.70	5416.50	6152.00	5939.80	5809.80
	(b)		Using Screening Type-B (11.2mm agg.)	Cum	4476.40	4392.40	4273.70	4970.40	4777.60	4667.00	5409.90	5310.60	5176.50	5903.80	5695.70	5569.80
B 4.12			Crushed Cement Concrete Sub-base / Base													
			Breaking and Crushing of Material obtained by breaking damaged cement concrete slabs to size range not exceeding 75mm as specified in Table 400.9 transporting the aggregates obtained from breaking of cement concrete slabs at a lead of 10 Km, laying and compacting the same as sub-base/base course, constructed as WBM to Clause 404 except the use of screening or binding material.	Cum	832.90	716.90	667.00	706.80	614.80	573.60	833.90	717.90	668.00	707.80	615.80	574.60
B 4.13			Penetration Coat Over Top Layer of Crushed Cement Concrete Base													
			Spraying of Bitumen over Cleaned dry surface of crushed cement concrete base @ 25kg per 10 sqm by a bitumen pressure distributor, spreading of key aggregates @ 0.13 cum per 10 sqm by a mechanical gritter and roling the surface as per Clause 506.3.8	Sqm	51.50	50.70	49.80	51.00	50.20	49.40	51.60	50.70	49.90	51.10	50.30	49.40
B 4.14	A		Wet Mix Macadam (Plant Mix Method)													
			Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in Mechanical Mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in sub base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density													
	A		Laying Using Mechanical Paver	Cum	4849.50	4683.00	4575.60	4837.90	4675.40	4562.80	5150.00	4978.60	4866.20	5138.40	4971.00	4853.40
	B		Laying Using Grader	Cum	4854.90	4687.00	4580.90	4813.00	4646.50	4545.90	5155.40	4982.60	4871.60	5113.50	4942.10	4836.50
B 4.15			Cement Treated Crushed Stone Base (Plant Mix Method)													
			Providing, laying, spreading and compacting graded stone aggregate mixed with cement to crushed stone treated base specification including premixing the material with water at OMC in Mechanical Mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in sub base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density	Cum	6067.90	5777.00	5628.70	5937.20	5698.60	5566.00	6535.80	6237.30	6081.30	6405.10	6158.80	6018.60

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(ii)		Grading III													
	(a)		Using Screening Crushable type such as Moorum or Gravel	Cum	5988.30	5879.50	5735.90	6482.20	6264.60	6129.30	5912.10	5804.50	5662.20	6406.00	6189.70	6055.60
	(b)		Using Screening Type-B (11.2mm agg.)	Cum	5484.40	5383.80	5248.50	5978.30	5769.00	5641.90	5467.20	5366.90	5231.90	5961.10	5752.10	5625.20
B 4.12			Crushed Cement Concrete Sub-base / Base													
			Breaking and Crushing of Material obtained by breaking damaged cement concrete slabs to size range not exceeding 75mm as specified in Table 400.9 transporting the aggregates obtained from breaking of cement concrete slabs at a lead of 10 Km, laying and compacting the same as sub-base/base course, constructed as WBM to Clause 404 except the use of screening or binding material.	Cum	835.80	719.80	669.80	709.70	617.70	576.40	835.40	719.40	669.40	709.30	617.20	576.00
B 4.13			Penetration Coat Over Top Layer of Crushed Cement Concrete Base													
			Spraying of Bitumen over Cleaned dry surface of crushed cement concrete base @ 25kg per 10 sqm by a bitumen pressure distributor, spreading of key aggregates @ 0.13 cum per 10 sqm by a mechanical gritter and roling the surface as per Clause 506.3.8	Sqm	51.60	50.80	49.90	51.10	50.30	49.50	51.60	50.80	49.90	51.10	50.30	49.50
B 4.14	A		Wet Mix Macadam (Plant Mix Method)													
			Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in Mechanical Mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in sub base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density													
	A		Laying Using Mechanical Paver	Cum	5153.10	4981.70	4869.30	5141.50	4974.00	4856.40	5152.40	4981.00	4868.60	5140.80	4973.30	4855.70
	B		Laying Using Grader	Cum	5158.50	4985.70	4874.60	5116.70	4945.20	4839.50	5157.80	4984.90	4873.90	5115.90	4944.40	4838.80
B 4.15			Cement Treated Crushed Stone Base (Plant Mix Method)													
			Providing, laying, spreading and compacting graded stone aggregate mixed with cement to crushed stone treated base specification including premixing the material with water at OMC in Mechanical Mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in sub base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density	Cum	6673.00	6372.30	6214.00	6542.30	6293.80	6151.30	6641.40	6341.10	6183.40	6510.60	6262.70	6120.70

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(ii)		Grading III													
	(a)		Using Screening Crushable type such as Moorum or Gravel	Cum	5380.80	5282.00	5148.40	5874.70	5667.10	5541.70	6113.80	6003.00	5857.40	6607.80	6388.10	6250.70
	(b)		Using Screening Type-B (11.2mm agg.)	Cum	5349.00	5250.70	5117.60	5842.90	5635.80	5510.90	5511.60	5410.60	5274.80	6005.50	5795.70	5668.20
B 4.12			Crushed Cement Concrete Sub-base / Base													
			Breaking and Crushing of Material obtained by breaking damaged cement concrete slabs to size range not exceeding 75mm as specified in Table 400.9 transporting the aggregates obtained from breaking of cement concrete slabs at a lead of 10 Km, laying and compacting the same as sub-base/base course, constructed as WBM to Clause 404 except the use of screening or binding material.	Cum	833.20	717.20	667.30	707.10	615.10	573.90	836.00	719.90	670.00	709.90	617.80	576.60
B 4.13			Penetration Coat Over Top Layer of Crushed Cement Concrete Base													
			Spraying of Bitumen over Cleaned dry surface of crushed cement concrete base @ 25kg per 10 sqm by a bitumen pressure distributor, spreading of key aggregates @ 0.13 cum per 10 sqm by a mechanical gritter and roling the surface as per Clause 506.3.8	Sqm	51.50	50.70	49.80	51.00	50.20	49.40	51.60	50.80	50.00	51.20	50.30	49.50
B 4.14	A		Wet Mix Macadam (Plant Mix Method)													
			Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in Mechanical Mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in sub base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density													
	A		Laying Using Mechanical Paver	Cum	5148.80	4977.40	4865.10	5137.20	4969.80	4852.30	5153.40	4981.90	4869.50	5141.80	4974.30	4856.70
	B		Laying Using Grader	Cum	5154.20	4981.40	4870.40	5112.30	4940.90	4835.30	5158.80	4985.90	4874.80	5116.90	4945.40	4839.80
B 4.15			Cement Treated Crushed Stone Base (Plant Mix Method)													
			Providing, laying, spreading and compacting graded stone aggregate mixed with cement to crushed stone treated base specification including premixing the material with water at OMC in Mechanical Mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in sub base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density	Cum	6423.70	6127.00	5972.80	6292.90	6048.50	5910.10	6723.20	6421.60	6262.50	6592.40	6343.10	6199.80

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(ii)		Grading III													
	(a)		Using Screening Crushable type such as Moorum or Gravel	Cum	5531.40	5430.10	5294.00	6025.30	5815.20	5687.30	5659.90	5556.50	5418.30	6153.80	5941.60	5811.60
	(b)		Using Screening Type-B (11.2mm agg.)	Cum	5381.60	5282.70	5149.10	5875.50	5667.90	5542.40	5411.70	5312.40	5178.20	5905.60	5697.50	5571.60
B 4.12			Crushed Cement Concrete Sub-base / Base													
			Breaking and Crushing of Material obtained by breaking damaged cement concrete slabs to size range not exceeding 75mm as specified in Table 400.9 transporting the aggregates obtained from breaking of cement concrete slabs at a lead of 10 Km, laying and compacting the same as sub-base/base course, constructed as WBM to Clause 404 except the use of screening or binding material.	Cum	833.30	717.40	667.40	707.30	615.20	574.00	834.60	718.70	668.70	708.60	616.50	575.30
B 4.13			Penetration Coat Over Top Layer of Crushed Cement Concrete Base													
			Spraying of Bitumen over Cleaned dry surface of crushed cement concrete base @ 25kg per 10 sqm by a bitumen pressure distributor, spreading of key aggregates @ 0.13 cum per 10 sqm by a mechanical gritter and roling the surface as per Clause 506.3.8	Sqm	51.50	50.70	49.90	51.10	50.20	49.40	51.60	50.70	49.90	51.10	50.30	49.40
B 4.14	A		Wet Mix Macadam (Plant Mix Method)													
			Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in Mechanical Mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in sub base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density													
	A		Laying Using Mechanical Paver	Cum	5149.00	4977.70	4865.30	5137.40	4970.00	4852.50	5151.20	4979.80	4867.40	5139.60	4972.10	4854.60
	B		Laying Using Grader	Cum	5154.40	4981.60	4870.60	5112.60	4941.10	4835.60	5156.60	4983.80	4872.70	5114.70	4943.30	4837.70
B 4.15			Cement Treated Crushed Stone Base (Plant Mix Method)													
			Providing, laying, spreading and compacting graded stone aggregate mixed with cement to crushed stone treated base specification including premixing the material with water at OMC in Mechanical Mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in sub base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density	Cum	6483.70	6186.00	6030.90	6353.00	6107.60	5968.20	6539.10	6240.60	6084.50	6408.40	6162.10	6021.80

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(ii)		Grading III													
	(a)		Using Screening Crushable type such as Moorum or Gravel	Cum	6793.50	6671.60	6514.80	7287.50	7056.70	6908.10	6415.80	6300.00	6149.40	6909.70	6685.10	6542.70
	(b)		Using Screening Type-B (11.2mm agg.)	Cum	5660.10	5556.70	5418.50	6154.00	5941.80	5811.80	5577.40	5475.40	5338.50	6071.30	5860.50	5731.90
B 4.12			Crushed Cement Concrete Sub-base / Base													
			Breaking and Crushing of Material obtained by breaking damaged cement concrete slabs to size range not exceeding 75mm as specified in Table 400.9 transporting the aggregates obtained from breaking of cement concrete slabs at a lead of 10 Km, laying and compacting the same as sub-base/base course, constructed as WBM to Clause 404 except the use of screening or binding material.	Cum	837.40	721.40	671.40	711.30	619.20	578.00	836.50	720.50	670.50	710.50	618.40	577.10
B 4.13			Penetration Coat Over Top Layer of Crushed Cement Concrete Base													
			Spraying of Bitumen over Cleaned dry surface of crushed cement concrete base @ 25kg per 10 sqm by a bitumen pressure distributor, spreading of key aggregates @ 0.13 cum per 10 sqm by a mechanical gritter and roling the surface as per Clause 506.3.8	Sqm	51.80	50.90	50.10	51.30	50.40	49.60	51.70	50.80	50.00	51.20	50.40	49.50
B 4.14	A		Wet Mix Macadam (Plant Mix Method)													
			Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in Mechanical Mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in sub base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density													
	A		Laying Using Mechanical Paver	Cum	5155.80	4984.30	4871.80	5144.20	4976.60	4859.00	5154.30	4982.90	4870.40	5142.70	4975.20	4857.60
	B		Laying Using Grader	Cum	5161.20	4988.30	4877.20	5119.30	4947.80	4842.10	5159.70	4986.80	4875.80	5117.90	4946.30	4840.70
B 4.15			Cement Treated Crushed Stone Base (Plant Mix Method)													
			Providing, laying, spreading and compacting graded stone aggregate mixed with cement to crushed stone treated base specification including premixing the material with water at OMC in Mechanical Mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in sub base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density	Cum	6996.90	6690.90	6527.30	6866.20	6612.40	6464.60	6844.60	6541.00	6379.90	6713.80	6462.50	6317.20

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 4.16			Construction of Median and Island with Soil Taken from Roadway Cutting													
			Construction of Median and Island above road level with approved material deposited at site from roadway cutting and excavation for drain and foundation of other structures, spread, graded and compacted as per Clause 408	Cum	377.70	347.60	334.20	280.10	262.80	255.30	376.90	346.90	333.50	279.40	262.10	254.60
B 4.17			Construction of Median and Island with Soil Taken from Borrow Areas													
			Construction of Median and Island above road level with approved material brought from borrow pits, spread, graded and compacted as per Clause 408	Cum	532.30	471.50	445.00	470.50	423.00	402.20	526.40	465.70	439.30	464.70	417.20	396.50
B 4.18			Construction of Shoulders													
	A		Earthen Shoulder- The rate as applicable for sub-grade construction may be adopted.													
	B		Hard Shoulders - Rate as applicable for sub-base and or base may be adopted as per approved design.													
	C		Paved shoulders - The rate may be adopted as applicable for different layers of pavement depending upon approved design of paved shoulders.													
B 4.19			Footpaths and Separators													
			Construction of footpath/seperator by providing a 150 mm compacted granular sub base as per Clause 401 and 25mm thick cement concrete grade M15, over land with pre-cast concrete tiles in cement mortar 1:3 including provision of all drainage arrangements but excluding kerb channel	Sqm	1359.30	1328.80	1304.20	1349.60	1323.30	1299.90	1307.60	1278.00	1254.20	1298.00	1272.50	1250.00
B 4.20			Crusher Run Macadam Base													
			Providing crushed stone aggregates, depositing on a prepared surface by hauling vehicles, spreading and mixing with a motor grader, watering and compacting with a vibratory roller to Clause 417 to form a layer of sub base/Base													
	A		By Mix in Place Method													
	(i)		For 53.00 mm maximum size	Cum	4232.80	4072.00	3980.40	4170.70	4032.60	3947.10	4232.20	4071.40	3979.80	4170.10	4032.00	3946.50
	(ii)		For 37.50 mm maximum size	Cum	7171.00	6907.10	6754.10	7071.60	6844.20	6700.80	7170.00	6906.10	6753.10	7070.60	6843.20	6699.90
	B		By Mixing Plant													
	(i)		For 53.00 mm maximum size	Cum	4574.80	4342.70	4242.80	4532.10	4312.60	4216.30	4574.30	4342.20	4242.30	4531.60	4312.10	4215.80
	(ii)		For 37.50 mm maximum size	Cum	4767.40	4587.60	4483.70	4724.70	4557.60	4457.20	4766.90	4587.10	4483.20	4724.20	4557.10	4456.70

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 4.16			Construction of Median and Island with Soil Taken from Roadway Cutting													
			Construction of Median and Island above road level with approved material deposited at site from roadway cutting and excavation for drain and foundation of otherv structures, spread, graded and compacted as per Clause 408	Cum	377.70	347.60	334.20	280.10	262.80	255.30	378.50	348.40	335.00	280.90	263.60	256.00
B 4.17			Construction of Median and Island with Soil Taken from Borrow Areas													
			Construction of Median and Island above road level with approved material brought from borrow pits, spread, graded and compacted as per Clause 408	Cum	532.30	471.50	445.00	470.50	423.00	402.20	538.10	477.20	450.70	476.40	428.80	407.80
B 4.18			Construction of Shoulders													
	A		Earthen Shoulder- The rate as applicable for sub-grade construction may be adopted.													
	B		Hard Shoulders - Rate as applicable for sub-base and or base may be adopted as per approved design.													
	C		Paved shoulders - The rate may be adopted as applicable for different layers of pavement depending upon approved design of paved shoulders.													
B 4.19			Footpaths and Separators													
			Construction of footpath/seperator by providing a 150 mm compacted granular sub base as per Clause 401 and 25mm thick cement concrete grade M15, over land with pre-cast concrete tiles in cement mortar 1:3 including provision of all drainage arrangements but excluding kerb channel	Sqm	1359.30	1328.80	1304.20	1349.60	1323.30	1299.90	1500.40	1467.60	1440.70	1490.70	1462.10	1436.40
B 4.20			Crusher Run Macadam Base													
			Providing crushed stone aggregates, depositing on a prepared surface by hauling vehicles, spreading and mixing with a motor grader, watering and compacting with a vibratory roller to Clause 417 to form a layer of sub base/Base													
	A		By Mix in Place Method													
	(i)		For 53.00 mm maximum size	Cum	4232.80	4072.00	3980.40	4170.70	4032.60	3947.10	4536.20	4370.40	4273.80	4474.10	4331.00	4240.60
	(ii)		For 37.50 mm maximum size	Cum	7171.00	6907.10	6754.10	7071.60	6844.20	6700.80	7247.70	6982.60	6828.30	7148.40	6919.70	6775.10
	B		By Mixing Plant													
	(i)		For 53.00 mm maximum size	Cum	4574.80	4342.70	4242.80	4532.10	4312.60	4216.30	4878.00	4640.90	4536.00	4835.30	4610.80	4509.60
	(ii)		For 37.50 mm maximum size	Cum	4767.40	4587.60	4483.70	4724.70	4557.60	4457.20	4815.20	4634.60	4529.90	4772.50	4604.60	4503.40

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 4.16			Construction of Median and Island with Soil Taken from Roadway Cutting													
			Construction of Median and Island above road level with approved material deposited at site from roadway cutting and excavation for drain and foundation of otherv structures, spread, graded and compacted as per Clause 408	Cum	379.90	349.80	336.30	282.30	265.00	257.40	379.60	349.50	336.00	282.00	264.70	257.10
B 4.17			Construction of Median and Island with Soil Taken from Borrow Areas													
			Construction of Median and Island above road level with approved material brought from borrow pits, spread, graded and compacted as per Clause 408	Cum	549.00	487.90	461.20	487.20	439.50	418.40	546.50	485.50	458.80	484.70	437.00	415.90
B 4.18			Construction of Shoulders													
	A		Earthen Shoulder- The rate as applicable for sub-grade construction may be adopted.													
	B		Hard Shoulders - Rate as applicable for sub-base and or base may be adopted as per approved design.													
	C		Paved shoulders - The rate may be adopted as applicable for different layers of pavement depending upon approved design of paved shoulders.													
B 4.19			Footpaths and Separators													
			Construction of footpath/seperator by providing a 150 mm compacted granular sub base as per Clause 401 and 25mm thick cement concrete grade M15, over land with pre-cast concrete tiles in cement mortar 1:3 including provision of all drainage arrangements but excluding kerb channel	Sqm	1605.60	1571.10	1542.40	1595.90	1565.50	1538.20	1581.30	1547.20	1518.90	1571.60	1541.70	1514.70
B 4.20			Crusher Run Macadam Base													
			Providing crushed stone aggregates, depositing on a prepared surface by hauling vehicles, spreading and mixing with a motor grader, watering and compacting with a vibratory roller to Clause 417 to form a layer of sub base/Base													
	A		By Mix in Place Method													
	(i)		For 53.00 mm maximum size	Cum	4537.40	4371.60	4275.00	4475.30	4332.20	4241.70	4537.10	4371.30	4274.70	4475.00	4331.90	4241.50
	(ii)		For 37.50 mm maximum size	Cum	7249.60	6984.50	6830.10	7150.30	6921.50	6776.90	7249.20	6984.00	6829.70	7149.80	6921.10	6776.50
	B		By Mixing Plant													
	(i)		For 53.00 mm maximum size	Cum	4879.00	4641.80	4537.00	4836.30	4611.80	4510.50	4878.80	4641.60	4536.70	4836.10	4611.60	4510.30
	(ii)		For 37.50 mm maximum size	Cum	4816.10	4635.60	4530.80	4773.40	4605.50	4504.40	4815.90	4635.40	4530.60	4773.20	4605.30	4504.10

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 4.16			Construction of Median and Island with Soil Taken from Roadway Cutting													
			Construction of Median and Island above road level with approved material deposited at site from roadway cutting and excavation for drain and foundation of otherv structures, spread, graded and compacted as per Clause 408	Cum	377.90	347.80	334.40	280.40	263.00	255.50	380.00	349.90	336.40	282.40	265.10	257.50
B 4.17			Construction of Median and Island with Soil Taken from Borrow Areas													
			Construction of Median and Island above road level with approved material brought from borrow pits, spread, graded and compacted as per Clause 408	Cum	533.90	473.10	446.60	472.20	424.70	403.80	549.80	488.80	462.00	488.10	440.30	419.20
B 4.18			Construction of Shoulders													
	A		Earthen Shoulder- The rate as applicable for sub-grade construction may be adopted.													
	B		Hard Shoulders - Rate as applicable for sub-base and or base may be adopted as per approved design.													
	C		Paved shoulders - The rate may be adopted as applicable for different layers of pavement depending upon approved design of paved shoulders.													
B 4.19			Footpaths and Separators													
			Construction of footpath/seperator by providing a 150 mm compacted granular sub base as per Clause 401 and 25mm thick cement concrete grade M15, over land with pre-cast concrete tiles in cement mortar 1:3 including provision of all drainage arrangements but excluding kerb channel	Sqm	1433.20	1401.50	1375.70	1423.50	1396.00	1371.40	1631.50	1596.60	1567.50	1621.90	1591.10	1563.30
B 4.20			Crusher Run Macadam Base													
			Providing crushed stone aggregates, depositing on a prepared surface by hauling vehicles, spreading and mixing with a motor grader, watering and compacting with a vibratory roller to Clause 417 to form a layer of sub base/Base													
	A		By Mix in Place Method													
	(i)		For 53.00 mm maximum size	Cum	4535.70	4369.90	4273.40	4473.60	4330.60	4240.10	4537.50	4371.70	4275.10	4475.40	4332.30	4241.80
	(ii)		For 37.50 mm maximum size	Cum	7247.00	6981.90	6827.60	7147.60	6918.90	6774.40	7249.80	6984.60	6830.30	7150.40	6921.70	6777.00
	B		By Mixing Plant													
	(i)		For 53.00 mm maximum size	Cum	4877.70	4640.60	4535.70	4835.00	4610.50	4509.20	4879.00	4641.90	4537.00	4836.30	4611.80	4510.60
	(ii)		For 37.50 mm maximum size	Cum	4814.80	4634.30	4529.50	4772.10	4604.20	4503.10	4816.20	4635.60	4530.90	4773.50	4605.60	4504.40

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 4.16			Construction of Median and Island with Soil Taken from Roadway Cutting													
			Construction of Median and Island above road level with approved material deposited at site from roadway cutting and excavation for drain and foundation of otherv structures, spread, graded and compacted as per Clause 408	Cum	378.00	348.00	334.50	280.50	263.10	255.60	379.00	348.90	335.50	281.50	264.10	256.60
B 4.17			Construction of Median and Island with Soil Taken from Borrow Areas													
			Construction of Median and Island above road level with approved material brought from borrow pits, spread, graded and compacted as per Clause 408	Cum	534.80	473.90	447.40	473.00	425.50	404.60	542.30	481.40	454.70	480.60	432.90	411.90
B 4.18			Construction of Shoulders													
	A		Earthen Shoulder- The rate as applicable for sub-grade construction may be adopted.													
	B		Hard Shoulders - Rate as applicable for sub-base and or base may be adopted as per approved design.													
	C		Paved shoulders - The rate may be adopted as applicable for different layers of pavement depending upon approved design of paved shoulders.													
B 4.19			Footpaths and Separators													
			Construction of footpath/seperator by providing a 150 mm compacted granular sub base as per Clause 401 and 25mm thick cement concrete grade M15, over land with pre-cast concrete tiles in cement mortar 1:3 including provision of all drainage arrangements but excluding kerb channel	Sqm	1463.60	1431.40	1405.10	1453.90	1425.90	1400.80	1518.60	1485.50	1458.20	1508.90	1479.90	1454.00
B 4.20			Crusher Run Macadam Base													
			Providing crushed stone aggregates, depositing on a prepared surface by hauling vehicles, spreading and mixing with a motor grader, watering and compacting with a vibratory roller to Clause 417 to form a layer of sub base/Base													
	A		By Mix in Place Method													
	(i)		For 53.00 mm maximum size	Cum	4535.80	4370.00	4273.50	4473.70	4330.70	4240.20	4536.70	4370.80	4274.30	4474.50	4331.50	4241.00
	(ii)		For 37.50 mm maximum size	Cum	7247.10	6982.00	6827.70	7147.80	6919.10	6774.50	7248.50	6983.30	6829.00	7149.10	6920.40	6775.80
	B		By Mixing Plant													
	(i)		For 53.00 mm maximum size	Cum	4877.70	4640.60	4535.80	4835.00	4610.50	4509.30	4878.40	4641.30	4536.40	4835.70	4611.20	4510.00
	(ii)		For 37.50 mm maximum size	Cum	4814.90	4634.40	4529.60	4772.20	4604.30	4503.20	4815.50	4635.00	4530.20	4772.80	4604.90	4503.80

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 4.16			Construction of Median and Island with Soil Taken from Roadway Cutting													
			Construction of Median and Island above road level with approved material deposited at site from roadway cutting and excavation for drain and foundation of otherv structures, spread, graded and compacted as per Clause 408	Cum	381.10	351.00	337.50	283.50	266.20	258.60	380.40	350.30	336.90	282.90	265.50	258.00
B 4.17			Construction of Median and Island with Soil Taken from Borrow Areas													
			Construction of Median and Island above road level with approved material brought from borrow pits, spread, graded and compacted as per Clause 408	Cum	558.20	497.00	470.10	496.50	448.50	427.30	553.20	492.10	465.30	491.40	443.60	422.40
B 4.18			Construction of Shoulders													
	A		Earthen Shoulder- The rate as applicable for sub-grade construction may be adopted.													
	B		Hard Shoulders - Rate as applicable for sub-base and or base may be adopted as per approved design.													
	C		Paved shoulders - The rate may be adopted as applicable for different layers of pavement depending upon approved design of paved shoulders.													
B 4.19			Footpaths and Separators													
			Construction of footpath/seperator by providing a 150 mm compacted granular sub base as per Clause 401 and 25mm thick cement concrete grade M15, over land with pre-cast concrete tiles in cement mortar 1:3 including provision of all drainage arrangements but excluding kerb channel	Sqm	1788.30	1750.80	1719.20	1778.70	1745.30	1714.90	1699.60	1663.60	1633.40	1689.90	1658.00	1629.10
B 4.20			Crusher Run Macadam Base													
			Providing crushed stone aggregates, depositing on a prepared surface by hauling vehicles, spreading and mixing with a motor grader, watering and compacting with a vibratory roller to Clause 417 to form a layer of sub base/Base													
	A		By Mix in Place Method													
	(i)		For 53.00 mm maximum size	Cum	4538.40	4372.60	4276.00	4476.30	4333.20	4242.70	4537.80	4372.00	4275.40	4475.70	4332.70	4242.20
	(ii)		For 37.50 mm maximum size	Cum	7251.20	6986.10	6831.70	7151.90	6923.10	6778.50	7250.40	6985.20	6830.80	7151.00	6922.20	6777.60
	B		By Mixing Plant													
	(i)		For 53.00 mm maximum size	Cum	4879.80	4642.60	4537.70	4837.10	4612.60	4511.30	4879.30	4642.20	4537.30	4836.60	4612.10	4510.90
	(ii)		For 37.50 mm maximum size	Cum	4816.90	4636.40	4531.60	4774.20	4606.30	4505.10	4816.50	4635.90	4531.10	4773.80	4605.90	4504.70

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 4.21			Lime, Flyash Stabilised Soil Sub-Base													
		MF	Construction of sub-base usinfg Lime-Flyash admixture with granular soil, free from organic matter/ deleterious material or clayey silts and low plasticity clays having PI between 5 and 20 and LL less than 25 and commercial dry lime, slaked at site or pre slaked with CaO content not less than 50%. Fly ash to confirm to gradation as per Clause 4,3 of IRC:88-1984, lime + flyash content ranging between 10 to 30 percent. The minimum uncontrolled compressive strength and CBR value after 28 days curing at 4 days soaking to be 7.5 kg/sqcm and 25% respectively, all specified as per IRC:88-1984	Cum	778.60	715.40	683.30	741.20	688.80	660.20	753.70	691.00	659.20	716.30	664.30	636.10
B 4.22			Granular crack relief layer													
			Granular crack relief layer laying using Mechanical paver.(Providing, laying, spreading and compacting graded stone aggregate to Granular crack relief layer as per IRC SP-37 including premixing the material with water at OMC in mechanical mix plant carriage of mix material by tipper to site, laying in uniform layers with paver over base course on well prepared surface and compacting with vibratory roller to achieve the desired density Rate shall be taken from Item No 4.14 A	Cum	4520.90	4386.50	4303.60	4520.90	4386.50	4303.60	4519.20	4384.80	4302.00	4519.20	4384.80	4302.00

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 4.21			Lime, Flyash Stabilised Soil Sub-Base													
		MF	Construction of sub-base usinfg Lime-Flyash admixture with granular soil, free from organic matter/ deleterious material or clayey silts and low plasticity clays having PI between 5 and 20 and LL less than 25 and commercial dry lime, slaked at site or pre slaked with CaO content not less than 50%. Fly ash to confirm to gradation as per Clause 4,3 of IRC:88-1984, lime + flyash content ranging between 10 to 30 percent. The minimum uncontrolled compressive strength and CBR value after 28 days curing at 4 days soaking to be 7.5 kg/sqcm and 25% respectively, all specified as per IRC:88-1984	Cum	778.60	715.40	683.30	741.20	688.80	660.20	803.50	739.90	707.40	766.10	713.20	684.30
B 4.22			Granular crack relief layer													
			Granular crack relief layer laying using Mechanical paver.(Providing, laying, spreading and compacting graded stone aggregate to Granular crack relief layer as per IRC SP-37 including premixing the material with water at OMC in mechanical mix plant carriage of mix material by tipper to site, laying in uniform layers with paver over base course on well prepared surface and compacting with vibratory roller to achieve the desired density Rate shall be taken from Item No 4.14 A	Cum	4520.90	4386.50	4303.60	4520.90	4386.50	4303.60	4821.40	4682.10	4594.30	4821.40	4682.10	4594.30

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 4.21			Lime, Flyash Stabilised Soil Sub-Base													
		MF	Construction of sub-base usinfg Lime-Flyash admixture with granular soil, free from organic matter/ deleterious material or clayey silts and low plasticity clays having PI between 5 and 20 and LL less than 25 and commercial dry lime, slaked at site or pre slaked with CaO content not less than 50%. Fly ash to confirm to gradation as per Clause 4,3 of IRC:88-1984, lime + flyash content ranging between 10 to 30 percent. The minimum uncontrolled compressive strength and CBR value after 28 days curing at 4 days soaking to be 7.5 kg/sqcm and 25% respectively, all specified as per IRC:88-1984	Cum	849.70	785.40	752.10	812.40	758.70	729.00	839.10	774.90	741.80	801.70	748.20	718.70
B 4.22			Granular crack relief layer													
			Granular crack relief layer laying using Mechanical paver.(Providing, laying, spreading and compacting graded stone aggregate to Granular crack relief layer as per IRC SP-37 including premixing the material with water at OMC in mechanical mix plant carriage of mix material by tipper to site, laying in uniform layers with paver over base course on well prepared surface and compacting with vibratory roller to achieve the desired density Rate shall be taken from Item No 4.14 A	Cum	4824.50	4685.10	4597.30	4824.50	4685.10	4597.30	4823.80	4684.40	4596.60	4823.80	4684.40	4596.60

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 4.21			Lime, Flyash Stabilised Soil Sub-Base													
		MF	Construction of sub-base usinfg Lime-Flyash admixture with granular soil, free from organic matter/ deleterious material or clayey silts and low plasticity clays having PI between 5 and 20 and LL less than 25 and commercial dry lime, slaked at site or pre slaked with CaO content not less than 50%. Fly ash to confirm to gradation as per Clause 4,3 of IRC:88-1984, lime + flyash content ranging between 10 to 30 percent. The minimum uncontrolled compressive strength and CBR value after 28 days curing at 4 days soaking to be 7.5 kg/sqcm and 25% respectively, all specified as per IRC:88-1984	Cum	785.70	722.40	690.20	748.30	695.80	667.10	853.30	788.90	755.60	815.90	762.20	732.50
B 4.22			Granular crack relief layer													
			Granular crack relief layer laying using Mechanical paver.(Providing, laying, spreading and compacting graded stone aggregate to Granular crack relief layer as per IRC SP-37 including premixing the material with water at OMC in mechanical mix plant carriage of mix material by tipper to site, laying in uniform layers with paver over base course on well prepared surface and compacting with vibratory roller to achieve the desired density Rate shall be taken from Item No 4.14 A	Cum	4820.20	4680.90	4593.10	4820.20	4680.90	4593.10	4824.70	4685.40	4597.50	4824.70	4685.40	4597.50

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 4.21			Lime, Flyash Stabilised Soil Sub-Base													
		MF	Construction of sub-base usinfg Lime-Flyash admixture with granular soil, free from organic matter/ deleterious material or clayey silts and low plasticity clays having PI between 5 and 20 and LL less than 25 and commercial dry lime, slaked at site or pre slaked with CaO content not less than 50%. Fly ash to confirm to gradation as per Clause 4,3 of IRC:88-1984, lime + flyash content ranging between 10 to 30 percent. The minimum uncontrolled compressive strength and CBR value after 28 days curing at 4 days soaking to be 7.5 kg/sqcm and 25% respectively, all specified as per IRC:88-1984	Cum	789.30	725.90	693.60	751.90	699.30	670.50	821.30	757.40	724.60	783.90	730.70	701.50
B 4.22			Granular crack relief layer													
			Granular crack relief layer laying using Mechanical paver.(Providing, laying, spreading and compacting graded stone aggregate to Granular crack relief layer as per IRC SP-37 including premixing the material with water at OMC in mechanical mix plant carriage of mix material by tipper to site, laying in uniform layers with paver over base course on well prepared surface and compacting with vibratory roller to achieve the desired density Rate shall be taken from Item No 4.14 A	Cum	4820.40	4681.10	4593.30	4820.40	4681.10	4593.30	4822.60	4683.30	4595.40	4822.60	4683.30	4595.40

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 4.21			Lime, Flyash Stabilised Soil Sub-Base													
		MF	Construction of sub-base usinfg Lime-Flyash admixture with granular soil, free from organic matter/ deleterious material or clayey silts and low plasticity clays having PI between 5 and 20 and LL less than 25 and commercial dry lime, slaked at site or pre slaked with CaO content not less than 50%. Fly ash to confirm to gradation as per Clause 4,3 of IRC:88-1984, lime + flyash content ranging between 10 to 30 percent. The minimum uncontrolled compressive strength and CBR value after 28 days curing at 4 days soaking to be 7.5 kg/sqcm and 25% respectively, all specified as per IRC:88-1984	Cum	888.90	823.90	790.00	851.50	797.20	766.90	867.50	802.90	769.30	830.10	776.20	746.20
B 4.22			Granular crack relief layer													
			Granular crack relief layer laying using Mechanical paver.(Providing, laying, spreading and compacting graded stone aggregate to Granular crack relief layer as per IRC SP-37 including premixing the material with water at OMC in mechanical mix plant carriage of mix material by tipper to site, laying in uniform layers with paver over base course on well prepared surface and compacting with vibratory roller to achieve the desired density Rate shall be taken from Item No 4.14 A	Cum	4827.20	4687.80	4599.90	4827.20	4687.80	4599.90	4825.70	4686.30	4598.50	4825.70	4686.30	4598.50

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			05 : BASES AND SURFACE COURSES (BITUMINOUS)													
B 5.01			Prime Coat													
	A		<i>Prime Coat over WMM / WBM</i>													
	(i)		Providing and applying primer coat with SS1 grade bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.70 kg/sum using mechanical means.	Sqm	52.90	51.60	50.60	52.40	51.30	50.40	52.10	50.80	49.90	51.70	50.60	49.60
	(ii)		Providing and applying primer coat with Cutback MC 30 bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg/sum using mechanical means.	Sqm	52.50	51.20	50.20	52.00	50.90	50.00	52.10	50.80	49.80	51.60	50.50	49.60
	B		<i>Prime Coat over Stabilized soil bases/Crusher Run Macadam</i>													
	(i)		Providing and applying primer coat with SS1 grade bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.90 kg/sqm using mechanical means.	Sqm	67.40	65.80	64.60	66.90	65.60	64.40	66.40	64.90	63.70	66.00	64.60	63.50
	(ii)		Providing and applying primer coat with cutback MC 70 bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.90 kg/sqm using mechanical means.	Sqm	82.30	80.50	79.10	81.90	80.30	78.80	81.30	79.50	78.10	80.80	79.20	77.80
B 5.02			Tack Coat													
	(i)		Tack Coat on Bituminous surfaces													
			Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg per sum on the prepared bituminous surface cleaned with mechanical broom.	Sqm	17.10	16.80	16.60	17.10	16.80	16.50	16.90	16.60	16.40	16.80	16.60	16.30
	(ii)		Tack Coat on Granular surfaces treated with primer													
			Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 kg per sum on the prepared bituminous surface cleaned with mechanical broom.	Sqm	21.20	20.80	20.50	21.10	20.80	20.40	20.90	20.60	20.20	20.80	20.50	20.20
	(iii)		Tack Coat on Cement concrete pavement													
			Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.30 kg per sum on the prepared bituminous surface cleaned with mechanical broom.	Sqm	25.20	24.80	24.40	25.20	24.70	24.30	24.90	24.50	24.10	24.80	24.40	24.00

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			05 : BASES AND SURFACE COURSES (BITUMINOUS)													
B 5.01			Prime Coat													
	A		<i>Prime Coat over WMM / WBM</i>													
	(i)		Providing and applying primer coat with SS1 grade bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.70 kg/sum using mechanical means.	Sqm	52.90	51.60	50.60	52.40	51.30	50.40	53.90	52.60	51.60	53.40	52.30	51.30
	(ii)		Providing and applying primer coat with Cutback MC 30 bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg/sum using mechanical means.	Sqm	52.80	51.50	50.50	52.30	51.20	50.30	53.70	52.40	51.40	53.30	52.10	51.20
	B		<i>Prime Coat over Stabilized soil bases/Crusher Run Macadam</i>													
	(i)		Providing and applying primer coat with SS1 grade bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.90 kg/sqm using mechanical means.	Sqm	67.40	65.80	64.60	66.90	65.60	64.40	68.70	67.10	65.90	68.20	66.80	65.60
	(ii)		Providing and applying primer coat with cutback MC 70 bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.90 kg/sqm using mechanical means.	Sqm	82.30	80.50	79.10	81.90	80.30	78.80	83.80	82.00	80.50	83.30	81.70	80.20
B 5.02			Tack Coat													
	(i)		Tack Coat on Bituminous surfaces													
			Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg per sum on the prepared bituminous surface cleaned with mechanical broom.	Sqm	17.10	16.80	16.60	17.10	16.80	16.50	17.40	17.10	16.80	17.30	17.10	16.80
	(ii)		Tack Coat on Granular surfaces treated with primer													
			Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 kg per sum on the prepared bituminous surface cleaned with mechanical broom.	Sqm	21.20	20.80	20.50	21.10	20.80	20.40	21.50	21.20	20.80	21.50	21.10	20.80
	(iii)		Tack Coat on Cement concrete pavement													
			Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.30 kg per sum on the prepared bituminous surface cleaned with mechanical broom.	Sqm	25.20	24.80	24.40	25.20	24.70	24.30	25.70	25.20	24.80	25.60	25.20	24.80

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			05 : BASES AND SURFACE COURSES (BITUMINOUS)													
B 5.01			Prime Coat													
	A		<i>Prime Coat over WMM / WBM</i>													
	(i)		Providing and applying primer coat with SS1 grade bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.70 kg/sum using mechanical means.	Sqm	55.10	53.80	52.70	54.70	53.50	52.50	54.80	53.50	52.50	54.40	53.20	52.20
	(ii)		Providing and applying primer coat with Cutback MC 30 bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg/sum using mechanical means.	Sqm	54.90	53.50	52.50	54.40	53.30	52.30	54.60	53.30	52.30	54.20	53.00	52.00
	B		<i>Prime Coat over Stabilized soil bases/Crusher Run Macadam</i>													
	(i)		Providing and applying primer coat with SS1 grade bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.90 kg/sqm using mechanical means.	Sqm	70.20	68.60	67.40	69.80	68.40	67.10	69.90	68.30	67.00	69.40	68.00	66.80
	(ii)		Providing and applying primer coat with cutback MC 70 bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.90 kg/sqm using mechanical means.	Sqm	85.50	83.60	82.10	85.00	83.40	81.90	85.10	83.20	81.70	84.60	83.00	81.50
B 5.02			Tack Coat													
	(i)		Tack Coat on Bituminous surfaces													
			Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg per sum on the prepared bituminous surface cleaned with mechanical broom.	Sqm	17.80	17.50	17.20	17.70	17.40	17.10	17.70	17.40	17.10	17.60	17.30	17.00
	(ii)		Tack Coat on Granular surfaces treated with primer													
			Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 kg per sum on the prepared bituminous surface cleaned with mechanical broom.	Sqm	22.00	21.60	21.20	21.90	21.50	21.20	21.90	21.50	21.10	21.80	21.40	21.10
	(iii)		Tack Coat on Cement concrete pavement													
			Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.30 kg per sum on the prepared bituminous surface cleaned with mechanical broom.	Sqm	26.20	25.70	25.30	26.10	25.70	25.20	26.00	25.60	25.20	26.00	25.60	25.10

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			05 : BASES AND SURFACE COURSES (BITUMINOUS)													
B 5.01			Prime Coat													
	A		<i>Prime Coat over WMM / WBM</i>													
	(i)		Providing and applying primer coat with SS1 grade bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.70 kg/sum using mechanical means.	Sqm	52.90	51.60	50.60	52.40	51.30	50.40	55.60	54.20	53.20	55.10	53.90	53.00
	(ii)		Providing and applying primer coat with Cutback MC 30 bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg/sum using mechanical means.	Sqm	52.80	51.50	50.50	52.30	51.20	50.30	55.30	54.00	52.90	54.90	53.70	52.70
	B		<i>Prime Coat over Stabilized soil bases/Crusher Run Macadam</i>													
	(i)		Providing and applying primer coat with SS1 grade bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.90 kg/sqm using mechanical means.	Sqm	67.40	65.80	64.60	66.90	65.60	64.40	70.80	69.20	67.90	70.40	69.00	67.70
	(ii)		Providing and applying primer coat with cutback MC 70 bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.90 kg/sqm using mechanical means.	Sqm	82.30	80.50	79.10	81.90	80.30	78.90	86.10	84.30	82.70	85.70	84.00	82.50
B 5.02			Tack Coat													
	(i)		Tack Coat on Bituminous surfaces													
			Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg per sum on the prepared bituminous surface cleaned with mechanical broom.	Sqm	17.10	16.80	16.60	17.10	16.80	16.50	17.90	17.60	17.30	17.80	17.50	17.20
	(ii)		Tack Coat on Granular surfaces treated with primer													
			Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 kg per sum on the prepared bituminous surface cleaned with mechanical broom.	Sqm	21.20	20.80	20.50	21.10	20.80	20.40	22.10	21.80	21.40	22.10	21.70	21.30
	(iii)		Tack Coat on Cement concrete pavement													
			Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.30 kg per sum on the prepared bituminous surface cleaned with mechanical broom.	Sqm	25.20	24.80	24.40	25.20	24.70	24.30	26.40	25.90	25.50	26.30	25.90	25.40

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			05 : BASES AND SURFACE COURSES (BITUMINOUS)													
B 5.01			Prime Coat													
	A		<i>Prime Coat over WMM / WBM</i>													
	(i)		Providing and applying primer coat with SS1 grade bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.70 kg/sum using mechanical means.	Sqm	53.40	52.10	51.10	53.00	51.80	50.90	53.90	52.60	51.60	53.50	52.30	51.30
	(ii)		Providing and applying primer coat with Cutback MC 30 bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg/sum using mechanical means.	Sqm	53.30	52.00	51.00	52.90	51.70	50.80	53.70	52.40	51.40	53.30	52.20	51.20
	B		<i>Prime Coat over Stabilized soil bases/Crusher Run Macadam</i>													
	(i)		Providing and applying primer coat with SS1 grade bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.90 kg/sqm using mechanical means.	Sqm	68.10	66.50	65.30	67.60	66.30	65.10	68.70	67.10	65.90	68.20	66.90	65.70
	(ii)		Providing and applying primer coat with cutback MC 70 bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.90 kg/sqm using mechanical means.	Sqm	83.10	81.30	79.80	82.70	81.00	79.60	83.80	82.00	80.50	83.30	81.70	80.30
B 5.02			Tack Coat													
	(i)		Tack Coat on Bituminous surfaces													
			Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg per sum on the prepared bituminous surface cleaned with mechanical broom.	Sqm	17.30	17.00	16.70	17.20	16.90	16.60	17.40	17.10	16.80	17.30	17.10	16.80
	(ii)		Tack Coat on Granular surfaces treated with primer													
			Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 kg per sum on the prepared bituminous surface cleaned with mechanical broom.	Sqm	21.40	21.00	20.70	21.30	21.00	20.60	21.50	21.20	20.80	21.50	21.10	20.80
	(iii)		Tack Coat on Cement concrete pavement													
			Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.30 kg per sum on the prepared bituminous surface cleaned with mechanical broom.	Sqm	25.50	25.00	24.60	25.40	25.00	24.60	25.70	25.20	24.80	25.60	25.20	24.80

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			05 : BASES AND SURFACE COURSES (BITUMINOUS)													
B 5.01			Prime Coat													
	A		<i>Prime Coat over WMM / WBM</i>													
	(i)		Providing and applying primer coat with SS1 grade bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.70 kg/sum using mechanical means.	Sqm	58.00	56.70	55.60	57.60	56.40	55.40	56.70	55.30	54.20	56.20	55.00	54.00
	(ii)		Providing and applying primer coat with Cutback MC 30 bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg/sum using mechanical means.	Sqm	57.70	56.30	55.20	57.20	56.00	55.00	56.30	55.00	54.00	55.90	54.70	53.70
	B		<i>Prime Coat over Stabilized soil bases/Crusher Run Macadam</i>													
	(i)		Providing and applying primer coat with SS1 grade bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.90 kg/sqm using mechanical means.	Sqm	74.00	72.40	71.00	73.60	72.10	70.80	72.20	70.60	69.30	71.80	70.30	69.10
	(ii)		Providing and applying primer coat with cutback MC 70 bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.90 kg/sqm using mechanical means.	Sqm	89.60	87.70	86.10	89.20	87.50	85.90	87.70	85.80	84.30	87.20	85.50	84.00
B 5.02			Tack Coat													
	(i)		Tack Coat on Bituminous surfaces													
			Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg per sum on the prepared bituminous surface cleaned with mechanical broom.	Sqm	18.60	18.30	18.00	18.50	18.20	17.90	18.20	17.90	17.60	18.10	17.80	17.50
	(ii)		Tack Coat on Granular surfaces treated with primer													
			Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 kg per sum on the prepared bituminous surface cleaned with mechanical broom.	Sqm	23.00	22.60	22.30	22.90	22.60	22.20	22.50	22.10	21.80	22.40	22.10	21.70
	(iii)		Tack Coat on Cement concrete pavement													
			Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.30 kg per sum on the prepared bituminous surface cleaned with mechanical broom.	Sqm	27.40	27.00	26.50	27.40	26.90	26.50	26.80	26.40	26.00	26.80	26.30	25.90

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.03	(i)		Bituminous Macadam Grading - I													
		MF	Providing and laying bituminous macadam with higher capacity hot mix plant using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled as per clauses 501.6 and 501.7 to achieve the desired compaction	Cum	10487.10	10191.00	9966.70	10412.30	10131.40	9912.50	10443.80	10148.40	9924.90	10369.00	10088.80	9870.70
	(ii)		Bituminous Macadam Grading -II													
		MF	Providing and laying bituminous macadam with higher capacity hot mix plant using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled as per clauses 501.6 and 501.7 to achieve the desired compaction	Cum	11193.30	10873.10	10635.50	11108.50	10805.00	10573.40	11148.70	10829.20	10592.40	11063.90	10761.20	10530.20
B 5.04	A		Dense Graded Bituminous Macadam Grading -I													
		MF	Providing and laying dense graded bituminous macadam with higher capacity batch type HMP using crushed aggregates of specified grading, premixed with bituminous binder @ 4.0 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects.	Cum	13141.50	12786.00	12513.60	13053.50	12715.70	12449.40	13061.50	12707.20	12436.20	12973.50	12636.90	12372.10
	B		Dense Graded Bituminous Macadam Grading - II													
		MF	Providing and laying dense graded bituminous macadam with higher capacity batch type HMP using crushed aggregates of specified grading, premixed with bituminous binder @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects.	Cum	14010.40	13641.10	13354.70	13922.60	13570.90	13290.50	13923.60	13555.80	13270.70	13835.80	13485.50	13206.60

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.03	(i)		Bituminous Macadam Grading - I													
		MF	Providing and laying bituminous macadam with higher capacity hot mix plant using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled as per clauses 501.6 and 501.7 to achieve the desired compaction	Cum	10519.90	10223.20	9998.40	10445.10	10163.60	9944.20	10625.00	10326.60	10100.10	10550.20	10267.00	10045.90
	(ii)		Bituminous Macadam Grading -II													
		MF	Providing and laying bituminous macadam with higher capacity hot mix plant using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled as per clauses 501.6 and 501.7 to achieve the desired compaction	Cum	11227.10	10906.30	10668.20	11142.30	10838.30	10606.00	11335.50	11012.80	10772.90	11250.70	10944.80	10710.80
B 5.04	A		Dense Graded Bituminous Macadam Grading -I													
		MF	Providing and laying dense graded bituminous macadam with higher capacity batch type HMP using crushed aggregates of specified grading, premixed with bituminous binder @ 4.0 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects.	Cum	13183.20	12827.00	12554.00	13095.20	12756.70	12489.80	13399.90	13040.10	12763.60	13311.90	12969.80	12699.40
	B		Dense Graded Bituminous Macadam Grading - II													
		MF	Providing and laying dense graded bituminous macadam with higher capacity batch type HMP using crushed aggregates of specified grading, premixed with bituminous binder @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects.	Cum	14057.30	13687.30	13400.00	13969.50	13617.10	13335.90	14290.30	13916.40	13625.40	14202.50	13846.20	13561.30

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.03	(i)		Bituminous Macadam Grading - I													
		MF	Providing and laying bituminous macadam with higher capacity hot mix plant using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled as per clauses 501.6 and 501.7 to achieve the desired compaction	Cum	10748.70	10448.30	10219.70	10673.90	10388.60	10165.50	10719.60	10419.70	10191.60	10644.80	10360.10	10137.40
	(ii)		Bituminous Macadam Grading -II													
		MF	Providing and laying bituminous macadam with higher capacity hot mix plant using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled as per clauses 501.6 and 501.7 to achieve the desired compaction	Cum	11463.00	11138.20	10896.20	11378.20	11070.10	10834.00	11433.00	11108.70	10867.20	11348.20	11040.70	10805.10
B 5.04	A		Dense Graded Bituminous Macadam Grading -I													
		MF	Providing and laying dense graded bituminous macadam with higher capacity batch type HMP using crushed aggregates of specified grading, premixed with bituminous binder @ 4.0 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects.	Cum	13622.10	13258.70	12978.50	13534.10	13188.40	12914.30	13570.20	13207.60	12928.30	13482.20	13137.30	12864.10
	B		Dense Graded Bituminous Macadam Grading - II													
		MF	Providing and laying dense graded bituminous macadam with higher capacity batch type HMP using crushed aggregates of specified grading, premixed with bituminous binder @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects.	Cum	14531.90	14154.00	13859.00	14444.00	14083.80	13794.90	14475.40	14098.50	13804.40	14387.50	14028.20	13740.30

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.03	(i)		Bituminous Macadam Grading - I													
		MF	Providing and laying bituminous macadam with higher capacity hot mix plant using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled as per clauses 501.6 and 501.7 to achieve the desired compaction	Cum	10519.90	10223.20	9998.40	10445.10	10163.60	9944.20	10796.30	10495.10	10265.80	10721.50	10435.50	10211.60
	(ii)		Bituminous Macadam Grading -II													
		MF	Providing and laying bituminous macadam with higher capacity hot mix plant using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled as per clauses 501.6 and 501.7 to achieve the desired compaction	Cum	11227.10	10906.30	10668.20	11142.30	10838.30	10606.00	11512.10	11186.40	10943.60	11427.30	11118.40	10881.50
B 5.04	A		Dense Graded Bituminous Macadam Grading -I													
		MF	Providing and laying dense graded bituminous macadam with higher capacity batch type HMP using crushed aggregates of specified grading, premixed with bituminous binder @ 4.0 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects.	Cum	13211.20	12854.60	12581.10	13123.30	12784.30	12516.90	13707.60	13342.80	13061.20	13619.60	13272.50	12997.00
	B		Dense Graded Bituminous Macadam Grading - II													
		MF	Providing and laying dense graded bituminous macadam with higher capacity batch type HMP using crushed aggregates of specified grading, premixed with bituminous binder @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects.	Cum	14085.20	13714.70	13427.00	13997.40	13644.50	13362.90	14624.80	14245.50	13948.90	14537.00	14175.30	13884.80

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.03	(i)		Bituminous Macadam Grading - I													
		MF	Providing and laying bituminous macadam with higher capacity hot mix plant using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled as per clauses 501.6 and 501.7 to achieve the desired compaction	Cum	10577.40	10279.80	10054.00	10502.60	10220.20	9999.80	10625.00	10326.60	10100.10	10550.20	10267.00	10045.90
	(ii)		Bituminous Macadam Grading -II													
		MF	Providing and laying bituminous macadam with higher capacity hot mix plant using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled as per clauses 501.6 and 501.7 to achieve the desired compaction	Cum	11286.40	10964.60	10725.50	11201.60	10896.50	10663.30	11335.50	11012.80	10772.90	11250.70	10944.80	10710.80
B 5.04	A		Dense Graded Bituminous Macadam Grading -I													
		MF	Providing and laying dense graded bituminous macadam with higher capacity batch type HMP using crushed aggregates of specified grading, premixed with bituminous binder @ 4.0 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects.	Cum	13314.40	12956.00	12680.80	13226.40	12885.70	12616.60	13399.90	13040.10	12763.60	13311.90	12969.80	12699.40
	B		Dense Graded Bituminous Macadam Grading - II													
		MF	Providing and laying dense graded bituminous macadam with higher capacity batch type HMP using crushed aggregates of specified grading, premixed with bituminous binder @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects.	Cum	14197.30	13825.00	13535.40	14109.50	13754.80	13471.30	14290.30	13916.40	13625.40	14202.50	13846.20	13561.30

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.03	(i)		Bituminous Macadam Grading - I													
		MF	Providing and laying bituminous macadam with higher capacity hot mix plant using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled as per clauses 501.6 and 501.7 to achieve the desired compaction	Cum	11052.90	10747.50	10514.00	10978.10	10687.90	10459.80	10910.10	10607.00	10375.80	10835.20	10547.40	10321.60
	(ii)		Bituminous Macadam Grading -II													
		MF	Providing and laying bituminous macadam with higher capacity hot mix plant using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled as per clauses 501.6 and 501.7 to achieve the desired compaction	Cum	11776.70	11446.50	11199.30	11691.80	11378.40	11137.20	11629.40	11301.70	11057.00	11544.50	11233.70	10994.80
B 5.04	A		Dense Graded Bituminous Macadam Grading -I													
		MF	Providing and laying dense graded bituminous macadam with higher capacity batch type HMP using crushed aggregates of specified grading, premixed with bituminous binder @ 4.0 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects.	Cum	14168.90	13796.50	13507.30	14080.90	13726.20	13443.10	13912.30	13544.10	13259.20	13824.30	13473.80	13195.00
	B		Dense Graded Bituminous Macadam Grading - II													
		MF	Providing and laying dense graded bituminous macadam with higher capacity batch type HMP using crushed aggregates of specified grading, premixed with bituminous binder @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects.	Cum	15126.20	14738.60	14433.90	15038.40	14668.40	14369.70	14847.30	14464.30	14164.10	14759.40	14394.00	14100.00

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.05	A		Bituminous Concrete Grading -I													
		MF	Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.2 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	15590.70	15193.80	14880.70	15507.20	15120.10	14808.60	15492.30	15097.10	14785.60	15408.90	15023.40	14713.50
	B		Bituminous Concrete Grading -II													
		MF	Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	16022.60	15618.60	15298.50	15932.10	15538.10	15220.10	15921.50	15519.20	15200.70	15831.00	15438.70	15122.30
B 5.06			Surface Dressing													
			Providing and laying surface dressing as wearing course in single coat using crushed stone aggregates of specified size on a layer of bituminous binder laid on prepared surface and rolling with 8-10 tonne smooth wheeled steel roller													
	Case I		19 mm nominal chipping size	Sqm	150.90	147.80	145.10	149.90	146.90	144.20	150.20	147.10	144.40	149.20	146.20	143.50
	Case II		13 mm nominal chipping size	Sqm	116.90	114.60	112.50	116.10	113.90	111.80	116.30	114.00	111.90	115.50	113.30	111.30
B 5.07			Open - Graded Premix Surfacing													
		MF	Providing, laying and rolling of open - graded premix surfacing of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates using Viscosity grade bitumen to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable hot mix plant of appropriate capacity not less than 200 tonnes/hour, laying and rolling with a smooth wheeled roller, finished to required level and grades.	Sqm	219.60	213.20	208.50	217.50	211.50	206.90	218.70	212.40	207.70	216.60	210.70	206.10

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.05	A		Bituminous Concrete Grading -I													
		MF	Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.2 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	15646.10	15248.20	14934.30	15562.60	15174.60	14862.20	15907.40	15505.30	15187.00	15824.00	15431.70	15114.90
	B		Bituminous Concrete Grading -II													
		MF	Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	16080.20	15675.20	15354.20	15989.60	15594.70	15275.70	16348.30	15939.00	15613.50	16257.60	15858.30	15534.90
B 5.06			Surface Dressing													
			Providing and laying surface dressing as wearing course in single coat using crushed stone aggregates of specified size on a layer of bituminous binder laid on prepared surface and rolling with 8-10 tonne smooth wheeled steel roller													
	Case I		19 mm nominal chipping size	Sqm	151.50	148.30	145.60	150.50	147.40	144.70	153.20	150.00	147.30	152.20	149.10	146.40
	Case II		13 mm nominal chipping size	Sqm	117.30	115.00	112.90	116.50	114.30	112.30	118.80	116.40	114.30	118.00	115.70	113.70
B 5.07			Open - Graded Premix Surfacing													
		MF	Providing, laying and rolling of open - graded premix surfacing of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates using Viscosity grade bitumen to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable hot mix plant of appropriate capacity not less than 200 tonnes/hour, laying and rolling with a smooth wheeled roller, finished to required level and grades.	Sqm	220.20	213.90	209.20	218.10	212.20	207.60	222.30	216.00	211.20	220.20	214.20	209.60

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.05	A		Bituminous Concrete Grading -I													
		MF	Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.2 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	16181.80	15775.20	15452.50	16098.40	15701.60	15380.40	16117.60	15712.10	15390.40	16034.20	15638.40	15318.30
	B		Bituminous Concrete Grading -II													
		MF	Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	16630.80	16216.80	15886.70	16540.00	16136.00	15808.00	16564.70	16151.80	15822.80	16473.90	16071.00	15744.10
B 5.06			Surface Dressing													
			Providing and laying surface dressing as wearing course in single coat using crushed stone aggregates of specified size on a layer of bituminous binder laid on prepared surface and rolling with 8-10 tonne smooth wheeled steel roller													
	Case I		19 mm nominal chipping size	Sqm	155.20	152.10	149.30	154.20	151.10	148.40	154.80	151.60	148.80	153.80	150.70	147.90
	Case II		13 mm nominal chipping size	Sqm	120.50	118.10	116.00	119.70	117.40	115.30	120.10	117.70	115.60	119.30	117.00	114.90
B 5.07			Open - Graded Premix Surfacing													
		MF	Providing, laying and rolling of open - graded premix surfacing of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates using Viscosity grade bitumen to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable hot mix plant of appropriate capacity not less than 200 tonnes/hour, laying and rolling with a smooth wheeled roller, finished to required level and grades.	Sqm	224.80	218.40	213.60	222.70	216.70	212.00	224.20	217.80	213.10	222.10	216.10	211.40

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.05	A		Bituminous Concrete Grading -I													
		MF	Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.2 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	15674.40	15276.10	14961.70	15590.90	15202.50	14889.50	16287.50	15879.10	15554.70	16204.00	15805.50	15482.50
	B		Bituminous Concrete Grading -II													
		MF	Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	16108.50	15703.10	15381.50	16017.90	15622.50	15303.00	16739.50	16323.80	15991.90	16648.60	16242.90	15913.10
B 5.06			Surface Dressing													
			Providing and laying surface dressing as wearing course in single coat using crushed stone aggregates of specified size on a layer of bituminous binder laid on prepared surface and rolling with 8-10 tonne smooth wheeled steel roller													
	Case I		19 mm nominal chipping size	Sqm	151.50	148.30	145.60	150.50	147.40	144.70	156.00	152.80	150.00	155.00	151.90	149.20
	Case II		13 mm nominal chipping size	Sqm	117.30	115.00	112.90	116.50	114.30	112.30	121.10	118.80	116.60	120.30	118.10	115.90
B 5.07			Open - Graded Premix Surfacing													
		MF	Providing, laying and rolling of open - graded premix surfacing of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates using Viscosity grade bitumen to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable hot mix plant of appropriate capacity not less than 200 tonnes/hour, laying and rolling with a smooth wheeled roller, finished to required level and grades.	Sqm	220.20	213.90	209.20	218.10	212.20	207.60	225.80	219.40	214.50	223.70	217.60	212.90

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.05	A		Bituminous Concrete Grading -I													
		MF	Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.2 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	15801.70	15401.40	15084.90	15718.30	15327.80	15012.80	15907.40	15505.30	15187.00	15824.00	15431.70	15114.90
	B		Bituminous Concrete Grading -II													
		MF	Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	16239.60	15832.00	15508.30	16148.90	15751.40	15429.80	16348.30	15939.00	15613.50	16257.60	15858.30	15534.90
B 5.06			Surface Dressing													
			Providing and laying surface dressing as wearing course in single coat using crushed stone aggregates of specified size on a layer of bituminous binder laid on prepared surface and rolling with 8-10 tonne smooth wheeled steel roller													
	Case I		19 mm nominal chipping size	Sqm	152.40	149.30	146.50	151.40	148.40	145.70	153.20	150.00	147.30	152.20	149.10	146.40
	Case II		13 mm nominal chipping size	Sqm	118.10	115.80	113.70	117.30	115.10	113.00	118.80	116.40	114.30	118.00	115.70	113.70
B 5.07			Open - Graded Premix Surfacing													
		MF	Providing, laying and rolling of open - graded premix surfacing of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates using Viscosity grade bitumen to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable hot mix plant of appropriate capacity not less than 200 tonnes/hour, laying and rolling with a smooth wheeled roller, finished to required level and grades.	Sqm	221.40	215.00	210.30	219.30	213.30	208.70	222.30	216.00	211.20	220.20	214.20	209.60

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.05	A		Bituminous Concrete Grading -I													
		MF	Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.2 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	16857.10	16439.40	16105.60	16773.60	16365.80	16033.50	16540.10	16127.70	15799.10	16456.70	16054.10	15726.90
	B		Bituminous Concrete Grading -II													
		MF	Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	17325.80	16900.40	16558.90	17234.60	16819.30	16479.80	16999.60	16579.60	16243.40	16908.60	16498.60	16164.50
B 5.06			Surface Dressing													
			Providing and laying surface dressing as wearing course in single coat using crushed stone aggregates of specified size on a layer of bituminous binder laid on prepared surface and rolling with 8-10 tonne smooth wheeled steel roller													
	Case I		19 mm nominal chipping size	Sqm	160.30	157.00	154.10	159.30	156.10	153.30	157.90	154.70	151.80	156.90	153.80	151.00
	Case II		13 mm nominal chipping size	Sqm	124.70	122.20	120.00	123.90	121.50	119.40	122.70	120.30	118.10	121.90	119.60	117.50
B 5.07			Open - Graded Premix Surfacing													
		MF	Providing, laying and rolling of open - graded premix surfacing of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates using Viscosity grade bitumen to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable hot mix plant of appropriate capacity not less than 200 tonnes/hour, laying and rolling with a smooth wheeled roller, finished to required level and grades.	Sqm	230.90	224.40	219.50	228.80	222.70	217.90	228.10	221.60	216.80	226.00	219.90	215.10

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.08			Close Graded Premix Surfacing/Mixed Seal Surfacing													
			Providing, laying and rolling of open - graded premix surfacing of 20 mm thickness composed of 11.2 mm to 0.09 mm (Type-A) or 13.2 mm to 0.09 mm (Type-B) aggregates using Viscocity grade bitumen to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable hot mix plant of appropriate capacity not less than 200 tonnes/hour, laying and rolling with a smooth wheeled roller, finished to required level and grades.													
	Case I	MF	Type A	Sqm	273.00	267.30	262.00	274.20	267.30	261.40	271.70	266.00	260.80	272.90	266.00	260.10
	Case II	MF	Type B	Sqm	250.00	244.70	239.80	251.20	244.70	239.20	248.90	243.60	238.70	250.10	243.60	238.10
B 5.09			Seal Coat													
			Providing and laying seal coat sealing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Type A and B seal coats													
	Case I		Type A	Sqm	111.90	109.70	107.70	111.50	109.30	107.30	111.30	109.10	107.10	110.90	108.70	106.70
	Case II		Type B : Providing and laying of premix sand seal coat with HMP of appropriate capacity not less than 200 tonnes/ hours using crushed stone chipping 6.7 mm size and penetration bitumen of suitable grade.	Sqm	77.00	75.20	73.70	76.50	74.70	73.20	76.60	74.80	73.30	76.10	74.30	72.90
B 5.10			Supply of Stone Aggregates for Pavement Courses: Supply of stone aggregates from approved sources conforming to the physical requirements, specified in the respective specified Clauses, including royalties, fees, rents, collection, transportation, stacking and testing and measured in cum as per Clause 520. Competitive market rates to be ascertained. Alternatively, rates for stone crushing given in Chaoter ! may be adopted, if found economical. In case for supply of aggregates at site are not available, nearest crusher site may be ascertained.Loading and unloading charges and cost of carriage may be added to these rates to arrive at the cost at site													

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.08			Close Graded Premix Surfacing/Mixed Seal Surfacing													
			Providing, laying and rolling of open - graded premix surfacing of 20 mm thickness composed of 11.2 mm to 0.09 mm (Type-A) or 13.2 mm to 0.09 mm (Type-B) aggregates using Viscosity grade bitumen to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable hot mix plant of appropriate capacity not less than 200 tonnes/hour, laying and rolling with a smooth wheeled roller, finished to required level and grades.													
	Case I	MF	Type A	Sqm	274.00	268.30	263.00	275.20	268.30	262.40	277.20	271.40	266.10	278.40	271.40	265.50
	Case II	MF	Type B	Sqm	250.90	245.60	240.60	252.10	245.60	240.00	253.60	248.30	243.30	254.80	248.30	242.70
B 5.09			Seal Coat													
			Providing and laying seal coat sealing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Type A and B seal coats													
	Case I		Type A	Sqm	112.40	110.10	108.10	111.90	109.70	107.70	113.80	111.50	109.50	113.30	111.10	109.10
	Case II		Type B : Providing and laying of premix sand seal coat with HMP of appropriate capacity not less than 200 tonnes/ hours using crushed stone chipping 6.7 mm size and penetration bitumen of suitable grade.	Sqm	77.30	75.50	74.00	76.80	75.00	73.50	78.30	76.50	74.90	77.80	76.00	74.50
B 5.10			Supply of Stone Aggregates for Pavement Courses: Supply of stone aggregates from approved sources conforming to the physical requirements, specified in the respective specified Clauses, including royalties, fees, rents, collection, transportation, stacking and testing and measured in cum as per Clause 520. Competitive market rates to be ascertained. Alternatively, rates for stone crushing given in Chaoter ! may be adopted, if found economical. In case for supply of aggregates at site are not available, nearest crusher site may be ascertained.Loading and unloading charges and cost of carriage may be added to these rates to arrive at the cost at site													

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.08			Close Graded Premix Surfacing/Mixed Seal Surfacing													
			Providing, laying and rolling of open - graded premix surfacing of 20 mm thickness composed of 11.2 mm to 0.09 mm (Type-A) or 13.2 mm to 0.09 mm (Type-B) aggregates using Viscosity grade bitumen to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable hot mix plant of appropriate capacity not less than 200 tonnes/hour, laying and rolling with a smooth wheeled roller, finished to required level and grades.													
	Case I	MF	Type A	Sqm	280.90	275.10	269.70	282.10	275.10	269.10	280.00	274.30	268.80	281.30	274.30	268.20
	Case II	MF	Type B	Sqm	256.80	251.50	246.40	258.10	251.50	245.80	256.10	250.70	245.70	257.30	250.70	245.10
B 5.09			Seal Coat													
			Providing and laying seal coat sealing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Type A and B seal coats													
	Case I		Type A	Sqm	115.50	113.20	111.10	115.00	112.80	110.70	115.10	112.80	110.70	114.60	112.40	110.30
	Case II		Type B : Providing and laying of premix sand seal coat with HMP of appropriate capacity not less than 200 tonnes/ hours using crushed stone chipping 6.7 mm size and penetration bitumen of suitable grade.	Sqm	79.50	77.60	76.10	78.90	77.10	75.60	79.20	77.30	75.80	78.70	76.80	75.30
B 5.10			Supply of Stone Aggregates for Pavement Courses: Supply of stone aggregates from approved sources conforming to the physical requirements, specified in the respective specified Clauses, including royalties, fees, rents, collection, transportation, stacking and testing and measured in cum as per Clause 520. Competitive market rates to be ascertained. Alternatively, rates for stone crushing given in Chaoter ! may be adopted, if found economical. In case for supply of aggregates at site are not available, nearest crusher site may be ascertained.Loading and unloading charges and cost of carriage may be added to these rates to arrive at the cost at site													

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.08			Close Graded Premix Surfacing/Mixed Seal Surfacing													
			Providing, laying and rolling of open - graded premix surfacing of 20 mm thickness composed of 11.2 mm to 0.09 mm (Type-A) or 13.2 mm to 0.09 mm (Type-B) aggregates using Viscocity grade bitumen to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable hot mix plant of appropriate capacity not less than 200 tonnes/hour, laying and rolling with a smooth wheeled roller, finished to required level and grades.													
	Case I	MF	Type A	Sqm	274.00	268.30	263.00	275.20	268.30	262.40	282.30	276.60	271.10	283.60	276.50	270.50
	Case II	MF	Type B	Sqm	250.90	245.60	240.60	252.10	245.60	240.00	258.10	252.70	247.60	259.30	252.70	247.00
B 5.09			Seal Coat													
			Providing and laying seal coat sealing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Type A and B seal coats													
	Case I		Type A	Sqm	112.40	110.10	108.10	111.90	109.70	107.70	116.10	113.80	111.70	115.60	113.40	111.30
	Case II		Type B : Providing and laying of premix sand seal coat with HMP of appropriate capacity not less than 200 tonnes/ hours using crushed stone chipping 6.7 mm size and penetration bitumen of suitable grade.	Sqm	77.30	75.50	74.00	76.80	75.00	73.50	79.90	78.00	76.50	79.40	77.60	76.00
B 5.10			Supply of Stone Aggregates for Pavement Courses: Supply of stone aggregates from approved sources conforming to the physical requirements, specified in the respective specified Clauses, including royalties, fees, rents, collection, transportation, stacking and testing and measured in cum as per Clause 520. Competitive market rates to be ascertained. Alternatively, rates for stone crushing given in Chaoter ! may be adopted, if found economical. In case for supply of aggregates at site are not available, nearest crusher site may be ascertained.Loading and unloading charges and cost of carriage may be added to these rates to arrive at the cost at site													

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.08			Close Graded Premix Surfacing/Mixed Seal Surfacing													
			Providing, laying and rolling of open - graded premix surfacing of 20 mm thickness composed of 11.2 mm to 0.09 mm (Type-A) or 13.2 mm to 0.09 mm (Type-B) aggregates using Viscosity grade bitumen to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable hot mix plant of appropriate capacity not less than 200 tonnes/hour, laying and rolling with a smooth wheeled roller, finished to required level and grades.													
	Case I	MF	Type A	Sqm	275.70	270.00	264.70	276.90	270.00	264.10	277.20	271.40	266.10	278.40	271.40	265.50
	Case II	MF	Type B	Sqm	252.40	247.10	242.10	253.60	247.10	241.50	253.60	248.30	243.30	254.80	248.30	242.70
B 5.09			Seal Coat													
			Providing and laying seal coat sealing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Type A and B seal coats													
	Case I		Type A	Sqm	113.10	110.90	108.90	112.70	110.50	108.50	113.80	111.50	109.50	113.30	111.10	109.10
	Case II		Type B : Providing and laying of premix sand seal coat with HMP of appropriate capacity not less than 200 tonnes/ hours using crushed stone chipping 6.7 mm size and penetration bitumen of suitable grade.	Sqm	77.90	76.00	74.50	77.30	75.50	74.10	78.30	76.50	74.90	77.80	76.00	74.50
B 5.10			Supply of Stone Aggregates for Pavement Courses: Supply of stone aggregates from approved sources conforming to the physical requirements, specified in the respective specified Clauses, including royalties, fees, rents, collection, transportation, stacking and testing and measured in cum as per Clause 520. Competitive market rates to be ascertained. Alternatively, rates for stone crushing given in Chaoter ! may be adopted, if found economical. In case for supply of aggregates at site are not available, nearest crusher site may be ascertained.Loading and unloading charges and cost of carriage may be added to these rates to arrive at the cost at site													

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.08			Close Graded Premix Surfacing/Mixed Seal Surfacing													
			Providing, laying and rolling of open - graded premix surfacing of 20 mm thickness composed of 11.2 mm to 0.09 mm (Type-A) or 13.2 mm to 0.09 mm (Type-B) aggregates using Viscocity grade bitumen to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable hot mix plant of appropriate capacity not less than 200 tonnes/hour, laying and rolling with a smooth wheeled roller, finished to required level and grades.													
	Case I	MF	Type A	Sqm	290.10	284.20	278.60	291.40	284.20	278.00	285.80	279.90	274.40	287.00	279.90	273.80
	Case II	MF	Type B	Sqm	264.80	259.30	254.10	266.00	259.30	253.50	261.10	255.60	250.50	262.30	255.60	249.90
B 5.09			Seal Coat													
			Providing and laying seal coat sealing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Type A and B seal coats													
	Case I		Type A	Sqm	119.60	117.20	115.10	119.10	116.80	114.70	117.60	115.30	113.20	117.20	114.90	112.80
	Case II		Type B : Providing and laying of premix sand seal coat with HMP of appropriate capacity not less than 200 tonnes/ hours using crushed stone chipping 6.7 mm size and penetration bitumen of suitable grade.	Sqm	82.30	80.40	78.80	81.80	79.90	78.40	81.00	79.10	77.50	80.50	78.60	77.10
B 5.10			Supply of Stone Aggregates for Pavement Courses: Supply of stone aggregates from approved sources conforming to the physical requirements, specified in the respective specified Clauses, including royalties, fees, rents, collection, transportation, stacking and testing and measured in cum as per Clause 520. Competitive market rates to be ascertained. Alternatively, rates for stone crushing given in Chaoter ! may be adopted, if found economical. In case for supply of aggregates at site are not available, nearest crusher site may be ascertained.Loading and unloading charges and cost of carriage may be added to these rates to arrive at the cost at site													

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.11			Mastic Asphalt													
			Providing and laying 25 mm thick mastic asphalt wearing course with paving grade bitumen meeting the requirements given in table 500-39, prepared by using mastic cooker and laid to required level and slope after cleaning the surface, including providing antiskid surface with bitumen precoated finegrained hard stone chipping of 13.2 mm nominal size at the rate of 0.005cum per 10 sqm and at an approximate spacing of 10 cm center to center in both directions, pressed into surface when the temperature of surfaces is not less than 1000C, protruding 1 mm to 4 mm over mastic surface, all complete as per clause 516.	Sqm	2164.40	2128.90	2093.40	2086.00	2051.80	2017.60	2148.60	2113.40	2078.10	2070.10	2036.20	2002.30
B 5.12			Slurry Seal													
			Providing and laying slurry seal consisting of a mixture of fine aggregates, portland cement filler, bituminous emulsion and water on a road surface including cleaning of surface, mixing of slurry seal in a suitable mobile plant, laying and compacting to provide even riding surface													
	(i)		2 - 3 mm thickness (Type I)	Sqm	72.50	70.90	69.60	72.30	70.80	69.50	71.70	70.10	68.80	71.50	70.00	68.70
	(ii)		4 - 6 mm thickness (Type II)	Sqm	120.60	118.00	115.80	120.20	117.80	115.60	119.30	116.70	114.60	119.00	116.50	114.40
	(iii)		6 - 8 mm thickness (Type III)	Sqm	144.60	141.30	138.80	144.20	99.50	97.60	143.10	139.80	137.30	142.60	98.40	96.50
B 5.13			Recycling of Bituminous Pavement with Central Recycling Plant													
			Recycling of Bituminous Pavement with Central Recycling Plant - Recycling pavement by cold milling of existing bituminous layers, planning the surface after cold milling, reclaiming excavated material to the extent of 30 per cent of the required quantity, hauling and stock piling the reclaimed material near the central recycling plant after carrying out necessary checks and evaluation, adding fresh material including rejuvenators as required, mixing in a hot mix plant, transporting and laying at site and compacting to the required grade, level and thickness, all as specified in clause 519.													
	A (i)		Using by Bituminous Macadam Grading - I	Cum	9904.70	9682.90	9204.20	9322.50	9085.40	8743.10	9864.90	9643.80	9165.70	9282.70	9046.30	8704.60
	A (ii)		Using by Bituminous Macadam Grading - II	Cum	10070.40	9779.90	9364.50	9835.30	9534.00	9153.10	10029.40	9739.50	9324.80	9794.30	9493.60	9113.40
	B (i)		Using by Dense Graded Bituminous Macadam Grading - I	Cum	11162.20	10859.80	10428.90	10839.20	10575.40	10201.30	11098.30	10797.00	10367.10	10775.30	10512.60	10139.50
	B (ii)		Using by Dense Graded Bituminous Macadam Grading - II	Cum	11917.90	11599.20	11153.90	11657.50	11347.00	10951.50	11848.00	11530.40	11086.30	11587.60	11278.20	10883.90
	C (i)		Using by Bituminous Concrete Grading - I	Cum	12978.70	12643.00	12167.10	12748.60	12420.60	12007.40	12900.30	12565.90	12092.10	12671.20	12344.50	11932.40
	C (ii)		Using by Bituminous Concrete Grading - II	Cum	13293.00	12952.30	12484.60	13032.80	12716.30	12298.10	13212.20	12872.90	12406.50	12952.00	12636.90	12220.00

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.11			Mastic Asphalt													
			Providing and laying 25 mm thick mastic asphalt wearing course with paving grade bitumen meeting the requirements given in table 500-39, prepared by using mastic cooker and laid to required level and slope after cleaning the surface, including providing antiskid surface with bitumen precoated finegrained hard stone chipping of 13.2 mm nominal size at the rate of 0.005cum per 10 sqm and at an approximate spacing of 10 cm center to center in both directions, pressed into surface when the temperature of surfaces is not less than 1000C, protruding 1 mm to 4 mm over mastic surface, all complete as per clause 516.	Sqm	2173.60	2138.00	2102.30	2095.20	2060.80	2026.50	2209.00	2172.80	2136.60	2130.50	2095.60	2060.70
B 5.12			Slurry Seal													
			Providing and laying slurry seal consisting of a mixture of fine aggregates, portland cement filler, bituminous emulsion and water on a road surface including cleaning of surface, mixing of slurry seal in a suitable mobile plant, laying and compacting to provide even riding surface													
	(i)		2 - 3 mm thickness (Type I)	Sqm	72.50	70.90	69.60	72.30	70.80	69.50	73.50	71.90	70.60	73.30	71.80	70.50
	(ii)		4 - 6 mm thickness (Type II)	Sqm	120.60	118.00	115.80	120.20	117.80	115.60	122.30	119.70	117.50	122.00	119.50	117.30
	(iii)		6 - 8 mm thickness (Type III)	Sqm	144.60	141.30	138.80	144.20	99.50	97.60	150.70	147.30	144.60	150.20	102.60	100.70
B 5.13			Recycling of Bituminous Pavement with Central Recycling Plant													
			Recycling of Bituminous Pavement with Central Recycling Plant - Recycling pavement by cold milling of existing bituminous layers, planning the surface after cold milling, reclaiming excavated material to the extent of 30 per cent of the required quantity, hauling and stock piling the reclaimed material near the central recycling plant after carrying out necessary checks and evaluation, adding fresh material including rejuvenators as required, mixing in a hot mix plant, transporting and laying at site and compacting to the required grade, level and thickness, all as specified in clause 519.													
	A (i)		Using by Bituminous Macadam Grading - I	Cum	9934.90	9712.60	9233.30	9352.70	9115.10	8772.30	10031.60	9807.70	9326.90	9449.40	9210.20	8865.80
	A (ii)		Using by Bituminous Macadam Grading - II	Cum	10101.50	9810.50	9394.60	9866.40	9564.60	9183.10	10201.10	9908.50	9490.90	9966.00	9662.60	9279.50
	B (i)		Using by Dense Graded Bituminous Macadam Grading - I	Cum	11198.80	10895.80	10464.30	10875.80	10611.30	10236.70	11331.60	11026.50	10592.80	11008.60	10742.00	10365.20
	B (ii)		Using by Dense Graded Bituminous Macadam Grading - II	Cum	11959.00	11639.60	11193.70	11698.60	11387.40	10991.30	12106.50	11784.70	11336.30	11846.10	11532.50	11133.90
	C (i)		Using by Bituminous Concrete Grading - I	Cum	13026.20	12689.70	12213.00	12796.20	12467.40	12053.30	13194.20	12855.00	12374.60	12963.20	12631.70	12214.90
	C (ii)		Using by Bituminous Concrete Grading - II	Cum	13342.30	13000.90	12532.40	13082.10	12764.90	12345.90	13516.20	13171.90	12700.50	13256.00	12935.90	12514.00

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.11			Mastic Asphalt													
			Providing and laying 25 mm thick mastic asphalt wearing course with paving grade bitumen meeting the requirements given in table 500-39, prepared by using mastic cooker and laid to required level and slope after cleaning the surface, including providing antiskid surface with bitumen precoated finegrained hard stone chipping of 13.2 mm nominal size at the rate of 0.005cum per 10 sqm and at an approximate spacing of 10 cm center to center in both directions, pressed into surface when the temperature of surfaces is not less than 1000C, protruding 1 mm to 4 mm over mastic surface, all complete as per clause 516.	Sqm	2250.50	2213.60	2176.70	2172.10	2136.50	2100.90	2240.80	2204.10	2167.30	2162.40	2126.90	2091.50
B 5.12			Slurry Seal													
			Providing and laying slurry seal consisting of a mixture of fine aggregates, portland cement filler, bituminous emulsion and water on a road surface including cleaning of surface, mixing of slurry seal in a suitable mobile plant, laying and compacting to provide even riding surface													
	(i)		2 - 3 mm thickness (Type I)	Sqm	74.80	73.20	71.80	74.60	73.10	71.70	74.50	72.90	71.50	74.30	72.80	71.40
	(ii)		4 - 6 mm thickness (Type II)	Sqm	124.40	121.70	119.50	124.10	121.50	119.30	123.90	121.30	119.00	123.60	121.00	118.80
	(iii)		6 - 8 mm thickness (Type III)	Sqm	153.20	149.70	147.00	152.70	104.40	102.50	152.60	149.20	146.50	152.10	104.00	102.10
B 5.13			Recycling of Bituminous Pavement with Central Recycling Plant													
			Recycling of Bituminous Pavement with Central Recycling Plant - Recycling pavement by cold milling of existing bituminous layers, planning the surface after cold milling, reclaiming excavated material to the extent of 30 per cent of the required quantity, hauling and stock piling the reclaimed material near the central recycling plant after carrying out necessary checks and evaluation, adding fresh material including rejuvenators as required, mixing in a hot mix plant, transporting and laying at site and compacting to the required grade, level and thickness, all as specified in clause 519.													
	A (i)		Using by Bituminous Macadam Grading - I	Cum	10145.40	9919.60	9436.90	9563.20	9322.10	8975.80	10118.60	9893.30	9411.10	9536.40	9295.80	8950.00
	A (ii)		Using by Bituminous Macadam Grading - II	Cum	10318.30	10023.80	9604.30	10083.30	9777.90	9392.90	10290.80	9996.70	9577.70	10055.70	9750.80	9366.20
	B (i)		Using by Dense Graded Bituminous Macadam Grading - I	Cum	11498.50	11190.70	10754.30	11175.50	10906.20	10526.60	11459.40	11152.20	10716.50	11136.40	10867.70	10488.80
	B (ii)		Using by Dense Graded Bituminous Macadam Grading - II	Cum	12290.70	11965.80	11514.40	12030.20	11713.60	11312.00	12247.50	11923.40	11472.70	11987.10	11671.20	11270.30
	C (i)		Using by Bituminous Concrete Grading - I	Cum	13402.40	13059.80	12574.40	13169.80	12834.90	12414.70	13353.60	13011.80	12527.60	13121.40	12787.30	12367.90
	C (ii)		Using by Bituminous Concrete Grading - II	Cum	13731.40	13383.50	12908.60	13471.10	13147.50	12722.10	13680.90	13333.90	12859.90	13420.70	13097.90	12673.40

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.11			Mastic Asphalt													
			Providing and laying 25 mm thick mastic asphalt wearing course with paving grade bitumen meeting the requirements given in table 500-39, prepared by using mastic cooker and laid to required level and slope after cleaning the surface, including providing antiskid surface with bitumen precoated finegrained hard stone chipping of 13.2 mm nominal size at the rate of 0.005cum per 10 sqm and at an approximate spacing of 10 cm center to center in both directions, pressed into surface when the temperature of surfaces is not less than 1000C, protruding 1 mm to 4 mm over mastic surface, all complete as per clause 516.	Sqm	2176.80	2141.10	2105.40	2098.40	2064.00	2029.60	2264.40	2227.30	2190.20	2186.00	2150.20	2114.30
B 5.12			Slurry Seal													
			Providing and laying slurry seal consisting of a mixture of fine aggregates, portland cement filler, bituminous emulsion and water on a road surface including cleaning of surface, mixing of slurry seal in a suitable mobile plant, laying and compacting to provide even riding surface													
	(i)		2 - 3 mm thickness (Type I)	Sqm	72.50	70.90	69.60	72.30	70.80	69.50	75.30	73.70	72.30	75.10	73.50	72.20
	(ii)		4 - 6 mm thickness (Type II)	Sqm	120.60	118.00	115.80	120.30	117.80	115.60	125.20	122.50	120.20	124.80	122.30	120.10
	(iii)		6 - 8 mm thickness (Type III)	Sqm	148.60	145.20	142.60	148.10	101.00	99.20	154.10	150.60	147.90	153.60	105.10	103.20
B 5.13			Recycling of Bituminous Pavement with Central Recycling Plant													
			Recycling of Bituminous Pavement with Central Recycling Plant - Recycling pavement by cold milling of existing bituminous layers, planning the surface after cold milling, reclaiming excavated material to the extent of 30 per cent of the required quantity, hauling and stock piling the reclaimed material near the central recycling plant after carrying out necessary checks and evaluation, adding fresh material including rejuvenators as required, mixing in a hot mix plant, transporting and laying at site and compacting to the required grade, level and thickness, all as specified in clause 519.													
	A (i)		Using by Bituminous Macadam Grading - I	Cum	9934.90	9712.60	9233.30	9352.70	9115.10	8772.30	10189.20	9962.70	9479.30	9607.00	9365.20	9018.20
	A (ii)		Using by Bituminous Macadam Grading - II	Cum	10101.50	9810.50	9394.60	9866.40	9564.60	9183.10	10363.40	10068.20	9648.00	10128.40	9822.30	9436.50
	B (i)		Using by Dense Graded Bituminous Macadam Grading - I	Cum	11203.20	10900.20	10468.60	10880.20	10615.70	10241.00	11553.80	11245.10	10807.80	11230.80	10960.60	10580.10
	B (ii)		Using by Dense Graded Bituminous Macadam Grading - II	Cum	11963.50	11644.00	11198.00	11703.10	11391.80	10995.60	12352.60	12026.80	11574.40	12092.20	11774.60	11372.00
	C (i)		Using by Bituminous Concrete Grading - I	Cum	13030.60	12694.10	12217.10	12800.40	12471.50	12057.40	13473.70	13129.90	12643.20	13240.90	12904.90	12483.50
	C (ii)		Using by Bituminous Concrete Grading - II	Cum	13346.80	13005.30	12536.70	13086.60	12769.20	12350.20	13805.30	13456.20	12980.10	13545.10	13220.20	12793.60

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.11			Mastic Asphalt													
			Providing and laying 25 mm thick mastic asphalt wearing course with paving grade bitumen meeting the requirements given in table 500-39, prepared by using mastic cooker and laid to required level and slope after cleaning the surface, including providing antiskid surface with bitumen precoated finegrained hard stone chipping of 13.2 mm nominal size at the rate of 0.005cum per 10 sqm and at an approximate spacing of 10 cm center to center in both directions, pressed into surface when the temperature of surfaces is not less than 1000C, protruding 1 mm to 4 mm over mastic surface, all complete as per clause 516.	Sqm	2193.50	2157.60	2121.60	2115.10	2080.40	2045.70	2211.60	2175.30	2139.10	2133.10	2098.20	2063.20
B 5.12			Slurry Seal													
			Providing and laying slurry seal consisting of a mixture of fine aggregates, portland cement filler, bituminous emulsion and water on a road surface including cleaning of surface, mixing of slurry seal in a suitable mobile plant, laying and compacting to provide even riding surface													
	(i)		2 - 3 mm thickness (Type I)	Sqm	73.00	71.50	70.10	72.80	71.30	70.00	73.60	72.00	70.60	73.40	71.80	70.50
	(ii)		4 - 6 mm thickness (Type II)	Sqm	121.50	118.90	116.70	121.20	118.70	116.50	122.40	119.70	117.50	122.00	119.50	117.30
	(iii)		6 - 8 mm thickness (Type III)	Sqm	149.70	146.30	143.70	149.20	101.90	100.00	150.70	147.30	144.60	150.20	102.60	100.70
B 5.13			Recycling of Bituminous Pavement with Central Recycling Plant													
			Recycling of Bituminous Pavement with Central Recycling Plant - Recycling pavement by cold milling of existing bituminous layers, planning the surface after cold milling, reclaiming excavated material to the extent of 30 per cent of the required quantity, hauling and stock piling the reclaimed material near the central recycling plant after carrying out necessary checks and evaluation, adding fresh material including rejuvenators as required, mixing in a hot mix plant, transporting and laying at site and compacting to the required grade, level and thickness, all as specified in clause 519.													
	A (i)		Using by Bituminous Macadam Grading - I	Cum	9987.80	9764.60	9284.50	9405.60	9167.10	8823.40	10031.60	9807.70	9326.90	9449.40	9210.20	8865.80
	A (ii)		Using by Bituminous Macadam Grading - II	Cum	10156.00	9864.10	9447.30	9920.90	9618.20	9235.80	10201.10	9908.50	9490.90	9966.00	9662.60	9279.50
	B (i)		Using by Dense Graded Bituminous Macadam Grading - I	Cum	11269.60	10965.50	10532.80	10946.60	10681.00	10305.20	11342.80	11037.40	10603.60	11019.70	10753.00	10375.90
	B (ii)		Using by Dense Graded Bituminous Macadam Grading - II	Cum	12037.90	11717.20	11269.90	11777.40	11465.00	11067.50	12117.70	11795.70	11347.10	11857.20	11543.50	11144.70
	C (i)		Using by Bituminous Concrete Grading - I	Cum	13116.20	12778.30	12299.70	12885.80	12555.60	12140.00	13205.30	12865.90	12384.80	12973.70	12642.10	12225.10
	C (ii)		Using by Bituminous Concrete Grading - II	Cum	13435.60	13092.60	12622.60	13175.40	12856.60	12436.10	13527.30	13182.90	12711.30	13267.10	12946.80	12524.80

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.11			Mastic Asphalt													
			Providing and laying 25 mm thick mastic asphalt wearing course with paving grade bitumen meeting the requirements given in table 500-39, prepared by using mastic cooker and laid to required level and slope after cleaning the surface, including providing antiskid surface with bitumen precoated finegrained hard stone chipping of 13.2 mm nominal size at the rate of 0.005cum per 10 sqm and at an approximate spacing of 10 cm center to center in both directions, pressed into surface when the temperature of surfaces is not less than 1000C, protruding 1 mm to 4 mm over mastic surface, all complete as per clause 516.	Sqm	2341.80	2303.40	2265.10	2263.40	2226.30	2189.20	2298.50	2260.90	2223.20	2220.10	2183.70	2147.30
B 5.12			Slurry Seal													
			Providing and laying slurry seal consisting of a mixture of fine aggregates, portland cement filler, bituminous emulsion and water on a road surface including cleaning of surface, mixing of slurry seal in a suitable mobile plant, laying and compacting to provide even riding surface													
	(i)		2 - 3 mm thickness (Type I)	Sqm	77.90	76.20	74.80	77.70	76.00	74.70	76.40	74.80	73.40	76.20	74.60	73.30
	(ii)		4 - 6 mm thickness (Type II)	Sqm	129.30	126.60	124.30	129.00	126.40	124.10	127.00	124.30	122.00	126.70	124.10	121.80
	(iii)		6 - 8 mm thickness (Type III)	Sqm	159.10	155.60	152.80	158.60	108.90	106.90	156.30	152.80	150.10	155.80	106.80	104.80
B 5.13			Recycling of Bituminous Pavement with Central Recycling Plant													
			Recycling of Bituminous Pavement with Central Recycling Plant - Recycling pavement by cold milling of existing bituminous layers, planning the surface after cold milling, reclaiming excavated material to the extent of 30 per cent of the required quantity, hauling and stock piling the reclaimed material near the central recycling plant after carrying out necessary checks and evaluation, adding fresh material including rejuvenators as required, mixing in a hot mix plant, transporting and laying at site and compacting to the required grade, level and thickness, all as specified in clause 519.													
	A (i)		Using by Bituminous Macadam Grading - I	Cum	10425.20	10194.90	9707.60	9843.10	9597.40	9246.50	10293.80	10065.60	9580.50	9711.70	9468.20	9119.40
	A (ii)		Using by Bituminous Macadam Grading - II	Cum	10606.70	10307.40	9883.20	10371.60	10061.50	9671.80	10471.30	10174.20	9752.30	10236.20	9928.30	9540.80
	B (i)		Using by Dense Graded Bituminous Macadam Grading - I	Cum	11862.30	11548.50	11106.30	11539.30	11264.00	10878.40	11689.60	11378.70	10939.20	11366.60	11094.10	10711.40
	B (ii)		Using by Dense Graded Bituminous Macadam Grading - II	Cum	12696.90	12365.40	11907.30	12436.40	12113.20	11704.90	12504.30	12176.00	11721.10	12243.90	11923.70	11518.60
	C (i)		Using by Bituminous Concrete Grading - I	Cum	13868.00	13517.70	13023.30	13633.90	13291.40	12863.60	13647.50	13300.90	12810.90	13414.30	13075.40	12651.20
	C (ii)		Using by Bituminous Concrete Grading - II	Cum	14213.90	13858.20	13375.40	13953.70	13622.20	13188.90	13985.50	13633.50	13154.40	13725.30	13397.50	12967.90

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.14			Fog Spray													
	(i)		Providing and applying low viscosity bitumen emulsion for sealing cracks less than 3 mm wide or incipient fretting or disintegration in an existing bituminous surfacing.	Sqm	61.70	60.70	59.70	61.70	60.70	59.60	60.90	59.90	58.90	60.90	59.90	58.90
	(ii)		In case it is decided by the engineer to blind the FOG SPRAY, the following may be added	Sqm	13.10	12.90	12.70	13.00	12.80	12.60	13.10	12.80	12.60	13.00	12.70	12.50
B 5.15			Bituminous Cold Mix (Including Gravel Emulsion)													
			Providing, laying and rolling of bituminous cold mix on prepared base consisting of a mixture of unheated mineral aggregate and emulsified or cutback bitumen, including mixing in a plant of suitable type and capacity, transporting, laying, compacting and finishing to specified grades and levels.													
	(i)	MF	Using bitumen emulsion and 9.5 mm or 13.2 mm size aggregate	Cum	19775.50	19319.70	18945.30	19678.50	19232.20	18860.50	19576.70	19124.10	18752.90	19479.60	19036.60	18668.20
	(ii)	MF	Using bitumen emulsion and 19 mm or 26.5 mm nominal size aggregate.	Cum	19760.50	19304.90	18930.80	19663.50	19217.40	18846.00	19561.60	19109.30	18738.40	19464.60	19021.80	18653.60
	(iii)	MF	Using cutback bitumen and 9.5 mm or 13.2 mm nominal size aggregate	Cum	14905.30	14526.50	14231.40	14807.30	14438.60	14146.30	14818.40	14441.10	14147.40	14720.50	14353.10	14062.30
	(iv)	MF	Using cutback bitumen and 19 mm or 26.5 mm nominal size aggregate.	Cum	14770.30	14402.20	14110.50	14770.30	14402.20	14110.50	14683.50	14316.70	14026.50	14683.50	14316.70	14026.50
B 5.16			Sand Asphalt Base Course													
			Providing, laying and rolling sand-asphalt base course composed of sand, mineral filler and bituminous binder on a prepared sub-grade or sub-base to the lines, levels, grades and cross sections as per the drawings including mixing in a plant of suitable type and capacity, transporting, laying, compacting and finishing.	Cum	16339.50	15941.30	15619.20	16235.70	15852.30	15537.00	15128.60	14750.20	14448.00	15024.80	14661.20	14365.70
			Crack Prevention Courses													
B 5.17	(i)		Stress Absorbing Membrane (SAM) crack width less than 6 mm)													
		MF	Providing and laying of a stress absorbing membrane over a cracked road surface, with crack width below 6 mm after cleaning with a mechanical broom, using modified binder complying with IRC:SP: 53, sprayed at the rate of 9 kg per 10 sqm and spreading 5.6 mm crushed stone aggregates @ 0.11 cum per 10 sqm with hydraulic chip spreader, sweeping the surface for uniform spread of aggregates and surface finished to conform to clause 902.	Sqm	108.70	106.90	105.10	108.60	106.80	105.00	108.10	106.30	104.60	108.00	106.20	104.50

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.14			Fog Spray													
	(i)		Providing and applying low viscosity bitumen emulsion for sealing cracks less than 3 mm wide or incipient fretting or disintegration in an existing bituminous surfacing.	Sqm	61.70	60.70	59.70	61.70	60.70	59.60	62.80	61.80	60.80	62.70	61.70	60.70
	(ii)		In case it is decided by the engineer to blind the FOG SPRAY, the following may be added	Sqm	13.10	12.90	12.70	13.00	12.80	12.60	14.30	14.10	13.80	14.20	14.00	13.80
B 5.15			Bituminous Cold Mix (Including Gravel Emulsion)													
			Providing, laying and rolling of bituminous cold mix on prepared base consisting of a mixture of unheated mineral aggregate and emulsified or cutback bitumen, including mixing in a plant of suitable type and capacity, transporting, laying, compacting and finishing to specified grades and levels.													
	(i)	MF	Using bitumen emulsion and 9.5 mm or 13.2 mm size aggregate	Cum	19775.50	19319.70	18945.30	19678.50	19232.20	18860.50	20044.70	19584.40	19205.60	19947.70	19496.90	19120.90
	(ii)	MF	Using bitumen emulsion and 19 mm or 26.5 mm nominal size aggregate.	Cum	19760.50	19304.90	18930.80	19663.50	19217.40	18846.00	20029.70	19569.70	19191.10	19932.60	19482.20	19106.30
	(iii)	MF	Using cutback bitumen and 9.5 mm or 13.2 mm nominal size aggregate	Cum	14959.80	14580.10	14284.10	14861.80	14492.20	14199.00	15149.50	14766.70	14467.60	15051.50	14678.80	14382.50
	(iv)	MF	Using cutback bitumen and 19 mm or 26.5 mm nominal size aggregate.	Cum	14824.80	14455.80	14163.20	14824.80	14455.80	14163.20	15014.50	14642.40	14346.70	15014.50	14642.40	14346.70
B 5.16			Sand Asphalt Base Course													
			Providing, laying and rolling sand-asphalt base course composed of sand, mineral filler and bituminous binder on a prepared sub-grade or sub-base to the lines, levels, grades and cross sections as per the drawings including mixing in a plant of suitable type and capacity, transporting, laying, compacting and finishing.	Cum	16389.00	15990.10	15667.10	16285.20	15901.00	15584.90	19119.60	18675.80	18308.10	19015.80	18586.80	18225.90
			Crack Prevention Courses													
B 5.17	(i)		Stress Absorbing Membrane (SAM) crack width less than 6 mm)													
		MF	Providing and laying of a stress absorbing membrane over a cracked road surface, with crack width below 6 mm after cleaning with a mechanical broom, using modified binder complying with IRC:SP: 53, sprayed at the rate of 9 kg per 10 sqm and spreading 5.6 mm crushed stone aggregates @ 0.11 cum per 10 sqm with hydraulic chip spreader, sweeping the surface for uniform spread of aggregates and surface finished to conform to clause 902.	Sqm	109.10	107.30	105.50	109.00	107.20	105.50	110.50	108.70	106.90	110.40	108.60	106.80

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.14			Fog Spray													
	(i)		Providing and applying low viscosity bitumen emulsion for sealing cracks less than 3 mm wide or incipient fretting or disintegration in an existing bituminous surfacing.	Sqm	64.10	63.00	62.00	64.00	63.00	61.90	63.80	62.80	61.70	63.70	62.70	61.60
	(ii)		In case it is decided by the engineer to blind the FOG SPRAY, the following may be added	Sqm	14.40	14.20	14.00	14.40	14.10	13.90	14.40	14.20	13.90	14.30	14.10	13.90
B 5.15			Bituminous Cold Mix (Including Gravel Emulsion)													
			Providing, laying and rolling of bituminous cold mix on prepared base consisting of a mixture of unheated mineral aggregate and emulsified or cutback bitumen, including mixing in a plant of suitable type and capacity, transporting, laying, compacting and finishing to specified grades and levels.													
	(i)	MF	Using bitumen emulsion and 9.5 mm or 13.2 mm size aggregate	Cum	20371.50	19905.90	19521.70	20274.50	19818.40	19437.00	20294.80	19830.50	19447.60	20197.80	19743.00	19362.80
	(ii)	MF	Using bitumen emulsion and 19 mm or 26.5 mm nominal size aggregate.	Cum	20356.50	19891.10	19507.20	20259.40	19803.60	19422.40	20279.80	19815.70	19433.00	20182.70	19728.20	19348.30
	(iii)	MF	Using cutback bitumen and 9.5 mm or 13.2 mm nominal size aggregate	Cum	15382.80	14996.20	14693.30	15284.90	14908.30	14608.20	15328.10	14942.40	14640.40	15230.20	14854.50	14555.30
	(iv)	MF	Using cutback bitumen and 19 mm or 26.5 mm nominal size aggregate.	Cum	15247.90	14871.90	14572.40	15247.90	14871.90	14572.40	15193.20	14818.10	14519.50	15193.20	14818.10	14519.50
B 5.16			Sand Asphalt Base Course													
			Providing, laying and rolling sand-asphalt base course composed of sand, mineral filler and bituminous binder on a prepared sub-grade or sub-base to the lines, levels, grades and cross sections as per the drawings including mixing in a plant of suitable type and capacity, transporting, laying, compacting and finishing.	Cum	21672.50	21186.90	20777.40	21568.70	21097.90	20695.10	21082.60	20606.60	20206.80	20978.80	20517.60	20124.50
			Crack Prevention Courses													
B 5.17	(i)		Stress Absorbing Membrane (SAM) crack width less than 6 mm)													
		MF	Providing and laying of a stress absorbing membrane over a cracked road surface, with crack width below 6 mm after cleaning with a mechanical broom, using modified binder complying with IRC:SP: 53, sprayed at the rate of 9 kg per 10 sqm and spreading 5.6 mm crushed stone aggregates @ 0.11 cum per 10 sqm with hydraulic chip spreader, sweeping the surface for uniform spread of aggregates and surface finished to conform to clause 902.	Sqm	112.20	110.30	108.50	112.10	110.20	108.40	111.80	109.90	108.10	111.70	109.80	108.00

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.14			Fog Spray													
	(i)		Providing and applying low viscosity bitumen emulsion for sealing cracks less than 3 mm wide or incipient fretting or disintegration in an existing bituminous surfacing.	Sqm	61.70	60.70	59.70	61.70	60.70	59.60	64.60	63.50	62.50	64.50	63.50	62.40
	(ii)		In case it is decided by the engineer to blind the FOG SPRAY, the following may be added	Sqm	14.20	14.00	13.70	14.10	13.90	13.70	14.50	14.30	14.00	14.40	14.20	13.90
B 5.15			Bituminous Cold Mix (Including Gravel Emulsion)													
			Providing, laying and rolling of bituminous cold mix on prepared base consisting of a mixture of unheated mineral aggregate and emulsified or cutback bitumen, including mixing in a plant of suitable type and capacity, transporting, laying, compacting and finishing to specified grades and levels.													
	(i)	MF	Using bitumen emulsion and 9.5 mm or 13.2 mm size aggregate	Cum	19779.80	19323.90	18949.40	19682.70	19236.40	18864.60	20488.80	20021.30	19635.20	20391.80	19933.80	19550.40
	(ii)	MF	Using bitumen emulsion and 19 mm or 26.5 mm nominal size aggregate.	Cum	19764.80	19309.10	18934.90	19667.70	19221.60	18850.10	20473.80	20006.50	19620.60	20376.70	19919.00	19535.90
	(iii)	MF	Using cutback bitumen and 9.5 mm or 13.2 mm nominal size aggregate	Cum	14964.10	14584.30	14288.20	14866.10	14496.40	14203.10	15464.20	15076.20	14771.90	15366.20	14988.30	14686.80
	(iv)	MF	Using cutback bitumen and 19 mm or 26.5 mm nominal size aggregate.	Cum	14829.10	14460.00	14167.30	14829.10	14460.00	14167.30	15329.20	14951.90	14651.00	15329.20	14951.90	14651.00
B 5.16			Sand Asphalt Base Course													
			Providing, laying and rolling sand-asphalt base course composed of sand, mineral filler and bituminous binder on a prepared sub-grade or sub-base to the lines, levels, grades and cross sections as per the drawings including mixing in a plant of suitable type and capacity, transporting, laying, compacting and finishing.	Cum	16971.40	16562.90	16230.50	16867.70	16473.90	16148.20	22646.00	22144.40	21718.90	22542.20	22055.40	21636.70
			Crack Prevention Courses													
B 5.17	(i)		Stress Absorbing Membrane (SAM) crack width less than 6 mm)													
		MF	Providing and laying of a stress absorbing membrane over a cracked road surface, with crack width below 6 mm after cleaning with a mechanical broom, using modified binder complying with IRC:SP: 53, sprayed at the rate of 9 kg per 10 sqm and spreading 5.6 mm crushed stone aggregates @ 0.11 cum per 10 sqm with hydraulic chip spreader, sweeping the surface for uniform spread of aggregates and surface finished to conform to clause 902.	Sqm	109.10	107.30	105.50	109.00	107.20	105.50	112.80	110.90	109.10	112.70	110.80	109.00

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.14			Fog Spray													
	(i)		Providing and applying low viscosity bitumen emulsion for sealing cracks less than 3 mm wide or incipient fretting or disintegration in an existing bituminous surfacing.	Sqm	62.30	61.30	60.30	62.30	61.20	60.20	62.80	61.80	60.80	62.70	61.70	60.70
	(ii)		In case it is decided by the engineer to blind the FOG SPRAY, the following may be added	Sqm	14.30	14.00	13.80	14.20	13.90	13.70	14.30	14.10	13.80	14.20	14.00	13.80
B 5.15			Bituminous Cold Mix (Including Gravel Emulsion)													
			Providing, laying and rolling of bituminous cold mix on prepared base consisting of a mixture of unheated mineral aggregate and emulsified or cutback bitumen, including mixing in a plant of suitable type and capacity, transporting, laying, compacting and finishing to specified grades and levels.													
	(i)	MF	Using bitumen emulsion and 9.5 mm or 13.2 mm size aggregate	Cum	19921.00	19462.80	19086.00	19824.00	19375.30	19001.20	20055.40	19594.90	19215.90	19958.30	19507.40	19131.20
	(ii)	MF	Using bitumen emulsion and 19 mm or 26.5 mm nominal size aggregate.	Cum	19906.00	19448.00	19071.50	19808.90	19360.50	18986.70	20040.30	19580.10	19201.40	19943.30	19492.60	19116.60
	(iii)	MF	Using cutback bitumen and 9.5 mm or 13.2 mm nominal size aggregate	Cum	15061.80	14680.50	14382.80	14963.90	14592.50	14297.70	15160.20	14777.20	14477.90	15062.20	14689.20	14392.80
	(iv)	MF	Using cutback bitumen and 19 mm or 26.5 mm nominal size aggregate.	Cum	14926.90	14556.10	14261.90	14926.90	14556.10	14261.90	15025.20	14652.80	14357.00	15025.20	14652.80	14357.00
B 5.16			Sand Asphalt Base Course													
			Providing, laying and rolling sand-asphalt base course composed of sand, mineral filler and bituminous binder on a prepared sub-grade or sub-base to the lines, levels, grades and cross sections as per the drawings including mixing in a plant of suitable type and capacity, transporting, laying, compacting and finishing.	Cum	18139.70	17712.00	17360.40	18035.90	17623.00	17278.20	19130.20	18686.30	18318.40	19026.40	18597.30	18236.20
			Crack Prevention Courses													
B 5.17	(i)		Stress Absorbing Membrane (SAM) crack width less than 6 mm)													
		MF	Providing and laying of a stress absorbing membrane over a cracked road surface, with crack width below 6 mm after cleaning with a mechanical broom, using modified binder complying with IRC:SP: 53, sprayed at the rate of 9 kg per 10 sqm and spreading 5.6 mm crushed stone aggregates @ 0.11 cum per 10 sqm with hydraulic chip spreader, sweeping the surface for uniform spread of aggregates and surface finished to conform to clause 902.	Sqm	109.90	108.10	106.30	109.80	108.00	106.20	110.50	108.70	106.90	110.40	108.60	106.80

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.14			Fog Spray													
	(i)		Providing and applying low viscosity bitumen emulsion for sealing cracks less than 3 mm wide or incipient fretting or disintegration in an existing bituminous surfacing.	Sqm	67.20	66.10	65.00	67.20	66.10	65.00	65.80	64.70	63.60	65.70	64.60	63.50
	(ii)		In case it is decided by the engineer to blind the FOG SPRAY, the following may be added	Sqm	14.80	14.50	14.30	14.70	14.40	14.20	14.60	14.40	14.10	14.50	14.30	14.00
B 5.15			Bituminous Cold Mix (Including Gravel Emulsion)													
			Providing, laying and rolling of bituminous cold mix on prepared base consisting of a mixture of unheated mineral aggregate and emulsified or cutback bitumen, including mixing in a plant of suitable type and capacity, transporting, laying, compacting and finishing to specified grades and levels.													
	(i)	MF	Using bitumen emulsion and 9.5 mm or 13.2 mm size aggregate	Cum	21130.80	20652.70	20256.10	21033.80	20565.20	20171.40	20772.50	20300.30	19909.60	20675.50	20212.80	19824.80
	(ii)	MF	Using bitumen emulsion and 19 mm or 26.5 mm nominal size aggregate.	Cum	21115.80	20638.00	20241.60	21018.70	20550.50	20156.80	20757.50	20285.60	19895.10	20660.40	20198.10	19810.30
	(iii)	MF	Using cutback bitumen and 9.5 mm or 13.2 mm nominal size aggregate	Cum	15912.20	15516.90	15205.30	15814.20	15428.90	15120.20	15661.90	15270.70	14963.20	15563.90	15182.70	14878.10
	(iv)	MF	Using cutback bitumen and 19 mm or 26.5 mm nominal size aggregate.	Cum	15777.20	15392.50	15084.40	15777.20	15392.50	15084.40	15526.90	15146.30	14842.30	15526.90	15146.30	14842.30
B 5.16			Sand Asphalt Base Course													
			Providing, laying and rolling sand-asphalt base course composed of sand, mineral filler and bituminous binder on a prepared sub-grade or sub-base to the lines, levels, grades and cross sections as per the drawings including mixing in a plant of suitable type and capacity, transporting, laying, compacting and finishing.	Cum	27911.60	27323.80	26812.00	27807.90	27234.70	26729.70	24984.90	24445.00	23981.20	24881.10	24356.00	23898.90
			Crack Prevention Courses													
B 5.17	(i)		Stress Absorbing Membrane (SAM) crack width less than 6 mm)													
		MF	Providing and laying of a stress absorbing membrane over a cracked road surface, with crack width below 6 mm after cleaning with a mechanical broom, using modified binder complying with IRC:SP: 53, sprayed at the rate of 9 kg per 10 sqm and spreading 5.6 mm crushed stone aggregates @ 0.11 cum per 10 sqm with hydraulic chip spreader, sweeping the surface for uniform spread of aggregates and surface finished to conform to clause 902.	Sqm	116.20	114.30	112.40	116.10	114.20	112.30	114.30	112.40	110.50	114.20	112.30	110.50

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.17	(ii)		Stress Absorbing Membrane (SAM) crack width 6 mm to 9 mm)													
		MF	Providing and laying of a stress absorbing membrane over a cracked road surface, with crack width 6 to 9 mm after cleaning with a mechanical broom, using modified binder complying with IRC:SP: 53, sprayed at the rate of 11 kg per 10 sqm and spreading 11.2 mm crushed stone aggregates @ 0.12 cum per 10 sqm, sweeping the surface for uniform spread of aggregates and surface finished to conform to clause 902.	Sqm	124.60	122.60	120.50	124.50	122.50	120.40	123.90	121.90	119.80	123.80	121.80	119.70
B 5.17	(iii)		Stress Absorbing Membrane (SAM) crack width above 9 mm and cracked area above 50%)													
		MF	Providing and laying a single coat of a stress absorbing membrane over a cracked road surface, with crack width above 9 mm and cracked area above 50 per cent after cleaning with a mechanical broom, using modified binder complying with IRC:SP: 53, sprayed at the rate of 15 kg per 10 sqm and spreading 11.2 mm crushed stone aggregates @ 0.12 cum per 10 sqm, sweeping the surface for uniform spread of aggregates and surface finished to conform to clause 902.	Sqm	163.90	161.20	158.50	163.70	161.00	158.30	162.90	160.20	157.60	162.70	160.10	157.40
B 5.17	(iv)		Bitumen Impregnated Geotextile													
			Providing and laying of premix of crushed stone aggregates and emulsion binder, mixed in a batch type cold mixing plant, laid over prepared surface, by paver finisher, rolled with a pneumatic tyred roller initially and finished with a smooth steel wheel roller, all as per clause 518.3	Sqm	355.70	349.80	344.00	355.10	349.30	343.50	336.50	331.00	325.50	336.00	330.50	325.00
B 5.18			Recipe Cold Mix													
			Providing and laying of premix of crushed stone aggregates and emulsion binder, mixed in a batch type cold mixing plant, laid over prepared surface, by paver finisher, rolled with a pneumatic tyred roller initially and finished with a smooth steel wheel roller, all as per clause 518.3													
	(i)		Recipe Cold Mix - 75 mm thickness	Cum	12315.30	11970.20	11710.90	12226.20	11895.40	11639.00	12256.30	11912.10	11653.80	12167.10	11837.30	11581.80
	(ii)		Recipe Cold Mix - 40 mm thickness	Cum	16374.10	15961.60	15637.50	16286.10	15888.20	15566.40	16282.30	15871.30	15548.70	16194.30	15797.90	15477.60
	(iii)		Recipe Cold Mix - 25 mm thickness	Cum	19471.70	19020.60	18646.00	19388.70	18947.00	18575.40	19360.30	18911.00	18538.20	19277.30	18837.40	18467.70
B 5.19	A		Bituminous Concrete with waste plastic Grading -I													
			Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.2 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	18317.60	17867.50	17506.80	18220.30	17788.80	17432.70	18208.30	17760.00	17401.10	18111.00	17681.20	17327.00

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.17	(ii)		Stress Absorbing Membrane (SAM) crack width 6 mm to 9 mm)													
		MF	Providing and laying of a stress absorbing membrane over a cracked road surface, with crack width 6 to 9 mm after cleaning with a mechanical broom, using modified binder complying with IRC:SP: 53, sprayed at the rate of 11 kg per 10 sqm and spreading 11.2 mm crushed stone aggregates @ 0.12 cum per 10 sqm, sweeping the surface for uniform spread of aggregates and surface finished to conform to clause 902.	Sqm	125.10	123.10	121.00	125.00	123.00	120.90	126.80	124.80	122.70	126.70	124.70	122.60
B 5.17	(iii)		Stress Absorbing Membrane (SAM) crack width above 9 mm and cracked area above 50%)													
		MF	Providing and laying a single coat of a stress absorbing membrane over a cracked road surface, with crack width above 9 mm and cracked area above 50 per cent after cleaning with a mechanical broom, using modified binder complying with IRC:SP: 53, sprayed at the rate of 15 kg per 10 sqm and spreading 11.2 mm crushed stone aggregates @ 0.12 cum per 10 sqm, sweeping the surface for uniform spread of aggregates and surface finished to conform to clause 902.	Sqm	164.60	161.90	159.20	164.40	161.70	159.00	166.90	164.20	161.40	166.80	164.00	161.30
B 5.17	(iv)		Bitumen Impregnated Geotextile													
			Providing and laying of premix of crushed stone aggregates and emulsion binder, mixed in a batch type cold mixing plant, laid over prepared surface, by paver finisher, rolled with a pneumatic tyred roller initially and finished with a smooth steel wheel roller, all as per clause 518.3	Sqm	355.70	349.80	344.00	355.10	349.30	343.50	375.20	369.10	362.90	374.70	368.60	362.40
B 5.18			Recipe Cold Mix													
			Providing and laying of premix of crushed stone aggregates and emulsion binder, mixed in a batch type cold mixing plant, laid over prepared surface, by paver finisher, rolled with a pneumatic tyred roller initially and finished with a smooth steel wheel roller, all as per clause 518.3													
	(i)		Recipe Cold Mix - 75 mm thickness	Cum	12359.90	12014.00	11754.00	12270.80	11939.30	11682.10	13526.40	13161.40	12882.20	13437.30	13086.60	12810.30
	(ii)		Recipe Cold Mix - 40 mm thickness	Cum	16443.50	16029.80	15704.60	16355.50	15956.40	15633.50	17655.00	17221.40	16876.30	17566.90	17148.00	16805.20
	(iii)		Recipe Cold Mix - 25 mm thickness	Cum	19555.90	19103.40	18727.40	19473.00	19029.80	18656.90	19826.30	19369.30	18988.90	19743.30	19295.80	18918.40
B 5.19	A		Bituminous Concrete with waste plastic Grading -I													
			Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.2 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	18368.60	17917.70	17556.10	18271.30	17838.90	17482.00	18625.60	18170.50	17804.70	18528.40	18091.70	17730.70

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.17	(ii)		Stress Absorbing Membrane (SAM) crack width 6 mm to 9 mm)													
		MF	Providing and laying of a stress absorbing membrane over a cracked road surface, with crack width 6 to 9 mm after cleaning with a mechanical broom, using modified binder complying with IRC:SP: 53, sprayed at the rate of 11 kg per 10 sqm and spreading 11.2 mm crushed stone aggregates @ 0.12 cum per 10 sqm, sweeping the surface for uniform spread of aggregates and surface finished to conform to clause 902.	Sqm	128.80	126.70	124.60	128.70	126.60	124.50	128.40	126.30	124.20	128.30	126.20	124.10
B 5.17	(iii)		Stress Absorbing Membrane (SAM) crack width above 9 mm and cracked area above 50%)													
		MF	Providing and laying a single coat of a stress absorbing membrane over a cracked road surface, with crack width above 9 mm and cracked area above 50 per cent after cleaning with a mechanical broom, using modified binder complying with IRC:SP: 53, sprayed at the rate of 15 kg per 10 sqm and spreading 11.2 mm crushed stone aggregates @ 0.12 cum per 10 sqm, sweeping the surface for uniform spread of aggregates and surface finished to conform to clause 902.	Sqm	169.60	166.90	164.10	169.50	166.70	163.90	169.00	166.20	163.50	168.80	166.10	163.30
B 5.17	(iv)		Bitumen Impregnated Geotextile													
			Providing and laying of premix of crushed stone aggregates and emulsion binder, mixed in a batch type cold mixing plant, laid over prepared surface, by paver finisher, rolled with a pneumatic tyred roller initially and finished with a smooth steel wheel roller, all as per clause 518.3	Sqm	410.50	403.80	397.10	410.00	403.30	396.60	402.40	395.80	389.20	401.90	395.30	388.70
B 5.18			Recipe Cold Mix													
			Providing and laying of premix of crushed stone aggregates and emulsion binder, mixed in a batch type cold mixing plant, laid over prepared surface, by paver finisher, rolled with a pneumatic tyred roller initially and finished with a smooth steel wheel roller, all as per clause 518.3													
	(i)		Recipe Cold Mix - 75 mm thickness	Cum	13695.00	13327.20	13045.30	13605.90	13252.40	12973.40	13655.40	13288.20	13007.00	13566.20	13213.50	12935.10
	(ii)		Recipe Cold Mix - 40 mm thickness	Cum	17917.10	17479.20	17129.80	17829.00	17405.80	17058.70	17855.50	17418.60	17070.20	17767.40	17345.20	16999.20
	(iii)		Recipe Cold Mix - 25 mm thickness	Cum	20144.50	19682.30	19296.70	20061.50	19608.70	19226.10	20069.70	19608.70	19224.40	19986.70	19535.20	19153.80
B 5.19	A		Bituminous Concrete with waste plastic Grading -I													
			Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.2 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	18901.80	18442.20	18071.90	18804.60	18363.40	17997.80	18837.30	18378.70	18009.40	18740.00	18299.90	17935.40

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.17	(ii)		Stress Absorbing Membrane (SAM) crack width 6 mm to 9 mm)													
		MF	Providing and laying of a stress absorbing membrane over a cracked road surface, with crack width 6 to 9 mm after cleaning with a mechanical broom, using modified binder complying with IRC:SP: 53, sprayed at the rate of 11 kg per 10 sqm and spreading 11.2 mm crushed stone aggregates @ 0.12 cum per 10 sqm, sweeping the surface for uniform spread of aggregates and surface finished to conform to clause 902.	Sqm	125.10	123.10	121.00	125.00	123.00	120.90	129.60	127.50	125.40	129.50	127.40	125.30
B 5.17	(iii)		Stress Absorbing Membrane (SAM) crack width above 9 mm and cracked area above 50%)													
		MF	Providing and laying a single coat of a stress absorbing membrane over a cracked road surface, with crack width above 9 mm and cracked area above 50 per cent after cleaning with a mechanical broom, using modified binder complying with IRC:SP: 53, sprayed at the rate of 15 kg per 10 sqm and spreading 11.2 mm crushed stone aggregates @ 0.12 cum per 10 sqm, sweeping the surface for uniform spread of aggregates and surface finished to conform to clause 902.	Sqm	164.60	161.90	159.20	164.40	161.70	159.00	170.70	167.90	165.10	170.50	167.70	164.90
B 5.17	(iv)		Bitumen Impregnated Geotextile													
			Providing and laying of premix of crushed stone aggregates and emulsion binder, mixed in a batch type cold mixing plant, laid over prepared surface, by paver finisher, rolled with a pneumatic tyred roller initially and finished with a smooth steel wheel roller, all as per clause 518.3	Sqm	360.80	354.90	349.00	360.30	354.40	348.50	413.80	407.00	400.20	413.30	406.50	399.70
B 5.18			Recipe Cold Mix													
			Providing and laying of premix of crushed stone aggregates and emulsion binder, mixed in a batch type cold mixing plant, laid over prepared surface, by paver finisher, rolled with a pneumatic tyred roller initially and finished with a smooth steel wheel roller, all as per clause 518.3													
	(i)		Recipe Cold Mix - 75 mm thickness	Cum	13383.20	13020.60	12743.80	13294.10	12945.80	12671.80	13759.80	13391.00	13108.00	13670.70	13316.20	13036.10
	(ii)		Recipe Cold Mix - 40 mm thickness	Cum	17432.30	17002.40	16661.00	17344.30	16929.00	16589.90	18017.90	17578.40	17227.30	17929.80	17504.90	17156.20
	(iii)		Recipe Cold Mix - 25 mm thickness	Cum	19556.00	19103.50	18727.50	19473.00	19029.90	18657.00	20266.80	19802.70	19415.10	20183.90	19729.10	19344.50
B 5.19	A		Bituminous Concrete with waste plastic Grading -I													
			Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.2 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	18395.90	17944.60	17582.60	18298.70	17865.80	17508.50	19005.00	18543.60	18171.60	18907.70	18464.90	18097.60

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.17	(ii)		Stress Absorbing Membrane (SAM) crack width 6 mm to 9 mm)													
		MF	Providing and laying of a stress absorbing membrane over a cracked road surface, with crack width 6 to 9 mm after cleaning with a mechanical broom, using modified binder complying with IRC:SP: 53, sprayed at the rate of 11 kg per 10 sqm and spreading 11.2 mm crushed stone aggregates @ 0.12 cum per 10 sqm, sweeping the surface for uniform spread of aggregates and surface finished to conform to clause 902.	Sqm	126.10	124.00	121.90	126.00	123.90	121.80	126.80	124.80	122.70	126.70	124.70	122.60
B 5.17	(iii)		Stress Absorbing Membrane (SAM) crack width above 9 mm and cracked area above 50%)													
		MF	Providing and laying a single coat of a stress absorbing membrane over a cracked road surface, with crack width above 9 mm and cracked area above 50 per cent after cleaning with a mechanical broom, using modified binder complying with IRC:SP: 53, sprayed at the rate of 15 kg per 10 sqm and spreading 11.2 mm crushed stone aggregates @ 0.12 cum per 10 sqm, sweeping the surface for uniform spread of aggregates and surface finished to conform to clause 902.	Sqm	165.90	163.10	160.40	165.70	163.00	160.30	166.90	164.20	161.40	166.80	164.00	161.30
B 5.17	(iv)		Bitumen Impregnated Geotextile													
			Providing and laying of premix of crushed stone aggregates and emulsion binder, mixed in a batch type cold mixing plant, laid over prepared surface, by paver finisher, rolled with a pneumatic tyred roller initially and finished with a smooth steel wheel roller, all as per clause 518.3	Sqm	364.20	358.30	352.30	363.70	357.70	351.80	388.10	381.80	375.40	387.60	381.20	374.90
B 5.18			Recipe Cold Mix													
			Providing and laying of premix of crushed stone aggregates and emulsion binder, mixed in a batch type cold mixing plant, laid over prepared surface, by paver finisher, rolled with a pneumatic tyred roller initially and finished with a smooth steel wheel roller, all as per clause 518.3													
	(i)		Recipe Cold Mix - 75 mm thickness	Cum	13461.50	13097.50	12819.50	13372.40	13022.80	12747.50	13526.50	13161.50	12882.40	13437.40	13086.70	12810.40
	(ii)		Recipe Cold Mix - 40 mm thickness	Cum	17554.10	17122.20	16778.70	17466.00	17048.80	16707.70	17655.10	17221.50	16876.40	17567.10	17148.10	16805.40
	(iii)		Recipe Cold Mix - 25 mm thickness	Cum	19703.80	19248.80	18870.50	19620.80	19175.30	18799.90	19826.40	19369.40	18989.10	19743.40	19295.90	18918.50
B 5.19	A		Bituminous Concrete with waste plastic Grading -I													
			Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.2 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	18520.10	18066.70	17702.70	18422.90	17988.00	17628.60	18629.60	18174.40	17808.60	18532.30	18095.60	17734.50

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.17	(ii)		Stress Absorbing Membrane (SAM) crack width 6 mm to 9 mm)													
		MF	Providing and laying of a stress absorbing membrane over a cracked road surface, with crack width 6 to 9 mm after cleaning with a mechanical broom, using modified binder complying with IRC:SP: 53, sprayed at the rate of 11 kg per 10 sqm and spreading 11.2 mm crushed stone aggregates @ 0.12 cum per 10 sqm, sweeping the surface for uniform spread of aggregates and surface finished to conform to clause 902.	Sqm	133.80	131.60	129.40	133.70	131.50	129.30	131.50	129.30	127.10	131.40	129.20	127.10
B 5.17	(iii)		Stress Absorbing Membrane (SAM) crack width above 9 mm and cracked area above 50%)													
		MF	Providing and laying a single coat of a stress absorbing membrane over a cracked road surface, with crack width above 9 mm and cracked area above 50 per cent after cleaning with a mechanical broom, using modified binder complying with IRC:SP: 53, sprayed at the rate of 15 kg per 10 sqm and spreading 11.2 mm crushed stone aggregates @ 0.12 cum per 10 sqm, sweeping the surface for uniform spread of aggregates and surface finished to conform to clause 902.	Sqm	176.40	173.50	170.60	176.20	173.30	170.40	173.20	170.40	167.50	173.10	170.20	167.40
B 5.17	(iv)		Bitumen Impregnated Geotextile													
			Providing and laying of premix of crushed stone aggregates and emulsion binder, mixed in a batch type cold mixing plant, laid over prepared surface, by paver finisher, rolled with a pneumatic tyred roller initially and finished with a smooth steel wheel roller, all as per clause 518.3	Sqm	443.30	436.00	428.80	442.80	435.50	428.30	425.80	418.80	411.80	425.20	418.30	411.30
B 5.18			Recipe Cold Mix													
			Providing and laying of premix of crushed stone aggregates and emulsion binder, mixed in a batch type cold mixing plant, laid over prepared surface, by paver finisher, rolled with a pneumatic tyred roller initially and finished with a smooth steel wheel roller, all as per clause 518.3													
	(i)		Recipe Cold Mix - 75 mm thickness	Cum	14109.20	13734.70	13446.00	14020.10	13659.90	13374.00	13914.70	13543.30	13257.80	13825.60	13468.60	13185.90
	(ii)		Recipe Cold Mix - 40 mm thickness	Cum	18561.20	18112.80	17752.90	18473.20	18039.40	17681.80	18258.80	17815.30	17460.30	18170.70	17741.90	17389.20
	(iii)		Recipe Cold Mix - 25 mm thickness	Cum	20926.60	20451.60	20053.20	20843.60	20378.10	19982.70	20559.40	20090.40	19698.00	20476.40	20016.80	19627.40
B 5.19	A		Bituminous Concrete with waste plastic Grading -I													
			Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.2 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	19564.70	19094.20	18713.10	19467.50	19015.50	18639.00	19253.00	18787.60	18411.50	19155.70	18708.80	18337.40

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.19	B		Bituminous Concrete with waste plastic Grading -II													
			Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	18644.30	18189.60	17824.00	18534.50	18098.00	17737.30	18538.00	18085.10	17721.20	18428.20	17993.50	17634.50
B 5.20	A		Hot Recycling in place of Bituminous Pavement with Bituminous Concrete Grading - I													
			Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.2 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 511 complete in all respects	Cum	6313.30	6204.10	6100.00	6204.20	6096.50	5993.60	6274.60	6165.90	6062.50	6165.40	6058.30	5956.10
B 5.20	B		Hot Recycling in place of Bituminous Pavement with Bituminous Concrete Grading - II													
			Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 511 complete in all respects	Cum	6385.90	6275.40	6170.20	6276.70	6167.80	6063.70	6346.50	6236.70	6132.10	6237.30	6129.10	6025.70

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.19	B		Bituminous Concrete with waste plastic Grading -II													
			Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	18697.20	18241.70	17875.20	18587.40	18150.10	17788.50	18954.80	18495.10	18124.40	18845.00	18403.50	18037.70
B 5.20	A		Hot Recycling in place of Bituminous Pavement with Bituminous Concrete Grading - I													
			Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.2 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 511 complete in all respects	Cum	6337.20	6227.50	6123.10	6228.00	6119.90	6016.60	6431.30	6320.00	6214.10	6322.10	6212.50	6107.60
B 5.20	B		Hot Recycling in place of Bituminous Pavement with Bituminous Concrete Grading - II													
			Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 511 complete in all respects	Cum	6410.10	6299.30	6193.60	6300.90	6191.70	6087.20	6505.50	6393.10	6285.90	6396.40	6285.50	6179.50

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.19	B		Bituminous Concrete with waste plastic Grading -II													
			Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	19227.90	18763.70	18388.50	19118.20	18672.10	18301.80	19164.10	18700.90	18326.80	19054.30	18609.30	18240.10
B 5.20	A		Hot Recycling in place of Bituminous Pavement with Bituminous Concrete Grading - I													
			Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.2 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 511 complete in all respects	Cum	6535.90	6423.00	6315.30	6426.80	6315.40	6208.90	6511.40	6398.90	6291.60	6402.20	6291.30	6185.20
B 5.20	B		Hot Recycling in place of Bituminous Pavement with Bituminous Concrete Grading - II													
			Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 511 complete in all respects	Cum	6611.80	6497.60	6388.70	6502.60	6390.00	6282.30	6586.90	6473.10	6364.60	6477.70	6365.50	6258.20

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.19	B		Bituminous Concrete with waste plastic Grading -II													
			Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	18722.90	18267.00	17900.10	18613.20	18175.40	17813.40	19333.10	18867.10	18490.20	19223.30	18775.50	18403.50
B 5.20	A		Hot Recycling in place of Bituminous Pavement with Bituminous Concrete Grading - I													
			Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.2 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 511 complete in all respects	Cum	6342.30	6232.60	6128.10	6233.20	6125.00	6021.60	6576.20	6462.60	6354.30	6467.10	6355.10	6247.90
B 5.20	B		Hot Recycling in place of Bituminous Pavement with Bituminous Concrete Grading - II													
			Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 511 complete in all respects	Cum	6415.30	6304.30	6198.60	6306.10	6196.70	6092.20	6652.70	6537.90	6428.30	6543.50	6430.30	6321.80

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.19	B		Bituminous Concrete with waste plastic Grading -II													
			Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	18849.70	18391.70	18022.70	18739.90	18300.00	17936.00	18954.80	18495.10	18124.40	18845.00	18403.50	18037.70
B 5.20	A		Hot Recycling in place of Bituminous Pavement with Bituminous Concrete Grading - I													
			Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.2 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 511 complete in all respects	Cum	6391.00	6280.40	6175.10	6281.80	6172.80	6068.70	6431.30	6320.00	6214.10	6322.10	6212.50	6107.60
B 5.20	B		Hot Recycling in place of Bituminous Pavement with Bituminous Concrete Grading - II													
			Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 511 complete in all respects	Cum	6464.60	6352.90	6246.40	6355.40	6245.30	6139.90	6505.50	6393.10	6285.90	6396.40	6285.50	6179.50

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 5.19	B		Bituminous Concrete with waste plastic Grading -II													
			Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	19900.00	19424.70	19038.50	19790.20	19333.10	18951.80	19584.60	19114.50	18733.50	19474.80	19022.90	18646.80
B 5.20	A		Hot Recycling in place of Bituminous Pavement with Bituminous Concrete Grading - I													
			Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.2 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 511 complete in all respects	Cum	6793.50	6676.30	6564.40	6684.30	6568.70	6458.00	6672.60	6557.40	6447.50	6563.40	6449.80	6341.10
B 5.20	B		Hot Recycling in place of Bituminous Pavement with Bituminous Concrete Grading - II													
			Providing and laying bituminous concrete with higher capacity batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 511 complete in all respects	Cum	6873.20	6754.80	6641.50	6764.00	6647.20	6535.10	6750.50	6634.10	6522.90	6641.30	6526.50	6416.40

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			06 : CEMENT CONCRETE PAVEMENTS													
B 6.01			Dry Lean Cement Concrete Sub- base													
		MF	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 150 kg/cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing.	Cum	7491.90	7056.10	6970.80	7351.30	7067.80	6899.30	7042.70	6614.30	6536.40	6902.10	6626.00	6464.90
			Cement Concrete Pavement													
B 6.02		MF	Construction of un-reinforced, dowel jointed, plain cement concrete pavement over a prepared sub base with approved grade cement @ 400 kg per cum, coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures as approved, curing compound, finishing to lines and grades as per drawing	Cum	11393.50	10993.50	10746.80	11245.50	10902.90	10673.60	10771.10	10381.30	10144.70	10623.00	10290.70	10071.60
B 6.03			Transition Section between Rigid and Flexible Pavement													
			Due to change in the properties of materials and type of construction a gradual changeover from rigid to flexible pavement is desirable to avoid any damage at the butting joint. After provision of expansion joint in the cement concrete slab, the thickness of theslab should be tapered to 10 cm over a length of 3 m towards the flexible pavement. The deficiency of thickness caused due to tapering of the slab should be made up by the asphaltic layers. The quantities of items should be worked out based on the approved design and drawings and priced as per rates given under respective clauses for cement concrete and asphaltic work.													

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			06 : CEMENT CONCRETE PAVEMENTS													
B 6.01			Dry Lean Cement Concrete Sub- base													
		MF	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 150 kg/cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing.	Cum	7491.90	7056.10	6970.80	7351.30	7067.80	6899.30	8592.90	8139.10	8035.80	8452.30	8150.80	7964.20
			Cement Concrete Pavement													
B 6.02		MF	Construction of un-reinforced, dowel jointed, plain cement concrete pavement over a prepared sub base with approved grade cement @ 400 kg per cum, coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures as approved, curing compound, finishing to lines and grades as per drawing	Cum	11393.50	10993.50	10746.80	11245.50	10902.90	10673.60	13006.70	12580.30	12307.00	12858.60	12489.60	12233.90
B 6.03			Transition Section between Rigid and Flexible Pavement													
			Due to change in the properties of materials and type of construction a gradual changeover from rigid to flexible pavement is desirable to avoid any damage at the butting joint. After provision of expansion joint in the cement concrete slab, the thickness of theslab should be tapered to 10 cm over a length of 3 m towards the flexible pavement. The deficiency of thickness caused due to tapering of the slab should be made up by the asphaltic layers. The quantities of items should be worked out based on the approved design and drawings and priced as per rates given under respective clauses for cement concrete and asphaltic work.													

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			06 : CEMENT CONCRETE PAVEMENTS													
B 6.01			Dry Lean Cement Concrete Sub- base													
		MF	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 150 kg/cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing.	Cum	9566.00	9096.20	8976.90	9425.40	9107.90	8905.40	9341.40	8875.30	8759.70	9200.80	8887.00	8688.20
			Cement Concrete Pavement													
B 6.02		MF	Construction of un-reinforced, dowel jointed, plain cement concrete pavement over a prepared sub base with approved grade cement @ 400 kg per cum, coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures as approved, curing compound, finishing to lines and grades as per drawing	Cum	14407.30	13957.90	13661.70	14259.20	13867.30	13588.60	14084.10	13640.00	13349.10	13936.00	13549.30	13276.00
B 6.03			Transition Section between Rigid and Flexible Pavement													
			Due to change in the properties of materials and type of construction a gradual changeover from rigid to flexible pavement is desirable to avoid any damage at the butting joint. After provision of expansion joint in the cement concrete slab, the thickness of theslab should be tapered to 10 cm over a length of 3 m towards the flexible pavement. The deficiency of thickness caused due to tapering of the slab should be made up by the asphaltic layers. The quantities of items should be worked out based on the approved design and drawings and priced as per rates given under respective clauses for cement concrete and asphaltic work.													

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			06 : CEMENT CONCRETE PAVEMENTS													
B 6.01			Dry Lean Cement Concrete Sub- base													
		MF	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 150 kg/cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing.	Cum	7772.50	7332.10	7242.30	7631.90	7343.80	7170.70	9938.20	9462.30	9337.00	9797.60	9474.00	9265.40
			Cement Concrete Pavement													
B 6.02		MF	Construction of un-reinforced, dowel jointed, plain cement concrete pavement over a prepared sub base with approved grade cement @ 400 kg per cum, coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures as approved, curing compound, finishing to lines and grades as per drawing	Cum	11845.20	11437.90	11183.70	11697.20	11347.20	11110.50	14930.20	14472.20	14167.50	14782.10	14381.60	14094.30
B 6.03			Transition Section between Rigid and Flexible Pavement													
			Due to change in the properties of materials and type of construction a gradual changeover from rigid to flexible pavement is desirable to avoid any damage at the butting joint. After provision of expansion joint in the cement concrete slab, the thickness of theslab should be tapered to 10 cm over a length of 3 m towards the flexible pavement. The deficiency of thickness caused due to tapering of the slab should be made up by the asphaltic layers. The quantities of items should be worked out based on the approved design and drawings and priced as per rates given under respective clauses for cement concrete and asphaltic work.													

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			06 : CEMENT CONCRETE PAVEMENTS													
B 6.01			Dry Lean Cement Concrete Sub- base													
		MF	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 150 kg/cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing.	Cum	8219.10	7771.40	7674.30	8078.60	7783.20	7602.70	8595.40	8141.50	8038.20	8454.80	8153.20	7966.60
			Cement Concrete Pavement													
B 6.02		MF	Construction of un-reinforced, dowel jointed, plain cement concrete pavement over a prepared sub base with approved grade cement @ 400 kg per cum, coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures as approved, curing compound, finishing to lines and grades as per drawing	Cum	12471.90	12054.30	11789.80	12323.90	11963.60	11716.70	13026.40	12599.70	12326.10	12878.40	12509.00	12253.00
B 6.03			Transition Section between Rigid and Flexible Pavement													
			Due to change in the properties of materials and type of construction a gradual changeover from rigid to flexible pavement is desirable to avoid any damage at the butting joint. After provision of expansion joint in the cement concrete slab, the thickness of theslab should be tapered to 10 cm over a length of 3 m towards the flexible pavement. The deficiency of thickness caused due to tapering of the slab should be made up by the asphaltic layers. The quantities of items should be worked out based on the approved design and drawings and priced as per rates given under respective clauses for cement concrete and asphaltic work.													

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			06 : CEMENT CONCRETE PAVEMENTS													
B 6.01			Dry Lean Cement Concrete Sub- base													
		MF	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 150 kg/cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing.	Cum	11950.80	11441.90	11283.50	11810.20	11453.60	11212.00	10832.50	10341.90	10201.90	10691.90	10353.60	10130.30
			Cement Concrete Pavement													
B 6.02		MF	Construction of un-reinforced, dowel jointed, plain cement concrete pavement over a prepared sub base with approved grade cement @ 400 kg per cum, coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures as approved, curing compound, finishing to lines and grades as per drawing	Cum	17772.00	17267.50	16916.10	17624.00	17176.80	16843.00	16191.50	15712.90	15387.40	16043.40	15622.20	15314.30
B 6.03			Transition Section between Rigid and Flexible Pavement													
			Due to change in the properties of materials and type of construction a gradual changeover from rigid to flexible pavement is desirable to avoid any damage at the butting joint. After provision of expansion joint in the cement concrete slab, the thickness of theslab should be tapered to 10 cm over a length of 3 m towards the flexible pavement. The deficiency of thickness caused due to tapering of the slab should be made up by the asphaltic layers. The quantities of items should be worked out based on the approved design and drawings and priced as per rates given under respective clauses for cement concrete and asphaltic work.													

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 6.04			Cement - Flyash Dry Lean Cement Concrete Sub- base													
		MF	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, replacing cement by fly ash to the extent of 20 per cent , aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 129 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing.	Cum	7266.80	6934.10	6753.20	7126.20	6846.40	6681.60	6829.60	6504.10	6330.30	6689.00	6416.40	6258.70
B 6.05			Cement - Flyash Concrete Pavement.													
		MF	Construction reinforced-reinforced, dowel jointed, plain cement concrete pavement over a prepared sub base with 43 grade cement, coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, replacing cement by fly ash to the extent of 15 per cent and sand by 10 per cent, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures as approved, curing compound, finishing to lines and grades as per drawing	Cum	10537.30	10153.10	9920.30	10389.90	10063.00	9847.60	9986.10	9610.00	9386.20	9838.60	9519.80	9313.50
B 6.06			Thin White topping													
		MF	Construction of thin white topping with plain cement concrete pavement over existing surface with approve grade cement @ 400 kg per cum and as per IRC SP-76, coarse and fine aggregate conforming to IS 383, maximum size of fine aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction joint, joint filler, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines etc. and grades as per drawing .	Cum	10328.20	9960.20	9730.60	10177.10	9866.50	9654.50	9765.40	9405.60	9185.20	9614.20	9311.90	9109.20

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 6.04			Cement - Flyash Dry Lean Cement Concrete Sub- base													
		MF	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, replacing cement by fly ash to the extent of 20 per cent , aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 129 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing.	Cum	7266.80	6934.10	6753.20	7126.20	6846.40	6681.60	8327.90	7977.80	7779.40	8187.30	7890.10	7707.90
B 6.05			Cement - Flyash Concrete Pavement.													
		MF	Construction reinforced-reinforced, dowel jointed, plain cement concrete pavement over a prepared sub base with 43 grade cement, coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, replacing cement by fly ash to the extent of 15 per cent and sand by 10 per cent, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures as approved, curing compound, finishing to lines and grades as per drawing	Cum	10537.30	10153.10	9920.30	10389.90	10063.00	9847.60	11955.30	11548.80	11292.80	11807.90	11458.70	11220.00
B 6.06			Thin White topping													
		MF	Construction of thin white topping with plain cement concrete pavement over existing surface with approve grade cement @ 400 kg per cum and as per IRC SP-76, coarse and fine aggregate conforming to IS 383, maximum size of fine aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction joint, joint filler, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines etc. and grades as per drawing .	Cum	10328.20	9960.20	9730.60	10177.10	9866.50	9654.50	11745.70	11355.40	11102.60	11594.60	11261.70	11026.50

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 6.04			Cement - Flyash Dry Lean Cement Concrete Sub- base													
		MF	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, replacing cement by fly ash to the extent of 20 per cent , aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 129 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing.	Cum	9269.80	8904.30	8690.40	9129.20	8816.50	8618.90	9052.40	8690.50	8480.20	8911.80	8602.80	8408.70
B 6.05			Cement - Flyash Concrete Pavement.													
		MF	Construction reinforced-reinforced, dowel jointed, plain cement concrete pavement over a prepared sub base with 43 grade cement, coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, replacing cement by fly ash to the extent of 15 per cent and sand by 10 per cent, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures as approved, curing compound, finishing to lines and grades as per drawing	Cum	13191.10	12766.10	12489.70	13043.70	12675.90	12417.00	12905.90	12485.20	12213.50	12758.50	12395.00	12140.80
B 6.06			Thin White topping													
		MF	Construction of thin white topping with plain cement concrete pavement over existing surface with approve grade cement @ 400 kg per cum and as per IRC SP-76, coarse and fine aggregate conforming to IS 383, maximum size of fine aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction joint, joint filler, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines etc. and grades as per drawing .	Cum	13001.70	12592.60	12319.10	12850.60	12498.90	12243.00	12711.90	12307.10	12038.30	12560.70	12213.40	11962.30

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 6.04			Cement - Flyash Dry Lean Cement Concrete Sub- base													
		MF	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, replacing cement by fly ash to the extent of 20 per cent , aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 129 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing.	Cum	7533.90	7196.90	7011.50	7393.30	7109.20	6940.00	9630.00	9258.60	9038.90	9489.40	9170.90	8967.30
B 6.05			Cement - Flyash Concrete Pavement.													
		MF	Construction reinforced-reinforced, dowel jointed, plain cement concrete pavement over a prepared sub base with 43 grade cement, coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, replacing cement by fly ash to the extent of 15 per cent and sand by 10 per cent, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures as approved, curing compound, finishing to lines and grades as per drawing	Cum	10932.20	10541.80	10302.60	10784.80	10451.70	10229.80	13651.30	13218.90	12935.00	13503.90	13128.80	12862.30
B 6.06			Thin White topping													
		MF	Construction of thin white topping with plain cement concrete pavement over existing surface with approve grade cement @ 400 kg per cum and as per IRC SP-76, coarse and fine aggregate conforming to IS 383, maximum size of fine aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction joint, joint filler, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines etc. and grades as per drawing .	Cum	10722.90	10348.60	10112.60	10571.70	10255.00	10036.50	13458.20	13041.70	12760.70	13307.10	12948.00	12684.70

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 6.04			Cement - Flyash Dry Lean Cement Concrete Sub- base													
		MF	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, replacing cement by fly ash to the extent of 20 per cent , aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 129 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing.	Cum	7966.10	7622.00	7429.50	7825.50	7534.30	7358.00	8330.40	7980.30	7781.90	8189.80	7892.60	7710.30
B 6.05			Cement - Flyash Concrete Pavement.													
		MF	Construction reinforced-reinforced, dowel jointed, plain cement concrete pavement over a prepared sub base with 43 grade cement, coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, replacing cement by fly ash to the extent of 15 per cent and sand by 10 per cent, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures as approved, curing compound, finishing to lines and grades as per drawing	Cum	11483.80	11084.50	10836.20	11336.40	10994.30	10763.40	11974.10	11568.00	11311.60	11826.70	11477.80	11238.90
B 6.06			Thin White topping													
		MF	Construction of thin white topping with plain cement concrete pavement over existing surface with approve grade cement @ 400 kg per cum and as per IRC SP-76, coarse and fine aggregate conforming to IS 383, maximum size of fine aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction joint, joint filler, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines etc. and grades as per drawing .	Cum	11269.30	10886.30	10641.20	11118.20	10792.60	10565.10	11779.00	11388.80	11135.40	11627.80	11295.10	11059.30

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 6.04			Cement - Flyash Dry Lean Cement Concrete Sub- base													
		MF	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, replacing cement by fly ash to the extent of 20 per cent , aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 129 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing.	Cum	11577.60	11174.30	10922.60	11437.00	11086.60	10851.10	10495.40	10109.80	9875.90	10354.80	10022.10	9804.30
B 6.05			Cement - Flyash Concrete Pavement.													
		MF	Construction reinforced-reinforced, dowel jointed, plain cement concrete pavement over a prepared sub base with 43 grade cement, coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, replacing cement by fly ash to the extent of 15 per cent and sand by 10 per cent, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures as approved, curing compound, finishing to lines and grades as per drawing	Cum	16154.00	15681.90	15356.90	16006.50	15591.70	15284.20	14761.90	14311.90	14009.80	14614.50	14221.70	13937.00
B 6.06			Thin White topping													
		MF	Construction of thin white topping with plain cement concrete pavement over existing surface with approve grade cement @ 400 kg per cum and as per IRC SP-76, coarse and fine aggregate conforming to IS 383, maximum size of fine aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction joint, joint filler, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines etc. and grades as per drawing .	Cum	15953.80	15497.70	15175.80	15802.60	15404.00	15099.70	14564.40	14130.30	13831.20	14413.20	14036.60	13755.10

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 6.07			Cement- - Fly ash Thin White topping													
		MF	Construction of thin white topping with plain cement concrete pavement over existing surface with approve grade cement @ 340 kg per cum and Flyash as per IRC SP-76, coarse and fine aggregate conforming to IS 383, maximum size of fine aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction joint, joint filler, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines etc. and grades as per drawing .	Cum	10328.20	9960.20	9730.60	10177.10	9866.50	9654.50	9765.40	9405.60	9185.20	9614.20	9311.90	9109.20

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 6.07			Cement- - Fly ash Thin White topping													
		MF	Construction of thin white topping with plain cement concrete pavement over existing surface with approve grade cement @ 340 kg per cum and Flyash as per IRC SP-76, coarse and fine aggregate conforming to IS 383, maximum size of fine aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction joint, joint filler, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines etc. and grades as per drawing .	Cum	10328.20	9960.20	9730.60	10177.10	9866.50	9654.50	11745.70	11355.40	11102.60	11594.60	11261.70	11026.50

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 6.07			Cement- - Fly ash Thin White topping													
		MF	Construction of thin white topping with plain cement concrete pavement over existing surface with approve grade cement @ 340 kg per cum and Flyash as per IRC SP-76, coarse and fine aggregate conforming to IS 383, maximum size of fine aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction joint, joint filler, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines etc. and grades as per drawing .	Cum	13001.70	12592.60	12319.10	12850.60	12498.90	12243.00	12711.90	12307.10	12038.30	12560.70	12213.40	11962.30

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 6.07			Cement- - Fly ash Thin White topping													
		MF	Construction of thin white topping with plain cement concrete pavement over existing surface with approve grade cement @ 340 kg per cum and Flyash as per IRC SP-76, coarse and fine aggregate conforming to IS 383, maximum size of fine aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction joint, joint filler, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines etc. and grades as per drawing .	Cum	10722.90	10348.60	10112.60	10571.70	10255.00	10036.50	13458.20	13041.70	12760.70	13307.10	12948.00	12684.70

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 6.07			Cement- - Fly ash Thin White topping													
		MF	Construction of thin white topping with plain cement concrete pavement over existing surface with approve grade cement @ 340 kg per cum and Flyash as per IRC SP-76, coarse and fine aggregate conforming to IS 383, maximum size of fine aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction joint, joint filler, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines etc. and grades as per drawing .	Cum	11269.30	10886.30	10641.20	11118.20	10792.60	10565.10	11779.00	11388.80	11135.40	11627.80	11295.10	11059.30

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 6.07			Cement- - Fly ash Thin White topping													
		MF	Construction of thin white topping with plain cement concrete pavement over existing surface with approve grade cement @ 340 kg per cum and Flyash as per IRC SP-76, coarse and fine aggregate conforming to IS 383, maximum size of fine aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction joint, joint filler, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines etc. and grades as per drawing .	Cum	15953.80	15497.70	15175.80	15802.60	15404.00	15099.70	14564.40	14130.30	13831.20	14413.20	14036.60	13755.10

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			07: GEOSYNTHETICS AND REINFORCED EARTH													
B 7.01			Sub-Surface Drain with Geotextiles													
			Construction of sub surface drain 200 mm dia using geotextiles treated with carbon black with physical properties as given in clause 702.2.3 formed in to a stable network and a planar geocomposite structure, joints wrapped with geotextile to prevent ingress of soil, all as per clause 702 and approved drawings including excavation and backfilling	Metre	1859.90	1829.40	1798.90	1632.30	1605.50	1578.70	1798.20	1768.70	1739.20	1570.50	1544.80	1519.00
B 7.02			Laying Paving Fabric Beneath a Pavement Overlay													
			Providing and laying paving fabric with physical requirements as per Table 700-16 over a tack coat of paving grade Bitumen 80-100 penetration, laid at the rate of 1 kg per sqm over thoroughly cleaned and repaired surface to provide a water resistant membrane and crack retarding layer. Paving fabric to be free of wrinkling and folding and to be laid before cooling of tack coat, brooming and rolling of surface with pneumatic roller to maximise paving fabric contact with pavement surface	Sqm	310.70	305.60	300.20	308.30	303.20	297.90	294.80	289.90	284.80	292.40	287.60	282.50
B 7.03			Laying Boulder Apron in Crates of Synthetic Geogrids													
			Providing, preparing and laying of geogrid crated apron 1 m x 5 m, 600 mm thick including excavation and backfilling with baffles at 1 metre interval, made with geogrids having characteristics as per clause 703.2, joining sides with connectors/ring staples, top corners to be tie tensioned, placing of suitable cross interval ties in layers of 300 mm connecting opposite side with lateral braces and tied with polymer braids to avoid bulging, constructed as per clause 703.3. filled with stone with minimum size of 200 mm and specific gravity not less than 2.65, packed with stone spalls, keyed to the foundation recess in case of sloping ground and laid over a layer of geotextile to prevent migration of fines, all as per clause 703 and laid as per clause 2503.3 and approved design.	Cum	8531.10	8391.20	8251.30	8324.00	8187.50	8051.10	8163.80	8029.90	7896.10	7956.70	7826.30	7695.80

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			07: GEOSYNTHETICS AND REINFORCED EARTH													
B 7.01			Sub-Surface Drain with Geotextiles													
			Construction of sub surface drain 200 mm dia using geotextiles treated with carbon black with physical properties as given in clause 702.2.3 formed in to a stable network and a planar geocomposite structure, joints wrapped with geotextile to prevent ingress of soil, all as per clause 702 and approved drawings including excavation and backfilling	Metre	1859.90	1829.40	1798.90	1632.30	1605.50	1578.70	1921.70	1890.20	1858.70	1694.00	1666.20	1638.50
B 7.02			Laying Paving Fabric Beneath a Pavement Overlay													
			Providing and laying paving fabric with physical requirements as per Table 700-16 over a tack coat of paving grade Bitumen 80-100 penetration, laid at the rate of 1 kg per sqm over thoroughly cleaned and repaired surface to provide a water resistant membrane and crack retarding layer. Paving fabric to be free of wrinkling and folding and to be laid before cooling of tack coat, brooming and rolling of surface with pneumatic roller to maximise paving fabric contact with pavement surface	Sqm	310.70	305.60	300.20	308.30	303.20	297.90	327.00	321.60	316.00	324.60	319.30	313.60
B 7.03			Laying Boulder Apron in Crates of Synthetic Geogrids													
			Providing, preparing and laying of geogrid crated apron 1 m x 5 m, 600 mm thick including excavation and backfilling with baffles at 1 metre interval, made with geogrids having characteristics as per clause 703.2, joining sides with connectors/ring staples, top corners to be tie tensioned, placing of suitable cross interval ties in layers of 300 mm connecting opposite side with lateral braces and tied with polymer braids to avoid bulging, constructed as per clause 703.3. filled with stone with minimum size of 200 mm and specific gravity not less than 2.65, packed with stone spalls, keyed to the foundation recess in case of sloping ground and laid over a layer of geotextile to prevent migration of fines, all as per clause 703 and laid as per clause 2503.3 and approved design.	Cum	8531.10	8391.20	8251.30	8324.00	8187.50	8051.10	8898.30	8752.50	8606.60	8691.30	8548.80	8406.30

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			07: GEOSYNTHETICS AND REINFORCED EARTH													
B 7.01			Sub-Surface Drain with Geotextiles													
			Construction of sub surface drain 200 mm dia using geotextiles treated with carbon black with physical properties as given in clause 702.2.3 formed in to a stable network and a planar geocomposite structure, joints wrapped with geotextile to prevent ingress of soil, all as per clause 702 and approved drawings including excavation and backfilling	Metre	2036.30	2002.90	1969.50	1808.60	1779.00	1749.30	2009.80	1976.90	1944.00	1782.20	1753.00	1723.80
B 7.02			Laying Paving Fabric Beneath a Pavement Overlay													
			Providing and laying paving fabric with physical requirements as per Table 700-16 over a tack coat of paving grade Bitumen 80-100 penetration, laid at the rate of 1 kg per sqm over thoroughly cleaned and repaired surface to provide a water resistant membrane and crack retarding layer. Paving fabric to be free of wrinkling and folding and to be laid before cooling of tack coat, brooming and rolling of surface with pneumatic roller to maximise paving fabric contact with pavement surface	Sqm	356.20	350.40	344.30	353.90	348.10	342.00	349.50	343.80	337.70	347.10	341.40	335.40
B 7.03			Laying Boulder Apron in Crates of Synthetic Geogrids													
			Providing, preparing and laying of geogrid crated apron 1 m x 5 m, 600 mm thick including excavation and backfilling with baffles at 1 metre interval, made with geogrids having characteristics as per clause 703.2, joining sides with connectors/ring staples, top corners to be tie tensioned, placing of suitable cross interval ties in layers of 300 mm connecting opposite side with lateral braces and tied with polymer braids to avoid bulging, constructed as per clause 703.3. filled with stone with minimum size of 200 mm and specific gravity not less than 2.65, packed with stone spalls, keyed to the foundation recess in case of sloping ground and laid over a layer of geotextile to prevent migration of fines, all as per clause 703 and laid as per clause 2503.3 and approved design.	Cum	9580.50	9423.40	9266.30	9373.40	9219.70	9066.10	9423.00	9268.60	9114.10	9216.00	9064.90	8913.80

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			07: GEOSYNTHETICS AND REINFORCED EARTH													
B 7.01			Sub-Surface Drain with Geotextiles													
			Construction of sub surface drain 200 mm dia using geotextiles treated with carbon black with physical properties as given in clause 702.2.3 formed in to a stable network and a planar geocomposite structure, joints wrapped with geotextile to prevent ingress of soil, all as per clause 702 and approved drawings including excavation and backfilling	Metre	1877.60	1846.80	1816.00	1649.90	1622.90	1595.80	2045.10	2011.60	1978.10	1817.50	1787.70	1757.90
B 7.02			Laying Paving Fabric Beneath a Pavement Overlay													
			Providing and laying paving fabric with physical requirements as per Table 700-16 over a tack coat of paving grade Bitumen 80-100 penetration, laid at the rate of 1 kg per sqm over thoroughly cleaned and repaired surface to provide a water resistant membrane and crack retarding layer. Paving fabric to be free of wrinkling and folding and to be laid before cooling of tack coat, brooming and rolling of surface with pneumatic roller to maximise paving fabric contact with pavement surface	Sqm	314.90	309.80	304.30	312.50	307.40	302.00	359.00	353.10	347.00	356.60	350.80	344.70
B 7.03			Laying Boulder Apron in Crates of Synthetic Geogrids													
			Providing, preparing and laying of geogrid crated apron 1 m x 5 m, 600 mm thick including excavation and backfilling with baffles at 1 metre interval, made with geogrids having characteristics as per clause 703.2, joining sides with connectors/ring staples, top corners to be tie tensioned, placing of suitable cross interval ties in layers of 300 mm connecting opposite side with lateral braces and tied with polymer braids to avoid bulging, constructed as per clause 703.3. filled with stone with minimum size of 200 mm and specific gravity not less than 2.65, packed with stone spalls, keyed to the foundation recess in case of sloping ground and laid over a layer of geotextile to prevent migration of fines, all as per clause 703 and laid as per clause 2503.3 and approved design.	Cum	8636.00	8494.40	8352.80	8428.90	8290.80	8152.60	9632.90	9475.00	9317.10	9425.90	9271.40	9116.80

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			07: GEOSYNTHETICS AND REINFORCED EARTH													
B 7.01			Sub-Surface Drain with Geotextiles													
			Construction of sub surface drain 200 mm dia using geotextiles treated with carbon black with physical properties as given in clause 702.2.3 formed in to a stable network and a planar geocomposite structure, joints wrapped with geotextile to prevent ingress of soil, all as per clause 702 and approved drawings including excavation and backfilling	Metre	1886.40	1855.50	1824.50	1658.70	1631.50	1604.30	1965.80	1933.50	1901.30	1738.10	1709.60	1681.10
B 7.02			Laying Paving Fabric Beneath a Pavement Overlay													
			Providing and laying paving fabric with physical requirements as per Table 700-16 over a tack coat of paving grade Bitumen 80-100 penetration, laid at the rate of 1 kg per sqm over thoroughly cleaned and repaired surface to provide a water resistant membrane and crack retarding layer. Paving fabric to be free of wrinkling and folding and to be laid before cooling of tack coat, brooming and rolling of surface with pneumatic roller to maximise paving fabric contact with pavement surface	Sqm	317.80	312.60	307.10	315.40	310.30	304.80	337.60	332.00	326.20	335.20	329.70	323.90
B 7.03			Laying Boulder Apron in Crates of Synthetic Geogrids													
			Providing, preparing and laying of geogrid crated apron 1 m x 5 m, 600 mm thick including excavation and backfilling with baffles at 1 metre interval, made with geogrids having characteristics as per clause 703.2, joining sides with connectors/ring staples, top corners to be tie tensioned, placing of suitable cross interval ties in layers of 300 mm connecting opposite side with lateral braces and tied with polymer braids to avoid bulging, constructed as per clause 703.3. filled with stone with minimum size of 200 mm and specific gravity not less than 2.65, packed with stone spalls, keyed to the foundation recess in case of sloping ground and laid over a layer of geotextile to prevent migration of fines, all as per clause 703 and laid as per clause 2503.3 and approved design.	Cum	8688.50	8546.00	8403.60	8481.40	8342.40	8203.30	9160.70	9010.50	8860.30	8953.60	8806.90	8660.10

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			07: GEOSYNTHETICS AND REINFORCED EARTH													
B 7.01			Sub-Surface Drain with Geotextiles													
			Construction of sub surface drain 200 mm dia using geotextiles treated with carbon black with physical properties as given in clause 702.2.3 formed in to a stable network and a planar geocomposite structure, joints wrapped with geotextile to prevent ingress of soil, all as per clause 702 and approved drawings including excavation and backfilling	Metre	2133.30	2098.30	2063.40	1905.70	1874.40	1843.20	2080.40	2046.30	2012.20	1852.70	1822.40	1792.00
B 7.02			Laying Paving Fabric Beneath a Pavement Overlay													
			Providing and laying paving fabric with physical requirements as per Table 700-16 over a tack coat of paving grade Bitumen 80-100 penetration, laid at the rate of 1 kg per sqm over thoroughly cleaned and repaired surface to provide a water resistant membrane and crack retarding layer. Paving fabric to be free of wrinkling and folding and to be laid before cooling of tack coat, brooming and rolling of surface with pneumatic roller to maximise paving fabric contact with pavement surface	Sqm	383.80	377.50	370.90	381.40	375.10	368.60	369.10	363.00	356.70	366.70	360.70	354.40
B 7.03			Laying Boulder Apron in Crates of Synthetic Geogrids													
			Providing, preparing and laying of geogrid crated apron 1 m x 5 m, 600 mm thick including excavation and backfilling with baffles at 1 metre interval, made with geogrids having characteristics as per clause 703.2, joining sides with connectors/ring staples, top corners to be tie tensioned, placing of suitable cross interval ties in layers of 300 mm connecting opposite side with lateral braces and tied with polymer braids to avoid bulging, constructed as per clause 703.3. filled with stone with minimum size of 200 mm and specific gravity not less than 2.65, packed with stone spalls, keyed to the foundation recess in case of sloping ground and laid over a layer of geotextile to prevent migration of fines, all as per clause 703 and laid as per clause 2503.3 and approved design.	Cum	10157.60	9991.10	9824.60	9950.60	9787.50	9624.30	9842.80	9681.40	9520.10	9635.80	9477.80	9319.80

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.04			Reinforced Earth Structures													
			Reinforced earth Structures have four main components as under: a) Excavation for foundation, foundation concrete and cement concrete grooved seating in the foundation for facing elements (facia material). b) Facia material and its placement. c) Assembling, joining with facing elements and laying of the reinforcing elements. d) Earth fill with granular material which is to be retained by the wall.													
			<i>Each component is analysed separately as under: considering Average height of wall = 8 meter</i>													
B 7.04	(i)		Assembling, joining with facing elements and laying of the reinforcing elements.													
	A		With reinforcing element of steel / Aluminium strips / polymeric strips.													
		1	Galvanised carbon steel strips	Metre	339.30	333.70	328.20	336.20	330.70	325.20	317.90	312.70	307.50	314.80	309.70	304.50
			OR													
		2	Copper Strips	Metre	348.40	342.70	336.90	345.30	339.60	334.00	326.40	321.00	315.70	323.30	318.00	312.70
			OR													
		3	Aluminium strips	Metre	357.40	351.60	345.70	354.40	348.50	342.70	334.90	329.40	323.90	331.80	326.30	320.90
			OR													
		4	Stainless steel strips	Metre	339.30	333.70	328.20	336.20	330.70	325.20	317.90	312.70	307.50	314.80	309.70	304.50
			OR													
		5	Glass reinforced polymer/fibre reinforced polymer/polymeric strips	Metre	284.80	280.10	275.50	281.70	277.10	272.50	267.00	262.60	258.20	263.90	259.60	255.30
	B		With reinforcing elements of synthetic geogrids	Sqm	304.70	299.70	294.70	300.00	295.10	290.20	286.00	281.30	276.60	281.30	276.70	272.10
B 7.04	(ii)		Facing elements of RCC	Sqm	3002.30	2903.70	2846.50	3002.70	2914.40	2860.40	2868.90	2772.60	2717.70	2869.30	2783.40	2731.60
B 7.05	(i)		Supplying and laying of Bi-Axial extruded High Modulus PolyPropylene Geogrid confirming to MORT&H specification for base and sub-base reinforcement having minimum tensile strength 15 kN/m in the longitudinal and transverse direction, with 5KN/m and 7 kN/m tensile strength at 2% and 5% strain respectively in the longitudinal and transverse direction, junction efficiency not less than 95% and with 38mm X 38mm mesh opening	Sqm	208.90	205.50	202.10	204.30	200.90	197.60	196.50	193.20	190.00	191.80	188.70	185.50

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.04			Reinforced Earth Structures													
			Reinforced earth Structures have four main components as under: a) Excavation for foundation, foundation concrete and cement concrete grooved seating in the foundation for facing elements (facia material). b) Facia material and its placement. c) Assembling, joining with facing elements and laying of the reinforcing elements. d) Earth fill with granular material which is to be retained by the wall.													
			<i>Each component is analysed separately as under: considering Average height of wall = 8 meter</i>													
B 7.04	(i)		Assembling, joining with facing elements and laying of the reinforcing elements.													
	A		With reinforcing element of steel / Aluminium strips / polymeric strips.													
		1	Galvanised carbon steel strips	Metre	339.30	333.70	328.20	336.20	330.70	325.20	360.70	354.80	348.80	357.60	351.70	345.90
			OR													
		2	Copper Strips	Metre	348.40	342.70	336.90	345.30	339.60	334.00	370.30	364.30	358.20	367.30	361.20	355.20
			OR													
		3	Aluminium strips	Metre	357.40	351.60	345.70	354.40	348.50	342.70	380.00	373.80	367.60	376.90	370.70	364.60
			OR													
		4	Stainless steel strips	Metre	339.30	333.70	328.20	336.20	330.70	325.20	360.70	354.80	348.80	357.60	351.70	345.90
			OR													
		5	Glass reinforced polymer/fibre reinforced polymer/polymeric strips	Metre	284.80	280.10	275.50	281.70	277.10	272.50	302.60	297.70	292.70	299.50	294.60	289.70
	B		With reinforcing elements of synthetic geogrids	Sqm	304.70	299.70	294.70	300.00	295.10	290.20	323.40	318.10	312.80	318.70	313.50	308.30
B 7.04	(ii)		Facing elements of RCC	Sqm	3002.30	2903.70	2846.50	3002.70	2914.40	2860.40	3343.80	3239.00	3176.30	3344.20	3249.80	3190.20
B 7.05	(i)		Supplying and laying of Bi-Axial extruded High Modulus PolyPropylene Geogrid confirming to MORT&H specification for base and sub-base reinforcement having minimum tensile strength 15 kN/m in the longitudinal and transverse direction, with 5kN/m and 7 kN/m tensile strength at 2% and 5% strain respectively in the longitudinal and transverse direction, junction efficiency not less than 95% and with 38mm X 38mm mesh opening	Sqm	208.90	205.50	202.10	204.30	200.90	197.60	221.40	217.70	214.10	216.70	213.20	209.60

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.04			Reinforced Earth Structures													
			Reinforced earth Structures have four main components as under: a) Excavation for foundation, foundation concrete and cement concrete grooved seating in the foundation for facing elements (facia material). b) Facia material and its placement. c) Assembling, joining with facing elements and laying of the reinforcing elements. d) Earth fill with granular material which is to be retained by the wall.													
			<i>Each component is analysed separately as under: considering Average height of wall = 8 meter</i>													
B 7.04	(i)		Assembling, joining with facing elements and laying of the reinforcing elements.													
	A		With reinforcing element of steel / Aluminium strips / polymeric strips.													
		1	Galvanised carbon steel strips	Metre	400.40	393.80	387.30	397.30	390.80	384.30	391.20	384.80	378.40	388.10	381.80	375.40
			OR													
		2	Copper Strips	Metre	411.20	404.40	397.70	408.10	401.40	394.70	401.70	395.20	388.60	398.60	392.10	385.60
			OR													
		3	Aluminium strips	Metre	421.90	415.00	408.10	418.80	412.00	405.10	412.30	405.50	398.70	409.20	402.50	395.80
			OR													
		4	Stainless steel strips	Metre	400.40	393.80	387.30	397.30	390.80	384.30	391.20	384.80	378.40	388.10	381.80	375.40
			OR													
		5	Glass reinforced polymer/fibre reinforced polymer/polymeric strips	Metre	335.70	330.20	324.70	332.60	327.20	321.70	328.10	322.70	317.30	325.00	319.70	314.30
	B		With reinforcing elements of synthetic geogrids	Sqm	358.10	352.20	346.40	353.50	347.70	341.90	350.10	344.40	338.60	345.50	339.80	334.10
B 7.04	(ii)		Facing elements of RCC	Sqm	3642.70	3532.50	3464.90	3643.10	3543.30	3478.80	3573.70	3464.80	3398.30	3574.20	3475.60	3412.20
B 7.05	(i)		Supplying and laying of Bi-Axial extruded High Modulus PolyPropylene Geogrid confirming to MORT&H specification for base and sub-base reinforcement having minimum tensile strength 15 kN/m in the longitudinal and transverse direction, with 5KN/m and 7 kN/m tensile strength at 2% and 5% strain respectively in the longitudinal and transverse direction, junction efficiency not less than 95% and with 38mm X 38mm mesh opening	Sqm	244.50	240.50	236.40	239.80	235.90	232.00	239.10	235.20	231.30	234.50	230.60	226.80

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.04			Reinforced Earth Structures													
			Reinforced earth Structures have four main components as under: a) Excavation for foundation, foundation concrete and cement concrete grooved seating in the foundation for facing elements (facia material). b) Facia material and its placement. c) Assembling, joining with facing elements and laying of the reinforcing elements. d) Earth fill with granular material which is to be retained by the wall.													
			<i>Each component is analysed separately as under: considering Average height of wall = 8 meter</i>													
B 7.04	(i)		Assembling, joining with facing elements and laying of the reinforcing elements.													
	A		With reinforcing element of steel / Aluminium strips / polymeric strips.													
		1	Galvanised carbon steel strips	Metre	345.40	339.70	334.10	342.30	336.70	331.10	403.40	396.80	390.20	400.30	393.80	387.20
			OR													
		2	Copper Strips	Metre	354.60	348.80	343.00	351.60	345.80	340.00	414.30	407.50	400.70	411.20	404.50	397.70
			OR													
		3	Aluminium strips	Metre	363.90	357.90	352.00	360.80	354.90	349.00	425.20	418.20	411.20	422.10	415.10	408.20
			OR													
		4	Stainless steel strips	Metre	345.40	339.70	334.10	342.30	336.70	331.10	403.40	396.80	390.20	400.30	393.80	387.20
			OR													
		5	Glass reinforced polymer/fibre reinforced polymer/polymeric strips	Metre	289.90	285.20	280.40	286.80	282.10	277.40	338.30	332.70	327.20	335.20	329.70	324.20
	B		With reinforcing elements of synthetic geogrids	Sqm	310.00	304.90	299.80	305.40	300.40	295.40	360.80	354.90	349.00	356.20	350.30	344.50
B 7.04	(ii)		Facing elements of RCC	Sqm	3098.60	2998.20	2939.50	3099.00	3008.90	2953.40	3752.60	3640.40	3571.00	3753.00	3651.20	3584.90
B 7.05	(i)		Supplying and laying of Bi-Axial extruded High Modulus PolyPropylene Geogrid confirming to MORT&H specification for base and sub-base reinforcement having minimum tensile strength 15 kN/m in the longitudinal and transverse direction, with 5KN/m and 7 kN/m tensile strength at 2% and 5% strain respectively in the longitudinal and transverse direction, junction efficiency not less than 95% and with 38mm X 38mm mesh opening	Sqm	212.50	209.00	205.50	207.80	204.40	201.00	246.20	242.20	238.20	241.60	237.60	233.70

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.04			Reinforced Earth Structures													
			Reinforced earth Structures have four main components as under: a) Excavation for foundation, foundation concrete and cement concrete grooved seating in the foundation for facing elements (facia material). b) Facia material and its placement. c) Assembling, joining with facing elements and laying of the reinforcing elements. d) Earth fill with granular material which is to be retained by the wall.													
			<i>Each component is analysed separately as under: considering Average height of wall = 8 meter</i>													
B 7.04	(i)		Assembling, joining with facing elements and laying of the reinforcing elements.													
	A		With reinforcing element of steel / Aluminium strips / polymeric strips.													
		1	Galvanised carbon steel strips	Metre	348.50	342.70	337.00	345.40	339.70	334.00	375.90	369.80	363.60	372.90	366.70	360.60
			OR													
		2	Copper Strips	Metre	357.80	351.90	346.10	354.70	348.90	343.10	386.00	379.70	373.40	382.90	376.70	370.40
			OR													
		3	Aluminium strips	Metre	367.10	361.10	355.10	364.00	358.10	352.10	396.10	389.60	383.10	393.00	386.60	380.20
			OR													
		4	Stainless steel strips	Metre	348.50	342.70	337.00	345.40	339.70	334.00	375.90	369.80	363.60	372.90	366.70	360.60
			OR													
		5	Glass reinforced polymer/fibre reinforced polymer/polymeric strips	Metre	292.50	287.70	282.90	289.40	284.60	279.90	315.40	310.20	305.00	312.30	307.20	302.00
	B		With reinforcing elements of synthetic geogrids	Sqm	312.70	307.60	302.40	308.00	303.00	297.90	336.70	331.20	325.70	332.10	326.70	321.20
B 7.04	(ii)		Facing elements of RCC	Sqm	3230.20	3127.40	3066.50	3230.60	3138.20	3080.40	3350.20	3245.30	3182.50	3350.60	3256.10	3196.40
B 7.05	(i)		Supplying and laying of Bi-Axial extruded High Modulus PolyPropylene Geogrid confirming to MORT&H specification for base and sub-base reinforcement having minimum tensile strength 15 kN/m in the longitudinal and transverse direction, with 5KN/m and 7 kN/m tensile strength at 2% and 5% strain respectively in the longitudinal and transverse direction, junction efficiency not less than 95% and with 38mm X 38mm mesh opening	Sqm	214.20	210.70	207.20	209.60	206.20	202.70	230.20	226.50	222.70	225.60	221.90	218.20

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.04			Reinforced Earth Structures													
			Reinforced earth Structures have four main components as under: a) Excavation for foundation, foundation concrete and cement concrete grooved seating in the foundation for facing elements (facia material). b) Facia material and its placement. c) Assembling, joining with facing elements and laying of the reinforcing elements. d) Earth fill with granular material which is to be retained by the wall.													
			<i>Each component is analysed separately as under: considering Average height of wall = 8 meter</i>													
B 7.04	(i)		Assembling, joining with facing elements and laying of the reinforcing elements.													
	A		With reinforcing element of steel / Aluminium strips / polymeric strips.													
		1	Galvanised carbon steel strips	Metre	434.00	426.90	419.70	430.90	423.80	416.80	415.70	408.80	402.00	412.60	405.80	399.00
			OR													
		2	Copper Strips	Metre	445.70	438.40	431.10	442.60	435.30	428.10	426.90	419.90	412.90	423.80	416.80	409.90
			OR													
		3	Aluminium strips	Metre	457.40	449.90	442.40	454.30	446.90	439.40	438.10	430.90	423.70	435.00	427.80	420.70
			OR													
		4	Stainless steel strips	Metre	434.00	426.90	419.70	430.90	423.80	416.80	415.70	408.80	402.00	412.60	405.80	399.00
			OR													
		5	Glass reinforced polymer/fibre reinforced polymer/polymeric strips	Metre	363.70	357.80	351.80	360.60	354.70	348.80	348.50	342.70	337.00	345.40	339.70	334.00
	B		With reinforcing elements of synthetic geogrids	Sqm	387.50	381.20	374.80	382.90	376.60	370.30	371.50	365.40	359.30	366.80	360.80	354.80
B 7.04	(ii)		Facing elements of RCC	Sqm	4351.70	4228.80	4149.60	4352.10	4239.60	4163.50	4018.30	3901.40	3827.60	4018.70	3912.10	3841.50
B 7.05	(i)		Supplying and laying of Bi-Axial extruded High Modulus PolyPropylene Geogrid confirming to MORT&H specification for base and sub-base reinforcement having minimum tensile strength 15 kN/m in the longitudinal and transverse direction, with 5KN/m and 7 kN/m tensile strength at 2% and 5% strain respectively in the longitudinal and transverse direction, junction efficiency not less than 95% and with 38mm X 38mm mesh opening	Sqm	264.00	259.70	255.40	259.40	255.10	250.90	253.40	249.20	245.00	248.70	244.60	240.60

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.05	(ii)		Supplying and laying of Bi-Axial extruded High Modulus PolyPropylene Geogrid confirming to MORT&H specification for base and sub-base reinforcement having minimum tensile strength 20 kN/m in the longitudinal and transverse direction, with 7kN/m and 14kN/m tensile strength at 2% and 5% strain respectively in the longitudinal and transverse direction, junction efficiency not less than 95% and with 38mm X 38mm mesh opening	Sqm	237.40	233.50	229.70	232.80	229.00	225.20	223.10	219.50	215.80	218.50	214.90	211.30
	(iii)		Supplying and laying of Bi-Axial extruded High Modulus PolyPropylene Geogrid confirming to MORT&H specification for base and sub-base reinforcement having minimum tensile strength 30 kN/m in the longitudinal and transverse direction, with 10.5kN/m and 21kN/m tensile strength at 2% and 5% strain respectively in the longitudinal and transverse direction, junction efficiency not less than 95% and with 38mm X 38mm mesh opening	Sqm	370.60	364.50	358.40	334.00	328.50	323.00	347.60	341.90	336.20	313.00	307.90	302.80
	(iv)		Supplying and laying of Bi-Axial extruded High Modulus PolyPropylene Geogrid confirming to MORT&H specification for base and sub-base reinforcement having minimum tensile strength 40 kN/m in the longitudinal and transverse direction, with 14kN/m and 28kN/m tensile strength at 2% and 5% strain respectively in the longitudinal and transverse direction, junction efficiency not less than 95% and with 38mm X 38mm mesh opening	Sqm	541.80	532.90	524.00	537.20	528.30	519.50	507.60	499.20	490.90	502.90	494.70	486.40
B 7.06			Supplying and laying high strength flexible geogrids (HSFG) as soil reinforcement / basal reinforcement as per MORTH 3100 and IRC 113, made of high tenacity polyester core with polyethylene coating with minimum Long Term Design Strength (LTDS) of more than 50% of ultimate tensile strength at 30 degree Celcius corresponding to 12 % strain etc. complete and as directed by Engineer - In - Charge.													
	(i)		Synthetic Geogrid Ultimate tensile strength - 100 kN/m	Sqm	479.00	471.20	463.30	474.40	466.60	458.80	448.90	441.50	434.20	444.30	437.00	429.70
	(ii)		Synthetic Geogrid Ultimate tensile strength- 150 kN/m	Sqm	499.90	491.70	483.50	495.30	487.20	479.10	468.50	460.80	453.10	463.80	456.20	448.60
	(iii)		Synthetic Geogrid Ultimate tensile strength- 200 kN/m	Sqm	688.30	677.00	665.70	683.60	672.40	661.20	644.50	633.90	623.30	639.80	629.30	618.80
	(iv)		Synthetic Geogrid Ultimate tensile strength- 250 kN/m	Sqm	761.50	749.00	736.50	756.90	744.40	732.00	712.90	701.20	689.50	708.30	696.60	685.00
	(v)		Synthetic Geogrid Ultimate tensile strength- 300 kN/m	Sqm	782.40	769.60	756.80	777.80	765.00	752.30	732.50	720.40	708.40	727.80	715.90	704.00
	(vi)		Synthetic Geogrid Ultimate tensile strength- 350 kN/m	Sqm	792.90	779.90	766.90	788.20	775.30	762.40	742.20	730.10	717.90	737.60	725.50	713.40
	(vii)		Synthetic Geogrid Ultimate tensile strength- 400 kN/m	Sqm	1012.60	996.00	979.40	1007.90	991.40	974.90	947.60	932.00	916.50	942.90	927.50	912.00
	(viii)		Synthetic Geogrid Ultimate tensile strength- 500 kN/m	Sqm	1138.10	1119.50	1100.80	1133.50	1114.90	1096.30	1064.90	1047.40	1030.00	1060.30	1042.90	1025.50
	(ix)		Synthetic Geogrid Ultimate tensile strength- 600 kN/m	Sqm	1169.50	1150.30	1131.20	1164.90	1145.80	1126.70	1094.20	1076.30	1058.30	1089.60	1071.70	1053.90
	(x)		Synthetic Geogrid Ultimate tensile strength- 800 kN/m	Sqm	1452.00	1428.20	1404.40	1447.30	1423.60	1399.90	1358.20	1335.90	1313.70	1353.60	1331.40	1309.20
	(xi)		Synthetic Geogrid Ultimate tensile strength- 900 kN/m	Sqm	1588.00	1562.00	1535.90	1583.30	1557.40	1531.40	1485.30	1461.00	1436.60	1480.70	1456.40	1432.10
	(xii)		Synthetic Geogrid Ultimate tensile strength- 1000 kN/m	Sqm	1901.80	1870.70	1839.50	1897.20	1866.10	1835.00	1778.60	1749.50	1720.30	1774.00	1744.90	1715.80
	(xiii)		Synthetic Geogrid Ultimate tensile strength- 1100 kN/m	Sqm	2163.40	2127.90	2092.50	2158.80	2123.40	2088.00	2023.10	1989.90	1956.80	2018.40	1985.40	1952.30
	(xiv)		Synthetic Geogrid Ultimate tensile strength- 1200 kN/m	Sqm	2111.10	2076.50	2041.90	2106.40	2071.90	2037.40	1974.20	1941.80	1909.50	1969.60	1937.30	1905.00

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.05	(ii)		Supplying and laying of Bi-Axial extruded High Modulus PolyPropylene Geogrid confirming to MORT&H specification for base and sub-base reinforcement having minimum tensile strength 20 kN/m in the longitudinal and transverse direction, with 7kN/m and 14kN/m tensile strength at 2% and 5% strain respectively in the longitudinal and transverse direction, junction efficiency not less than 95% and with 38mm X 38mm mesh opening	Sqm	237.40	233.50	229.70	232.80	229.00	225.20	251.80	247.60	243.50	247.10	243.10	239.00
	(iii)		Supplying and laying of Bi-Axial extruded High Modulus PolyPropylene Geogrid confirming to MORT&H specification for base and sub-base reinforcement having minimum tensile strength 30 kN/m in the longitudinal and transverse direction, with 10.5kN/m and 21kN/m tensile strength at 2% and 5% strain respectively in the longitudinal and transverse direction, junction efficiency not less than 95% and with 38mm X 38mm mesh opening	Sqm	370.60	364.50	358.40	334.00	328.50	323.00	393.60	387.20	380.70	354.90	349.10	343.30
	(iv)		Supplying and laying of Bi-Axial extruded High Modulus PolyPropylene Geogrid confirming to MORT&H specification for base and sub-base reinforcement having minimum tensile strength 40 kN/m in the longitudinal and transverse direction, with 14kN/m and 28kN/m tensile strength at 2% and 5% strain respectively in the longitudinal and transverse direction, junction efficiency not less than 95% and with 38mm X 38mm mesh opening	Sqm	541.80	532.90	524.00	537.20	528.30	519.50	576.00	566.60	557.10	571.40	562.00	552.60
B 7.06			Supplying and laying high strength flexible geogrids (HSFG) as soil reinforcement / basal reinforcement as per MORTH 3100 and IRC 113, made of high tenacity polyester core with polyethylene coating with minimum Long Term Design Strength (LTDS) of more than 50% of ultimate tensile strength at 30 degree Celcius corresponding to 12 % strain etc. complete and as directed by Engineer - In - Charge.													
	(i)		Synthetic Geogrid Ultimate tensile strength - 100 kN/m	Sqm	479.00	471.20	463.30	474.40	466.60	458.80	509.10	500.80	492.40	504.50	496.20	488.00
	(ii)		Synthetic Geogrid Ultimate tensile strength- 150 kN/m	Sqm	499.90	491.70	483.50	495.30	487.20	479.10	531.40	522.70	514.00	526.80	518.20	509.50
	(iii)		Synthetic Geogrid Ultimate tensile strength- 200 kN/m	Sqm	688.30	677.00	665.70	683.60	672.40	661.20	732.10	720.10	708.10	727.40	715.50	703.60
	(iv)		Synthetic Geogrid Ultimate tensile strength- 250 kN/m	Sqm	761.50	749.00	736.50	756.90	744.40	732.00	810.10	796.80	783.50	805.40	792.20	779.00
	(v)		Synthetic Geogrid Ultimate tensile strength- 300 kN/m	Sqm	782.40	769.60	756.80	777.80	765.00	752.30	832.40	818.70	805.10	827.70	814.20	800.60
	(vi)		Synthetic Geogrid Ultimate tensile strength- 350 kN/m	Sqm	792.90	779.90	766.90	788.20	775.30	762.40	843.50	829.70	815.90	838.90	825.10	811.40
	(vii)		Synthetic Geogrid Ultimate tensile strength- 400 kN/m	Sqm	1012.60	996.00	979.40	1007.90	991.40	974.90	1077.60	1059.90	1042.30	1073.00	1055.40	1037.80
	(viii)		Synthetic Geogrid Ultimate tensile strength- 500 kN/m	Sqm	1138.10	1119.50	1100.80	1133.50	1114.90	1096.30	1211.40	1191.50	1171.60	1206.70	1186.90	1167.20
	(ix)		Synthetic Geogrid Ultimate tensile strength- 600 kN/m	Sqm	1169.50	1150.30	1131.20	1164.90	1145.80	1126.70	1244.80	1224.40	1204.00	1240.20	1219.80	1199.50
	(x)		Synthetic Geogrid Ultimate tensile strength- 800 kN/m	Sqm	1452.00	1428.20	1404.40	1447.30	1423.60	1399.90	1545.70	1520.40	1495.10	1541.10	1515.80	1490.60
	(xi)		Synthetic Geogrid Ultimate tensile strength- 900 kN/m	Sqm	1588.00	1562.00	1535.90	1583.30	1557.40	1531.40	1690.70	1662.90	1635.20	1686.00	1658.40	1630.70
	(xii)		Synthetic Geogrid Ultimate tensile strength- 1000 kN/m	Sqm	1901.80	1870.70	1839.50	1897.20	1866.10	1835.00	2025.00	1991.80	1958.60	2020.40	1987.30	1954.20
	(xiii)		Synthetic Geogrid Ultimate tensile strength- 1100 kN/m	Sqm	2163.40	2127.90	2092.50	2158.80	2123.40	2088.00	2303.70	2265.90	2228.20	2299.10	2261.40	2223.70
	(xiv)		Synthetic Geogrid Ultimate tensile strength- 1200 kN/m	Sqm	2111.10	2076.50	2041.90	2106.40	2071.90	2037.40	2248.00	2211.10	2174.30	2243.30	2206.60	2169.80

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.05	(ii)		Supplying and laying of Bi-Axial extruded High Modulus PolyPropylene Geogrid confirming to MORT&H specification for base and sub-base reinforcement having minimum tensile strength 20 kN/m in the longitudinal and transverse direction, with 7kN/m and 14kN/m tensile strength at 2% and 5% strain respectively in the longitudinal and transverse direction, junction efficiency not less than 95% and with 38mm X 38mm mesh opening	Sqm	278.30	273.80	269.20	273.70	269.20	264.70	272.20	267.70	263.30	267.60	263.20	258.80
	(iii)		Supplying and laying of Bi-Axial extruded High Modulus PolyPropylene Geogrid confirming to MORT&H specification for base and sub-base reinforcement having minimum tensile strength 30 kN/m in the longitudinal and transverse direction, with 10.5kN/m and 21kN/m tensile strength at 2% and 5% strain respectively in the longitudinal and transverse direction, junction efficiency not less than 95% and with 38mm X 38mm mesh opening	Sqm	436.40	429.20	422.10	393.80	387.30	380.90	426.50	419.50	412.50	384.80	378.50	372.20
	(iv)		Supplying and laying of Bi-Axial extruded High Modulus PolyPropylene Geogrid confirming to MORT&H specification for base and sub-base reinforcement having minimum tensile strength 40 kN/m in the longitudinal and transverse direction, with 14kN/m and 28kN/m tensile strength at 2% and 5% strain respectively in the longitudinal and transverse direction, junction efficiency not less than 95% and with 38mm X 38mm mesh opening	Sqm	639.60	629.10	618.60	634.90	624.50	614.10	624.90	614.70	604.40	620.30	610.10	599.90
B 7.06			Supplying and laying high strength flexible geogrids (HSFG) as soil reinforcement / basal reinforcement as per MORTH 3100 and IRC 113, made of high tenacity polyester core with polyethylene coating with minimum Long Term Design Strength (LTDS) of more than 50% of ultimate tensile strength at 30 degree Celcius corresponding to 12 % strain etc. complete and as directed by Engineer - In - Charge.													
	(i)		Synthetic Geogrid Ultimate tensile strength - 100 kN/m	Sqm	565.10	555.80	546.50	560.40	551.20	542.00	552.20	543.10	534.10	547.50	538.50	529.60
	(ii)		Synthetic Geogrid Ultimate tensile strength- 150 kN/m	Sqm	589.90	580.20	570.60	585.30	575.70	566.10	576.40	567.00	557.50	571.80	562.40	553.00
	(iii)		Synthetic Geogrid Ultimate tensile strength- 200 kN/m	Sqm	813.40	800.10	786.70	808.80	795.50	782.30	794.60	781.60	768.60	790.00	777.00	764.10
	(iv)		Synthetic Geogrid Ultimate tensile strength- 250 kN/m	Sqm	900.30	885.60	870.80	895.70	881.00	866.30	879.50	865.10	850.70	874.90	860.50	846.20
	(v)		Synthetic Geogrid Ultimate tensile strength- 300 kN/m	Sqm	925.20	910.00	894.80	920.50	905.40	890.30	903.80	888.90	874.10	899.10	884.40	869.60
	(vi)		Synthetic Geogrid Ultimate tensile strength- 350 kN/m	Sqm	937.60	922.20	906.80	932.90	917.70	902.40	915.90	900.90	885.80	911.20	896.30	881.40
	(vii)		Synthetic Geogrid Ultimate tensile strength- 400 kN/m	Sqm	1198.40	1178.70	1159.10	1193.70	1174.10	1154.60	1170.50	1151.30	1132.10	1165.80	1146.70	1127.60
	(viii)		Synthetic Geogrid Ultimate tensile strength- 500 kN/m	Sqm	1347.40	1325.30	1303.20	1342.70	1320.70	1298.70	1316.00	1294.40	1272.80	1311.30	1289.80	1268.30
	(ix)		Synthetic Geogrid Ultimate tensile strength- 600 kN/m	Sqm	1384.60	1361.90	1339.20	1380.00	1357.40	1334.70	1352.30	1330.20	1308.00	1347.70	1325.60	1303.50
	(x)		Synthetic Geogrid Ultimate tensile strength- 800 kN/m	Sqm	1719.90	1691.70	1663.50	1715.20	1687.10	1659.00	1679.70	1652.20	1624.60	1675.10	1647.60	1620.10
	(xi)		Synthetic Geogrid Ultimate tensile strength- 900 kN/m	Sqm	1881.30	1850.50	1819.60	1876.70	1845.90	1815.10	1837.30	1807.20	1777.10	1832.70	1802.60	1772.60
	(xii)		Synthetic Geogrid Ultimate tensile strength- 1000 kN/m	Sqm	2253.80	2216.90	2179.90	2249.20	2212.30	2175.50	2201.00	2165.00	2128.90	2196.40	2160.40	2124.40
	(xiii)		Synthetic Geogrid Ultimate tensile strength- 1100 kN/m	Sqm	2564.30	2522.20	2480.20	2559.60	2517.70	2475.70	2504.10	2463.10	2422.00	2499.50	2458.50	2417.60
	(xiv)		Synthetic Geogrid Ultimate tensile strength- 1200 kN/m	Sqm	2502.20	2461.20	2420.10	2497.50	2456.60	2415.70	2443.50	2403.50	2363.40	2438.90	2398.90	2358.90

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.05	(ii)		Supplying and laying of Bi-Axial extruded High Modulus PolyPropylene Geogrid confirming to MORT&H specification for base and sub-base reinforcement having minimum tensile strength 20 kN/m in the longitudinal and transverse direction, with 7kN/m and 14kN/m tensile strength at 2% and 5% strain respectively in the longitudinal and transverse direction, junction efficiency not less than 95% and with 38mm X 38mm mesh opening	Sqm	241.50	237.60	233.60	236.90	233.00	229.10	280.40	275.80	271.20	275.70	271.20	266.70
	(iii)		Supplying and laying of Bi-Axial extruded High Modulus PolyPropylene Geogrid confirming to MORT&H specification for base and sub-base reinforcement having minimum tensile strength 30 kN/m in the longitudinal and transverse direction, with 10.5kN/m and 21kN/m tensile strength at 2% and 5% strain respectively in the longitudinal and transverse direction, junction efficiency not less than 95% and with 38mm X 38mm mesh opening	Sqm	377.20	371.00	364.80	339.90	334.40	328.80	439.70	432.50	425.20	396.80	390.20	383.70
	(iv)		Supplying and laying of Bi-Axial extruded High Modulus PolyPropylene Geogrid confirming to MORT&H specification for base and sub-base reinforcement having minimum tensile strength 40 kN/m in the longitudinal and transverse direction, with 14kN/m and 28kN/m tensile strength at 2% and 5% strain respectively in the longitudinal and transverse direction, junction efficiency not less than 95% and with 38mm X 38mm mesh opening	Sqm	551.60	542.50	533.50	546.90	538.00	529.00	644.50	633.90	623.30	639.80	629.30	618.80
B 7.06			Supplying and laying high strength flexible geogrids (HSFG) as soil reinforcement / basal reinforcement as per MORTH 3100 and IRC 113, made of high tenacity polyester core with polyethylene coating with minimum Long Term Design Strength (LTDS) of more than 50% of ultimate tensile strength at 30 degree Celcius corresponding to 12 % strain etc. complete and as directed by Engineer - In - Charge.													
	(i)		Synthetic Geogrid Ultimate tensile strength - 100 kN/m	Sqm	487.60	479.60	471.60	483.00	475.10	467.10	569.40	560.00	550.70	564.70	555.50	546.20
	(ii)		Synthetic Geogrid Ultimate tensile strength- 150 kN/m	Sqm	508.90	500.60	492.30	504.30	496.00	487.80	594.40	584.60	574.90	589.80	580.10	570.40
	(iii)		Synthetic Geogrid Ultimate tensile strength- 200 kN/m	Sqm	700.80	689.30	677.80	696.10	684.70	673.30	819.70	806.20	792.80	815.00	801.70	788.30
	(iv)		Synthetic Geogrid Ultimate tensile strength- 250 kN/m	Sqm	775.40	762.70	750.00	770.70	758.10	745.50	907.30	892.40	877.50	902.60	887.80	873.00
	(v)		Synthetic Geogrid Ultimate tensile strength- 300 kN/m	Sqm	796.70	783.60	770.60	792.10	779.10	766.10	932.30	917.00	901.70	927.70	912.50	897.30
	(vi)		Synthetic Geogrid Ultimate tensile strength- 350 kN/m	Sqm	807.30	794.10	780.90	802.70	789.60	776.40	944.80	929.30	913.80	940.20	924.80	909.40
	(vii)		Synthetic Geogrid Ultimate tensile strength- 400 kN/m	Sqm	1031.20	1014.30	997.30	1026.50	1009.70	992.90	1207.60	1187.80	1168.00	1203.00	1183.30	1163.60
	(viii)		Synthetic Geogrid Ultimate tensile strength- 500 kN/m	Sqm	1159.00	1140.00	1121.00	1154.40	1135.50	1116.60	1357.80	1335.60	1313.30	1353.20	1331.00	1308.80
	(ix)		Synthetic Geogrid Ultimate tensile strength- 600 kN/m	Sqm	1191.00	1171.50	1152.00	1186.40	1166.90	1147.50	1395.40	1372.50	1349.60	1390.70	1367.90	1345.10
	(x)		Synthetic Geogrid Ultimate tensile strength- 800 kN/m	Sqm	1478.80	1454.50	1430.30	1474.10	1450.00	1425.80	1733.30	1704.90	1676.50	1728.60	1700.30	1672.00
	(xi)		Synthetic Geogrid Ultimate tensile strength- 900 kN/m	Sqm	1617.30	1590.80	1564.30	1612.70	1586.20	1559.80	1896.00	1864.90	1833.80	1891.30	1860.30	1829.30
	(xii)		Synthetic Geogrid Ultimate tensile strength- 1000 kN/m	Sqm	1937.00	1905.30	1873.50	1932.40	1900.70	1869.00	2271.40	2234.20	2197.00	2266.80	2229.60	2192.50
	(xiii)		Synthetic Geogrid Ultimate tensile strength- 1100 kN/m	Sqm	2203.50	2167.40	2131.20	2198.80	2162.80	2126.80	2584.30	2542.00	2499.60	2579.70	2537.40	2495.10
	(xiv)		Synthetic Geogrid Ultimate tensile strength- 1200 kN/m	Sqm	2150.20	2114.90	2079.70	2145.60	2110.40	2075.20	2521.70	2480.40	2439.10	2517.10	2475.80	2434.60

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.05	(ii)		Supplying and laying of Bi-Axial extruded High Modulus PolyPropylene Geogrid confirming to MORT&H specification for base and sub-base reinforcement having minimum tensile strength 20 kN/m in the longitudinal and transverse direction, with 7kN/m and 14kN/m tensile strength at 2% and 5% strain respectively in the longitudinal and transverse direction, junction efficiency not less than 95% and with 38mm X 38mm mesh opening	Sqm	243.60	239.60	235.60	238.90	235.00	231.10	262.00	257.70	253.40	257.30	253.10	248.90
	(iii)		Supplying and laying of Bi-Axial extruded High Modulus PolyPropylene Geogrid confirming to MORT&H specification for base and sub-base reinforcement having minimum tensile strength 30 kN/m in the longitudinal and transverse direction, with 10.5kN/m and 21kN/m tensile strength at 2% and 5% strain respectively in the longitudinal and transverse direction, junction efficiency not less than 95% and with 38mm X 38mm mesh opening	Sqm	380.50	374.20	368.00	342.90	337.30	331.70	410.10	403.30	396.60	369.80	363.80	357.70
	(iv)		Supplying and laying of Bi-Axial extruded High Modulus PolyPropylene Geogrid confirming to MORT&H specification for base and sub-base reinforcement having minimum tensile strength 40 kN/m in the longitudinal and transverse direction, with 14kN/m and 28kN/m tensile strength at 2% and 5% strain respectively in the longitudinal and transverse direction, junction efficiency not less than 95% and with 38mm X 38mm mesh opening	Sqm	556.50	547.30	538.20	551.80	542.80	533.70	600.50	590.60	580.80	595.80	586.00	576.30
B 7.06			Supplying and laying high strength flexible geogrids (HSFG) as soil reinforcement / basal reinforcement as per MORTH 3100 and IRC 113, made of high tenacity polyester core with polyethylene coating with minimum Long Term Design Strength (LTDS) of more than 50% of ultimate tensile strength at 30 degree Celcius corresponding to 12 % strain etc. complete and as directed by Engineer - In - Charge.													
	(i)		Synthetic Geogrid Ultimate tensile strength - 100 kN/m	Sqm	491.90	483.90	475.80	487.30	479.30	471.30	530.60	521.90	513.20	526.00	517.40	508.80
	(ii)		Synthetic Geogrid Ultimate tensile strength- 150 kN/m	Sqm	513.40	505.00	496.60	508.80	500.50	492.10	553.90	544.80	535.80	549.30	540.30	531.30
	(iii)		Synthetic Geogrid Ultimate tensile strength- 200 kN/m	Sqm	707.00	695.40	683.80	702.40	690.90	679.40	763.30	750.80	738.30	758.70	746.30	733.80
	(iv)		Synthetic Geogrid Ultimate tensile strength- 250 kN/m	Sqm	782.30	769.50	756.70	777.70	764.90	752.20	844.80	830.90	817.10	840.20	826.40	812.60
	(v)		Synthetic Geogrid Ultimate tensile strength- 300 kN/m	Sqm	803.80	790.60	777.50	799.20	786.10	773.00	868.10	853.80	839.60	863.40	849.30	835.10
	(vi)		Synthetic Geogrid Ultimate tensile strength- 350 kN/m	Sqm	814.60	801.20	787.90	809.90	796.70	783.40	879.70	865.30	850.90	875.10	860.70	846.40
	(vii)		Synthetic Geogrid Ultimate tensile strength- 400 kN/m	Sqm	1040.40	1023.40	1006.30	1035.80	1018.80	1001.80	1124.00	1105.60	1087.20	1119.40	1101.10	1082.70
	(viii)		Synthetic Geogrid Ultimate tensile strength- 500 kN/m	Sqm	1169.50	1150.30	1131.20	1164.90	1145.80	1126.70	1263.70	1242.90	1222.20	1259.00	1238.40	1217.70
	(ix)		Synthetic Geogrid Ultimate tensile strength- 600 kN/m	Sqm	1201.80	1182.10	1162.40	1197.10	1177.50	1157.90	1298.60	1277.30	1256.00	1293.90	1272.70	1251.50
	(x)		Synthetic Geogrid Ultimate tensile strength- 800 kN/m	Sqm	1492.20	1467.70	1443.20	1487.50	1463.10	1438.80	1612.70	1586.30	1559.80	1608.10	1581.70	1555.40
	(xi)		Synthetic Geogrid Ultimate tensile strength- 900 kN/m	Sqm	1632.00	1605.20	1578.50	1627.30	1600.70	1574.00	1764.00	1735.10	1706.10	1759.30	1730.50	1701.70
	(xii)		Synthetic Geogrid Ultimate tensile strength- 1000 kN/m	Sqm	1954.60	1922.60	1890.60	1950.00	1918.00	1886.10	2113.00	2078.40	2043.80	2108.40	2073.80	2039.30
	(xiii)		Synthetic Geogrid Ultimate tensile strength- 1100 kN/m	Sqm	2223.50	2187.10	2150.60	2218.90	2182.50	2146.10	2403.90	2364.50	2325.10	2399.30	2360.00	2320.60
	(xiv)		Synthetic Geogrid Ultimate tensile strength- 1200 kN/m	Sqm	2169.80	2134.20	2098.60	2165.10	2129.60	2094.10	2345.70	2307.30	2268.80	2341.10	2302.70	2264.40

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.05	(ii)		Supplying and laying of Bi-Axial extruded High Modulus PolyPropylene Geogrid confirming to MORT&H specification for base and sub-base reinforcement having minimum tensile strength 20 kN/m in the longitudinal and transverse direction, with 7kN/m and 14kN/m tensile strength at 2% and 5% strain respectively in the longitudinal and transverse direction, junction efficiency not less than 95% and with 38mm X 38mm mesh opening	Sqm	300.80	295.90	291.00	296.20	291.30	286.50	288.60	283.80	279.10	283.90	279.30	274.60
	(iii)		Supplying and laying of Bi-Axial extruded High Modulus PolyPropylene Geogrid confirming to MORT&H specification for base and sub-base reinforcement having minimum tensile strength 30 kN/m in the longitudinal and transverse direction, with 10.5kN/m and 21kN/m tensile strength at 2% and 5% strain respectively in the longitudinal and transverse direction, junction efficiency not less than 95% and with 38mm X 38mm mesh opening	Sqm	472.50	464.80	457.10	426.60	419.70	412.70	452.80	445.40	438.00	408.70	402.00	395.30
	(iv)		Supplying and laying of Bi-Axial extruded High Modulus PolyPropylene Geogrid confirming to MORT&H specification for base and sub-base reinforcement having minimum tensile strength 40 kN/m in the longitudinal and transverse direction, with 14kN/m and 28kN/m tensile strength at 2% and 5% strain respectively in the longitudinal and transverse direction, junction efficiency not less than 95% and with 38mm X 38mm mesh opening	Sqm	693.30	682.00	670.60	688.70	677.40	666.10	664.00	653.10	642.20	659.40	648.60	637.80
B 7.06			Supplying and laying high strength flexible geogrids (HSFG) as soil reinforcement / basal reinforcement as per MORTH 3100 and IRC 113, made of high tenacity polyester core with polyethylene coating with minimum Long Term Design Strength (LTDS) of more than 50% of ultimate tensile strength at 30 degree Celcius corresponding to 12 % strain etc. complete and as directed by Engineer - In - Charge.													
	(i)		Synthetic Geogrid Ultimate tensile strength - 100 kN/m	Sqm	612.40	602.30	592.30	607.70	597.80	587.80	586.60	577.00	567.30	581.90	572.40	562.90
	(ii)		Synthetic Geogrid Ultimate tensile strength- 150 kN/m	Sqm	639.40	628.90	618.40	634.70	624.30	613.90	612.40	602.30	592.30	607.70	597.80	587.80
	(iii)		Synthetic Geogrid Ultimate tensile strength- 200 kN/m	Sqm	882.20	867.80	853.30	877.60	863.20	848.80	844.70	830.90	817.00	840.10	826.30	812.50
	(iv)		Synthetic Geogrid Ultimate tensile strength- 250 kN/m	Sqm	976.70	960.70	944.70	972.10	956.10	940.20	935.00	919.70	904.40	930.40	915.20	899.90
	(v)		Synthetic Geogrid Ultimate tensile strength- 300 kN/m	Sqm	1003.70	987.20	970.80	999.00	982.70	966.30	960.90	945.10	929.40	956.20	940.50	924.90
	(vi)		Synthetic Geogrid Ultimate tensile strength- 350 kN/m	Sqm	1017.20	1000.50	983.80	1012.50	995.90	979.30	973.80	957.80	941.80	969.10	953.20	937.30
	(vii)		Synthetic Geogrid Ultimate tensile strength- 400 kN/m	Sqm	1300.50	1279.20	1257.90	1295.90	1274.60	1253.40	1244.80	1224.40	1204.00	1240.20	1219.80	1199.50
	(viii)		Synthetic Geogrid Ultimate tensile strength- 500 kN/m	Sqm	1462.40	1438.50	1414.50	1457.80	1433.90	1410.00	1399.70	1376.70	1353.80	1395.00	1372.20	1349.30
	(ix)		Synthetic Geogrid Ultimate tensile strength- 600 kN/m	Sqm	1502.90	1478.30	1453.60	1498.30	1473.70	1449.20	1438.40	1414.80	1391.20	1433.80	1410.20	1386.70
	(x)		Synthetic Geogrid Ultimate tensile strength- 800 kN/m	Sqm	1867.20	1836.60	1806.00	1862.60	1832.10	1801.50	1786.90	1757.60	1728.30	1782.20	1753.00	1723.80
	(xi)		Synthetic Geogrid Ultimate tensile strength- 900 kN/m	Sqm	2042.60	2009.20	1975.70	2038.00	2004.60	1971.20	1954.60	1922.60	1890.60	1950.00	1918.00	1886.10
	(xii)		Synthetic Geogrid Ultimate tensile strength- 1000 kN/m	Sqm	2447.40	2407.30	2367.20	2442.80	2402.70	2362.70	2341.80	2303.40	2265.10	2337.20	2298.90	2260.60
	(xiii)		Synthetic Geogrid Ultimate tensile strength- 1100 kN/m	Sqm	2784.80	2739.10	2693.50	2780.10	2734.50	2689.00	2664.50	2620.80	2577.10	2659.90	2616.30	2572.60
	(xiv)		Synthetic Geogrid Ultimate tensile strength- 1200 kN/m	Sqm	2717.30	2672.70	2628.20	2712.70	2668.20	2623.70	2600.00	2557.30	2514.70	2595.30	2552.80	2510.20

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			Geosynthetic Drainage Composite													
B 7.07			Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. Geocomposite for planar drainage, realized by thermobonding a draining core in extruded monofilaments with two filtering nonwoven geotextiles that may also be working as separation or protecting layers. The draining three dimensional core will have a “W” configuration as longitudinal parallel channels. Minimum thickness to be 7.2mm, with two filtering UV stabilized polypropylene nonwoven geotextile of minimum thickness of 0.75 mm having pores of 150 micron and tensile strength of 8.0 kN/m that will be working as separation or protecting layer, geocomposite having in plane flow capacity of 2.1 L / (m.s) at hydraulic gradient of 1.0 & 20 kpa pressure and tensile strength of 18 kN/m , with mass per unit area of 740 gsm, supplied in the form of roll for easy transportation to site of work as per detailed specification all complete as per directions of Engineer in charge.	Sqm	1026.80	1010.00	993.20	1022.20	1005.40	988.70	960.90	945.10	929.40	956.30	940.60	924.90
B 7.08			Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. having thermobonding a draining core - HDPE geonet comprises of two sets of parallel overlayed ribs integrally connected to have a rhomboidal shape with a polyethylene film and a nonwoven geotextile having mass per unit area 130 g/m2 and tensile strength of 8.0 kN/m that will be working as separation or protecting layer, geocomposite having in plane flow capacity of 0.7 L / (m.s) at hydraulic gradient of 1.0 & 20 kPa pressure and tensile strength of 13.5 kN/ m , with mass per unit area of 830 gsm, at easily accessible location including top and bottom, with all leads and lifts, manpower and machinery, materials, labour etc. complete and as directed by Engineer - In - Charge.	Sqm	1217.10	1197.10	1177.20	1212.40	1192.50	1172.70	1138.70	1120.00	1101.30	1134.00	1115.40	1096.80
B 7.09			Reinforced Cement Concrete Crash Barrier with frication Slab													
			Provision of an Reinforced cement concrete crash barrier with frication slab at the approaches to bridge structures, constructed with M-40 grade concrete with HYSD reinforcement conforming to IRC:112 and as per dimensions in the approved drawing and at locations directed by the Engineer, all as specified.	Metre	13898.10	13494.40	13216.30	13608.00	13277.40	13023.50	13111.90	12721.00	12455.80	12821.70	12504.10	12263.10

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			Geosynthetic Drainage Composite													
B 7.07			Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. Geocomposite for planar drainage, realized by thermobonding a draining core in extruded monofilaments with two filtering nonwoven geotextiles that may also be working as separation or protecting layers. The draining three dimensional core will have a “W” configuration as longitudinal parallel channels. Minimum thickness to be 7.2mm, with two filtering UV stabilized polypropylene nonwoven geotextile of minimum thickness of 0.75 mm having pores of 150 micron and tensile strength of 8.0 kN/m that will be working as separation or protecting layer, geocomposite having in plane flow capacity of 2.1 L / (m.s) at hydraulic gradient of 1.0 & 20 kpa pressure and tensile strength of 18 kN/m , with mass per unit area of 740 gsm, supplied in the form of roll for easy transportation to site of work as per detailed specification all complete as per directions of Engineer in charge.	Sqm	1026.80	1010.00	993.20	1022.20	1005.40	988.70	1092.80	1074.90	1057.00	1088.20	1070.30	1052.50
B 7.08			Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. having thermobonding a draining core - HDPE geonet comprises of two sets of parallel overlayed ribs integrally connected to have a rhomboidal shape with a polyethylene film and a nonwoven geotextile having mass per unit area 130 g/m2 and tensile strength of 8.0 kN/m that will be working as separation or protecting layer, geocomposite having in plane flow capacity of 0.7 L / (m.s) at hydraulic gradient of 1.0 & 20 kPa pressure and tensile strength of 13.5 kN/ m , with mass per unit area of 830 gsm, at easily accessible location including top and bottom, with all leads and lifts, manpower and machinery, materials, labour etc. complete and as directed by Engineer - In - Charge.	Sqm	1217.10	1197.10	1177.20	1212.40	1192.50	1172.70	1295.50	1274.20	1253.00	1290.80	1269.70	1248.50
B 7.09			Reinforced Cement Concrete Crash Barrier with frication Slab													
			Provision of an Reinforced cement concrete crash barrier with frication slab at the approaches to bridge structures, constructed with M-40 grade concrete with HYSD reinforcement conforming to IRC:112 and as per dimensions in the approved drawing and at locations directed by the Engineer, all as specified.	Metre	13898.10	13494.40	13216.30	13608.00	13277.40	13023.50	15990.10	15552.10	15239.70	15700.00	15335.20	15047.00

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			Geosynthetic Drainage Composite													
B 7.07			Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. Geocomposite for planar drainage, realized by thermobonding a draining core in extruded monofilaments with two filtering nonwoven geotextiles that may also be working as separation or protecting layers. The draining three dimensional core will have a “W” configuration as longitudinal parallel channels. Minimum thickness to be 7.2mm, with two filtering UV stabilized polypropylene nonwoven geotextile of minimum thickness of 0.75 mm having pores of 150 micron and tensile strength of 8.0 kN/m that will be working as separation or protecting layer, geocomposite having in plane flow capacity of 2.1 L / (m.s) at hydraulic gradient of 1.0 & 20 kpa pressure and tensile strength of 18 kN/m , with mass per unit area of 740 gsm, supplied in the form of roll for easy transportation to site of work as per detailed specification all complete as per directions of Engineer in charge.	Sqm	1215.30	1195.40	1175.40	1210.60	1190.80	1171.00	1187.00	1167.60	1148.10	1182.40	1163.00	1143.60
B 7.08			Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. having thermobonding a draining core - HDPE geonet comprises of two sets of parallel overlayed ribs integrally connected to have a rhomboidal shape with a polyethylene film and a nonwoven geotextile having mass per unit area 130 g/m2 and tensile strength of 8.0 kN/m that will be working as separation or protecting layer, geocomposite having in plane flow capacity of 0.7 L / (m.s) at hydraulic gradient of 1.0 & 20 kPa pressure and tensile strength of 13.5 kN/ m , with mass per unit area of 830 gsm, at easily accessible location including top and bottom, with all leads and lifts, manpower and machinery, materials, labour etc. complete and as directed by Engineer - In - Charge.	Sqm	1441.10	1417.40	1393.80	1436.40	1412.90	1389.30	1407.50	1384.40	1361.30	1402.80	1379.80	1356.80
B 7.09			Reinforced Cement Concrete Crash Barrier with frication Slab													
			Provision of an Reinforced cement concrete crash barrier with frication slab at the approaches to bridge structures, constructed with M-40 grade concrete with HYSD reinforcement conforming to IRC:112 and as per dimensions in the approved drawing and at locations directed by the Engineer, all as specified.	Metre	17774.40	17307.10	16965.40	17484.20	17090.20	16772.70	17362.60	16902.10	16567.20	17072.50	16685.20	16374.50

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			Geosynthetic Drainage Composite													
B 7.07			Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. Geocomposite for planar drainage, realized by thermobonding a draining core in extruded monofilaments with two filtering nonwoven geotextiles that may also be working as separation or protecting layers. The draining three dimensional core will have a “W” configuration as longitudinal parallel channels. Minimum thickness to be 7.2mm, with two filtering UV stabilized polypropylene nonwoven geotextile of minimum thickness of 0.75 mm having pores of 150 micron and tensile strength of 8.0 kN/m that will be working as separation or protecting layer, geocomposite having in plane flow capacity of 2.1 L / (m.s) at hydraulic gradient of 1.0 & 20 kpa pressure and tensile strength of 18 kN/m , with mass per unit area of 740 gsm, supplied in the form of roll for easy transportation to site of work as per detailed specification all complete as per directions of Engineer in charge.	Sqm	1045.70	1028.50	1011.40	1041.10	1024.00	1006.90	1224.70	1204.60	1184.60	1220.10	1200.10	1180.10
B 7.08			Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. having thermobonding a draining core - HDPE geonet comprises of two sets of parallel overlayed ribs integrally connected to have a rhomboidal shape with a polyethylene film and a nonwoven geotextile having mass per unit area 130 g/m2 and tensile strength of 8.0 kN/m that will be working as separation or protecting layer, geocomposite having in plane flow capacity of 0.7 L / (m.s) at hydraulic gradient of 1.0 & 20 kPa pressure and tensile strength of 13.5 kN/ m , with mass per unit area of 830 gsm, at easily accessible location including top and bottom, with all leads and lifts, manpower and machinery, materials, labour etc. complete and as directed by Engineer - In - Charge.	Sqm	1239.50	1219.10	1198.80	1234.80	1214.60	1194.30	1452.30	1428.40	1404.60	1447.60	1423.90	1400.20
B 7.09			Reinforced Cement Concrete Crash Barrier with frication Slab													
			Provision of an Reinforced cement concrete crash barrier with frication slab at the approaches to bridge structures, constructed with M-40 grade concrete with HYSD reinforcement conforming to IRC:112 and as per dimensions in the approved drawing and at locations directed by the Engineer, all as specified.	Metre	14497.60	14084.00	13796.10	14207.40	13867.10	13603.40	18449.20	17970.80	17618.10	18159.00	17753.90	17425.40

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			Geosynthetic Drainage Composite													
B 7.07			Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. Geocomposite for planar drainage, realized by thermobonding a draining core in extruded monofilaments with two filtering nonwoven geotextiles that may also be working as separation or protecting layers. The draining three dimensional core will have a “W” configuration as longitudinal parallel channels. Minimum thickness to be 7.2mm, with two filtering UV stabilized polypropylene nonwoven geotextile of minimum thickness of 0.75 mm having pores of 150 micron and tensile strength of 8.0 kN/m that will be working as separation or protecting layer, geocomposite having in plane flow capacity of 2.1 L / (m.s) at hydraulic gradient of 1.0 & 20 kpa pressure and tensile strength of 18 kN/m , with mass per unit area of 740 gsm, supplied in the form of roll for easy transportation to site of work as per detailed specification all complete as per directions of Engineer in charge.	Sqm	1055.10	1037.80	1020.50	1050.50	1033.30	1016.00	1139.90	1121.20	1102.50	1135.30	1116.70	1098.00
B 7.08			Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. having thermobonding a draining core - HDPE geonet comprises of two sets of parallel overlayed ribs integrally connected to have a rhomboidal shape with a polyethylene film and a nonwoven geotextile having mass per unit area 130 g/m2 and tensile strength of 8.0 kN/m that will be working as separation or protecting layer, geocomposite having in plane flow capacity of 0.7 L / (m.s) at hydraulic gradient of 1.0 & 20 kPa pressure and tensile strength of 13.5 kN/ m , with mass per unit area of 830 gsm, at easily accessible location including top and bottom, with all leads and lifts, manpower and machinery, materials, labour etc. complete and as directed by Engineer - In - Charge.	Sqm	1250.70	1230.20	1209.70	1246.00	1225.60	1205.20	1351.50	1329.30	1307.10	1346.80	1324.70	1302.70
B 7.09			Reinforced Cement Concrete Crash Barrier with frication Slab													
			Provision of an Reinforced cement concrete crash barrier with frication slab at the approaches to bridge structures, constructed with M-40 grade concrete with HYSD reinforcement conforming to IRC:112 and as per dimensions in the approved drawing and at locations directed by the Engineer, all as specified.	Metre	15306.80	14879.90	14578.70	15016.60	14663.00	14386.00	16004.50	15566.20	15253.60	15714.30	15349.30	15060.80

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			Geosynthetic Drainage Composite													
B 7.07			Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. Geocomposite for planar drainage, realized by thermobonding a draining core in extruded monofilaments with two filtering nonwoven geotextiles that may also be working as separation or protecting layers. The draining three dimensional core will have a “W” configuration as longitudinal parallel channels. Minimum thickness to be 7.2mm, with two filtering UV stabilized polypropylene nonwoven geotextile of minimum thickness of 0.75 mm having pores of 150 micron and tensile strength of 8.0 kN/m that will be working as separation or protecting layer, geocomposite having in plane flow capacity of 2.1 L / (m.s) at hydraulic gradient of 1.0 & 20 kpa pressure and tensile strength of 18 kN/m , with mass per unit area of 740 gsm, supplied in the form of roll for easy transportation to site of work as per detailed specification all complete as per directions of Engineer in charge.	Sqm	1318.90	1297.30	1275.70	1314.30	1292.70	1271.20	1262.40	1241.70	1221.00	1257.80	1237.10	1216.50
B 7.08			Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. having thermobonding a draining core - HDPE geonet comprises of two sets of parallel overlayed ribs integrally connected to have a rhomboidal shape with a polyethylene film and a nonwoven geotextile having mass per unit area 130 g/m2 and tensile strength of 8.0 kN/m that will be working as separation or protecting layer, geocomposite having in plane flow capacity of 0.7 L / (m.s) at hydraulic gradient of 1.0 & 20 kPa pressure and tensile strength of 13.5 kN/ m , with mass per unit area of 830 gsm, at easily accessible location including top and bottom, with all leads and lifts, manpower and machinery, materials, labour etc. complete and as directed by Engineer - In - Charge.	Sqm	1564.30	1538.60	1513.00	1559.60	1534.00	1508.50	1497.10	1472.50	1448.00	1492.40	1468.00	1443.50
B 7.09			Reinforced Cement Concrete Crash Barrier with frication Slab													
			Provision of an Reinforced cement concrete crash barrier with frication slab at the approaches to bridge structures, constructed with M-40 grade concrete with HYSD reinforcement conforming to IRC:112 and as per dimensions in the approved drawing and at locations directed by the Engineer, all as specified.	Metre	22106.10	21567.80	21155.10	21816.00	21350.90	20962.40	20073.20	19568.20	19188.90	19783.00	19351.30	18996.20

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.10			In-Situ Soil reinforcement for slope restoration and protection work (Soil Nailing)													
			Supply and installation of In-Situ Soil reinforcement (Soil Nailing) with fully threaded hot-dip galvanized solid geotechnical bars as soil nails (galvanization minimum 500 grams per sqm) of minimum 25 mm diameter, having yield strength > 670N/mm2 and tensile strength > 800N/mm2 as per technical specifications and drawings etc. complete including drilling, flushing,grouting, and all Supply and installation of all components listed as per technical specifications and drawings etc and considering all lead, lift and machinery .	Metre	7503.60	7380.60	7257.60	7025.90	6910.70	6795.50	7438.10	7316.10	7194.20	6960.40	6846.30	6732.20
B 7.11			Horizontal Drainage Boring													
			Horizontal Drainage Boring methods on the types of Sandy Soil / Cohesive Soil and drilling length including cost of all materials,machinery, labour and all other ancillary operations etc. (Nominal Diameter of drilling pipe- 90 mm)													
	(i)		Drilling length below bed level upto 50.0 Meter													
	A		Sandy Soil / Cohesive Soil	Metre	2597.70	2555.10	2512.50	2564.70	2522.60	2480.60	2551.50	2509.60	2467.80	2518.40	2477.10	2435.90
	B		Gravelly Soil	Metre	3633.30	3573.70	3514.10	3408.30	3352.50	3296.60	3586.50	3527.70	3468.90	3361.60	3306.50	3251.40
	C		Rubble/Cobble Stone	Metre	4703.20	4626.10	4549.00	4420.80	4348.30	4275.80	4655.90	4579.50	4503.20	4373.40	4301.70	4230.00
	D		Soft Rock	Metre	3925.20	3860.80	3796.50	3678.30	3618.00	3557.70	3878.30	3814.70	3751.10	3631.40	3571.90	3512.40
	(ii)		Drilling length from 50.0 Meter - 80 meter													
	A		Sandy Soil / Cohesive Soil	Metre	3119.50	3068.40	3017.20	2933.10	2885.00	2836.90	3073.10	3022.70	2972.30	2886.70	2839.30	2792.00
	B		Gravelly Soil	Metre	4223.40	4154.20	4084.90	3954.20	3889.40	3824.60	4176.40	4107.90	4039.40	3907.10	3843.10	3779.00
	C		Rubble/Cobble Stone	Metre	5542.50	5451.60	5360.70	5174.30	5089.50	5004.70	5494.70	5404.60	5314.50	5126.50	5042.50	4958.50
	D		Soft Rock	Metre	4559.60	4484.80	4410.10	4265.20	4195.30	4125.30	4512.30	4438.30	4364.40	4217.90	4148.80	4079.60
B 7.12			Horizontal Drainage Boring methods on the types of Sandy Soil / Cohesive Soil and drilling length including cost of all materials,machinery, labour and all other ancillary operations etc. (Nominal Diameter of drilling pipe- 110 mm)													
	(i)		Drilling length below bed level upto 50.0 Meter													
	A		Sandy Soil / Cohesive Soil	Metre	3097.00	3046.20	2995.40	2881.60	2834.40	2787.20	3071.30	3021.00	2970.60	2856.00	2809.20	2762.40
	B		Gravelly Soil	Metre	4054.70	3988.20	3921.70	3712.90	3652.00	3591.10	4028.60	3962.50	3896.50	3686.70	3626.30	3565.90
	C		Rubble/Cobble Stone	Metre	5023.50	4941.10	4858.80	4662.80	4586.40	4509.90	4996.80	4914.90	4833.00	4636.10	4560.10	4484.10
	D		Soft Rock	Metre	4206.50	4137.50	4068.60	3908.40	3844.30	3780.30	4180.30	4111.70	4043.20	3882.20	3818.50	3754.90
	(ii)		Drilling length from 50.0 Meter - 80 meter													
	A		Sandy Soil / Cohesive Soil	Metre	3634.70	3575.10	3515.50	3380.40	3325.00	3269.60	3608.80	3549.60	3490.50	3354.50	3299.50	3244.50
	B		Gravelly Soil	Metre	4714.90	4637.60	4560.30	4377.90	4306.10	4234.30	4688.40	4611.50	4534.60	4351.40	4280.00	4208.70
	C		Rubble/Cobble Stone	Metre	5933.50	5836.30	5739.00	5503.20	5413.00	5322.80	5906.40	5809.60	5712.70	5476.10	5386.30	5296.50
	D		Soft Rock	Metre	4958.30	4877.00	4795.70	4602.60	4527.10	4451.70	4931.60	4850.80	4770.00	4576.00	4500.90	4425.90

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.10			In-Situ Soil reinforcement for slope restoration and protection work (Soil Nailing)													
			Supply and installation of In-Situ Soil reinforcement (Soil Nailing) with fully threaded hot-dip galvanized solid geotechnical bars as soil nails (galvanization minimum 500 grams per sqm) of minimum 25 mm diameter, having yield strength > 670N/mm2 and tensile strength > 800N/mm2 as per technical specifications and drawings etc. complete including drilling, flushing,grouting, and all Supply and installation of all components listed as per technical specifications and drawings etc and considering all lead, lift and machinery .	Metre	7503.60	7380.60	7257.60	7025.90	6910.70	6795.50	7634.50	7509.30	7384.20	7156.80	7039.50	6922.10
B 7.11			Horizontal Drainage Boring													
			Horizontal Drainage Boring methods on the types of Sandy Soil / Cohesive Soil and drilling length including cost of all materials,machinery, labour and all other ancillary operations etc. (Nominal Diameter of drilling pipe- 90 mm)													
	(i)		Drilling length below bed level upto 50.0 Meter													
	A		Sandy Soil / Cohesive Soil	Metre	2597.70	2555.10	2512.50	2564.70	2522.60	2480.60	2644.00	2600.60	2557.30	2610.90	2568.10	2525.30
	B		Gravelly Soil	Metre	3633.30	3573.70	3514.10	3408.30	3352.50	3296.60	3680.00	3619.70	3559.40	3455.10	3398.40	3341.80
	C		Rubble/Cobble Stone	Metre	4703.20	4626.10	4549.00	4420.80	4348.30	4275.80	4750.50	4672.60	4594.80	4468.10	4394.80	4321.60
	D		Soft Rock	Metre	3925.20	3860.80	3796.50	3678.30	3618.00	3557.70	3972.10	3906.90	3841.80	3725.20	3664.20	3603.10
	(ii)		Drilling length from 50.0 Meter - 80 meter													
	A		Sandy Soil / Cohesive Soil	Metre	3119.50	3068.40	3017.20	2933.10	2885.00	2836.90	3166.00	3114.10	3062.20	2979.60	2930.70	2881.90
	B		Gravelly Soil	Metre	4223.40	4154.20	4084.90	3954.20	3889.40	3824.60	4270.50	4200.50	4130.50	4001.30	3935.70	3870.10
	C		Rubble/Cobble Stone	Metre	5542.50	5451.60	5360.70	5174.30	5089.50	5004.70	5590.20	5498.60	5406.90	5222.10	5136.50	5050.90
	D		Soft Rock	Metre	4559.60	4484.80	4410.10	4265.20	4195.30	4125.30	4606.80	4531.30	4455.80	4312.40	4241.70	4171.00
B 7.12			Horizontal Drainage Boring methods on the types of Sandy Soil / Cohesive Soil and drilling length including cost of all materials,machinery, labour and all other ancillary operations etc. (Nominal Diameter of drilling pipe- 110 mm)													
	(i)		Drilling length below bed level upto 50.0 Meter													
	A		Sandy Soil / Cohesive Soil	Metre	3097.00	3046.20	2995.40	2881.60	2834.40	2787.20	3122.60	3071.40	3020.20	2907.30	2859.60	2811.90
	B		Gravelly Soil	Metre	4054.70	3988.20	3921.70	3712.90	3652.00	3591.10	4080.80	4013.90	3947.00	3739.00	3677.70	3616.40
	C		Rubble/Cobble Stone	Metre	5023.50	4941.10	4858.80	4662.80	4586.40	4509.90	5050.10	4967.40	4884.60	4689.50	4612.60	4535.70
	D		Soft Rock	Metre	4206.50	4137.50	4068.60	3908.40	3844.30	3780.30	4232.70	4163.30	4094.00	3934.60	3870.10	3805.60
	(ii)		Drilling length from 50.0 Meter - 80 meter													
	A		Sandy Soil / Cohesive Soil	Metre	3634.70	3575.10	3515.50	3380.40	3325.00	3269.60	3660.60	3600.60	3540.60	3406.30	3350.50	3294.60
	B		Gravelly Soil	Metre	4714.90	4637.60	4560.30	4377.90	4306.10	4234.30	4741.40	4663.60	4585.90	4404.40	4332.20	4260.00
	C		Rubble/Cobble Stone	Metre	5933.50	5836.30	5739.00	5503.20	5413.00	5322.80	5960.70	5863.00	5765.30	5530.40	5439.70	5349.10
	D		Soft Rock	Metre	4958.30	4877.00	4795.70	4602.60	4527.10	4451.70	4984.90	4903.20	4821.50	4629.20	4553.30	4477.40

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.10			In-Situ Soil reinforcement for slope restoration and protection work (Soil Nailing)													
			Supply and installation of In-Situ Soil reinforcement (Soil Nailing) with fully threaded hot-dip galvanized solid geotechnical bars as soil nails (galvanization minimum 500 grams per sqm) of minimum 25 mm diameter, having yield strength > 670N/mm2 and tensile strength > 800N/mm2 as per technical specifications and drawings etc. complete including drilling, flushing,grouting, and all Supply and installation of all components listed as per technical specifications and drawings etc and considering all lead, lift and machinery .	Metre	7777.10	7649.60	7522.10	7299.40	7179.70	7060.00	7744.20	7617.20	7490.30	7266.50	7147.30	7028.20
B 7.11			Horizontal Drainage Boring													
			Horizontal Drainage Boring methods on the types of Sandy Soil / Cohesive Soil and drilling length including cost of all materials,machinery, labour and all other ancillary operations etc. (Nominal Diameter of drilling pipe- 90 mm)													
	(i)		Drilling length below bed level upto 50.0 Meter													
	A		Sandy Soil / Cohesive Soil	Metre	2729.80	2685.10	2640.30	2696.80	2652.60	2608.40	2710.00	2665.60	2621.20	2677.00	2633.10	2589.20
	B		Gravelly Soil	Metre	3766.80	3705.10	3643.30	3541.90	3483.80	3425.70	3746.80	3685.40	3623.90	3521.80	3464.10	3406.40
	C		Rubble/Cobble Stone	Metre	4838.40	4759.10	4679.80	4556.00	4481.30	4406.60	4818.10	4739.20	4660.20	4535.70	4461.40	4387.00
	D		Soft Rock	Metre	4059.20	3992.60	3926.10	3812.30	3749.80	3687.30	4039.10	3972.80	3906.60	3792.20	3730.10	3667.90
	(ii)		Drilling length from 50.0 Meter - 80 meter													
	A		Sandy Soil / Cohesive Soil	Metre	3252.30	3198.90	3145.60	3065.90	3015.60	2965.30	3232.30	3179.40	3126.40	3045.90	2996.00	2946.10
	B		Gravelly Soil	Metre	4357.90	4286.40	4215.00	4088.70	4021.60	3954.60	4337.70	4266.60	4195.50	4068.50	4001.80	3935.10
	C		Rubble/Cobble Stone	Metre	5679.00	5585.90	5492.80	5310.80	5223.80	5136.70	5658.50	5565.70	5473.00	5290.40	5203.60	5116.90
	D		Soft Rock	Metre	4694.50	4617.60	4540.60	4400.20	4328.00	4255.90	4674.30	4597.70	4521.00	4379.90	4308.10	4236.30
B 7.12			Horizontal Drainage Boring methods on the types of Sandy Soil / Cohesive Soil and drilling length including cost of all materials,machinery, labour and all other ancillary operations etc. (Nominal Diameter of drilling pipe- 110 mm)													
	(i)		Drilling length below bed level upto 50.0 Meter													
	A		Sandy Soil / Cohesive Soil	Metre	3170.20	3118.20	3066.30	2954.90	2906.40	2858.00	3159.20	3107.40	3055.60	2943.90	2895.60	2847.40
	B		Gravelly Soil	Metre	4129.30	4061.60	3993.90	3787.50	3725.40	3663.30	4118.10	4050.60	3983.10	3776.30	3714.40	3652.50
	C		Rubble/Cobble Stone	Metre	5099.70	5016.10	4932.50	4739.00	4661.30	4583.60	5088.20	5004.80	4921.40	4727.60	4650.10	4572.60
	D		Soft Rock	Metre	4281.40	4211.30	4141.10	3983.30	3918.00	3852.70	4270.20	4200.20	4130.20	3972.10	3907.00	3841.90
	(ii)		Drilling length from 50.0 Meter - 80 meter													
	A		Sandy Soil / Cohesive Soil	Metre	3708.80	3648.00	3587.20	3454.50	3397.80	3341.20	3697.70	3637.00	3576.40	3443.30	3386.90	3330.50
	B		Gravelly Soil	Metre	4790.60	4712.10	4633.50	4453.60	4380.60	4307.60	4779.20	4700.90	4622.50	4442.20	4369.40	4296.60
	C		Rubble/Cobble Stone	Metre	6011.10	5912.60	5814.10	5580.80	5489.30	5397.90	5999.50	5901.20	5802.80	5569.20	5477.90	5386.60
	D		Soft Rock	Metre	5034.40	4951.90	4869.30	4678.70	4602.00	4525.30	5023.00	4940.60	4858.30	4667.30	4590.80	4514.30

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.10			In-Situ Soil reinforcement for slope restoration and protection work (Soil Nailing)													
			Supply and installation of In-Situ Soil reinforcement (Soil Nailing) with fully threaded hot-dip galvanized solid geotechnical bars as soil nails (galvanization minimum 500 grams per sqm) of minimum 25 mm diameter, having yield strength > 670N/mm2 and tensile strength > 800N/mm2 as per technical specifications and drawings etc. complete including drilling, flushing,grouting, and all Supply and installation of all components listed as per technical specifications and drawings etc and considering all lead, lift and machinery .	Metre	7545.90	7422.20	7298.50	7068.20	6952.30	6836.50	7810.50	7682.50	7554.40	7332.80	7212.60	7092.40
B 7.11			Horizontal Drainage Boring													
			Horizontal Drainage Boring methods on the types of Sandy Soil / Cohesive Soil and drilling length including cost of all materials,machinery, labour and all other ancillary operations etc. (Nominal Diameter of drilling pipe- 90 mm)													
	(i)		Drilling length below bed level upto 50.0 Meter													
	A		Sandy Soil / Cohesive Soil	Metre	2610.90	2568.10	2525.30	2577.90	2535.60	2493.40	2736.40	2691.60	2646.70	2703.40	2659.10	2614.80
	B		Gravelly Soil	Metre	3646.60	3586.80	3527.10	3421.70	3365.60	3309.50	3773.50	3711.60	3649.80	3548.60	3490.40	3432.20
	C		Rubble/Cobble Stone	Metre	4716.70	4639.40	4562.10	4434.30	4361.60	4288.90	4845.20	4765.80	4686.30	4562.80	4488.00	4413.20
	D		Soft Rock	Metre	3938.60	3874.00	3809.40	3691.70	3631.20	3570.70	4065.90	3999.20	3932.60	3819.00	3756.40	3693.80
	(ii)		Drilling length from 50.0 Meter - 80 meter													
	A		Sandy Soil / Cohesive Soil	Metre	3132.80	3081.40	3030.10	2946.40	2898.10	2849.80	3258.90	3205.50	3152.00	3072.50	3022.10	2971.70
	B		Gravelly Soil	Metre	4236.90	4167.40	4097.90	3967.70	3902.60	3837.60	4364.60	4293.00	4221.50	4095.40	4028.30	3961.10
	C		Rubble/Cobble Stone	Metre	5556.10	5465.00	5373.90	5188.00	5102.90	5017.90	5685.80	5592.60	5499.40	5317.70	5230.50	5143.30
	D		Soft Rock	Metre	4573.10	4498.10	4423.10	4278.70	4208.50	4138.40	4701.30	4624.20	4547.10	4406.90	4334.70	4262.40
B 7.12			Horizontal Drainage Boring methods on the types of Sandy Soil / Cohesive Soil and drilling length including cost of all materials,machinery, labour and all other ancillary operations etc. (Nominal Diameter of drilling pipe- 110 mm)													
	(i)		Drilling length below bed level upto 50.0 Meter													
	A		Sandy Soil / Cohesive Soil	Metre	3104.30	3053.40	3002.50	2889.00	2841.60	2794.20	3173.90	3121.80	3069.80	2958.50	2910.00	2861.50
	B		Gravelly Soil	Metre	4062.10	3995.50	3928.90	3720.30	3659.30	3598.30	4133.00	4065.30	3997.50	3791.20	3729.10	3666.90
	C		Rubble/Cobble Stone	Metre	5031.10	4948.60	4866.10	4670.40	4593.90	4517.30	5103.50	5019.80	4936.20	4742.80	4665.10	4587.30
	D		Soft Rock	Metre	4214.00	4144.90	4075.80	3915.90	3851.70	3787.50	4285.20	4214.90	4144.70	3987.10	3921.70	3856.40
	(ii)		Drilling length from 50.0 Meter - 80 meter													
	A		Sandy Soil / Cohesive Soil	Metre	3642.10	3582.40	3522.70	3387.80	3332.30	3276.70	3712.50	3651.60	3590.80	3458.20	3401.50	3344.80
	B		Gravelly Soil	Metre	4722.40	4645.00	4567.60	4385.40	4313.50	4241.70	4794.40	4715.80	4637.20	4457.40	4384.30	4311.20
	C		Rubble/Cobble Stone	Metre	5941.30	5843.90	5746.50	5511.00	5420.60	5330.30	6015.00	5916.40	5817.80	5584.70	5493.20	5401.60
	D		Soft Rock	Metre	4965.90	4884.50	4803.10	4610.20	4534.60	4459.00	5038.20	4955.60	4873.00	4682.50	4605.70	4529.00

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.10			In-Situ Soil reinforcement for slope restoration and protection work (Soil Nailing)													
			Supply and installation of In-Situ Soil reinforcement (Soil Nailing) with fully threaded hot-dip galvanized solid geotechnical bars as soil nails (galvanization minimum 500 grams per sqm) of minimum 25 mm diameter, having yield strength > 670N/mm2 and tensile strength > 800N/mm2 as per technical specifications and drawings etc. complete including drilling, flushing,grouting, and all Supply and installation of all components listed as per technical specifications and drawings etc and considering all lead, lift and machinery .	Metre	7585.00	7460.60	7336.30	7107.30	6990.80	6874.30	7661.20	7535.60	7410.00	7183.50	7065.80	6948.00
B 7.11			Horizontal Drainage Boring													
			Horizontal Drainage Boring methods on the types of Sandy Soil / Cohesive Soil and drilling length including cost of all materials,machinery, labour and all other ancillary operations etc. (Nominal Diameter of drilling pipe- 90 mm)													
	(i)		Drilling length below bed level upto 50.0 Meter													
	A		Sandy Soil / Cohesive Soil	Metre	2617.50	2574.60	2531.70	2584.50	2542.10	2499.70	2677.00	2633.10	2589.20	2643.90	2600.60	2557.20
	B		Gravelly Soil	Metre	3653.30	3593.40	3533.50	3428.40	3372.20	3316.00	3713.40	3652.50	3591.60	3488.50	3431.30	3374.10
	C		Rubble/Cobble Stone	Metre	4723.50	4646.00	4568.60	4441.00	4368.20	4295.40	4784.30	4705.90	4627.50	4501.90	4428.10	4354.30
	D		Soft Rock	Metre	3945.30	3880.60	3815.90	3698.40	3637.80	3577.20	4005.60	3939.90	3874.20	3758.70	3697.10	3635.50
	(ii)		Drilling length from 50.0 Meter - 80 meter													
	A		Sandy Soil / Cohesive Soil	Metre	3139.40	3088.00	3036.50	2953.00	2904.60	2856.20	3199.20	3146.70	3094.30	3012.80	2963.40	2914.00
	B		Gravelly Soil	Metre	4243.60	4174.00	4104.50	3974.40	3909.20	3844.10	4304.10	4233.50	4163.00	4034.90	3968.70	3902.60
	C		Rubble/Cobble Stone	Metre	5562.90	5471.70	5380.50	5194.80	5109.60	5024.50	5624.40	5532.20	5440.00	5256.20	5170.10	5083.90
	D		Soft Rock	Metre	4579.80	4504.70	4429.60	4285.40	4215.20	4144.90	4640.50	4564.50	4488.40	4346.20	4274.90	4203.70
B 7.12			Horizontal Drainage Boring methods on the types of Sandy Soil / Cohesive Soil and drilling length including cost of all materials,machinery, labour and all other ancillary operations etc. (Nominal Diameter of drilling pipe- 110 mm)													
	(i)		Drilling length below bed level upto 50.0 Meter													
	A		Sandy Soil / Cohesive Soil	Metre	3108.00	3057.00	3006.10	2892.60	2845.20	2797.80	3140.90	3089.40	3037.90	2925.60	2877.60	2829.60
	B		Gravelly Soil	Metre	4065.90	3999.20	3932.60	3724.10	3663.00	3602.00	4099.40	4032.20	3965.00	3757.60	3696.00	3634.40
	C		Rubble/Cobble Stone	Metre	5034.90	4952.40	4869.80	4674.20	4597.60	4521.00	5069.20	4986.10	4903.00	4708.50	4631.30	4554.20
	D		Soft Rock	Metre	4217.70	4148.60	4079.50	3919.60	3855.40	3791.10	4251.50	4181.80	4112.10	3953.40	3888.60	3823.80
	(ii)		Drilling length from 50.0 Meter - 80 meter													
	A		Sandy Soil / Cohesive Soil	Metre	3645.80	3586.00	3526.30	3391.50	3335.90	3280.30	3679.10	3618.80	3558.50	3424.80	3368.70	3312.50
	B		Gravelly Soil	Metre	4726.20	4648.70	4571.30	4389.20	4317.30	4245.30	4760.30	4682.30	4604.20	4423.30	4350.80	4278.30
	C		Rubble/Cobble Stone	Metre	5945.20	5847.70	5750.30	5514.90	5424.50	5334.00	5980.10	5882.10	5784.00	5549.80	5458.80	5367.80
	D		Soft Rock	Metre	4969.70	4888.20	4806.80	4614.00	4538.40	4462.70	5003.90	4921.90	4839.90	4648.30	4572.10	4495.80

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.10			In-Situ Soil reinforcement for slope restoration and protection work (Soil Nailing)													
			Supply and installation of In-Situ Soil reinforcement (Soil Nailing) with fully threaded hot-dip galvanized solid geotechnical bars as soil nails (galvanization minimum 500 grams per sqm) of minimum 25 mm diameter, having yield strength > 670N/mm2 and tensile strength > 800N/mm2 as per technical specifications and drawings etc. complete including drilling, flushing,grouting, and all Supply and installation of all components listed as per technical specifications and drawings etc and considering all lead, lift and machinery .	Metre	8015.80	7884.40	7752.90	7538.10	7414.50	7290.90	7899.40	7769.90	7640.40	7421.70	7300.00	7178.30
B 7.11			Horizontal Drainage Boring													
			Horizontal Drainage Boring methods on the types of Sandy Soil / Cohesive Soil and drilling length including cost of all materials,machinery, labour and all other ancillary operations etc. (Nominal Diameter of drilling pipe- 90 mm)													
	(i)		Drilling length below bed level upto 50.0 Meter													
	A		Sandy Soil / Cohesive Soil	Metre	2802.50	2756.60	2710.60	2769.40	2724.00	2678.60	2762.90	2717.60	2672.30	2729.80	2685.10	2640.30
	B		Gravelly Soil	Metre	3840.20	3777.30	3714.30	3615.30	3556.10	3496.80	3800.20	3737.90	3675.60	3575.30	3516.60	3458.00
	C		Rubble/Cobble Stone	Metre	4912.80	4832.30	4751.70	4630.40	4554.50	4478.60	4872.20	4792.40	4712.50	4589.80	4514.60	4439.30
	D		Soft Rock	Metre	4132.90	4065.10	3997.40	3886.00	3822.30	3758.60	4092.70	4025.60	3958.50	3845.80	3782.80	3719.70
	(ii)		Drilling length from 50.0 Meter - 80 meter													
	A		Sandy Soil / Cohesive Soil	Metre	3325.30	3270.80	3216.20	3138.90	3087.40	3035.90	3285.40	3231.60	3177.70	3099.00	3048.20	2997.40
	B		Gravelly Soil	Metre	4431.80	4359.20	4286.50	4162.60	4094.40	4026.10	4391.50	4319.50	4247.50	4122.30	4054.70	3987.10
	C		Rubble/Cobble Stone	Metre	5754.00	5659.70	5565.40	5385.90	5297.60	5209.30	5713.10	5619.40	5525.80	5345.00	5257.30	5169.70
	D		Soft Rock	Metre	4768.80	4690.60	4612.40	4474.40	4401.00	4327.70	4728.30	4650.80	4573.30	4433.90	4361.20	4288.50
B 7.12			Horizontal Drainage Boring methods on the types of Sandy Soil / Cohesive Soil and drilling length including cost of all materials,machinery, labour and all other ancillary operations etc. (Nominal Diameter of drilling pipe- 110 mm)													
	(i)		Drilling length below bed level upto 50.0 Meter													
	A		Sandy Soil / Cohesive Soil	Metre	3210.50	3157.90	3105.20	2995.10	2946.00	2896.90	3188.50	3136.20	3084.00	2973.20	2924.40	2875.70
	B		Gravelly Soil	Metre	4170.30	4102.00	4033.60	3828.50	3765.80	3703.00	4147.90	4079.90	4012.00	3806.10	3743.70	3681.30
	C		Rubble/Cobble Stone	Metre	5141.60	5057.30	4973.00	4780.90	4702.50	4624.20	5118.70	5034.80	4950.90	4758.10	4680.10	4602.10
	D		Soft Rock	Metre	4322.70	4251.80	4180.90	4024.60	3958.60	3892.60	4300.20	4229.70	4159.20	4002.10	3936.50	3870.90
	(ii)		Drilling length from 50.0 Meter - 80 meter													
	A		Sandy Soil / Cohesive Soil	Metre	3749.50	3688.00	3626.60	3495.20	3437.90	3380.60	3727.30	3666.20	3605.10	3473.00	3416.00	3359.10
	B		Gravelly Soil	Metre	4832.20	4753.00	4673.80	4495.20	4421.60	4347.90	4809.50	4730.70	4651.80	4472.50	4399.20	4325.90
	C		Rubble/Cobble Stone	Metre	6053.80	5954.60	5855.30	5623.50	5531.30	5439.10	6030.60	5931.70	5832.80	5600.20	5508.40	5416.60
	D		Soft Rock	Metre	5076.20	4993.00	4909.80	4720.50	4643.20	4565.80	5053.40	4970.60	4887.70	4697.70	4620.70	4543.70

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.13			Horizontal Drainage Boring methods on the types of Sandy Soil / Cohesive Soil and drilling length including cost of all materials,machinery, labour and all other ancillary operations etc.(Nominal Diameter of drilling pipe- 135 mm)													
	(i)		Drilling length below bed level upto 50.0 Meter													
	A		Sandy Soil / Cohesive Soil	Metre	3808.90	3746.50	3684.00	3562.20	3503.80	3445.40	3769.60	3707.80	3646.00	3522.90	3465.10	3407.40
	B		Gravelly Soil	Metre	4878.80	4798.90	4718.90	4552.00	4477.30	4402.70	4838.90	4759.60	4680.30	4512.10	4438.10	4364.10
	C		Rubble/Cobble Stone	Metre	5537.30	5446.50	5355.70	5161.10	5076.50	4991.90	5497.00	5406.90	5316.80	5120.80	5036.90	4952.90
	D		Soft Rock	Metre	4878.80	4798.90	4718.90	4552.00	4477.30	4402.70	4838.90	4759.60	4680.30	4512.10	4438.10	4364.10
	(ii)		Drilling length from 50.0 Meter - 80 meter													
	A		Sandy Soil / Cohesive Soil	Metre	4442.80	4369.90	4297.10	4157.40	4089.30	4021.10	4403.10	4330.90	4258.70	4117.80	4050.30	3982.80
	B		Gravelly Soil	Metre	5734.30	5640.30	5546.30	5355.10	5267.30	5179.50	5693.90	5600.60	5507.20	5314.70	5227.60	5140.50
	C		Rubble/Cobble Stone	Metre	6542.60	6435.30	6328.10	6104.70	6004.60	5904.60	6501.80	6395.20	6288.60	6063.90	5964.50	5865.10
	D		Soft Rock	Metre	5734.30	5640.30	5546.30	5355.10	5267.30	5179.50	5693.90	5600.60	5507.20	5314.70	5227.60	5140.50
B 7.14			Selected fill behind Reinforced Earth wall complete as per drawing and Technical Specification													
	A		Granular material	Cum	1378.00	1318.40	1283.30	1330.20	1288.10	1259.10	1376.90	1317.40	1282.30	1329.10	1287.10	1258.10
	B		Sandy material	Cum	2559.10	2497.80	2448.70	2533.80	2480.90	2434.80	1766.10	1717.80	1681.80	1740.80	1700.90	1667.80
B 7.15			Providing and laying of Filter media with granular materials/stone crushed aggregates satisfying the requirements laid down in clause 2504.2.2. of MoRTH specifications to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and Technical Specification.	Cum	1413.00	1389.90	1366.70	1210.80	1191.00	1171.10	1413.00	1389.90	1366.70	1210.80	1191.00	1171.10

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.13			Horizontal Drainage Boring methods on the types of Sandy Soil / Cohesive Soil and drilling length including cost of all materials,machinery, labour and all other ancillary operations etc.(Nominal Diameter of drilling pipe- 135 mm)													
	(i)		Drilling length below bed level upto 50.0 Meter													
	A		Sandy Soil / Cohesive Soil	Metre	3808.90	3746.50	3684.00	3562.20	3503.80	3445.40	3848.20	3785.10	3722.10	3601.50	3542.50	3483.50
	B		Gravelly Soil	Metre	4878.80	4798.90	4718.90	4552.00	4477.30	4402.70	4918.70	4838.10	4757.50	4591.90	4516.60	4441.30
	C		Rubble/Cobble Stone	Metre	5537.30	5446.50	5355.70	5161.10	5076.50	4991.90	5577.60	5486.10	5394.70	5201.40	5116.10	5030.80
	D		Soft Rock	Metre	4878.80	4798.90	4718.90	4552.00	4477.30	4402.70	4918.70	4838.10	4757.50	4591.90	4516.60	4441.30
	(ii)		Drilling length from 50.0 Meter - 80 meter													
	A		Sandy Soil / Cohesive Soil	Metre	4442.80	4369.90	4297.10	4157.40	4089.30	4021.10	4482.40	4409.00	4335.50	4197.10	4128.30	4059.50
	B		Gravelly Soil	Metre	5734.30	5640.30	5546.30	5355.10	5267.30	5179.50	5774.70	5680.00	5585.30	5395.50	5307.00	5218.60
	C		Rubble/Cobble Stone	Metre	6542.60	6435.30	6328.10	6104.70	6004.60	5904.60	6583.40	6475.50	6367.50	6145.50	6044.80	5944.00
	D		Soft Rock	Metre	5734.30	5640.30	5546.30	5355.10	5267.30	5179.50	5774.70	5680.00	5585.30	5395.50	5307.00	5218.60
B 7.14			Selected fill behind Reinforced Earth wall complete as per drawing and Technical Specification													
	A		Granular material	Cum	1378.00	1318.40	1283.30	1330.20	1288.10	1259.10	1379.00	1319.50	1284.30	1331.20	1289.20	1260.20
	B		Sandy material	Cum	2559.10	2497.80	2448.70	2533.80	2480.90	2434.80	4351.70	4261.00	4182.50	4326.40	4244.10	4168.60
B 7.15			Providing and laying of Filter media with granular materials/stone crushed aggregates satisfying the requirements laid down in clause 2504.2.2. of MoRTH specifications to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and Technical Specification.	Cum	1413.00	1389.90	1366.70	1210.80	1191.00	1171.10	1413.00	1389.90	1366.70	1210.80	1191.00	1171.10

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.13			Horizontal Drainage Boring methods on the types of Sandy Soil / Cohesive Soil and drilling length including cost of all materials,machinery, labour and all other ancillary operations etc.(Nominal Diameter of drilling pipe- 135 mm)													
	(i)		Drilling length below bed level upto 50.0 Meter													
	A		Sandy Soil / Cohesive Soil	Metre	3921.30	3857.00	3792.70	3674.60	3614.30	3554.10	3904.40	3840.40	3776.40	3657.70	3597.70	3537.80
	B		Gravelly Soil	Metre	4992.90	4911.00	4829.20	4666.00	4589.50	4513.00	4975.80	4894.20	4812.60	4648.90	4572.70	4496.50
	C		Rubble/Cobble Stone	Metre	5652.30	5559.70	5467.00	5276.10	5189.60	5103.10	5635.10	5542.70	5450.30	5258.90	5172.70	5086.40
	D		Soft Rock	Metre	4992.90	4911.00	4829.20	4666.00	4589.50	4513.00	4975.80	4894.20	4812.60	4648.90	4572.70	4496.50
	(ii)		Drilling length from 50.0 Meter - 80 meter													
	A		Sandy Soil / Cohesive Soil	Metre	4556.10	4481.40	4406.70	4270.80	4200.80	4130.80	4539.10	4464.70	4390.30	4253.80	4184.00	4114.30
	B		Gravelly Soil	Metre	5849.60	5753.70	5657.80	5470.40	5380.80	5291.10	5832.30	5736.70	5641.10	5453.10	5363.80	5274.40
	C		Rubble/Cobble Stone	Metre	6659.20	6550.00	6440.80	6221.30	6119.30	6017.30	6641.70	6532.80	6423.90	6203.80	6102.10	6000.40
	D		Soft Rock	Metre	5849.60	5753.70	5657.80	5470.40	5380.80	5291.10	5832.30	5736.70	5641.10	5453.10	5363.80	5274.40
B 7.14			Selected fill behind Reinforced Earth wall complete as per drawing and Technical Specification													
	A		Granular material	Cum	1381.00	1321.50	1286.30	1333.20	1291.10	1262.10	1380.60	1321.00	1285.80	1332.80	1290.70	1261.70
	B		Sandy material	Cum	5991.60	5874.10	5768.70	5966.30	5857.10	5754.70	5613.20	5501.80	5402.70	5587.90	5484.90	5388.70
B 7.15			Providing and laying of Filter media with granular materials/stone crushed aggregates satisfying the requirements laid down in clause 2504.2.2. of MoRTH specifications to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and Technical Specification.	Cum	1413.00	1389.90	1366.70	1210.80	1191.00	1171.10	1413.00	1389.90	1366.70	1210.80	1191.00	1171.10

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.13			Horizontal Drainage Boring methods on the types of Sandy Soil / Cohesive Soil and drilling length including cost of all materials,machinery, labour and all other ancillary operations etc.(Nominal Diameter of drilling pipe- 135 mm)													
	(i)		Drilling length below bed level upto 50.0 Meter													
	A		Sandy Soil / Cohesive Soil	Metre	3820.10	3757.50	3694.90	3573.40	3514.90	3456.30	3926.90	3862.50	3798.10	3680.20	3619.80	3559.50
	B		Gravelly Soil	Metre	4890.20	4810.10	4729.90	4563.40	4488.60	4413.70	4998.60	4916.60	4834.70	4671.70	4595.10	4518.50
	C		Rubble/Cobble Stone	Metre	5548.80	5457.80	5366.90	5172.60	5087.80	5003.00	5658.10	5565.30	5472.60	5281.90	5195.30	5108.70
	D		Soft Rock	Metre	4890.20	4810.10	4729.90	4563.40	4488.60	4413.70	4998.60	4916.60	4834.70	4671.70	4595.10	4518.50
	(ii)		Drilling length from 50.0 Meter - 80 meter													
	A		Sandy Soil / Cohesive Soil	Metre	4454.10	4381.10	4308.10	4168.80	4100.40	4032.10	4561.80	4487.00	4412.20	4276.40	4206.30	4136.20
	B		Gravelly Soil	Metre	5745.80	5651.60	5557.40	5366.60	5278.70	5190.70	5855.40	5759.40	5663.40	5476.20	5386.40	5296.70
	C		Rubble/Cobble Stone	Metre	6554.20	6446.80	6339.40	6116.40	6016.10	5915.80	6665.00	6555.70	6446.50	6227.10	6125.10	6023.00
	D		Soft Rock	Metre	5745.80	5651.60	5557.40	5366.60	5278.70	5190.70	5855.40	5759.40	5663.40	5476.20	5386.40	5296.70
B 7.14			Selected fill behind Reinforced Earth wall complete as per drawing and Technical Specification													
	A		Granular material	Cum	1378.30	1318.70	1283.60	1330.50	1288.40	1259.40	1381.20	1321.60	1286.40	1333.40	1291.30	1262.30
	B		Sandy material	Cum	2964.50	2896.60	2840.80	2939.20	2879.60	2826.90	6622.10	6494.20	6378.50	6596.80	6477.20	6364.50
B 7.15			Providing and laying of Filter media with granular materials/stone crushed aggregates satisfying the requirements laid down in clause 2504.2.2. of MoRTH specifications to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and Technical Specification.	Cum	1413.00	1389.90	1366.70	1210.80	1191.00	1171.10	1413.00	1389.90	1366.70	1210.80	1191.00	1171.10

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.13			Horizontal Drainage Boring methods on the types of Sandy Soil / Cohesive Soil and drilling length including cost of all materials,machinery, labour and all other ancillary operations etc.(Nominal Diameter of drilling pipe- 135 mm)													
	(i)		Drilling length below bed level upto 50.0 Meter													
	A		Sandy Soil / Cohesive Soil	Metre	3825.80	3763.00	3700.30	3579.10	3520.40	3461.70	3876.30	3812.80	3749.20	3629.60	3570.10	3510.60
	B		Gravelly Soil	Metre	4895.90	4815.70	4735.40	4569.10	4494.20	4419.30	4947.30	4866.20	4785.00	4620.40	4544.60	4468.90
	C		Rubble/Cobble Stone	Metre	5554.50	5463.50	5372.40	5178.30	5093.50	5008.60	5606.30	5514.40	5422.50	5230.10	5144.40	5058.60
	D		Soft Rock	Metre	4895.90	4815.70	4735.40	4569.10	4494.20	4419.30	4947.30	4866.20	4785.00	4620.40	4544.60	4468.90
	(ii)		Drilling length from 50.0 Meter - 80 meter													
	A		Sandy Soil / Cohesive Soil	Metre	4459.80	4386.70	4313.50	4174.40	4106.00	4037.60	4510.80	4436.80	4362.90	4225.40	4156.20	4086.90
	B		Gravelly Soil	Metre	5751.60	5657.30	5563.00	5372.40	5284.30	5196.30	5803.50	5708.40	5613.20	5424.30	5335.40	5246.50
	C		Rubble/Cobble Stone	Metre	6560.10	6452.50	6345.00	6122.20	6021.80	5921.50	6612.50	6504.10	6395.70	6174.70	6073.50	5972.20
	D		Soft Rock	Metre	5751.60	5657.30	5563.00	5372.40	5284.30	5196.30	5803.50	5708.40	5613.20	5424.30	5335.40	5246.50
B 7.14			Selected fill behind Reinforced Earth wall complete as per drawing and Technical Specification													
	A		Granular material	Cum	1378.40	1318.90	1283.70	1330.60	1288.60	1259.60	1379.80	1320.20	1285.10	1332.00	1289.90	1260.90
	B		Sandy material	Cum	3721.00	3640.70	3572.60	3695.70	3623.80	3558.60	4352.00	4261.40	4182.90	4326.80	4244.40	4168.90
B 7.15			Providing and laying of Filter media with granular materials/stone crushed aggregates satisfying the requirements laid down in clause 2504.2.2. of MoRTH specifications to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and Technical Specification.	Cum	1413.00	1389.90	1366.70	1210.80	1191.00	1171.10	1413.00	1389.90	1366.70	1210.80	1191.00	1171.10

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.13			Horizontal Drainage Boring methods on the types of Sandy Soil / Cohesive Soil and drilling length including cost of all materials,machinery, labour and all other ancillary operations etc.(Nominal Diameter of drilling pipe- 135 mm)													
	(i)		Drilling length below bed level upto 50.0 Meter													
	A		Sandy Soil / Cohesive Soil	Metre	3983.00	3917.80	3852.50	3736.40	3675.10	3613.90	3949.30	3884.60	3819.90	3702.70	3642.00	3581.30
	B		Gravelly Soil	Metre	5055.60	4972.70	4889.80	4728.70	4651.20	4573.70	5021.40	4939.00	4856.70	4694.50	4617.50	4540.60
	C		Rubble/Cobble Stone	Metre	5715.60	5621.90	5528.20	5339.40	5251.90	5164.30	5681.10	5588.00	5494.80	5304.90	5217.90	5131.00
	D		Soft Rock	Metre	5055.60	4972.70	4889.80	4728.70	4651.20	4573.70	5021.40	4939.00	4856.70	4694.50	4617.50	4540.60
	(ii)		Drilling length from 50.0 Meter - 80 meter													
	A		Sandy Soil / Cohesive Soil	Metre	4618.40	4542.70	4467.00	4333.10	4262.10	4191.00	4584.40	4509.30	4434.10	4299.10	4228.60	4158.20
	B		Gravelly Soil	Metre	5913.10	5816.10	5719.20	5533.90	5443.20	5352.40	5878.50	5782.10	5685.70	5499.30	5409.10	5319.00
	C		Rubble/Cobble Stone	Metre	6723.30	6613.10	6502.90	6285.40	6182.40	6079.40	6688.30	6578.70	6469.00	6250.50	6148.00	6045.50
	D		Soft Rock	Metre	5913.10	5816.10	5719.20	5533.90	5443.20	5352.40	5878.50	5782.10	5685.70	5499.30	5409.10	5319.00
B 7.14			Selected fill behind Reinforced Earth wall complete as per drawing and Technical Specification													
	A		Granular material	Cum	1382.70	1323.10	1287.90	1334.90	1292.80	1263.70	1381.80	1322.20	1287.00	1334.00	1291.90	1262.90
	B		Sandy material	Cum	10026.80	9843.10	9671.60	10001.50	9826.20	9657.60	8135.30	7982.60	7842.10	8110.00	7965.60	7828.10
B 7.15			Providing and laying of Filter media with granular materials/stone crushed aggregates satisfying the requirements laid down in clause 2504.2.2. of MoRTH specifications to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and Technical Specification.	Cum	1413.00	1389.90	1366.70	1210.80	1191.00	1171.10	1413.00	1389.90	1366.70	1210.80	1191.00	1171.10

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.16			Supplying & laying of drainage composite for use behind walls with Geosynthetic Drainage Composite													
	A		Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. Geocompoaite for drainage, realised by thermo-bonding a draining core in extruded monofilaments with two filtering nonwoven geotextiles that may also be working as seperation or protecting layeers. The draining Three dimensional core will have "W" configuration as longitudinal parallel channels. Minimum thickness to be 7.2mm, with two filtering UV stabilised polypropylene non woven geo textiles of minimum thickness 0.75mm having pores of 150 micron and tensile strength of 8.0kN/m that will be working as seperation or protecting layer, geocomposite having in plane flow capacity of 2.1 L/(m.s) at hydraulic gradient of 1.0 & 20 kpa pressure and tensile strength of 18 kN/m, with mass per unit area of 740 gsm, supplied in the form of roll for easy transportation to the site of work as per detailed specification all complete as per direction of Engineer in Charge	Sqm	1026.80	1010.00	993.20	1022.20	1005.40	988.70	960.90	945.10	929.40	956.30	940.60	924.90
	B		Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. having thermobonding a draining core - HDPE geonet comprises of two sets of parallel overlayed ribs integrally connected to have a rhomboidal shape with a polyethylene film and a nonwoven geotextile having mass per unit area 130 g/m2 and tensile strength of 8.0 kN/m that will be working as separation or protecting layer, geocomposite having in plane flow capacity of 0.7 L / (m.s) at hydraulic gradient of 1.0 & 20 kPa pressure and tensile strength of 13.5 kN/ m , with mass per unit area of 830 gsm, at easily accessible location including top and bottom, with all leads and lifts, manpower and machinery, materials, labour etc. complete and as directed by Engineer - In - Charge.	Sqm	1217.10	1197.10	1177.20	1212.40	1192.50	1172.70	1138.70	1120.00	1101.30	1134.00	1115.40	1096.80
B 7.17			Geocell for Slope Protection													
			Furnishing and installing of the Geocell for Slope Protection including fixing and anchoring of cells in the ground ,preparation of ground, filling of cells with specified materials, seeding,watering and all other incidentals including all other items to complete the work as per these specifications drawing or as directed by the engineer.	Sqm	301.30	296.40	291.50	297.70	292.80	287.90	282.70	278.00	273.40	279.00	274.50	269.90

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.16			Supplying & laying of drainage composite for use behind walls with Geosynthetic Drainage Composite													
	A		Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. Geocompoaite for drainage, realised by thermo-bonding a draining core in extruded monofilaments with two filtering nonwoven geotextiles that may also be working as seperation or protecting layeers. The draining Three dimensional core will have "W" configuration as longitudinal parallel channels. Minimum thickness to be 7.2mm, with two filtering UV stabilised polypropylene non woven geo textiles of minimum thickness 0.75mm having pores of 150 micron and tensile strength of 8.0kN/m that will be working as seperation or protecting layer, geocomposite having in plane flow capacity of 2.1 L/(m.s) at hydraulic gradient of 1.0 & 20 kpa pressure and tensile strength of 18 kN/m, with mass per unit area of 740 gsm, supplied in the form of roll for easy transportation to the site of work as per detailed specification all complete as per direction of Engineer in Charge	Sqm	1026.80	1010.00	993.20	1022.20	1005.40	988.70	1092.80	1074.90	1057.00	1088.20	1070.30	1052.50
	B		Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. having thermobonding a draining core - HDPE geonet comprises of two sets of parallel overlayed ribs integrally connected to have a rhomboidal shape with a polyethylene film and a nonwoven geotextile having mass per unit area 130 g/m2 and tensile strength of 8.0 kN/m that will be working as separation or protecting layer, geocomposite having in plane flow capacity of 0.7 L / (m.s) at hydraulic gradient of 1.0 & 20 kPa pressure and tensile strength of 13.5 kN/ m , with mass per unit area of 830 gsm, at easily accessible location including top and bottom, with all leads and lifts, manpower and machinery, materials, labour etc. complete and as directed by Engineer - In - Charge.	Sqm	1217.10	1197.10	1177.20	1212.40	1192.50	1172.70	1295.50	1274.20	1253.00	1290.80	1269.70	1248.50
B 7.17			Geocell for Slope Protection													
			Furnishing and installing of the Geocell for Slope Protection including fixing and anchoring of cells in the ground ,preparation of ground, filling of cells with specified materials, seeding,watering and all other incidentals including all other items to complete the work as per these specifications drawing or as directed by the engineer.	Sqm	301.30	296.40	291.50	297.70	292.80	287.90	320.00	314.80	309.50	316.40	311.20	306.00

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.16			Supplying & laying of drainage composite for use behind walls with Geosynthetic Drainage Composite													
	A		Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. Geocompoaite for drainage, realised by thermo-bonding a draining core in extruded monofilaments with two filtering nonwoven geotextiles that may also be working as seperation or protecting layeers. The draining Three dimensional core will have "W" configuration as longitudinal parallel channels. Minimum thickness to be 7.2mm, with two filtering UV stabilised polypropylene non woven geo textiles of minimum thickness 0.75mm having pores of 150 micron and tensile strength of 8.0kN/m that will be working as seperation or protecting layer, geocomposite having in plane flow capacity of 2.1 L/(m.s) at hydraulic gradient of 1.0 & 20 kpa pressure and tensile strength of 18 kN/m, with mass per unit area of 740 gsm, supplied in the form of roll for easy transportation to the site of work as per detailed specification all complete as per direction of Engineer in Charge	Sqm	1215.30	1195.40	1175.40	1210.60	1190.80	1171.00	1187.00	1167.60	1148.10	1182.40	1163.00	1143.60
	B		Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. having thermobonding a draining core - HDPE geonet comprises of two sets of parallel overlayed ribs integrally connected to have a rhomboidal shape with a polyethylene film and a nonwoven geotextile having mass per unit area 130 g/m2 and tensile strength of 8.0 kN/m that will be working as separation or protecting layer, geocomposite having in plane flow capacity of 0.7 L / (m.s) at hydraulic gradient of 1.0 & 20 kPa pressure and tensile strength of 13.5 kN/ m , with mass per unit area of 830 gsm, at easily accessible location including top and bottom, with all leads and lifts, manpower and machinery, materials, labour etc. complete and as directed by Engineer - In - Charge.	Sqm	1441.10	1417.40	1393.80	1436.40	1412.90	1389.30	1407.50	1384.40	1361.30	1402.80	1379.80	1356.80
B 7.17			Geocell for Slope Protection													
			Furnishing and installing of the Geocell for Slope Protection including fixing and anchoring of cells in the ground ,preparation of ground, filling of cells with specified materials, seeding,watering and all other incidentals including all other items to complete the work as per these specifications drawing or as directed by the engineer.	Sqm	354.70	348.90	343.10	351.00	345.30	339.50	346.70	341.00	335.30	343.00	337.40	331.80

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.16			Supplying & laying of drainage composite for use behind walls with Geosynthetic Drainage Composite													
	A		Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. Geocompoaite for drainage, realised by thermo-bonding a draining core in extruded monofilaments with two filtering nonwoven geotextiles that may also be working as seperation or protecting layeers. The draining Three dimensional core will have "W" configuration as longitudinal parallel channels. Minimum thickness to be 7.2mm, with two filtering UV stabilised polypropylene non woven geo textiles of minimum thickness 0.75mm having pores of 150 micron and tensile strength of 8.0kN/m that will be working as seperation or protecting layer, geocomposite having in plane flow capacity of 2.1 L/(m.s) at hydraulic gradient of 1.0 & 20 kpa pressure and tensile strength of 18 kN/m, with mass per unit area of 740 gsm, supplied in the form of roll for easy transportation to the site of work as per detailed specification all complete as per direction of Engineer in Charge	Sqm	1045.70	1028.50	1011.40	1041.10	1024.00	1006.90	1224.70	1204.60	1184.60	1220.10	1200.10	1180.10
	B		Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. having thermobonding a draining core - HDPE geonet comprises of two sets of parallel overlayed ribs integrally connected to have a rhomboidal shape with a polyethylene film and a nonwoven geotextile having mass per unit area 130 g/m2 and tensile strength of 8.0 kN/m that will be working as separation or protecting layer, geocomposite having in plane flow capacity of 0.7 L / (m.s) at hydraulic gradient of 1.0 & 20 kPa pressure and tensile strength of 13.5 kN/ m , with mass per unit area of 830 gsm, at easily accessible location including top and bottom, with all leads and lifts, manpower and machinery, materials, labour etc. complete and as directed by Engineer - In - Charge.	Sqm	1239.50	1219.10	1198.80	1234.80	1214.60	1194.30	1452.30	1428.40	1404.60	1447.60	1423.90	1400.20
B 7.17			Geocell for Slope Protection													
			Furnishing and installing of the Geocell for Slope Protection including fixing and anchoring of cells in the ground ,preparation of ground, filling of cells with specified materials, seeding,watering and all other incidentals including all other items to complete the work as per these specifications drawing or as directed by the engineer.	Sqm	306.70	301.70	296.60	303.00	298.10	293.10	357.30	351.50	345.60	353.70	347.90	342.10

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.16			Supplying & laying of drainage composite for use behind walls with Geosynthetic Drainage Composite													
	A		Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. Geocompoaite for drainage, realised by thermo-bonding a draining core in extruded monofilaments with two filtering nonwoven geotextiles that may also be working as seperation or protecting layeers. The draining Three dimensional core will have "W" configuration as longitudinal parallel channels. Minimum thickness to be 7.2mm, with two filtering UV stabilised polypropylene non woven geo textiles of minimum thickness 0.75mm having pores of 150 micron and tensile strength of 8.0kN/m that will be working as seperation or protecting layer, geocomposite having in plane flow capacity of 2.1 L/(m.s) at hydraulic gradient of 1.0 & 20 kpa pressure and tensile strength of 18 kN/m, with mass per unit area of 740 gsm, supplied in the form of roll for easy transportation to the site of work as per detailed specification all complete as per direction of Engineer in Charge	Sqm	1055.10	1037.80	1020.50	1050.50	1033.30	1016.00	1139.90	1121.20	1102.50	1135.30	1116.70	1098.00
	B		Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. having thermobonding a draining core - HDPE geonet comprises of two sets of parallel overlayed ribs integrally connected to have a rhomboidal shape with a polyethylene film and a nonwoven geotextile having mass per unit area 130 g/m2 and tensile strength of 8.0 kN/m that will be working as separation or protecting layer, geocomposite having in plane flow capacity of 0.7 L / (m.s) at hydraulic gradient of 1.0 & 20 kPa pressure and tensile strength of 13.5 kN/ m , with mass per unit area of 830 gsm, at easily accessible location including top and bottom, with all leads and lifts, manpower and machinery, materials, labour etc. complete and as directed by Engineer - In - Charge.	Sqm	1250.70	1230.20	1209.70	1246.00	1225.60	1205.20	1351.50	1329.30	1307.10	1346.80	1324.70	1302.70
B 7.17			Geocell for Slope Protection													
			Furnishing and installing of the Geocell for Slope Protection including fixing and anchoring of cells in the ground ,preparation of ground, filling of cells with specified materials, seeding,watering and all other incidentals including all other items to complete the work as per these specifications drawing or as directed by the engineer.	Sqm	309.30	304.30	299.20	305.70	300.70	295.70	333.30	327.90	322.40	329.70	324.30	318.90

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.16			Supplying & laying of drainage composite for use behind walls with Geosynthetic Drainage Composite													
	A		Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. Geocompoaite for drainage, realised by thermo-bonding a draining core in extruded monofilaments with two filtering nonwoven geotextiles that may also be working as seperation or protecting layeers. The draining Three dimensional core will have "W" configuration as longitudinal parallel channels. Minimum thickness to be 7.2mm, with two filtering UV stabilised polypropylene non woven geo textiles of minimum thickness 0.75mm having pores of 150 micron and tensile strength of 8.0kN/m that will be working as seperation or protecting layer, geocomposite having in plane flow capacity of 2.1 L/(m.s) at hydraulic gradient of 1.0 & 20 kpa pressure and tensile strength of 18 kN/m, with mass per unit area of 740 gsm, supplied in the form of roll for easy transportation to the site of work as per detailed specification all complete as per direction of Engineer in Charge	Sqm	1318.90	1297.30	1275.70	1314.30	1292.70	1271.20	1262.40	1241.70	1221.00	1257.80	1237.10	1216.50
	B		Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. having thermobonding a draining core - HDPE geonet comprises of two sets of parallel overlayed ribs integrally connected to have a rhomboidal shape with a polyethylene film and a nonwoven geotextile having mass per unit area 130 g/m2 and tensile strength of 8.0 kN/m that will be working as separation or protecting layer, geocomposite having in plane flow capacity of 0.7 L / (m.s) at hydraulic gradient of 1.0 & 20 kPa pressure and tensile strength of 13.5 kN/ m , with mass per unit area of 830 gsm, at easily accessible location including top and bottom, with all leads and lifts, manpower and machinery, materials, labour etc. complete and as directed by Engineer - In - Charge.	Sqm	1564.30	1538.60	1513.00	1559.60	1534.00	1508.50	1497.10	1472.50	1448.00	1492.40	1468.00	1443.50
B 7.17			Geocell for Slope Protection													
			Furnishing and installing of the Geocell for Slope Protection including fixing and anchoring of cells in the ground ,preparation of ground, filling of cells with specified materials, seeding,watering and all other incidentals including all other items to complete the work as per these specifications drawing or as directed by the engineer.	Sqm	384.00	377.70	371.40	380.40	374.10	367.90	368.00	362.00	355.90	364.40	358.40	352.40

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.18			Geosynthetics mat on the slope													
			Furnishing and installing of the Geosynthetics mat for control of erosion of slopes including supplying and laying the mat, spreading soil and seeding to promote the design of vegetation, watering and all other incidentals including all other items to complete the work as per these specifications drawing or as directed by the engineer .	Sqm	339.40	333.80	328.30	335.70	330.20	324.70	318.20	313.00	307.80	314.60	309.40	304.30
B 7.19			Natural Geotextile on the slope													
			Furnishing and installing of the natural geotextile for control of erosion of slopes including supplying and laying the natural geotextile, spreading soil and seeding to promote the design of vegetation, watering and all other incidentals including all other items to complete the work as per these specifications drawing or as directed by the engineer .	Sqm	103.70	102.00	100.30	100.00	98.40	96.80	98.00	96.30	94.70	94.30	92.80	91.20

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.18			Geosynthetics mat on the slope													
			Furnishing and installing of the Geosynthetics mat for control of erosion of slopes including supplying and laying the mat, spreading soil and seeding to promote the design of vegetation, watering and all other incidentals including all other items to complete the work as per these specifications drawing or as directed by the engineer .	Sqm	339.40	333.80	328.30	335.70	330.20	324.70	360.50	354.60	348.70	356.90	351.00	345.20
B 7.19			Natural Geotextile on the slope													
			Furnishing and installing of the natural geotextile for control of erosion of slopes including supplying and laying the natural geotextile, spreading soil and seeding to promote the design of vegetation, watering and all other incidentals including all other items to complete the work as per these specifications drawing or as directed by the engineer .	Sqm	103.70	102.00	100.30	100.00	98.40	96.80	109.40	107.60	105.80	105.80	104.00	102.30

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.18			Geosynthetics mat on the slope													
			Furnishing and installing of the Geosynthetics mat for control of erosion of slopes including supplying and laying the mat, spreading soil and seeding to promote the design of vegetation, watering and all other incidentals including all other items to complete the work as per these specifications drawing or as directed by the engineer .	Sqm	399.80	393.30	386.70	396.20	389.70	383.20	390.80	384.40	378.00	387.10	380.80	374.40
B 7.19			Natural Geotextile on the slope													
			Furnishing and installing of the natural geotextile for control of erosion of slopes including supplying and laying the natural geotextile, spreading soil and seeding to promote the design of vegetation, watering and all other incidentals including all other items to complete the work as per these specifications drawing or as directed by the engineer .	Sqm	120.10	118.10	116.10	116.40	114.50	112.60	117.60	115.70	113.80	114.00	112.10	110.20

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.18			Geosynthetics mat on the slope													
			Furnishing and installing of the Geosynthetics mat for control of erosion of slopes including supplying and laying the mat, spreading soil and seeding to promote the design of vegetation, watering and all other incidentals including all other items to complete the work as per these specifications drawing or as directed by the engineer .	Sqm	345.40	339.80	334.10	341.80	336.20	330.60	402.90	396.30	389.60	399.20	392.70	386.10
B 7.19			Natural Geotextile on the slope													
			Furnishing and installing of the natural geotextile for control of erosion of slopes including supplying and laying the natural geotextile, spreading soil and seeding to promote the design of vegetation, watering and all other incidentals including all other items to complete the work as per these specifications drawing or as directed by the engineer .	Sqm	105.30	103.60	101.90	101.70	100.00	98.30	120.90	118.90	116.90	117.20	115.30	113.40

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.18			Geosynthetics mat on the slope													
			Furnishing and installing of the Geosynthetics mat for control of erosion of slopes including supplying and laying the mat, spreading soil and seeding to promote the design of vegetation, watering and all other incidentals including all other items to complete the work as per these specifications drawing or as directed by the engineer .	Sqm	348.50	342.70	337.00	344.80	339.20	333.50	375.70	369.50	363.30	372.00	365.90	359.80
B 7.19			Natural Geotextile on the slope													
			Furnishing and installing of the natural geotextile for control of erosion of slopes including supplying and laying the natural geotextile, spreading soil and seeding to promote the design of vegetation, watering and all other incidentals including all other items to complete the work as per these specifications drawing or as directed by the engineer .	Sqm	106.10	104.40	102.70	102.50	100.80	99.10	113.50	111.70	109.80	109.90	108.10	106.30

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 7.18			Geosynthetics mat on the slope													
			Furnishing and installing of the Geosynthetics mat for control of erosion of slopes including supplying and laying the mat, spreading soil and seeding to promote the design of vegetation, watering and all other incidentals including all other items to complete the work as per these specifications drawing or as directed by the engineer .	Sqm	433.10	426.00	418.90	429.40	422.40	415.30	414.90	408.10	401.30	411.30	404.50	397.80
B 7.19			Natural Geotextile on the slope													
			Furnishing and installing of the natural geotextile for control of erosion of slopes including supplying and laying the natural geotextile, spreading soil and seeding to promote the design of vegetation, watering and all other incidentals including all other items to complete the work as per these specifications drawing or as directed by the engineer .	Sqm	129.10	127.00	124.90	125.40	123.40	121.30	124.20	122.10	120.10	120.50	118.50	116.60

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			08 : TRAFFIC SIGNS, MARKINGS & OTHER ROAD APPURTENANCES													
B 8.01			Cast in Situ Cement Concrete M20 Kerb													
			Construction of cement concrete kerb with top and bottom width 115mm and 165 mm respectively, 250 mm high in M 20 grade on M-15 grade foundation 150 mm thick, foundation having 50 mm projection beyond kerb stone, kerb stone laid with kerb laying machine, foundation concrete laid manually, all complete as per clause 409													
			Using Concrete Batching and Mixing Plant													
	(i)		PCC M15 for Kerb Base	Metre	296.30	290.60	285.50	290.10	284.90	280.00	279.60	274.20	269.30	273.40	268.50	263.90
	(ii)		PCC M20 for Kerb cast in situ	Metre	343.70	334.80	328.20	337.50	330.30	324.30	324.10	315.50	309.30	317.90	311.10	305.40
B 8.02			Cast in Situ Cement Concrete M 20 Kerb with Channel													
			Construction of cement concrete kerb with channel with top and bottom width 115 and 165 mm respectively, 250 mm high in M 20 grade PCC on M15 grade foundation 150 mm thick, kerb channel 300 mm wide, 50 mm thick in PCC M20 grade, sloped towards the kerb, kerb stone with channel laid with kerb laying machine, foundation concrete laid manually, all complete as per clause 409													
			Using Concrete Batching and Mixing Plant													
	(i)		PCC M15 for Kerb Base	Metre	301.70	295.90	290.80	294.60	289.30	284.40	285.00	279.50	274.60	277.90	272.90	268.30
	(ii)		PCC M20 for Kerb cast in situ	Metre	487.10	474.40	465.10	525.20	514.30	505.00	459.20	446.90	438.00	497.30	486.80	478.00
B 8.03			Printing New Letter and Figures of any Shade													
			Printing new letter and figures of any shade with synthetic enamel paint black or any other approved colour to give an even shade													
	(i)		Hindi (Matras commas and the like not to be measured and paid for Half letter shall be counted as half)	Per Cm Height per Letter	2.40	2.40	2.30	1.80	1.80	1.80	2.40	2.40	2.30	1.80	1.80	1.80
	(ii)		English and Roman (Hyphens and the like not to be measured and paid for)	Per Cm Height per Letter	1.40	1.40	1.40	1.10	1.10	1.10	1.40	1.40	1.40	1.10	1.10	1.10

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			08 : TRAFFIC SIGNS, MARKINGS & OTHER ROAD APPURTENANCES													
B 8.01			Cast in Situ Cement Concrete M20 Kerb													
			Construction of cement concrete kerb with top and bottom width 115mm and 165 mm respectively, 250 mm high in M 20 grade on M-15 grade foundation 150 mm thick, foundation having 50 mm projection beyond kerb stone, kerb stone laid with kerb laying machine, foundation concrete laid manually, all complete as per clause 409													
			Using Concrete Batching and Mixing Plant													
	(i)		PCC M15 for Kerb Base	Metre	296.30	290.60	285.50	290.10	284.90	280.00	351.50	345.00	339.00	345.30	339.30	333.50
	(ii)		PCC M20 for Kerb cast in situ	Metre	343.70	334.80	328.20	337.50	330.30	324.30	403.80	393.90	386.40	397.60	389.50	382.50
B 8.02			Cast in Situ Cement Concrete M 20 Kerb with Channel													
			Construction of cement concrete kerb with channel with top and bottom width 115 and 165 mm respectively, 250 mm high in M 20 grade PCC on M15 grade foundation 150 mm thick, kerb channel 300 mm wide, 50 mm thick in PCC M20 grade, sloped towards the kerb, kerb stone with channel laid with kerb laying machine, foundation concrete laid manually, all complete as per clause 409													
			Using Concrete Batching and Mixing Plant													
	(i)		PCC M15 for Kerb Base	Metre	301.70	295.90	290.80	294.60	289.30	284.40	357.00	350.30	344.20	349.90	343.70	337.90
	(ii)		PCC M20 for Kerb cast in situ	Metre	487.10	474.40	465.10	525.20	514.30	505.00	573.10	558.90	548.20	611.20	598.80	588.10
B 8.03			Printing New Letter and Figures of any Shade													
			Printing new letter and figures of any shade with synthetic enamel paint black or any other approved colour to give an even shade													
	(i)		Hindi (Matras commas and the like not to be measured and paid for Half letter shall be counted as half)	Per Cm Height per Letter	2.40	2.40	2.30	1.80	1.80	1.80	2.40	2.40	2.30	1.90	1.80	1.80
	(ii)		English and Roman (Hyphens and the like not to be measured and paid for)	Per Cm Height per Letter	1.40	1.40	1.40	1.10	1.10	1.10	1.50	1.40	1.40	1.10	1.10	1.10

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			08 : TRAFFIC SIGNS, MARKINGS & OTHER ROAD APPURTENANCES													
B 8.01			Cast in Situ Cement Concrete M20 Kerb													
			Construction of cement concrete kerb with top and bottom width 115mm and 165 mm respectively, 250 mm high in M 20 grade on M-15 grade foundation 150 mm thick, foundation having 50 mm projection beyond kerb stone, kerb stone laid with kerb laying machine, foundation concrete laid manually, all complete as per clause 409													
			Using Concrete Batching and Mixing Plant													
	(i)		PCC M15 for Kerb Base	Metre	388.70	381.50	374.90	382.50	375.80	369.40	380.10	373.10	366.60	373.90	367.40	361.20
	(ii)		PCC M20 for Kerb cast in situ	Metre	447.90	437.20	428.90	441.70	432.80	425.10	437.70	427.20	419.10	431.50	422.80	415.20
B 8.02			Cast in Situ Cement Concrete M 20 Kerb with Channel													
			Construction of cement concrete kerb with channel with top and bottom width 115 and 165 mm respectively, 250 mm high in M 20 grade PCC on M15 grade foundation 150 mm thick, kerb channel 300 mm wide, 50 mm thick in PCC M20 grade, sloped towards the kerb, kerb stone with channel laid with kerb laying machine, foundation concrete laid manually, all complete as per clause 409													
			Using Concrete Batching and Mixing Plant													
	(i)		PCC M15 for Kerb Base	Metre	394.10	386.90	380.20	387.00	380.30	373.80	385.60	378.40	371.90	378.40	371.80	365.50
	(ii)		PCC M20 for Kerb cast in situ	Metre	635.90	620.70	609.00	674.00	660.60	648.90	621.40	606.50	594.90	659.50	646.40	634.90
B 8.03			Printing New Letter and Figures of any Shade													
			Printing new letter and figures of any shade with synthetic enamel paint black or any other approved colour to give an even shade													
	(i)		Hindi (Matras commas and the like not to be measured and paid for Half letter shall be counted as half)	Per Cm Height per Letter	2.40	2.40	2.40	1.90	1.80	1.80	2.40	2.40	2.40	1.90	1.80	1.80
	(ii)		English and Roman (Hyphens and the like not to be measured and paid for)	Per Cm Height per Letter	1.50	1.40	1.40	1.10	1.10	1.10	1.50	1.40	1.40	1.10	1.10	1.10

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			08 : TRAFFIC SIGNS, MARKINGS & OTHER ROAD APPURTENANCES													
B 8.01			Cast in Situ Cement Concrete M20 Kerb													
			Construction of cement concrete kerb with top and bottom width 115mm and 165 mm respectively, 250 mm high in M 20 grade on M-15 grade foundation 150 mm thick, foundation having 50 mm projection beyond kerb stone, kerb stone laid with kerb laying machine, foundation concrete laid manually, all complete as per clause 409													
			<i>Using Concrete Batching and Mixing Plant</i>													
	(i)		PCC M15 for Kerb Base	Metre	320.10	314.10	308.60	313.90	308.40	303.10	403.00	395.60	388.70	396.80	389.90	383.20
	(ii)		PCC M20 for Kerb cast in situ	Metre	366.70	357.40	350.50	360.50	353.00	346.60	464.70	453.80	445.20	458.50	449.30	441.30
B 8.02			Cast in Situ Cement Concrete M 20 Kerb with Channel													
			Construction of cement concrete kerb with channel with top and bottom width 115 and 165 mm respectively, 250 mm high in M 20 grade PCC on M15 grade foundation 150 mm thick, kerb channel 300 mm wide, 50 mm thick in PCC M20 grade, sloped towards the kerb, kerb stone with channel laid with kerb laying machine, foundation concrete laid manually, all complete as per clause 409													
			<i>Using Concrete Batching and Mixing Plant</i>													
	(i)		PCC M15 for Kerb Base	Metre	325.60	319.40	313.90	318.50	312.80	307.50	408.40	400.90	394.00	401.30	394.30	387.60
	(ii)		PCC M20 for Kerb cast in situ	Metre	520.00	506.70	496.90	558.10	546.60	536.80	660.00	644.40	632.20	698.10	684.30	672.20
B 8.03			Printing New Letter and Figures of any Shade													
			Printing new letter and figures of any shade with synthetic enamel paint black or any other approved colour to give an even shade													
	(i)		Hindi (Matras commas and the like not to be measured and paid for Half letter shall be counted as half)	Per Cm Height per Letter	2.40	2.40	2.30	1.80	1.80	1.80	2.40	2.40	2.40	1.90	1.80	1.80
	(ii)		English and Roman (Hyphens and the like not to be measured and paid for)	Per Cm Height per Letter	1.40	1.40	1.40	1.10	1.10	1.10	1.50	1.40	1.40	1.10	1.10	1.10

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			08 : TRAFFIC SIGNS, MARKINGS & OTHER ROAD APPURTENANCES													
B 8.01			Cast in Situ Cement Concrete M20 Kerb													
			Construction of cement concrete kerb with top and bottom width 115mm and 165 mm respectively, 250 mm high in M 20 grade on M-15 grade foundation 150 mm thick, foundation having 50 mm projection beyond kerb stone, kerb stone laid with kerb laying machine, foundation concrete laid manually, all complete as per clause 409													
			<i>Using Concrete Batching and Mixing Plant</i>													
	(i)		PCC M15 for Kerb Base	Metre	337.30	330.90	325.10	331.10	325.20	319.70	351.60	345.00	339.00	345.40	339.30	333.50
	(ii)		PCC M20 for Kerb cast in situ	Metre	386.90	377.30	370.00	380.70	372.80	366.10	403.90	394.00	386.50	397.70	389.60	382.60
B 8.02			Cast in Situ Cement Concrete M 20 Kerb with Channel													
			Construction of cement concrete kerb with channel with top and bottom width 115 and 165 mm respectively, 250 mm high in M 20 grade PCC on M15 grade foundation 150 mm thick, kerb channel 300 mm wide, 50 mm thick in PCC M20 grade, sloped towards the kerb, kerb stone with channel laid with kerb laying machine, foundation concrete laid manually, all complete as per clause 409													
			<i>Using Concrete Batching and Mixing Plant</i>													
	(i)		PCC M15 for Kerb Base	Metre	342.70	336.30	330.40	335.60	329.70	324.10	357.00	350.40	344.30	349.90	343.80	337.90
	(ii)		PCC M20 for Kerb cast in situ	Metre	548.90	535.10	524.80	587.00	575.00	564.70	573.20	559.00	548.30	611.30	598.90	588.20
B 8.03			Printing New Letter and Figures of any Shade													
			Printing new letter and figures of any shade with synthetic enamel paint black or any other approved colour to give an even shade													
	(i)		Hindi (Matras commas and the like not to be measured and paid for Half letter shall be counted as half)	Per Cm Height per Letter	2.40	2.40	2.30	1.80	1.80	1.80	2.40	2.40	2.30	1.90	1.80	1.80
	(ii)		English and Roman (Hyphens and the like not to be measured and paid for)	Per Cm Height per Letter	1.40	1.40	1.40	1.10	1.10	1.10	1.50	1.40	1.40	1.10	1.10	1.10

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			08 : TRAFFIC SIGNS, MARKINGS & OTHER ROAD APPURTENANCES													
B 8.01			Cast in Situ Cement Concrete M20 Kerb													
			Construction of cement concrete kerb with top and bottom width 115mm and 165 mm respectively, 250 mm high in M 20 grade on M-15 grade foundation 150 mm thick, foundation having 50 mm projection beyond kerb stone, kerb stone laid with kerb laying machine, foundation concrete laid manually, all complete as per clause 409													
			<i>Using Concrete Batching and Mixing Plant</i>													
	(i)		PCC M15 for Kerb Base	Metre	480.00	471.40	463.20	473.80	465.70	457.80	437.20	429.20	421.80	431.00	423.60	416.40
	(ii)		PCC M20 for Kerb cast in situ	Metre	555.80	543.40	533.30	549.60	538.90	529.40	505.20	493.60	484.40	499.00	489.10	480.50
B 8.02			Cast in Situ Cement Concrete M 20 Kerb with Channel													
			Construction of cement concrete kerb with channel with top and bottom width 115 and 165 mm respectively, 250 mm high in M 20 grade PCC on M15 grade foundation 150 mm thick, kerb channel 300 mm wide, 50 mm thick in PCC M20 grade, sloped towards the kerb, kerb stone with channel laid with kerb laying machine, foundation concrete laid manually, all complete as per clause 409													
			<i>Using Concrete Batching and Mixing Plant</i>													
	(i)		PCC M15 for Kerb Base	Metre	485.40	476.70	468.50	478.30	470.10	462.10	442.60	434.60	427.10	435.50	428.00	420.70
	(ii)		PCC M20 for Kerb cast in situ	Metre	790.10	772.40	758.10	828.20	812.30	798.00	717.80	701.30	688.20	755.90	741.20	728.10
B 8.03			Printing New Letter and Figures of any Shade													
			Printing new letter and figures of any shade with synthetic enamel paint black or any other approved colour to give an even shade													
	(i)		Hindi (Matras commas and the like not to be measured and paid for Half letter shall be counted as half)	Per Cm Height per Letter	2.50	2.40	2.40	1.90	1.90	1.80	2.40	2.40	2.40	1.90	1.80	1.80
	(ii)		English and Roman (Hyphens and the like not to be measured and paid for)	Per Cm Height per Letter	1.50	1.40	1.40	1.10	1.10	1.10	1.50	1.40	1.40	1.10	1.10	1.10

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.04			Retro-Reflectorised Traffic Signs													
	A		Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign as per IRC :67 made of Class B Type IV retro reflective sheeting fixed over 2 mm thick aluminium sheeting vide clause 801.3, 3mm/4mm thick Aluminium Composite material sheet depending upon the size of the sign fixed over back supported frame of minimum 25 mm x 25 mm x 3 mm Angle mounted on a mild steel circular pipe 65 NB, 3.2 mm thickness firmly fixed to the ground by means of properly designed foundation with M25 grade cement concrete 45 cm x 45 cm x 60 cm, 60 cm below ground level as per approved drawing. The sign shall be maintained as per section 12 of IRC 67													
	(i)		120 cm equilateral triangle	Each	8749.30	8587.60	8438.80	8690.50	8536.80	8391.00	8307.30	8152.80	8011.30	8248.50	8102.00	7963.40
	(ii)		90 cm equilateral triangle	Each	6464.70	6340.40	6229.20	6405.90	6289.60	6181.30	6172.10	6052.60	5946.20	6113.40	6001.80	5898.30
	(iii)		75 cm equilateral triangle	Each	5569.30	5459.70	5363.10	5510.50	5408.90	5315.30	5335.30	5229.50	5136.70	5276.50	5178.70	5088.90
	(iv)		60 cm equilateral triangle	Each	4832.90	4735.30	4650.80	4774.10	4684.50	4603.00	4647.00	4552.50	4471.10	4588.30	4501.70	4423.20
	(v)		120 cm circular	Each	12992.10	12760.80	12542.50	12933.30	12710.00	12494.70	12272.50	12053.00	11846.50	12213.70	12002.20	11798.70
	(vi)		90 cm circular	Each	8849.70	8686.30	8536.00	8791.00	8635.50	8488.10	8401.10	8245.10	8102.00	8342.30	8194.30	8054.20
	(vii)		75 cm circular	Each	7226.30	7089.50	6965.70	7167.50	7038.70	6917.90	6883.80	6752.70	6634.50	6825.10	6701.90	6586.70
	(viii)		60 cm circular	Each	5895.70	5780.70	5678.80	5836.90	5729.90	5630.90	5640.30	5529.50	5431.80	5581.50	5478.70	5383.90
	(ix)		90 cm x 75 cm rectangular	Each	9176.10	9007.40	8851.60	9117.30	8956.60	8803.80	8706.10	8545.10	8397.10	8647.30	8494.30	8349.20
	(x)		80 cm x 60 cm rectangular	Each	7544.30	7402.30	7273.30	7485.50	7351.50	7225.50	7181.00	7045.00	6922.00	7122.30	6994.20	6874.10
	(xi)		60 cm x 50 cm rectangular	Each	6037.90	5920.60	5816.40	5979.20	5869.80	5768.50	5773.30	5660.30	5560.40	5714.50	5609.50	5512.50
	(xii)		60 cm x 45 cm rectangular	Each	5786.90	5673.70	5573.50	5728.10	5622.90	5525.70	5538.60	5429.50	5333.40	5479.90	5378.70	5285.60
	(xiii)		60 cm x 60 cm square	Each	6540.00	6414.50	6302.00	6481.30	6363.70	6254.20	6242.50	6121.90	6014.20	6183.70	6071.10	5966.40
	(xiv)		120 cm high octagon	Each	13511.00	13271.10	13044.40	13452.20	13220.30	12996.50	12757.40	12529.90	12315.50	12698.60	12479.10	12267.70
	(xv)		90 cm high octagon	Each	9142.60	8974.40	8819.30	9083.80	8923.60	8771.40	8674.80	8514.30	8366.80	8616.10	8463.50	8319.00
	(xvi)		75 cm high octagon	Each	7427.10	7287.00	7160.00	7368.30	7236.20	7112.10	7071.50	6937.30	6816.10	7012.80	6886.50	6768.20
			Retro-Reflectorised Traffic Signs													
	B		Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign as per IRC :67 made of Class C Type XI retro reflective sheeting, fixed over 2mm thick aluminium sheeting vide clause 801.3, 3mm/4mm thick Aluminium Composite material sheet depending upon the size of the sign fixed over back supported frame of minimum 25 mm x 25 mm x 3 mm Angle mounted on a mild steel circular pipe 65 NB, 3.2 mm thickness firmly fixed to the ground by means of properly designed foundation with M25 grade cement concrete 45 cm x 45 cm x 60 cm, 60 cm below ground level as per approved drawing. The sign shall be maintained as per section 12 of IRC 67													
	(i)		120 cm equilateral triangle	Each	8749.30	8587.60	8438.80	8690.50	8536.80	8391.00	8307.30	8152.80	8011.30	8248.50	8102.00	7963.40

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.04			Retro-Reflectorised Traffic Signs													
	A		Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign as per IRC :67 made of Class B Type IV retro reflective sheeting fixed over 2 mm thick aluminium sheeting vide clause 801.3, 3mm/4mm thick Aluminium Composite material sheet depending upon the size of the sign fixed over back supported frame of minimum 25 mm x 25 mm x 3 mm Angle mounted on a mild steel circular pipe 65 NB, 3.2 mm thickness firmly fixed to the ground by means of properly designed foundation with M25 grade cement concrete 45 cm x 45 cm x 60 cm, 60 cm below ground level as per approved drawing. The sign shall be maintained as per section 12 of IRC 67													
	(i)		120 cm equilateral triangle	Each	8749.30	8587.60	8438.80	8690.50	8536.80	8391.00	9347.50	9176.00	9017.50	9288.80	9125.20	8969.60
	(ii)		90 cm equilateral triangle	Each	6464.70	6340.40	6229.20	6405.90	6289.60	6181.30	6913.50	6781.90	6663.20	6854.70	6731.00	6615.40
	(iii)		75 cm equilateral triangle	Each	5569.30	5459.70	5363.10	5510.50	5408.90	5315.30	5959.50	5843.50	5740.50	5900.70	5792.70	5692.70
	(iv)		60 cm equilateral triangle	Each	4832.90	4735.30	4650.80	4774.10	4684.50	4603.00	5174.90	5071.80	4981.60	5116.10	5020.90	4933.80
	(v)		120 cm circular	Each	12992.10	12760.80	12542.50	12933.30	12710.00	12494.70	13867.90	13622.30	13389.60	13809.10	13571.40	13341.80
	(vi)		90 cm circular	Each	8849.70	8686.30	8536.00	8791.00	8635.50	8488.10	9454.50	9281.20	9120.90	9395.80	9230.40	9073.10
	(vii)		75 cm circular	Each	7226.30	7089.50	6965.70	7167.50	7038.70	6917.90	7724.90	7579.90	7448.00	7666.10	7529.10	7400.10
	(viii)		60 cm circular	Each	5895.70	5780.70	5678.80	5836.90	5729.90	5630.90	6307.20	6185.50	6076.80	6248.40	6134.70	6029.00
	(ix)		90 cm x 75 cm rectangular	Each	9176.10	9007.40	8851.60	9117.30	8956.60	8803.80	9802.30	9623.20	9457.30	9743.50	9572.40	9409.40
	(x)		80 cm x 60 cm rectangular	Each	7544.30	7402.30	7273.30	7485.50	7351.50	7225.50	8063.70	7913.10	7775.70	8004.90	7862.30	7727.80
	(xi)		60 cm x 50 cm rectangular	Each	6037.90	5920.60	5816.40	5979.20	5869.80	5768.50	6458.80	6334.60	6223.40	6400.00	6283.80	6175.60
	(xii)		60 cm x 45 cm rectangular	Each	5786.90	5673.70	5573.50	5728.10	5622.90	5525.70	6191.30	6071.50	5964.70	6132.50	6020.70	5916.90
	(xiii)		60 cm x 60 cm square	Each	6540.00	6414.50	6302.00	6481.30	6363.70	6254.20	6993.70	6860.80	6740.80	6935.00	6810.00	6693.00
	(xiv)		120 cm high octagon	Each	13511.00	13271.10	13044.40	13452.20	13220.30	12996.50	14420.70	14166.00	13924.30	14361.90	14115.20	13876.40
	(xv)		90 cm high octagon	Each	9142.60	8974.40	8819.30	9083.80	8923.60	8771.40	9766.60	9588.20	9422.80	9707.80	9537.40	9374.90
	(xvi)		75 cm high octagon	Each	7427.10	7287.00	7160.00	7368.30	7236.20	7112.10	7938.80	7790.40	7654.90	7880.10	7739.60	7607.10
			Retro-Reflectorised Traffic Signs													
	B		Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign as per IRC :67 made of Class C Type XI retro reflective sheeting, fixed over 2mm thick aluminium sheeting vide clause 801.3, 3mm/4mm thick Aluminium Composite material sheet depending upon the size of the sign fixed over back supported frame of minimum 25 mm x 25 mm x 3 mm Angle mounted on a mild steel circular pipe 65 NB, 3.2 mm thickness firmly fixed to the ground by means of properly designed foundation with M25 grade cement concrete 45 cm x 45 cm x 60 cm, 60 cm below ground level as per approved drawing. The sign shall be maintained as per section 12 of IRC 67													
	(i)		120 cm equilateral triangle	Each	8749.30	8587.60	8438.80	8690.50	8536.80	8391.00	9347.50	9176.00	9017.50	9288.80	9125.20	8969.60

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.04			Retro-Reflectorised Traffic Signs													
	A		Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign as per IRC :67 made of Class B Type IV retro reflective sheeting fixed over 2 mm thick aluminium sheeting vide clause 801.3, 3mm/4mm thick Aluminium Composite material sheet depending upon the size of the sign fixed over back supported frame of minimum 25 mm x 25 mm x 3 mm Angle mounted on a mild steel circular pipe 65 NB, 3.2 mm thickness firmly fixed to the ground by means of properly designed foundation with M25 grade cement concrete 45 cm x 45 cm x 60 cm, 60 cm below ground level as per approved drawing. The sign shall be maintained as per section 12 of IRC 67													
	(i)		120 cm equilateral triangle	Each	10204.10	10018.50	9845.90	10145.30	9967.70	9798.10	10006.40	9824.10	9654.70	9947.70	9773.30	9606.90
	(ii)		90 cm equilateral triangle	Each	7492.50	7351.30	7223.20	7433.70	7300.50	7175.40	7358.90	7219.90	7094.00	7300.10	7169.10	7046.20
	(iii)		75 cm equilateral triangle	Each	6429.70	6306.00	6195.30	6370.90	6255.20	6147.40	6321.20	6199.30	6090.30	6262.40	6148.40	6042.50
	(iv)		60 cm equilateral triangle	Each	5555.60	5446.20	5349.90	5496.80	5395.40	5302.00	5467.80	5359.80	5264.90	5409.00	5309.00	5217.00
	(v)		120 cm circular	Each	15239.90	14971.80	14716.70	15181.20	14921.00	14668.80	14923.30	14660.40	14410.40	14864.50	14609.60	14362.60
	(vi)		90 cm circular	Each	10323.30	10135.70	9961.20	10264.50	10084.90	9913.40	10122.80	9938.50	9767.30	10064.00	9887.70	9719.50
	(vii)		75 cm circular	Each	8396.40	8240.40	8097.50	8337.60	8189.60	8049.60	8241.40	8088.00	7947.60	8182.60	8037.20	7899.70
	(viii)		60 cm circular	Each	6817.10	6687.00	6569.90	6758.30	6636.20	6522.10	6699.40	6571.30	6456.10	6640.60	6520.50	6408.30
	(ix)		90 cm x 75 cm rectangular	Each	10710.70	10516.80	10335.90	10651.90	10466.00	10288.00	10501.00	10310.60	10133.10	10442.30	10259.80	10085.30
	(x)		80 cm x 60 cm rectangular	Each	8773.80	8611.70	8462.50	8715.00	8560.80	8414.70	8609.90	8450.50	8304.00	8551.10	8399.70	8256.20
	(xi)		60 cm x 50 cm rectangular	Each	6985.90	6853.10	6733.30	6927.10	6802.30	6685.40	6864.30	6733.40	6615.60	6805.50	6682.60	6567.80
	(xii)		60 cm x 45 cm rectangular	Each	6687.90	6560.00	6445.10	6629.20	6509.20	6397.20	6573.30	6447.30	6334.20	6514.60	6396.50	6286.40
	(xiii)		60 cm x 60 cm square	Each	7581.90	7439.30	7309.70	7523.10	7388.50	7261.80	7446.20	7305.80	7178.40	7387.40	7255.00	7130.60
	(xiv)		120 cm high octagon	Each	15855.80	15577.50	15312.30	15797.00	15526.70	15264.50	15524.60	15251.80	14992.00	15465.80	15201.00	14944.10
	(xv)		90 cm high octagon	Each	10670.90	10477.70	10297.50	10612.20	10426.90	10249.60	10462.20	10272.40	10095.60	10403.50	10221.60	10047.80
	(xvi)		75 cm high octagon	Each	8634.70	8474.90	8328.00	8576.00	8424.10	8280.20	8474.10	8316.90	8172.70	8415.40	8266.10	8124.90
			Retro-Reflectorised Traffic Signs													
	B		Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign as per IRC :67 made of Class C Type XI retro reflective sheeting, fixed over 2mm thick aluminium sheeting vide clause 801.3, 3mm/4mm thick Aluminium Composite material sheet depending upon the size of the sign fixed over back supported frame of minimum 25 mm x 25 mm x 3 mm Angle mounted on a mild steel circular pipe 65 NB, 3.2 mm thickness firmly fixed to the ground by means of properly designed foundation with M25 grade cement concrete 45 cm x 45 cm x 60 cm, 60 cm below ground level as per approved drawing. The sign shall be maintained as per section 12 of IRC 67													
	(i)		120 cm equilateral triangle	Each	10204.10	10018.50	9845.90	10145.30	9967.70	9798.10	10006.40	9824.10	9654.70	9947.70	9773.30	9606.90

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.04			Retro-Reflectorised Traffic Signs													
	A		Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign as per IRC :67 made of Class B Type IV retro reflective sheeting fixed over 2 mm thick aluminium sheeting vide clause 801.3, 3mm/4mm thick Aluminium Composite material sheet depending upon the size of the sign fixed over back supported frame of minimum 25 mm x 25 mm x 3 mm Angle mounted on a mild steel circular pipe 65 NB, 3.2 mm thickness firmly fixed to the ground by means of properly designed foundation with M25 grade cement concrete 45 cm x 45 cm x 60 cm, 60 cm below ground level as per approved drawing. The sign shall be maintained as per section 12 of IRC 67													
	(i)		120 cm equilateral triangle	Each	8919.30	8754.80	8603.30	8860.50	8704.00	8555.40	10335.80	10148.10	9973.30	10277.10	10097.30	9925.50
	(ii)		90 cm equilateral triangle	Each	6592.00	6465.70	6352.30	6533.30	6414.90	6304.50	7602.90	7459.90	7330.00	7544.10	7409.10	7282.20
	(iii)		75 cm equilateral triangle	Each	5679.90	5568.50	5470.00	5621.10	5517.60	5422.20	6531.70	6406.30	6294.00	6472.90	6355.50	6246.10
	(iv)		60 cm equilateral triangle	Each	4929.70	4830.60	4744.50	4870.90	4779.80	4696.60	5650.80	5539.80	5441.90	5592.00	5489.00	5394.00
	(v)		120 cm circular	Each	13241.40	13006.00	12783.70	13182.60	12955.20	12735.80	15411.30	15140.40	14882.40	15352.60	15089.60	14834.60
	(vi)		90 cm circular	Each	9021.60	8855.40	8702.20	8962.80	8804.60	8654.40	10456.00	10266.20	10089.50	10397.20	10215.40	10041.70
	(vii)		75 cm circular	Each	7367.80	7228.70	7102.60	7309.00	7177.90	7054.80	8513.90	8356.00	8211.10	8455.10	8305.20	8163.30
	(viii)		60 cm circular	Each	6012.40	5895.50	5791.60	5953.60	5844.70	5743.80	6922.10	6790.30	6671.60	6863.40	6739.50	6623.70
	(ix)		90 cm x 75 cm rectangular	Each	9354.10	9182.40	9023.80	9295.30	9131.60	8976.00	10846.40	10650.30	10467.20	10787.60	10599.50	10419.30
	(x)		80 cm x 60 cm rectangular	Each	7691.70	7547.30	7415.90	7633.00	7496.50	7368.10	8894.30	8730.20	8579.00	8835.50	8679.30	8531.20
	(xi)		60 cm x 50 cm rectangular	Each	6157.30	6038.00	5931.80	6098.50	5987.20	5883.90	7092.30	6957.70	6836.20	7033.50	6906.90	6788.30
	(xii)		60 cm x 45 cm rectangular	Each	5901.50	5786.50	5684.40	5842.70	5735.70	5636.60	6792.00	6662.30	6545.70	6733.20	6611.50	6497.90
	(xiii)		60 cm x 60 cm square	Each	6668.80	6541.10	6426.50	6610.00	6490.30	6378.70	7693.00	7548.50	7417.10	7634.20	7497.70	7369.30
	(xiv)		120 cm high octagon	Each	13770.00	13525.90	13294.90	13711.20	13475.10	13247.00	16032.00	15750.90	15482.80	15973.20	15700.10	15434.90
	(xv)		90 cm high octagon	Each	9320.00	9148.90	8990.80	9261.20	9098.10	8943.00	10806.30	10610.90	10428.40	10747.60	10560.10	10380.60
	(xvi)		75 cm high octagon	Each	7572.40	7429.90	7300.50	7513.60	7379.10	7252.70	8754.10	8592.30	8443.50	8695.30	8541.50	8395.70
			Retro-Reflectorised Traffic Signs													
	B		Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign as per IRC :67 made of Class C Type XI retro reflective sheeting, fixed over 2mm thick aluminium sheeting vide clause 801.3, 3mm/4mm thick Aluminium Composite material sheet depending upon the size of the sign fixed over back supported frame of minimum 25 mm x 25 mm x 3 mm Angle mounted on a mild steel circular pipe 65 NB, 3.2 mm thickness firmly fixed to the ground by means of properly designed foundation with M25 grade cement concrete 45 cm x 45 cm x 60 cm, 60 cm below ground level as per approved drawing. The sign shall be maintained as per section 12 of IRC 67													
	(i)		120 cm equilateral triangle	Each	8919.30	8754.80	8603.30	8860.50	8704.00	8555.40	10335.80	10148.10	9973.30	10277.10	10097.30	9925.50

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.04			Retro-Reflectorised Traffic Signs													
	A		Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign as per IRC :67 made of Class B Type IV retro reflective sheeting fixed over 2 mm thick aluminium sheeting vide clause 801.3, 3mm/4mm thick Aluminium Composite material sheet depending upon the size of the sign fixed over back supported frame of minimum 25 mm x 25 mm x 3 mm Angle mounted on a mild steel circular pipe 65 NB, 3.2 mm thickness firmly fixed to the ground by means of properly designed foundation with M25 grade cement concrete 45 cm x 45 cm x 60 cm, 60 cm below ground level as per approved drawing. The sign shall be maintained as per section 12 of IRC 67													
	(i)		120 cm equilateral triangle	Each	9067.50	8900.60	8746.60	9008.80	8849.80	8698.80	9594.70	9419.10	9256.50	9535.90	9368.30	9208.60
	(ii)		90 cm equilateral triangle	Each	6718.90	6590.40	6475.00	6660.10	6539.60	6427.20	7053.90	6919.90	6799.00	6995.10	6869.10	6751.20
	(iii)		75 cm equilateral triangle	Each	5798.40	5685.00	5584.60	5739.60	5634.20	5536.80	6058.00	5940.40	5835.80	5999.30	5889.60	5788.00
	(iv)		60 cm equilateral triangle	Each	5041.30	4940.30	4852.40	4982.50	4889.50	4804.60	5239.00	5134.80	5043.60	5180.20	5084.00	4995.80
	(v)		120 cm circular	Each	13429.30	13190.80	12965.40	13370.50	13140.00	12917.50	14313.30	14060.30	13820.40	14254.50	14009.50	13772.60
	(vi)		90 cm circular	Each	9170.80	9002.10	8846.50	9112.00	8951.30	8798.60	9706.40	9528.90	9364.50	9647.60	9478.10	9316.70
	(vii)		75 cm circular	Each	7501.80	7360.50	7232.20	7443.00	7309.70	7184.40	7900.80	7753.00	7618.20	7842.00	7702.20	7570.30
	(viii)		60 cm circular	Each	6133.90	6015.00	5909.20	6075.10	5964.20	5861.30	6421.00	6297.40	6186.90	6362.20	6246.60	6139.00
	(ix)		90 cm x 75 cm rectangular	Each	9506.30	9332.10	9171.00	9447.50	9281.30	9123.20	10069.30	9885.90	9715.60	10010.50	9835.10	9667.70
	(x)		80 cm x 60 cm rectangular	Each	7828.70	7682.00	7548.40	7769.90	7631.20	7500.60	8254.50	8100.80	7960.20	8195.70	8050.00	7912.40
	(xi)		60 cm x 50 cm rectangular	Each	6280.10	6158.90	6050.60	6221.40	6108.10	6002.80	6579.20	6453.10	6339.90	6520.40	6402.20	6292.10
	(xii)		60 cm x 45 cm rectangular	Each	6022.00	5905.00	5801.00	5963.30	5854.20	5753.10	6300.00	6178.40	6069.80	6241.20	6127.60	6022.00
	(xiii)		60 cm x 60 cm square	Each	6796.30	6666.60	6549.90	6737.50	6615.80	6502.00	7137.60	7002.30	6880.00	7078.90	6951.50	6832.20
	(xiv)		120 cm high octagon	Each	13962.70	13715.50	13481.30	13903.90	13664.70	13433.40	14890.30	14627.90	14378.50	14831.60	14577.10	14330.70
	(xv)		90 cm high octagon	Each	9471.90	9298.30	9137.70	9413.10	9247.50	9089.90	10032.10	9849.30	9679.60	9973.30	9798.50	9631.70
	(xvi)		75 cm high octagon	Each	7708.20	7563.60	7431.90	7649.50	7512.80	7384.10	8124.20	7972.70	7834.20	8065.40	7921.90	7786.40
			Retro-Reflectorised Traffic Signs													
	B		Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign as per IRC :67 made of Class C Type XI retro reflective sheeting, fixed over 2mm thick aluminium sheeting vide clause 801.3, 3mm/4mm thick Aluminium Composite material sheet depending upon the size of the sign fixed over back supported frame of minimum 25 mm x 25 mm x 3 mm Angle mounted on a mild steel circular pipe 65 NB, 3.2 mm thickness firmly fixed to the ground by means of properly designed foundation with M25 grade cement concrete 45 cm x 45 cm x 60 cm, 60 cm below ground level as per approved drawing. The sign shall be maintained as per section 12 of IRC 67													
	(i)		120 cm equilateral triangle	Each	9067.50	8900.60	8746.60	9008.80	8849.80	8698.80	9594.70	9419.10	9256.50	9535.90	9368.30	9208.60

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.04			Retro-Reflectorised Traffic Signs													
	A		Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign as per IRC :67 made of Class B Type IV retro reflective sheeting fixed over 2 mm thick aluminium sheeting vide clause 801.3, 3mm/4mm thick Aluminium Composite material sheet depending upon the size of the sign fixed over back supported frame of minimum 25 mm x 25 mm x 3 mm Angle mounted on a mild steel circular pipe 65 NB, 3.2 mm thickness firmly fixed to the ground by means of properly designed foundation with M25 grade cement concrete 45 cm x 45 cm x 60 cm, 60 cm below ground level as per approved drawing. The sign shall be maintained as per section 12 of IRC 67													
	(i)		120 cm equilateral triangle	Each	11274.60	11071.50	10881.30	11215.80	11020.60	10833.50	10731.10	10536.90	10355.60	10672.30	10486.10	10307.80
	(ii)		90 cm equilateral triangle	Each	8328.10	8173.30	8031.50	8269.30	8122.50	7983.60	7912.70	7764.70	7629.70	7854.00	7713.90	7581.80
	(iii)		75 cm equilateral triangle	Each	7173.30	7037.40	6914.50	7114.50	6986.60	6866.60	6808.10	6678.20	6561.30	6749.30	6627.40	6513.40
	(iv)		60 cm equilateral triangle	Each	6223.50	6103.20	5995.80	6164.70	6052.40	5948.00	5899.60	5784.60	5682.60	5840.80	5733.80	5634.70
	(v)		120 cm circular	Each	16746.60	16453.80	16173.90	16687.80	16403.00	16126.10	15965.20	15685.20	15418.10	15906.40	15634.40	15370.30
	(vi)		90 cm circular	Each	11404.10	11198.80	11006.60	11345.30	11148.00	10958.80	10855.00	10658.70	10475.50	10796.20	10607.90	10427.60
	(vii)		75 cm circular	Each	9310.30	9139.30	8981.40	9251.50	9088.50	8933.60	8852.20	8688.80	8538.30	8793.40	8637.90	8490.50
	(viii)		60 cm circular	Each	7594.20	7451.40	7321.60	7535.40	7400.60	7273.80	7210.70	7074.20	6950.70	7151.90	7023.40	6902.90
	(ix)		90 cm x 75 cm rectangular	Each	11825.00	11612.90	11413.70	11766.30	11562.10	11365.90	11257.60	11054.70	10864.90	11198.80	11003.90	10817.10
	(x)		80 cm x 60 cm rectangular	Each	9720.40	9542.70	9378.10	9661.60	9491.90	9330.30	9244.50	9074.60	8917.80	9185.70	9023.80	8869.90
	(xi)		60 cm x 50 cm rectangular	Each	7777.70	7631.90	7499.10	7718.90	7581.10	7451.20	7386.20	7246.80	7120.40	7327.40	7196.00	7072.60
	(xii)		60 cm x 45 cm rectangular	Each	7453.90	7313.40	7185.90	7395.10	7262.60	7138.10	7076.50	6942.20	6820.90	7017.70	6891.40	6773.00
	(xiii)		60 cm x 60 cm square	Each	8425.30	8268.80	8125.40	8366.50	8218.00	8077.60	8005.60	7856.10	7719.60	7946.90	7805.30	7671.70
	(xiv)		120 cm high octagon	Each	17415.80	17112.00	16821.20	17357.00	17061.20	16773.30	16605.30	16314.70	16037.20	16546.50	16263.90	15989.40
	(xv)		90 cm high octagon	Each	11781.90	11570.40	11372.00	11723.10	11519.60	11324.10	11216.30	11014.10	10824.90	11157.50	10963.30	10777.10
	(xvi)		75 cm high octagon	Each	9569.30	9394.10	9231.90	9510.50	9343.30	9184.10	9100.00	8932.50	8778.00	9041.20	8881.70	8730.10
			Retro-Reflectorised Traffic Signs													
	B		Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign as per IRC :67 made of Class C Type XI retro reflective sheeting, fixed over 2mm thick aluminium sheeting vide clause 801.3, 3mm/4mm thick Aluminium Composite material sheet depending upon the size of the sign fixed over back supported frame of minimum 25 mm x 25 mm x 3 mm Angle mounted on a mild steel circular pipe 65 NB, 3.2 mm thickness firmly fixed to the ground by means of properly designed foundation with M25 grade cement concrete 45 cm x 45 cm x 60 cm, 60 cm below ground level as per approved drawing. The sign shall be maintained as per section 12 of IRC 67													
	(i)		120 cm equilateral triangle	Each	11274.60	11071.50	10881.30	11215.80	11020.60	10833.50	10731.10	10536.90	10355.60	10672.30	10486.10	10307.80

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(ii)		90 cm equilateral triangle	Each	6464.70	6340.40	6229.20	6405.90	6289.60	6181.30	6172.10	6052.60	5946.20	6113.40	6001.80	5898.30
	(iii)		75 cm equilateral triangle	Each	5569.30	5459.70	5363.10	5510.50	5408.90	5315.30	5335.30	5229.50	5136.70	5276.50	5178.70	5088.90
	(iv)		60 cm equilateral triangle	Each	4832.90	4735.30	4650.80	4774.10	4684.50	4603.00	4647.00	4552.50	4471.10	4588.30	4501.70	4423.20
	(v)		120 cm circular	Each	12992.10	12760.80	12542.50	12933.30	12710.00	12494.70	12272.50	12053.00	11846.50	12213.70	12002.20	11798.70
	(vi)		90 cm circular	Each	8849.70	8686.30	8536.00	8791.00	8635.50	8488.10	8401.10	8245.10	8102.00	8342.30	8194.30	8054.20
	(vii)		75 cm circular	Each	7226.30	7089.50	6965.70	7167.50	7038.70	6917.90	6883.80	6752.70	6634.50	6825.10	6701.90	6586.70
	(viii)		60 cm circular	Each	5895.70	5780.70	5678.80	5836.90	5729.90	5630.90	5640.30	5529.50	5431.80	5581.50	5478.70	5383.90
	(ix)		90 cm x 75 cm rectangular	Each	9176.10	9007.40	8851.60	9117.30	8956.60	8803.80	8706.10	8545.10	8397.10	8647.30	8494.30	8349.20
	(x)		80 cm x 60 cm rectangular	Each	7544.30	7402.30	7273.30	7485.50	7351.50	7225.50	7181.00	7045.00	6922.00	7122.30	6994.20	6874.10
	(xi)		60 cm x 50 cm rectangular	Each	6037.90	5920.60	5816.40	5979.20	5869.80	5768.50	5773.30	5660.30	5560.40	5714.50	5609.50	5512.50
	(xii)		60 cm x 45 cm rectangular	Each	5786.90	5673.70	5573.50	5728.10	5622.90	5525.70	5538.60	5429.50	5333.40	5479.90	5378.70	5285.60
	(xiii)		60 cm x 60 cm square	Each	6540.00	6414.50	6302.00	6481.30	6363.70	6254.20	6242.50	6121.90	6014.20	6183.70	6071.10	5966.40
	(xiv)		120 cm high octagon	Each	13511.00	13271.10	13044.40	13452.20	13220.30	12996.50	12757.40	12529.90	12315.50	12698.60	12479.10	12267.70
	(xv)		90 cm high octagon	Each	9142.60	8974.40	8819.30	9083.80	8923.60	8771.40	8674.80	8514.30	8366.80	8616.10	8463.50	8319.00
	(xvi)		75 cm high octagon	Each	7427.10	7287.00	7160.00	7368.30	7236.20	7112.10	7071.50	6937.30	6816.10	7012.80	6886.50	6768.20
B 8.05			Direction and Place Identification Signs upto 0.9 sqm Size Board.													
			Providing and erecting direction and place identification retro-reflectorised sign as per IRC:67 made of high intensity grade sheeting vide clause 801.3, fixed over aluminium sheeting, 2 mm thick or aluminium composite material sheet with overall thickness of 4mm with area not exceeding 0.9 sqm fixed over back support frame of min 35x35x3 mm Angle mounted on mild steel circular pipe 65 NB, firmly fixed to the ground by means of properly designed foundation with M25 grade cement concrete 45 x 45 x 60 cm, 60 cm below ground level as per approved drawing	Sqm	12758.00	12528.50	12313.50	12638.80	12419.10	12208.20	12089.80	11871.30	11667.20	11970.70	11761.90	11562.00
B 8.06			Direction and Place Identification Signs with size more than 0.9 sqm size Board.													
			Providing and erecting direction and place identification retro-reflectorised sign as per IRC :67 made of high intensity grade sheeting vide clause 801.3, fixed over aluminium sheeting, 2 mm thick or aluminium composite material sheet with overall thickness of 4mm with area exceeding 0.9 sqm fixed over back support frame of min 40x40x5 mm MS angle mounted on 2 Nos of mild circular pipe 65 NB, 3.2 mm thickness and 4.5 meter total height firmly fixed to the ground by means of properly designed foundation with M 25 grade cement concrete 45 cm x 45 cm x 60 cm, 60 cm below ground level as per approved drawing	Sqm	13661.70	13413.40	13182.40	13535.20	13298.30	13072.10	12969.80	12732.80	12513.20	12843.30	12617.70	12402.80

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(ii)		90 cm equilateral triangle	Each	6464.70	6340.40	6229.20	6405.90	6289.60	6181.30	6913.50	6781.90	6663.20	6854.70	6731.00	6615.40
	(iii)		75 cm equilateral triangle	Each	5569.30	5459.70	5363.10	5510.50	5408.90	5315.30	5959.50	5843.50	5740.50	5900.70	5792.70	5692.70
	(iv)		60 cm equilateral triangle	Each	4832.90	4735.30	4650.80	4774.10	4684.50	4603.00	5174.90	5071.80	4981.60	5116.10	5020.90	4933.80
	(v)		120 cm circular	Each	12992.10	12760.80	12542.50	12933.30	12710.00	12494.70	13867.90	13622.30	13389.60	13809.10	13571.40	13341.80
	(vi)		90 cm circular	Each	8849.70	8686.30	8536.00	8791.00	8635.50	8488.10	9454.50	9281.20	9120.90	9395.80	9230.40	9073.10
	(vii)		75 cm circular	Each	7226.30	7089.50	6965.70	7167.50	7038.70	6917.90	7724.90	7579.90	7448.00	7666.10	7529.10	7400.10
	(viii)		60 cm circular	Each	5895.70	5780.70	5678.80	5836.90	5729.90	5630.90	6307.20	6185.50	6076.80	6248.40	6134.70	6029.00
	(ix)		90 cm x 75 cm rectangular	Each	9176.10	9007.40	8851.60	9117.30	8956.60	8803.80	9802.30	9623.20	9457.30	9743.50	9572.40	9409.40
	(x)		80 cm x 60 cm rectangular	Each	7544.30	7402.30	7273.30	7485.50	7351.50	7225.50	8063.70	7913.10	7775.70	8004.90	7862.30	7727.80
	(xi)		60 cm x 50 cm rectangular	Each	6037.90	5920.60	5816.40	5979.20	5869.80	5768.50	6458.80	6334.60	6223.40	6400.00	6283.80	6175.60
	(xii)		60 cm x 45 cm rectangular	Each	5786.90	5673.70	5573.50	5728.10	5622.90	5525.70	6191.30	6071.50	5964.70	6132.50	6020.70	5916.90
	(xiii)		60 cm x 60 cm square	Each	6540.00	6414.50	6302.00	6481.30	6363.70	6254.20	6993.70	6860.80	6740.80	6935.00	6810.00	6693.00
	(xiv)		120 cm high octagon	Each	13511.00	13271.10	13044.40	13452.20	13220.30	12996.50	14420.70	14166.00	13924.30	14361.90	14115.20	13876.40
	(xv)		90 cm high octagon	Each	9142.60	8974.40	8819.30	9083.80	8923.60	8771.40	9766.60	9588.20	9422.80	9707.80	9537.40	9374.90
	(xvi)		75 cm high octagon	Each	7427.10	7287.00	7160.00	7368.30	7236.20	7112.10	7938.80	7790.40	7654.90	7880.10	7739.60	7607.10
B 8.05			Direction and Place Identification Signs upto 0.9 sqm Size Board.													
			Providing and erecting direction and place identification retro-reflectorised sign as per IRC:67 made of high intensity grade sheeting vide clause 801.3, fixed over aluminium sheeting, 2 mm thick or aluminium composite material sheet with overall thickness of 4mm with area not exceeding 0.9 sqm fixed over back support frame of min 35x35x3 mm Angle mounted on mild steel circular pipe 65 NB, firmly fixed to the ground by means of properly designed foundation with M25 grade cement concrete 45 x 45 x 60 cm, 60 cm below ground level as per approved drawing	Sqm	12758.00	12528.50	12313.50	12638.80	12419.10	12208.20	13605.00	13361.60	13132.70	13485.80	13252.20	13027.40
B 8.06			Direction and Place Identification Signs with size more than 0.9 sqm size Board.													
			Providing and erecting direction and place identification retro-reflectorised sign as per IRC :67 made of high intensity grade sheeting vide clause 801.3, fixed over aluminium sheeting, 2 mm thick or aluminium composite material sheet with overall thickness of 4mm with area exceeding 0.9 sqm fixed over back support frame of min 40x40x5 mm MS angle mounted on 2 Nos of mild circular pipe 65 NB, 3.2 mm thickness and 4.5 meter total height firmly fixed to the ground by means of properly designed foundation with M 25 grade cement concrete 45 cm x 45 cm x 60 cm, 60 cm below ground level as per approved drawing	Sqm	13661.70	13413.40	13182.40	13535.20	13298.30	13072.10	14569.10	14305.90	14060.10	14442.60	14190.80	13949.70

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(ii)		90 cm equilateral triangle	Each	7492.50	7351.30	7223.20	7433.70	7300.50	7175.40	7358.90	7219.90	7094.00	7300.10	7169.10	7046.20
	(iii)		75 cm equilateral triangle	Each	6429.70	6306.00	6195.30	6370.90	6255.20	6147.40	6321.20	6199.30	6090.30	6262.40	6148.40	6042.50
	(iv)		60 cm equilateral triangle	Each	5555.60	5446.20	5349.90	5496.80	5395.40	5302.00	5467.80	5359.80	5264.90	5409.00	5309.00	5217.00
	(v)		120 cm circular	Each	15239.90	14971.80	14716.70	15181.20	14921.00	14668.80	14923.30	14660.40	14410.40	14864.50	14609.60	14362.60
	(vi)		90 cm circular	Each	10323.30	10135.70	9961.20	10264.50	10084.90	9913.40	10122.80	9938.50	9767.30	10064.00	9887.70	9719.50
	(vii)		75 cm circular	Each	8396.40	8240.40	8097.50	8337.60	8189.60	8049.60	8241.40	8088.00	7947.60	8182.60	8037.20	7899.70
	(viii)		60 cm circular	Each	6817.10	6687.00	6569.90	6758.30	6636.20	6522.10	6699.40	6571.30	6456.10	6640.60	6520.50	6408.30
	(ix)		90 cm x 75 cm rectangular	Each	10710.70	10516.80	10335.90	10651.90	10466.00	10288.00	10501.00	10310.60	10133.10	10442.30	10259.80	10085.30
	(x)		80 cm x 60 cm rectangular	Each	8773.80	8611.70	8462.50	8715.00	8560.80	8414.70	8609.90	8450.50	8304.00	8551.10	8399.70	8256.20
	(xi)		60 cm x 50 cm rectangular	Each	6985.90	6853.10	6733.30	6927.10	6802.30	6685.40	6864.30	6733.40	6615.60	6805.50	6682.60	6567.80
	(xii)		60 cm x 45 cm rectangular	Each	6687.90	6560.00	6445.10	6629.20	6509.20	6397.20	6573.30	6447.30	6334.20	6514.60	6396.50	6286.40
	(xiii)		60 cm x 60 cm square	Each	7581.90	7439.30	7309.70	7523.10	7388.50	7261.80	7446.20	7305.80	7178.40	7387.40	7255.00	7130.60
	(xiv)		120 cm high octagon	Each	15855.80	15577.50	15312.30	15797.00	15526.70	15264.50	15524.60	15251.80	14992.00	15465.80	15201.00	14944.10
	(xv)		90 cm high octagon	Each	10670.90	10477.70	10297.50	10612.20	10426.90	10249.60	10462.20	10272.40	10095.60	10403.50	10221.60	10047.80
	(xvi)		75 cm high octagon	Each	8634.70	8474.90	8328.00	8576.00	8424.10	8280.20	8474.10	8316.90	8172.70	8415.40	8266.10	8124.90
B 8.05			Direction and Place Identification Signs upto 0.9 sqm Size Board.													
			Providing and erecting direction and place identification retro-reflectorised sign as per IRC:67 made of high intensity grade sheeting vide clause 801.3, fixed over aluminium sheeting, 2 mm thick or aluminium composite material sheet with overall thickness of 4mm with area not exceeding 0.9 sqm fixed over back support frame of min 35x35x3 mm Angle mounted on mild steel circular pipe 65 NB, firmly fixed to the ground by means of properly designed foundation with M25 grade cement concrete 45 x 45 x 60 cm, 60 cm below ground level as per approved drawing	Sqm	14886.00	14621.60	14371.70	14766.80	14512.20	14266.50	14590.40	14330.90	14085.80	14471.20	14221.40	13980.50
B 8.06			Direction and Place Identification Signs with size more than 0.9 sqm size Board.													
			Providing and erecting direction and place identification retro-reflectorised sign as per IRC :67 made of high intensity grade sheeting vide clause 801.3, fixed over aluminium sheeting, 2 mm thick or aluminium composite material sheet with overall thickness of 4mm with area exceeding 0.9 sqm fixed over back support frame of min 40x40x5 mm MS angle mounted on 2 Nos of mild circular pipe 65 NB, 3.2 mm thickness and 4.5 meter total height firmly fixed to the ground by means of properly designed foundation with M 25 grade cement concrete 45 cm x 45 cm x 60 cm, 60 cm below ground level as per approved drawing	Sqm	15902.30	15617.30	15349.60	15775.90	15502.20	15239.20	15594.60	15314.70	15052.00	15468.20	15199.60	14941.60

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(ii)		90 cm equilateral triangle	Each	6592.00	6465.70	6352.30	6533.30	6414.90	6304.50	7602.90	7459.90	7330.00	7544.10	7409.10	7282.20
	(iii)		75 cm equilateral triangle	Each	5679.90	5568.50	5470.00	5621.10	5517.60	5422.20	6531.70	6406.30	6294.00	6472.90	6355.50	6246.10
	(iv)		60 cm equilateral triangle	Each	4929.70	4830.60	4744.50	4870.90	4779.80	4696.60	5650.80	5539.80	5441.90	5592.00	5489.00	5394.00
	(v)		120 cm circular	Each	13241.40	13006.00	12783.70	13182.60	12955.20	12735.80	15411.30	15140.40	14882.40	15352.60	15089.60	14834.60
	(vi)		90 cm circular	Each	9021.60	8855.40	8702.20	8962.80	8804.60	8654.40	10456.00	10266.20	10089.50	10397.20	10215.40	10041.70
	(vii)		75 cm circular	Each	7367.80	7228.70	7102.60	7309.00	7177.90	7054.80	8513.90	8356.00	8211.10	8455.10	8305.20	8163.30
	(viii)		60 cm circular	Each	6012.40	5895.50	5791.60	5953.60	5844.70	5743.80	6922.10	6790.30	6671.60	6863.40	6739.50	6623.70
	(ix)		90 cm x 75 cm rectangular	Each	9354.10	9182.40	9023.80	9295.30	9131.60	8976.00	10846.40	10650.30	10467.20	10787.60	10599.50	10419.30
	(x)		80 cm x 60 cm rectangular	Each	7691.70	7547.30	7415.90	7633.00	7496.50	7368.10	8894.30	8730.20	8579.00	8835.50	8679.30	8531.20
	(xi)		60 cm x 50 cm rectangular	Each	6157.30	6038.00	5931.80	6098.50	5987.20	5883.90	7092.30	6957.70	6836.20	7033.50	6906.90	6788.30
	(xii)		60 cm x 45 cm rectangular	Each	5901.50	5786.50	5684.40	5842.70	5735.70	5636.60	6792.00	6662.30	6545.70	6733.20	6611.50	6497.90
	(xiii)		60 cm x 60 cm square	Each	6668.80	6541.10	6426.50	6610.00	6490.30	6378.70	7693.00	7548.50	7417.10	7634.20	7497.70	7369.30
	(xiv)		120 cm high octagon	Each	13770.00	13525.90	13294.90	13711.20	13475.10	13247.00	16032.00	15750.90	15482.80	15973.20	15700.10	15434.90
	(xv)		90 cm high octagon	Each	9320.00	9148.90	8990.80	9261.20	9098.10	8943.00	10806.30	10610.90	10428.40	10747.60	10560.10	10380.60
	(xvi)		75 cm high octagon	Each	7572.40	7429.90	7300.50	7513.60	7379.10	7252.70	8754.10	8592.30	8443.50	8695.30	8541.50	8395.70
B 8.05			Direction and Place Identification Signs upto 0.9 sqm Size Board.													
			Providing and erecting direction and place identification retro-reflectorised sign as per IRC:67 made of high intensity grade sheeting vide clause 801.3, fixed over aluminium sheeting, 2 mm thick or aluminium composite material sheet with overall thickness of 4mm with area not exceeding 0.9 sqm fixed over back support frame of min 35x35x3 mm Angle mounted on mild steel circular pipe 65 NB, firmly fixed to the ground by means of properly designed foundation with M25 grade cement concrete 45 x 45 x 60 cm, 60 cm below ground level as per approved drawing	Sqm	12999.10	12765.60	12546.60	12879.90	12656.20	12441.40	15060.00	14792.80	14540.00	14940.80	14683.40	14434.80
B 8.06			Direction and Place Identification Signs with size more than 0.9 sqm size Board.													
			Providing and erecting direction and place identification retro-reflectorised sign as per IRC :67 made of high intensity grade sheeting vide clause 801.3, fixed over aluminium sheeting, 2 mm thick or aluminium composite material sheet with overall thickness of 4mm with area exceeding 0.9 sqm fixed over back support frame of min 40x40x5 mm MS angle mounted on 2 Nos of mild circular pipe 65 NB, 3.2 mm thickness and 4.5 meter total height firmly fixed to the ground by means of properly designed foundation with M 25 grade cement concrete 45 cm x 45 cm x 60 cm, 60 cm below ground level as per approved drawing	Sqm	13919.80	13667.30	13432.10	13793.40	13552.30	13321.80	16095.80	15807.70	15536.80	15969.40	15692.60	15426.40

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(ii)		90 cm equilateral triangle	Each	6718.90	6590.40	6475.00	6660.10	6539.60	6427.20	7053.90	6919.90	6799.00	6995.10	6869.10	6751.20
	(iii)		75 cm equilateral triangle	Each	5798.40	5685.00	5584.60	5739.60	5634.20	5536.80	6058.00	5940.40	5835.80	5999.30	5889.60	5788.00
	(iv)		60 cm equilateral triangle	Each	5041.30	4940.30	4852.40	4982.50	4889.50	4804.60	5239.00	5134.80	5043.60	5180.20	5084.00	4995.80
	(v)		120 cm circular	Each	13429.30	13190.80	12965.40	13370.50	13140.00	12917.50	14313.30	14060.30	13820.40	14254.50	14009.50	13772.60
	(vi)		90 cm circular	Each	9170.80	9002.10	8846.50	9112.00	8951.30	8798.60	9706.40	9528.90	9364.50	9647.60	9478.10	9316.70
	(vii)		75 cm circular	Each	7501.80	7360.50	7232.20	7443.00	7309.70	7184.40	7900.80	7753.00	7618.20	7842.00	7702.20	7570.30
	(viii)		60 cm circular	Each	6133.90	6015.00	5909.20	6075.10	5964.20	5861.30	6421.00	6297.40	6186.90	6362.20	6246.60	6139.00
	(ix)		90 cm x 75 cm rectangular	Each	9506.30	9332.10	9171.00	9447.50	9281.30	9123.20	10069.30	9885.90	9715.60	10010.50	9835.10	9667.70
	(x)		80 cm x 60 cm rectangular	Each	7828.70	7682.00	7548.40	7769.90	7631.20	7500.60	8254.50	8100.80	7960.20	8195.70	8050.00	7912.40
	(xi)		60 cm x 50 cm rectangular	Each	6280.10	6158.90	6050.60	6221.40	6108.10	6002.80	6579.20	6453.10	6339.90	6520.40	6402.20	6292.10
	(xii)		60 cm x 45 cm rectangular	Each	6022.00	5905.00	5801.00	5963.30	5854.20	5753.10	6300.00	6178.40	6069.80	6241.20	6127.60	6022.00
	(xiii)		60 cm x 60 cm square	Each	6796.30	6666.60	6549.90	6737.50	6615.80	6502.00	7137.60	7002.30	6880.00	7078.90	6951.50	6832.20
	(xiv)		120 cm high octagon	Each	13962.70	13715.50	13481.30	13903.90	13664.70	13433.40	14890.30	14627.90	14378.50	14831.60	14577.10	14330.70
	(xv)		90 cm high octagon	Each	9471.90	9298.30	9137.70	9413.10	9247.50	9089.90	10032.10	9849.30	9679.60	9973.30	9798.50	9631.70
	(xvi)		75 cm high octagon	Each	7708.20	7563.60	7431.90	7649.50	7512.80	7384.10	8124.20	7972.70	7834.20	8065.40	7921.90	7786.40
B 8.05			Direction and Place Identification Signs upto 0.9 sqm Size Board.													
			Providing and erecting direction and place identification retro-reflectorised sign as per IRC:67 made of high intensity grade sheeting vide clause 801.3, fixed over aluminium sheeting, 2 mm thick or aluminium composite material sheet with overall thickness of 4mm with area not exceeding 0.9 sqm fixed over back support frame of min 35x35x3 mm Angle mounted on mild steel circular pipe 65 NB, firmly fixed to the ground by means of properly designed foundation with M25 grade cement concrete 45 x 45 x 60 cm, 60 cm below ground level as per approved drawing	Sqm	13191.90	12955.30	12733.20	13072.80	12845.90	12627.90	14003.40	13753.40	13518.00	13884.20	13644.00	13412.70
B 8.06			Direction and Place Identification Signs with size more than 0.9 sqm size Board.													
			Providing and erecting direction and place identification retro-reflectorised sign as per IRC :67 made of high intensity grade sheeting vide clause 801.3, fixed over aluminium sheeting, 2 mm thick or aluminium composite material sheet with overall thickness of 4mm with area exceeding 0.9 sqm fixed over back support frame of min 40x40x5 mm MS angle mounted on 2 Nos of mild circular pipe 65 NB, 3.2 mm thickness and 4.5 meter total height firmly fixed to the ground by means of properly designed foundation with M 25 grade cement concrete 45 cm x 45 cm x 60 cm, 60 cm below ground level as per approved drawing	Sqm	14136.10	13880.10	13641.30	14009.70	13765.00	13530.90	14968.20	14698.50	14446.00	14841.70	14583.40	14335.70

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(ii)		90 cm equilateral triangle	Each	8328.10	8173.30	8031.50	8269.30	8122.50	7983.60	7912.70	7764.70	7629.70	7854.00	7713.90	7581.80
	(iii)		75 cm equilateral triangle	Each	7173.30	7037.40	6914.50	7114.50	6986.60	6866.60	6808.10	6678.20	6561.30	6749.30	6627.40	6513.40
	(iv)		60 cm equilateral triangle	Each	6223.50	6103.20	5995.80	6164.70	6052.40	5948.00	5899.60	5784.60	5682.60	5840.80	5733.80	5634.70
	(v)		120 cm circular	Each	16746.60	16453.80	16173.90	16687.80	16403.00	16126.10	15965.20	15685.20	15418.10	15906.40	15634.40	15370.30
	(vi)		90 cm circular	Each	11404.10	11198.80	11006.60	11345.30	11148.00	10958.80	10855.00	10658.70	10475.50	10796.20	10607.90	10427.60
	(vii)		75 cm circular	Each	9310.30	9139.30	8981.40	9251.50	9088.50	8933.60	8852.20	8688.80	8538.30	8793.40	8637.90	8490.50
	(viii)		60 cm circular	Each	7594.20	7451.40	7321.60	7535.40	7400.60	7273.80	7210.70	7074.20	6950.70	7151.90	7023.40	6902.90
	(ix)		90 cm x 75 cm rectangular	Each	11825.00	11612.90	11413.70	11766.30	11562.10	11365.90	11257.60	11054.70	10864.90	11198.80	11003.90	10817.10
	(x)		80 cm x 60 cm rectangular	Each	9720.40	9542.70	9378.10	9661.60	9491.90	9330.30	9244.50	9074.60	8917.80	9185.70	9023.80	8869.90
	(xi)		60 cm x 50 cm rectangular	Each	7777.70	7631.90	7499.10	7718.90	7581.10	7451.20	7386.20	7246.80	7120.40	7327.40	7196.00	7072.60
	(xii)		60 cm x 45 cm rectangular	Each	7453.90	7313.40	7185.90	7395.10	7262.60	7138.10	7076.50	6942.20	6820.90	7017.70	6891.40	6773.00
	(xiii)		60 cm x 60 cm square	Each	8425.30	8268.80	8125.40	8366.50	8218.00	8077.60	8005.60	7856.10	7719.60	7946.90	7805.30	7671.70
	(xiv)		120 cm high octagon	Each	17415.80	17112.00	16821.20	17357.00	17061.20	16773.30	16605.30	16314.70	16037.20	16546.50	16263.90	15989.40
	(xv)		90 cm high octagon	Each	11781.90	11570.40	11372.00	11723.10	11519.60	11324.10	11216.30	11014.10	10824.90	11157.50	10963.30	10777.10
	(xvi)		75 cm high octagon	Each	9569.30	9394.10	9231.90	9510.50	9343.30	9184.10	9100.00	8932.50	8778.00	9041.20	8881.70	8730.10
B 8.05			Direction and Place Identification Signs upto 0.9 sqm Size Board.													
			Providing and erecting direction and place identification retro-reflectorised sign as per IRC:67 made of high intensity grade sheeting vide clause 801.3, fixed over aluminium sheeting, 2 mm thick or aluminium composite material sheet with overall thickness of 4mm with area not exceeding 0.9 sqm fixed over back support frame of min 35x35x3 mm Angle mounted on mild steel circular pipe 65 NB, firmly fixed to the ground by means of properly designed foundation with M25 grade cement concrete 45 x 45 x 60 cm, 60 cm below ground level as per approved drawing	Sqm	16366.20	16077.50	15803.30	16247.00	15968.10	15698.10	15605.10	15329.00	15067.20	15485.90	15219.50	14962.00
B 8.06			Direction and Place Identification Signs with size more than 0.9 sqm size Board.													
			Providing and erecting direction and place identification retro-reflectorised sign as per IRC :67 made of high intensity grade sheeting vide clause 801.3, fixed over aluminium sheeting, 2 mm thick or aluminium composite material sheet with overall thickness of 4mm with area exceeding 0.9 sqm fixed over back support frame of min 40x40x5 mm MS angle mounted on 2 Nos of mild circular pipe 65 NB, 3.2 mm thickness and 4.5 meter total height firmly fixed to the ground by means of properly designed foundation with M 25 grade cement concrete 45 cm x 45 cm x 60 cm, 60 cm below ground level as per approved drawing	Sqm	17508.00	17196.70	16902.60	17381.60	17081.60	16792.30	16688.00	16390.10	16109.50	16561.50	16275.00	15999.20

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.07			Overhead Signs													
			Providing and erecting overhead signs with a corrosion resistant 2mm thick aluminium alloy sheet reflectorised with high intensity retro-reflective sheeting of encapsulated lense type with vertical and lateral clearance given in clause 802.2 and 802.3 and installed as per clause 802.7 over a designed support system of aluminium alloy or galvanised steel trestles and trusses of sections and type as per structural design requirements and approved plans & as per IRC 67													
	A		Truss and Vertical Support	Tonne	142723.00	140383.30	138043.60	141090.70	138777.80	136464.80	134022.50	131825.40	129628.30	132390.20	130219.90	128049.60
	B		Aluminium Alloy Plate for Over Head Sign	Sqm	6911.80	6798.50	6685.20	6841.40	6729.20	6617.10	6478.10	6371.90	6265.70	6407.70	6302.70	6197.60
B 8.08			Painting Two Coats on New Concrete Surfaces													
			Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces	Sqm	142.00	139.70	137.40	117.90	116.00	114.10	139.10	136.80	134.50	115.00	113.10	111.20
B 8.09			Painting on Steel Surfaces													
			Providing and applying two coats of ready mix paint of approved brand on steel surface after through cleaning of surface to give an even shade	Sqm	127.50	125.40	123.30	105.10	103.40	101.60	125.00	123.00	120.90	102.60	100.90	99.30
B 8.10			Painting on Wood Surfaces													
			Providing and applying two coats of ready mix paint of approved brand on wood surface after thorough cleaning of surface to give an even shade	Sqm	136.80	134.60	132.40	114.10	112.20	110.30	133.90	131.70	129.50	111.10	109.30	107.50
B 8.11			Painting Lines, Dashes, Arrows etc on Roads in Two Coats on New Work													
			Painting lines, dashes, arrows etc on roads in two coats on new work with ready mixed road marking paint conforming to IS:164 on bituminous surface, including cleaning the surface of all dirt, dust and other foreign matter, demarcation at site and traffic control													
	(i)		Over 10 cm in width	Sqm	283.60	279.00	274.30	227.80	224.00	220.30	279.80	275.20	270.60	223.90	220.30	216.60
	(ii)		Up to 10 cm in width	Sqm	204.70	201.30	198.00	192.90	189.80	186.60	200.80	197.60	194.30	189.10	186.00	182.90
B 8.12			Painting Lines, Dashes, Arrows etc on Roads in Two Coats on Old Work													
			Painting lines, dashes, arrows etc on roads in two coats on old work with ready mixed road marking paint conforming to IS: 164 on bituminous surface, including cleaning the surface of all dirt, dust and other foreign matter, demarcation at site and traffic control													
	(i)		Over 10 cm in width	Sqm	197.70	194.40	191.20	157.50	154.90	152.30	195.30	192.10	188.90	155.20	152.60	150.10
	(ii)		Up to 10 cm in width	Sqm	181.60	178.60	175.70	169.90	167.10	164.30	179.30	176.30	173.40	167.50	164.80	162.00

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.07			Overhead Signs													
			Providing and erecting overhead signs with a corrosion resistant 2mm thick aluminium alloy sheet reflectorised with high intensity retro-reflective sheeting of encapsulated lense type with vertical and lateral clearance given in clause 802.2 and 802.3 and installed as per clause 802.7 over a designed support system of aluminium alloy or galvanised steel trestles and trusses of sections and type as per structural design requirements and approved plans & as per IRC 67													
	A		Truss and Vertical Support	Tonne	142723.00	140383.30	138043.60	141090.70	138777.80	136464.80	151423.50	148941.20	146458.80	149791.20	147335.60	144880.00
	B		Aluminium Alloy Plate for Over Head Sign	Sqm	6911.80	6798.50	6685.20	6841.40	6729.20	6617.10	7345.40	7225.00	7104.60	7275.00	7155.70	7036.50
B 8.08			Painting Two Coats on New Concrete Surfaces													
			Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces	Sqm	142.00	139.70	137.40	117.90	116.00	114.10	145.00	142.60	140.20	120.90	118.90	116.90
B 8.09			Painting on Steel Surfaces													
			Providing and applying two coats of ready mix paint of approved brand on steel surface after through cleaning of surface to give an even shade	Sqm	127.50	125.40	123.30	105.10	103.40	101.60	129.90	127.80	125.70	107.50	105.80	104.00
B 8.10			Painting on Wood Surfaces													
			Providing and applying two coats of ready mix paint of approved brand on wood surface after thorough cleaning of surface to give an even shade	Sqm	136.80	134.60	132.40	114.10	112.20	110.30	139.80	137.50	135.20	117.00	115.10	113.20
B 8.11			Painting Lines, Dashes, Arrows etc on Roads in Two Coats on New Work													
			Painting lines, dashes, arrows etc on roads in two coats on new work with ready mixed road marking paint conforming to IS:164 on bituminous surface, including cleaning the surface of all dirt, dust and other foreign matter, demarcation at site and traffic control													
	(i)		Over 10 cm in width	Sqm	283.60	279.00	274.30	227.80	224.00	220.30	287.50	282.80	278.10	231.60	227.80	224.00
	(ii)		Up to 10 cm in width	Sqm	204.70	201.30	198.00	192.90	189.80	186.60	208.50	205.10	201.70	196.80	193.60	190.30
B 8.12			Painting Lines, Dashes, Arrows etc on Roads in Two Coats on Old Work													
			Painting lines, dashes, arrows etc on roads in two coats on old work with ready mixed road marking paint conforming to IS: 164 on bituminous surface, including cleaning the surface of all dirt, dust and other foreign matter, demarcation at site and traffic control													
	(i)		Over 10 cm in width	Sqm	197.70	194.40	191.20	157.50	154.90	152.30	200.00	196.70	193.40	159.80	157.20	154.60
	(ii)		Up to 10 cm in width	Sqm	181.60	178.60	175.70	169.90	167.10	164.30	184.00	181.00	177.90	172.20	169.40	166.60

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.07			Overhead Signs													
			Providing and erecting overhead signs with a corrosion resistant 2mm thick aluminium alloy sheet reflectorised with high intensity retro-reflective sheeting of encapsulated lense type with vertical and lateral clearance given in clause 802.2 and 802.3 and installed as per clause 802.7 over a designed support system of aluminium alloy or galvanised steel trestles and trusses of sections and type as per structural design requirements and approved plans & as per IRC 67													
	A		Truss and Vertical Support	Tonne	167581.60	164834.30	162087.10	165949.30	163228.80	160508.30	163852.80	161166.70	158480.60	162220.50	159561.20	156901.80
	B		Aluminium Alloy Plate for Over Head Sign	Sqm	8150.70	8017.10	7883.50	8080.30	7947.90	7815.40	7964.90	7834.30	7703.70	7894.50	7765.10	7635.70
B 8.08			Painting Two Coats on New Concrete Surfaces													
			Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces	Sqm	150.40	148.00	145.50	126.30	124.30	122.20	149.20	146.70	144.30	125.10	123.00	121.00
B 8.09			Painting on Steel Surfaces													
			Providing and applying two coats of ready mix paint of approved brand on steel surface after through cleaning of surface to give an even shade	Sqm	134.50	132.30	130.10	112.10	110.20	108.40	133.40	131.20	129.00	111.00	109.20	107.40
B 8.10			Painting on Wood Surfaces													
			Providing and applying two coats of ready mix paint of approved brand on wood surface after thorough cleaning of surface to give an even shade	Sqm	145.20	142.90	140.50	122.50	120.50	118.40	144.00	141.60	139.30	121.20	119.20	117.20
B 8.11			Painting Lines, Dashes, Arrows etc on Roads in Two Coats on New Work													
			Painting lines, dashes, arrows etc on roads in two coats on new work with ready mixed road marking paint conforming to IS:164 on bituminous surface, including cleaning the surface of all dirt, dust and other foreign matter, demarcation at site and traffic control													
	(i)		Over 10 cm in width	Sqm	294.60	289.80	285.00	238.80	234.90	231.00	293.00	288.20	283.40	237.10	233.20	229.40
	(ii)		Up to 10 cm in width	Sqm	215.70	212.20	208.60	203.90	200.60	197.20	214.00	210.50	207.00	202.30	199.00	195.70
B 8.12			Painting Lines, Dashes, Arrows etc on Roads in Two Coats on Old Work													
			Painting lines, dashes, arrows etc on roads in two coats on old work with ready mixed road marking paint conforming to IS: 164 on bituminous surface, including cleaning the surface of all dirt, dust and other foreign matter, demarcation at site and traffic control													
	(i)		Over 10 cm in width	Sqm	204.40	201.00	197.70	164.20	161.50	158.80	203.30	200.00	196.70	163.20	160.50	157.80
	(ii)		Up to 10 cm in width	Sqm	188.30	185.20	182.10	176.60	173.70	170.80	187.30	184.20	181.20	175.60	172.70	169.80

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.07			Overhead Signs													
			Providing and erecting overhead signs with a corrosion resistant 2mm thick aluminium alloy sheet reflectorised with high intensity retro-reflective sheeting of encapsulated lense type with vertical and lateral clearance given in clause 802.2 and 802.3 and installed as per clause 802.7 over a designed support system of aluminium alloy or galvanised steel trestles and trusses of sections and type as per structural design requirements and approved plans & as per IRC 67													
	A		Truss and Vertical Support	Tonne	145208.90	142828.40	140447.90	143576.60	141222.90	138869.20	168824.50	166056.90	163289.30	167192.20	164451.40	161710.50
	B		Aluminium Alloy Plate for Over Head Sign	Sqm	7035.70	6920.30	6805.00	6965.30	6851.10	6736.90	8212.70	8078.10	7943.40	8142.30	8008.80	7875.30
B 8.08			Painting Two Coats on New Concrete Surfaces													
			Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces	Sqm	142.90	140.50	138.20	118.80	116.80	114.90	150.80	148.40	145.90	126.80	124.70	122.60
B 8.09			Painting on Steel Surfaces													
			Providing and applying two coats of ready mix paint of approved brand on steel surface after through cleaning of surface to give an even shade	Sqm	128.20	126.10	124.00	105.80	104.00	102.30	134.80	132.60	130.40	112.40	110.60	108.70
B 8.10			Painting on Wood Surfaces													
			Providing and applying two coats of ready mix paint of approved brand on wood surface after thorough cleaning of surface to give an even shade	Sqm	137.70	135.40	133.20	114.90	113.00	111.10	145.70	143.30	140.90	122.90	120.90	118.80
B 8.11			Painting Lines, Dashes, Arrows etc on Roads in Two Coats on New Work													
			Painting lines, dashes, arrows etc on roads in two coats on new work with ready mixed road marking paint conforming to IS:164 on bituminous surface, including cleaning the surface of all dirt, dust and other foreign matter, demarcation at site and traffic control													
	(i)		Over 10 cm in width	Sqm	284.70	280.10	275.40	228.90	225.10	221.40	295.20	290.30	285.50	239.30	235.40	231.50
	(ii)		Up to 10 cm in width	Sqm	205.80	202.40	199.00	194.00	190.90	187.70	216.20	212.70	209.20	204.50	201.10	197.80
B 8.12			Painting Lines, Dashes, Arrows etc on Roads in Two Coats on Old Work													
			Painting lines, dashes, arrows etc on roads in two coats on old work with ready mixed road marking paint conforming to IS: 164 on bituminous surface, including cleaning the surface of all dirt, dust and other foreign matter, demarcation at site and traffic control													
	(i)		Over 10 cm in width	Sqm	198.30	195.10	191.80	158.20	155.60	153.00	204.70	201.30	198.00	164.50	161.80	159.10
	(ii)		Up to 10 cm in width	Sqm	182.30	179.30	176.30	170.50	167.70	164.90	188.70	185.60	182.50	176.90	174.00	171.10

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.07			Overhead Signs													
			Providing and erecting overhead signs with a corrosion resistant 2mm thick aluminium alloy sheet reflectorised with high intensity retro-reflective sheeting of encapsulated lense type with vertical and lateral clearance given in clause 802.2 and 802.3 and installed as per clause 802.7 over a designed support system of aluminium alloy or galvanised steel trestles and trusses of sections and type as per structural design requirements and approved plans & as per IRC 67													
	A		Truss and Vertical Support	Tonne	146451.80	144051.00	141650.10	144819.50	142445.40	140071.30	157638.20	155053.90	152469.70	156005.90	153448.40	150890.90
	B		Aluminium Alloy Plate for Over Head Sign	Sqm	7097.60	6981.30	6864.90	7027.20	6912.00	6796.80	7655.20	7529.70	7404.20	7584.70	7460.40	7336.10
B 8.08			Painting Two Coats on New Concrete Surfaces													
			Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces	Sqm	143.30	140.90	138.60	119.20	117.20	115.30	147.10	144.70	142.20	123.00	121.00	118.90
B 8.09			Painting on Steel Surfaces													
			Providing and applying two coats of ready mix paint of approved brand on steel surface after through cleaning of surface to give an even shade	Sqm	128.50	126.40	124.30	106.10	104.40	102.60	131.70	129.50	127.40	109.30	107.50	105.70
B 8.10			Painting on Wood Surfaces													
			Providing and applying two coats of ready mix paint of approved brand on wood surface after thorough cleaning of surface to give an even shade	Sqm	138.10	135.80	133.60	115.30	113.40	111.50	141.90	139.60	137.20	119.10	117.10	115.20
B 8.11			Painting Lines, Dashes, Arrows etc on Roads in Two Coats on New Work													
			Painting lines, dashes, arrows etc on roads in two coats on new work with ready mixed road marking paint conforming to IS:164 on bituminous surface, including cleaning the surface of all dirt, dust and other foreign matter, demarcation at site and traffic control													
	(i)		Over 10 cm in width	Sqm	285.30	280.60	275.90	229.40	225.70	221.90	290.20	285.50	280.70	234.40	230.50	226.70
	(ii)		Up to 10 cm in width	Sqm	206.30	203.00	199.60	194.60	191.40	188.20	211.30	207.80	204.40	199.50	196.30	193.00
B 8.12			Painting Lines, Dashes, Arrows etc on Roads in Two Coats on Old Work													
			Painting lines, dashes, arrows etc on roads in two coats on old work with ready mixed road marking paint conforming to IS: 164 on bituminous surface, including cleaning the surface of all dirt, dust and other foreign matter, demarcation at site and traffic control													
	(i)		Over 10 cm in width	Sqm	198.70	195.40	192.20	158.50	155.90	153.30	201.70	198.40	195.10	161.50	158.90	156.20
	(ii)		Up to 10 cm in width	Sqm	182.60	179.60	176.60	170.90	168.10	165.30	185.60	182.60	179.60	173.90	171.00	168.20

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.07			Overhead Signs													
			Providing and erecting overhead signs with a corrosion resistant 2mm thick aluminium alloy sheet reflectorised with high intensity retro-reflective sheeting of encapsulated lense type with vertical and lateral clearance given in clause 802.2 and 802.3 and installed as per clause 802.7 over a designed support system of aluminium alloy or galvanised steel trestles and trusses of sections and type as per structural design requirements and approved plans & as per IRC 67													
	A		Truss and Vertical Support	Tonne	181253.80	178282.40	175311.00	179621.50	176676.90	173732.30	173796.20	170947.10	168098.00	172163.90	169341.60	166519.20
	B		Aluminium Alloy Plate for Over Head Sign	Sqm	8832.20	8687.40	8542.60	8761.80	8618.10	8474.50	8460.50	8321.80	8183.10	8390.10	8252.50	8115.00
B 8.08			Painting Two Coats on New Concrete Surfaces													
			Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces	Sqm	155.00	152.50	150.00	131.00	128.80	126.70	152.50	150.00	147.50	128.40	126.30	124.20
B 8.09			Painting on Steel Surfaces													
			Providing and applying two coats of ready mix paint of approved brand on steel surface after through cleaning of surface to give an even shade	Sqm	138.30	136.10	133.80	115.90	114.00	112.10	136.20	134.00	131.80	113.80	112.00	110.10
B 8.10			Painting on Wood Surfaces													
			Providing and applying two coats of ready mix paint of approved brand on wood surface after thorough cleaning of surface to give an even shade	Sqm	149.90	147.40	145.00	127.10	125.00	122.90	147.30	144.90	142.50	124.60	122.50	120.50
B 8.11			Painting Lines, Dashes, Arrows etc on Roads in Two Coats on New Work													
			Painting lines, dashes, arrows etc on roads in two coats on new work with ready mixed road marking paint conforming to IS:164 on bituminous surface, including cleaning the surface of all dirt, dust and other foreign matter, demarcation at site and traffic control													
	(i)		Over 10 cm in width	Sqm	300.70	295.80	290.80	244.80	240.80	236.80	297.40	292.50	287.60	241.50	237.60	233.60
	(ii)		Up to 10 cm in width	Sqm	221.70	218.10	214.50	210.00	206.50	203.10	218.40	214.90	211.30	206.70	203.30	199.90
B 8.12			Painting Lines, Dashes, Arrows etc on Roads in Two Coats on Old Work													
			Painting lines, dashes, arrows etc on roads in two coats on old work with ready mixed road marking paint conforming to IS: 164 on bituminous surface, including cleaning the surface of all dirt, dust and other foreign matter, demarcation at site and traffic control													
	(i)		Over 10 cm in width	Sqm	208.00	204.60	201.20	167.90	165.10	162.40	206.00	202.60	199.30	165.90	163.10	160.40
	(ii)		Up to 10 cm in width	Sqm	192.00	188.80	185.70	180.20	177.30	174.30	190.00	186.90	183.80	178.20	175.30	172.40

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.13			Road Marking with Hot Applied Thermoplastic Compound with Reflectorisng Glass Beads on Bituminous Surface													
			Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorisng glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 .The finished surface to be level, uniform and free from streaks and holes.	Sqm	726.30	714.40	702.50	726.00	714.10	702.20	679.40	668.30	657.10	679.10	668.00	656.80
B 8.14			Kilometre Stone													
			Reinforced cement concrete M15grade kilometre stone of standard design as per IRC:8-1980, fixing in position including painting and printing etc													
	(i)		5th kilometre stone (precast)	Nos	6226.80	6065.60	5946.10	5657.40	5528.20	5424.90	5993.10	5835.80	5720.10	5423.80	5298.40	5198.90
	(ii)		Ordinary kilometer stone (precast)	Nos	3869.30	3765.30	3689.90	3558.80	3475.40	3409.80	3710.60	3609.20	3536.40	3400.10	3319.30	3256.30
	(iii)		Hectometer stone (precast)	Nos	982.10	958.70	940.40	888.90	869.80	853.90	952.50	929.60	911.80	859.30	840.70	825.20
B 8.15			Road Delineators													
			Supplying and installation of delineators (road way indicators, hazard markers, object markers), 80-100 cm high above ground level, painted black and white in 15 cm wide strips, fitted with 80 x 100 mm rectangular or 75 mm dia circular reflectorised panels at the top, buried or pressed into the ground and conforming toIRC-79 and the drawings.	Each	431.80	424.80	417.70	423.80	416.90	409.90	405.70	399.10	392.40	397.70	391.20	384.60
B 8.16			Boundary pillar													
			Reinforced cement concrete M15 grade boundary pillars of standard design as per IRC:25-1967, fixed in position including finishing and lettering but excluding painting	Each	898.70	880.60	864.90	816.30	800.80	786.80	884.80	866.90	851.40	802.40	787.10	773.30
B 8.17			G.I Barbed Wire Fencing 1.2 Metre High													
			Providing and fixing 1.2 metres high GI barbed wire fencing with 1.8 m angle iron posts 40 mm x 40 mm x 6 mm placed every 3 metres center to center founded in M15 grade cement concrete, 0.6 metre below ground level, every 15th post, last but one end post and corner post shall be struttred on both sides and end post on one side only and provided with 9 horizontal lines and 2 diagonals interwoven with horizontal wires, fixed with GI staples, turn buckles etc complete as per clause 817	Metre	423.00	416.10	409.20	402.50	395.90	389.30	414.00	407.20	400.40	393.40	386.90	380.50

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.13			Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface													
			Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 .The finished surface to be level, uniform and free from streaks and holes.	Sqm	726.30	714.40	702.50	726.00	714.10	702.20	773.30	760.60	747.90	773.00	760.30	747.60
B 8.14			Kilometre Stone													
			Reinforced cement concrete M15grade kilometre stone of standard design as per IRC:8-1980, fixing in position including painting and printing etc													
	(i)		5th kilometre stone (precast)	Nos	6226.80	6065.60	5946.10	5657.40	5528.20	5424.90	6980.10	6806.60	6674.70	6410.70	6269.20	6153.50
	(ii)		Ordinary kilometer stone (precast)	Nos	3869.30	3765.30	3689.90	3558.80	3475.40	3409.80	4384.60	4272.10	4188.30	4074.00	3982.20	3908.20
	(iii)		Hectometer stone (precast)	Nos	982.10	958.70	940.40	888.90	869.80	853.90	1077.10	1052.10	1032.30	983.90	963.20	945.70
B 8.15			Road Delineators													
			Supplying and installation of delineators (road way indicators, hazard markers, object markers), 80-100 cm high above ground level, painted black and white in 15 cm wide strips, fitted with 80 x 100 mm rectangular or 75 mm dia circular reflectorised panels at the top, buried or pressed into the ground and conforming toIRC-79 and the drawings.	Each	431.80	424.80	417.70	423.80	416.90	409.90	458.00	450.50	443.00	449.90	442.60	435.20
B 8.16			Boundary pillar													
			Reinforced cement concrete M15 grade boundary pillars of standard design as per IRC:25-1967, fixed in position including finishing and lettering but excluding painting	Each	898.70	880.60	864.90	816.30	800.80	786.80	943.10	924.30	907.80	860.70	844.50	829.70
B 8.17			G.I Barbed Wire Fencing 1.2 Metre High													
			Providing and fixing 1.2 metres high GI barbed wire fencing with 1.8 m angle iron posts 40 mm x 40 mm x 6 mm placed every 3 metres center to center founded in M15 grade cement concrete, 0.6 metre below ground level, every 15th post, last but one end post and corner post shall be struttred on both sides and end post on one side only and provided with 9 horizontal lines and 2 diagonals interwoven with horizontal wires, fixed with GI staples, turn buckles etc complete as per clause 817	Metre	423.00	416.10	409.20	402.50	395.90	389.30	435.30	428.10	421.00	414.70	407.90	401.10

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.13			Road Marking with Hot Applied Thermoplastic Compound with Reflectorisng Glass Beads on Bituminous Surface													
			Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorisng glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 .The finished surface to be level, uniform and free from streaks and holes.	Sqm	860.50	846.40	832.30	860.20	846.10	832.00	840.40	826.60	812.80	840.10	826.30	812.50
B 8.14			Kilometre Stone													
			Reinforced cement concrete M15grade kilometre stone of standard design as per IRC:8-1980, fixing in position including painting and printing etc													
	(i)		5th kilometre stone (precast)	Nos	7496.90	7314.90	7174.50	6927.50	6777.40	6653.30	7377.60	7197.60	7059.20	6808.20	6660.20	6538.00
	(ii)		Ordinary kilometer stone (precast)	Nos	4736.10	4617.90	4528.30	4425.60	4328.00	4248.20	4655.00	4538.10	4449.80	4344.40	4248.20	4169.70
	(iii)		Hectometer stone (precast)	Nos	1142.50	1116.40	1095.50	1049.30	1027.50	1009.00	1127.40	1101.60	1080.90	1034.20	1012.70	994.40
B 8.15			Road Delineators													
			Supplying and installation of delineators (road way indicators, hazard markers, object markers), 80-100 cm high above ground level, painted black and white in 15 cm wide strips, fitted with 80 x 100 mm rectangular or 75 mm dia circular reflectorised panels at the top, buried or pressed into the ground and conforming toIRC-79 and the drawings.	Each	506.50	498.20	489.90	498.50	490.30	482.10	495.30	487.20	479.10	487.30	479.30	471.30
B 8.16			Boundary pillar													
			Reinforced cement concrete M15 grade boundary pillars of standard design as per IRC:25-1967, fixed in position including finishing and lettering but excluding painting	Each	973.80	954.50	937.50	891.30	874.60	859.40	966.70	947.50	930.60	884.30	867.70	852.50
B 8.17			G.I Barbed Wire Fencing 1.2 Metre High													
			Providing and fixing 1.2 metres high GI barbed wire fencing with 1.8 m angle iron posts 40 mm x 40 mm x 6 mm placed every 3 metres center to center founded in M15 grade cement concrete, 0.6 metre below ground level, every 15th post, last but one end post and corner post shall be struttred on both sides and end post on one side only and provided with 9 horizontal lines and 2 diagonals interwoven with horizontal wires, fixed with GI staples, turn buckles etc complete as per clause 817	Metre	452.50	445.10	437.70	431.90	424.90	417.80	448.50	441.20	433.80	428.00	420.90	413.90

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.13			Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface													
			Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 .The finished surface to be level, uniform and free from streaks and holes.	Sqm	739.80	727.60	715.50	739.50	727.30	715.20	867.20	853.00	838.80	866.90	852.70	838.50
B 8.14			Kilometre Stone													
			Reinforced cement concrete M15grade kilometre stone of standard design as per IRC:8-1980, fixing in position including painting and printing etc													
	(i)		5th kilometre stone (precast)	Nos	6550.10	6383.60	6258.80	5980.70	5846.20	5737.60	7690.80	7505.60	7362.10	7121.40	6968.20	6840.90
	(ii)		Ordinary kilometer stone (precast)	Nos	4090.90	3983.20	3904.20	3780.30	3693.30	3624.10	4868.90	4748.40	4656.70	4558.30	4458.50	4376.60
	(iii)		Hectometer stone (precast)	Nos	1022.50	998.40	979.50	929.30	909.50	892.90	1167.10	1140.70	1119.30	1073.90	1051.80	1032.80
B 8.15			Road Delineators													
			Supplying and installation of delineators (road way indicators, hazard markers, object markers), 80-100 cm high above ground level, painted black and white in 15 cm wide strips, fitted with 80 x 100 mm rectangular or 75 mm dia circular reflectorised panels at the top, buried or pressed into the ground and conforming toIRC-79 and the drawings.	Each	439.30	432.10	424.90	431.30	424.20	417.10	510.20	501.90	493.50	502.20	494.00	485.70
B 8.16			Boundary pillar													
			Reinforced cement concrete M15 grade boundary pillars of standard design as per IRC:25-1967, fixed in position including finishing and lettering but excluding painting	Each	917.50	899.10	883.00	835.00	819.30	804.90	985.40	965.80	948.70	902.90	886.00	870.60
B 8.17			G.I Barbed Wire Fencing 1.2 Metre High													
			Providing and fixing 1.2 metres high GI barbed wire fencing with 1.8 m angle iron posts 40 mm x 40 mm x 6 mm placed every 3 metres center to center founded in M15 grade cement concrete, 0.6 metre below ground level, every 15th post, last but one end post and corner post shall be struttred on both sides and end post on one side only and provided with 9 horizontal lines and 2 diagonals interwoven with horizontal wires, fixed with GI staples, turn buckles etc complete as per clause 817	Metre	426.60	419.60	412.60	406.00	399.30	392.70	455.20	447.80	440.30	434.60	427.50	420.40

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.13			Road Marking with Hot Applied Thermoplastic Compound with Reflectorisng Glass Beads on Bituminous Surface													
			Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorisng glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 .The finished surface to be level, uniform and free from streaks and holes.	Sqm	746.50	734.20	722.00	746.20	733.90	721.70	806.80	793.60	780.40	806.50	793.30	780.10
B 8.14			Kilometre Stone													
			Reinforced cement concrete M15grade kilometre stone of standard design as per IRC:8-1980, fixing in position including painting and printing etc													
	(i)		5th kilometre stone (precast)	Nos	6782.60	6612.30	6483.70	6213.20	6074.90	5962.50	6986.20	6812.50	6680.60	6416.80	6275.10	6159.40
	(ii)		Ordinary kilometer stone (precast)	Nos	4250.00	4139.70	4058.10	3939.40	3849.80	3778.00	4387.70	4275.20	4191.30	4077.10	3985.30	3911.20
	(iii)		Hectometer stone (precast)	Nos	1052.00	1027.50	1008.10	958.80	938.60	921.50	1077.70	1052.70	1032.90	984.50	963.80	946.30
B 8.15			Road Delineators													
			Supplying and installation of delineators (road way indicators, hazard markers, object markers), 80-100 cm high above ground level, painted black and white in 15 cm wide strips, fitted with 80 x 100 mm rectangular or 75 mm dia circular reflectorised panels at the top, buried or pressed into the ground and conforming toIRC-79 and the drawings.	Each	443.00	435.80	428.50	435.00	427.90	420.80	476.60	468.80	461.00	468.60	460.90	453.30
B 8.16			Boundary pillar													
			Reinforced cement concrete M15 grade boundary pillars of standard design as per IRC:25-1967, fixed in position including finishing and lettering but excluding painting	Each	931.40	912.70	896.40	848.90	832.90	818.30	943.40	924.60	908.10	860.90	844.70	830.00
B 8.17			G.I Barbed Wire Fencing 1.2 Metre High													
			Providing and fixing 1.2 metres high GI barbed wire fencing with 1.8 m angle iron posts 40 mm x 40 mm x 6 mm placed every 3 metres center to center founded in M15 grade cement concrete, 0.6 metre below ground level, every 15th post, last but one end post and corner post shall be struttred on both sides and end post on one side only and provided with 9 horizontal lines and 2 diagonals interwoven with horizontal wires, fixed with GI staples, turn buckles etc complete as per clause 817	Metre	429.60	422.60	415.50	409.10	402.40	395.60	440.20	433.00	425.70	419.60	412.70	405.80

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.13			Road Marking with Hot Applied Thermoplastic Compound with Reflectorisng Glass Beads on Bituminous Surface													
			Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorisng glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 .The finished surface to be level, uniform and free from streaks and holes.	Sqm	934.30	918.90	903.60	934.00	918.60	903.30	894.00	879.40	864.70	893.70	879.10	864.40
B 8.14			Kilometre Stone													
			Reinforced cement concrete M15grade kilometre stone of standard design as per IRC:8-1980, fixing in position including painting and printing etc													
	(i)		5th kilometre stone (precast)	Nos	8743.50	8541.00	8380.30	8174.10	8003.60	7859.10	8158.10	7965.30	7814.10	7588.70	7427.80	7292.90
	(ii)		Ordinary kilometer stone (precast)	Nos	5588.40	5456.20	5352.60	5277.80	5166.30	5072.50	5188.40	5062.70	4965.70	4877.80	4772.80	4685.60
	(iii)		Hectometer stone (precast)	Nos	1300.70	1272.10	1248.60	1207.60	1183.20	1162.00	1226.40	1199.00	1176.70	1133.30	1110.10	1090.20
B 8.15			Road Delineators													
			Supplying and installation of delineators (road way indicators, hazard markers, object markers), 80-100 cm high above ground level, painted black and white in 15 cm wide strips, fitted with 80 x 100 mm rectangular or 75 mm dia circular reflectorised panels at the top, buried or pressed into the ground and conforming toIRC-79 and the drawings.	Each	547.60	538.60	529.60	539.50	530.70	521.90	525.20	516.60	508.00	517.10	508.70	500.20
B 8.16			Boundary pillar													
			Reinforced cement concrete M15 grade boundary pillars of standard design as per IRC:25-1967, fixed in position including finishing and lettering but excluding painting	Each	1048.10	1027.60	1009.40	965.70	947.80	931.30	1013.20	993.30	975.60	930.80	913.40	897.50
B 8.17			G.I Barbed Wire Fencing 1.2 Metre High													
			Providing and fixing 1.2 metres high GI barbed wire fencing with 1.8 m angle iron posts 40 mm x 40 mm x 6 mm placed every 3 metres center to center founded in M15 grade cement concrete, 0.6 metre below ground level, every 15th post, last but one end post and corner post shall be struttred on both sides and end post on one side only and provided with 9 horizontal lines and 2 diagonals interwoven with horizontal wires, fixed with GI staples, turn buckles etc complete as per clause 817	Metre	474.40	466.60	458.80	453.80	446.30	438.90	463.30	455.70	448.10	442.70	435.50	428.20

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.18			G.I Barbed Wire Fencing 1.8 Metre High													
			Providing and fixing 1.8 metres high GI barbed wire fencing with 2.4 m angle iron posts 50 mm x 50 mm x 6 mm placed every 3 metres center to center founded in M15 grade cement concrete, 0.6 metre below ground level, every 15th post, last but one end post and corner post shall be struttred on both sides and end post on one side only and provided with 12 horizontal lines and 2 diagonals interwoven with horizontal wires, fixed with GI staples, turn buckles etc complete as per clause 808	Metre	692.00	680.70	669.30	664.30	653.40	642.50	678.90	667.80	656.70	651.20	640.50	629.90
B 8.19			Fencing With Welded Steel Wire Fabric 75 mm x 50 mm													
			Providing 1.20 metre high fencing with angle iron posts 50 mm x 50 mm x 6 mm at 3 metre center to center with 0.40 metre embedded in M15 grade cement concrete, corner, end and every 10th post to be struttred, provided with welded steel wire fabric of 75 mm x 50 mm mesh or 75 mm x 25 mm mesh and fixed to iron posts by flat iron 50 x 5 mm and bolts etc. complete in all respects.	Metre	1179.00	1159.60	1140.30	1145.30	1126.50	1107.80	1131.90	1113.30	1094.80	1098.20	1080.20	1062.20
B 8.20			Tubular Steel Railing on Medium Weight Steel Channel (ISMC series) 100 mm x 50 mm													
			Providing, fixing and erecting 50 mm dia steel pipe railing in 3 rows duly painted on medium weight steel channels (ISMC series) 100 mm x 50 mm, 1.2 metres high above ground, 2 m centre to centre, complete as per approved drawings	Metre	2827.40	2771.30	2722.10	2780.10	2728.50	2681.20	2705.70	2651.60	2604.40	2658.40	2608.80	2563.50

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.18			G.I Barbed Wire Fencing 1.8 Metre High													
			Providing and fixing 1.8 metres high GI barbed wire fencing with 2.4 m angle iron posts 50 mm x 50 mm x 6 mm placed every 3 metres center to center founded in M15 grade cement concrete, 0.6 metre below ground level, every 15th post, last but one end post and corner post shall be struttred on both sides and end post on one side only and provided with 12 horizontal lines and 2 diagonals interwoven with horizontal wires, fixed with GI staples, turn buckles etc complete as per clause 808	Metre	692.00	680.70	669.30	664.30	653.40	642.50	711.10	699.40	687.80	683.40	672.20	661.00
B 8.19			Fencing With Welded Steel Wire Fabric 75 mm x 50 mm													
			Providing 1.20 metre high fencing with angle iron posts 50 mm x 50 mm x 6 mm at 3 metre center to center with 0.40 metre embedded in M15 grade cement concrete, corner, end and every 10th post to be struttred, provided with welded steel wire fabric of 75 mm x 50 mm mesh or 75 mm x 25 mm mesh and fixed to iron posts by flat iron 50 x 5 mm and bolts etc. complete in all respects.	Metre	1179.00	1159.60	1140.30	1145.30	1126.50	1107.80	1231.10	1210.90	1190.70	1197.50	1177.80	1158.20
B 8.20			Tubular Steel Railing on Medium Weight Steel Channel (ISMC series) 100 mm x 50 mm													
			Providing, fixing and erecting 50 mm dia steel pipe railing in 3 rows duly painted on medium weight steel channels (ISMC series) 100 mm x 50 mm, 1.2 metres high above ground, 2 m centre to centre, complete as per approved drawings	Metre	2827.40	2771.30	2722.10	2780.10	2728.50	2681.20	3046.10	2986.40	2933.60	2998.80	2943.60	2892.70

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.18			G.I Barbed Wire Fencing 1.8 Metre High													
			Providing and fixing 1.8 metres high GI barbed wire fencing with 2.4 m angle iron posts 50 mm x 50 mm x 6 mm placed every 3 metres center to center founded in M15 grade cement concrete, 0.6 metre below ground level, every 15th post, last but one end post and corner post shall be struttred on both sides and end post on one side only and provided with 12 horizontal lines and 2 diagonals interwoven with horizontal wires, fixed with GI staples, turn buckles etc complete as per clause 808	Metre	736.10	724.00	711.90	708.40	696.70	685.10	730.30	718.30	706.40	702.60	691.10	679.50
B 8.19			Fencing With Welded Steel Wire Fabric 75 mm x 50 mm													
			Providing 1.20 metre high fencing with angle iron posts 50 mm x 50 mm x 6 mm at 3 metre center to center with 0.40 metre embedded in M15 grade cement concrete, corner, end and every 10th post to be struttred, provided with welded steel wire fabric of 75 mm x 50 mm mesh or 75 mm x 25 mm mesh and fixed to iron posts by flat iron 50 x 5 mm and bolts etc. complete in all respects.	Metre	1319.10	1297.50	1275.90	1285.50	1264.40	1243.30	1298.80	1277.50	1256.20	1265.20	1244.40	1223.70
B 8.20			Tubular Steel Railing on Medium Weight Steel Channel (ISMC series) 100 mm x 50 mm													
			Providing, fixing and erecting 50 mm dia steel pipe railing in 3 rows duly painted on medium weight steel channels (ISMC series) 100 mm x 50 mm, 1.2 metres high above ground, 2 m centre to centre, complete as per approved drawings	Metre	3287.00	3223.30	3166.60	3239.70	3180.60	3125.70	3231.40	3168.60	3112.80	3184.10	3125.90	3072.00

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.18			G.I Barbed Wire Fencing 1.8 Metre High													
			Providing and fixing 1.8 metres high GI barbed wire fencing with 2.4 m angle iron posts 50 mm x 50 mm x 6 mm placed every 3 metres center to center founded in M15 grade cement concrete, 0.6 metre below ground level, every 15th post, last but one end post and corner post shall be struttred on both sides and end post on one side only and provided with 12 horizontal lines and 2 diagonals interwoven with horizontal wires, fixed with GI staples, turn buckles etc complete as per clause 808	Metre	697.50	686.10	674.70	669.80	658.80	647.90	740.60	728.50	716.30	712.90	701.20	689.50
B 8.19			Fencing With Welded Steel Wire Fabric 75 mm x 50 mm													
			Providing 1.20 metre high fencing with angle iron posts 50 mm x 50 mm x 6 mm at 3 metre center to center with 0.40 metre embedded in M15 grade cement concrete, corner, end and every 10th post to be struttred, provided with welded steel wire fabric of 75 mm x 50 mm mesh or 75 mm x 25 mm mesh and fixed to iron posts by flat iron 50 x 5 mm and bolts etc. complete in all respects.	Metre	1193.90	1174.40	1154.80	1160.30	1141.30	1122.20	1328.10	1306.30	1284.60	1294.50	1273.20	1252.00
B 8.20			Tubular Steel Railing on Medium Weight Steel Channel (ISMC series) 100 mm x 50 mm													
			Providing, fixing and erecting 50 mm dia steel pipe railing in 3 rows duly painted on medium weight steel channels (ISMC series) 100 mm x 50 mm, 1.2 metres high above ground, 2 m centre to centre, complete as per approved drawings	Metre	2907.90	2850.50	2799.90	2860.60	2807.70	2759.10	3335.80	3271.40	3213.90	3288.50	3228.60	3173.00

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.18			G.I Barbed Wire Fencing 1.8 Metre High													
			Providing and fixing 1.8 metres high GI barbed wire fencing with 2.4 m angle iron posts 50 mm x 50 mm x 6 mm placed every 3 metres center to center founded in M15 grade cement concrete, 0.6 metre below ground level, every 15th post, last but one end post and corner post shall be struttred on both sides and end post on one side only and provided with 12 horizontal lines and 2 diagonals interwoven with horizontal wires, fixed with GI staples, turn buckles etc complete as per clause 808	Metre	702.70	691.20	679.70	675.00	663.90	652.90	717.40	705.70	693.90	689.70	678.40	667.10
B 8.19			Fencing With Welded Steel Wire Fabric 75 mm x 50 mm													
			Providing 1.20 metre high fencing with angle iron posts 50 mm x 50 mm x 6 mm at 3 metre center to center with 0.40 metre embedded in M15 grade cement concrete, corner, end and every 10th post to be struttred, provided with welded steel wire fabric of 75 mm x 50 mm mesh or 75 mm x 25 mm mesh and fixed to iron posts by flat iron 50 x 5 mm and bolts etc. complete in all respects.	Metre	1203.50	1183.70	1164.00	1169.80	1150.70	1131.50	1262.20	1241.50	1220.80	1228.50	1208.40	1188.30
B 8.20			Tubular Steel Railing on Medium Weight Steel Channel (ISMC series) 100 mm x 50 mm													
			Providing, fixing and erecting 50 mm dia steel pipe railing in 3 rows duly painted on medium weight steel channels (ISMC series) 100 mm x 50 mm, 1.2 metres high above ground, 2 m centre to centre, complete as per approved drawings	Metre	2964.30	2906.00	2854.50	2917.00	2863.20	2813.70	3100.80	3040.20	2986.50	3053.50	2997.40	2945.70

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.18			G.I Barbed Wire Fencing 1.8 Metre High													
			Providing and fixing 1.8 metres high GI barbed wire fencing with 2.4 m angle iron posts 50 mm x 50 mm x 6 mm placed every 3 metres center to center founded in M15 grade cement concrete, 0.6 metre below ground level, every 15th post, last but one end post and corner post shall be struttred on both sides and end post on one side only and provided with 12 horizontal lines and 2 diagonals interwoven with horizontal wires, fixed with GI staples, turn buckles etc complete as per clause 808	Metre	770.90	758.30	745.70	743.20	731.00	718.90	753.50	741.20	728.80	725.80	713.90	702.00
B 8.19			Fencing With Welded Steel Wire Fabric 75 mm x 50 mm													
			Providing 1.20 metre high fencing with angle iron posts 50 mm x 50 mm x 6 mm at 3 metre center to center with 0.40 metre embedded in M15 grade cement concrete, corner, end and every 10th post to be struttred, provided with welded steel wire fabric of 75 mm x 50 mm mesh or 75 mm x 25 mm mesh and fixed to iron posts by flat iron 50 x 5 mm and bolts etc. complete in all respects.	Metre	1405.30	1382.20	1359.20	1371.60	1349.10	1326.60	1359.60	1337.30	1315.10	1326.00	1304.30	1282.50
B 8.20			Tubular Steel Railing on Medium Weight Steel Channel (ISMC series) 100 mm x 50 mm													
			Providing, fixing and erecting 50 mm dia steel pipe railing in 3 rows duly painted on medium weight steel channels (ISMC series) 100 mm x 50 mm, 1.2 metres high above ground, 2 m centre to centre, complete as per approved drawings	Metre	3650.10	3580.50	3517.80	3602.80	3537.70	3476.90	3470.60	3404.00	3344.20	3423.30	3361.20	3303.40

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.21			Tubular Steel Railing on Precast RCC Posts, 1.2 m High Above Ground Level													
			Providing, fencing and erecting 50 mm dia painted steel pipe railing in 3 rows on precast M20 grade RCC vertical posts 1.8 metres high (1.2 m above GL) with 3 holes 50 mm dia for pipe, fixed 2 metres centre to, complete as per approved drawing	Metre	7184.40	6986.00	6844.60	6969.50	6805.60	6677.20	6782.60	6590.70	6455.90	6567.60	6410.30	6288.50
B 8.22			Reinforced Cement Concrete Crash Barrier													
	A		Provision of an Reinforced Cement Concrete crash barrier at the edges of the road, approaches to bridge structures and medians, constructed with RCC with HYSD reinforcement conforming to MoRTH specification and as per details given in IRC-5 (fig 5, b) including dowel bars 25mm dia, 450 mm long at expansion joints filled with pre-moulded asphalt filler board etc, as per approved drawing and at locations directed by the Engineer, all as specified. Area-0.243 sqm/meter, Single face)													
	(i)	MF	M 25 grade concrete	Metre	2261.30	2205.90	2163.50	2198.40	2151.10	2111.80	2174.30	2120.30	2079.30	2111.40	2065.50	2027.70
	(ii)	MF	M 30 grade concrete	Metre	2261.30	2205.90	2163.50	2198.40	2151.10	2111.80	2174.30	2120.30	2079.30	2111.40	2065.50	2027.70
	B		Provision of an Reinforced Cement Concrete new jersey crash barrier at the medians, constructed with RCC with HYSD reinforcement conforming to MoRTH specification and as per details given in IRC-119 (fig 26) including dowel bars 25mm dia, 450 mm long at expansion joints filled with pre-moulded asphalt filler board etc, as per approved drawing and at locations directed by the Engineer, all as specified. Area-0.261 sqm/meter, Double face)													
	(i)	MF	M 25 grade concrete	Metre	4097.80	4030.60	3963.40	4032.50	3966.40	3900.30	3904.50	3840.50	3776.50	3839.20	3776.20	3713.30
	(ii)	MF	M 30 grade concrete	Metre	4115.00	4047.60	3980.10	4049.70	3983.30	3916.90	3920.70	3856.50	3792.20	3855.40	3792.20	3729.00
B 8.23			Metal Beam Crash Barrier													
	A		Type - A, "W" : Metal Beam Crash Barrier													
		MF	Providing and erecting a "W" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 70 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 1.8 m high, 1.1 m below ground/road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm, 330 mm long complete as per clause 811	Metre	4637.70	4561.60	4485.60	4547.00	4472.40	4397.90	4498.40	4424.60	4350.90	4407.60	4335.40	4263.10

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.21			Tubular Steel Railing on Precast RCC Posts, 1.2 m High Above Ground Level													
			Providing, fencing and erecting 50 mm dia painted steel pipe railing in 3 rows on precast M20 grade RCC vertical posts 1.8 metres high (1.2 m above GL) with 3 holes 50 mm dia for pipe, fixed 2 metres centre to, complete as per approved drawing	Metre	7184.40	6986.00	6844.60	6969.50	6805.60	6677.20	8272.40	8056.10	7896.90	8057.50	7875.80	7729.50
B 8.22			Reinforced Cement Concrete Crash Barrier													
	A		Provision of an Reinforced Cement Concrete crash barrier at the edges of the road, approaches to bridge structures and medians, constructed with RCC with HYSD reinforcement conforming to MoRTH specification and as per details given in IRC-5 (fig 5, b) including dowel bars 25mm dia, 450 mm long at expansion joints filled with pre-moulded asphalt filler board etc, as per approved drawing and at locations directed by the Engineer, all as specified. Area-0.243 sqm/meter, Single face)													
	(i)	MF	M 25 grade concrete	Metre	2261.30	2205.90	2163.50	2198.40	2151.10	2111.80	2490.00	2430.90	2384.70	2427.10	2376.10	2333.00
	(ii)	MF	M 30 grade concrete	Metre	2261.30	2205.90	2163.50	2198.40	2151.10	2111.80	2490.00	2430.90	2384.70	2427.10	2376.10	2333.00
	B		Provision of an Reinforced Cement Concrete new jersey crash barrier at the medians, constructed with RCC with HYSD reinforcement conforming to MoRTH specification and as per details given in IRC-119 (fig 26) including dowel bars 25mm dia, 450 mm long at expansion joints filled with pre-moulded asphalt filler board etc, as per approved drawing and at locations directed by the Engineer, all as specified. Area-0.261 sqm/meter, Double face)													
	(i)	MF	M 25 grade concrete	Metre	4097.80	4030.60	3963.40	4032.50	3966.40	3900.30	4610.00	4534.50	4458.90	4544.70	4470.20	4395.70
	(ii)	MF	M 30 grade concrete	Metre	4115.00	4047.60	3980.10	4049.70	3983.30	3916.90	4629.70	4553.80	4477.90	4564.40	4489.50	4414.70
B 8.23			Metal Beam Crash Barrier													
	A		Type - A, "W" : Metal Beam Crash Barrier													
		MF	Providing and erecting a "W" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 70 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 1.8 m high, 1.1 m below ground/road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm, 330 mm long complete as per clause 811	Metre	4637.70	4561.60	4485.60	4547.00	4472.40	4397.90	4810.60	4731.70	4652.80	4719.80	4642.50	4565.10

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.21			Tubular Steel Railing on Precast RCC Posts, 1.2 m High Above Ground Level													
			Providing, fencing and erecting 50 mm dia painted steel pipe railing in 3 rows on precast M20 grade RCC vertical posts 1.8 metres high (1.2 m above GL) with 3 holes 50 mm dia for pipe, fixed 2 metres centre to, complete as per approved drawing	Metre	9146.30	8915.70	8742.20	8931.40	8735.30	8574.70	8944.60	8717.30	8547.10	8729.70	8537.00	8379.70
B 8.22			Reinforced Cement Concrete Crash Barrier													
	A		Provision of an Reinforced Cement Concrete crash barrier at the edges of the road, approaches to bridge structures and medians, constructed with RCC with HYSD reinforcement conforming to MoRTH specification and as per details given in IRC-5 (fig 5, b) including dowel bars 25mm dia, 450 mm long at expansion joints filled with pre-moulded asphalt filler board etc, as per approved drawing and at locations directed by the Engineer, all as specified. Area-0.243 sqm/meter, Single face)													
	(i)	MF	M 25 grade concrete	Metre	2685.40	2623.10	2573.70	2622.50	2568.30	2522.10	2640.30	2578.70	2530.10	2577.40	2523.90	2478.50
	(ii)	MF	M 30 grade concrete	Metre	2685.40	2623.10	2573.70	2622.50	2568.30	2522.10	2640.30	2578.70	2530.10	2577.40	2523.90	2478.50
	B		Provision of an Reinforced Cement Concrete new jersey crash barrier at the medians, constructed with RCC with HYSD reinforcement conforming to MoRTH specification and as per details given in IRC-119 (fig 26) including dowel bars 25mm dia, 450 mm long at expansion joints filled with pre-moulded asphalt filler board etc, as per approved drawing and at locations directed by the Engineer, all as specified. Area-0.261 sqm/meter, Double face)													
	(i)	MF	M 25 grade concrete	Metre	5046.90	4964.20	4881.40	4981.60	4899.90	4818.30	4946.10	4865.00	4783.90	4880.80	4800.80	4720.70
	(ii)	MF	M 30 grade concrete	Metre	5068.80	4985.70	4902.60	5003.50	4921.50	4839.50	4967.50	4886.00	4804.60	4902.20	4821.80	4741.40
B 8.23			Metal Beam Crash Barrier													
	A		Type - A, "W" : Metal Beam Crash Barrier													
		MF	Providing and erecting a "W" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 70 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 1.8 m high, 1.1 m below ground/road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm, 330 mm long complete as per clause 811	Metre	5073.10	4989.90	4906.80	4982.40	4900.70	4819.00	5012.50	4930.40	4848.20	4921.80	4841.10	4760.40

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.21			Tubular Steel Railing on Precast RCC Posts, 1.2 m High Above Ground Level													
			Providing, fencing and erecting 50 mm dia painted steel pipe railing in 3 rows on precast M20 grade RCC vertical posts 1.8 metres high (1.2 m above GL) with 3 holes 50 mm dia for pipe, fixed 2 metres centre to, complete as per approved drawing	Metre	7599.60	7394.30	7246.10	7384.60	7214.00	7078.70	9438.00	9202.60	9024.30	9223.10	9022.30	8856.90
B 8.22			Reinforced Cement Concrete Crash Barrier													
	A		Provision of an Reinforced Cement Concrete crash barrier at the edges of the road, approaches to bridge structures and medians, constructed with RCC with HYSD reinforcement conforming to MoRTH specification and as per details given in IRC-5 (fig 5, b) including dowel bars 25mm dia, 450 mm long at expansion joints filled with pre-moulded asphalt filler board etc, as per approved drawing and at locations directed by the Engineer, all as specified. Area-0.243 sqm/meter, Single face)													
	(i)	MF	M 25 grade concrete	Metre	2325.50	2269.10	2225.60	2262.70	2214.30	2174.00	2760.00	2696.40	2645.80	2697.10	2641.60	2594.20
	(ii)	MF	M 30 grade concrete	Metre	2325.50	2269.10	2225.60	2262.70	2214.30	2174.00	2760.00	2696.40	2645.80	2697.10	2641.60	2594.20
	B		Provision of an Reinforced Cement Concrete new jersey crash barrier at the medians, constructed with RCC with HYSD reinforcement conforming to MoRTH specification and as per details given in IRC-119 (fig 26) including dowel bars 25mm dia, 450 mm long at expansion joints filled with pre-moulded asphalt filler board etc, as per approved drawing and at locations directed by the Engineer, all as specified. Area-0.261 sqm/meter, Double face)													
	(i)	MF	M 25 grade concrete	Metre	4241.50	4171.90	4102.40	4176.10	4107.70	4039.20	5214.20	5128.70	5043.20	5148.90	5064.50	4980.10
	(ii)	MF	M 30 grade concrete	Metre	4259.50	4189.60	4119.80	4194.20	4125.40	4056.70	5236.80	5150.90	5065.10	5171.50	5086.70	5001.90
B 8.23			Metal Beam Crash Barrier													
	A		Type - A, "W" : Metal Beam Crash Barrier													
		MF	Providing and erecting a "W" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 70 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 1.8 m high, 1.1 m below ground/road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm, 330 mm long complete as per clause 811	Metre	4687.50	4610.60	4533.80	4596.80	4521.40	4446.10	5108.00	5024.30	4940.60	5017.30	4935.10	4852.80

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.21			Tubular Steel Railing on Precast RCC Posts, 1.2 m High Above Ground Level													
			Providing, fencing and erecting 50 mm dia painted steel pipe railing in 3 rows on precast M20 grade RCC vertical posts 1.8 metres high (1.2 m above GL) with 3 holes 50 mm dia for pipe, fixed 2 metres centre to, complete as per approved drawing	Metre	7947.40	7736.40	7582.60	7732.50	7556.10	7415.10	8327.90	8110.70	7950.60	8113.00	7930.40	7783.20
B 8.22			Reinforced Cement Concrete Crash Barrier													
	A		Provision of an Reinforced Cement Concrete crash barrier at the edges of the road, approaches to bridge structures and medians, constructed with RCC with HYSD reinforcement conforming to MoRTH specification and as per details given in IRC-5 (fig 5, b) including dowel bars 25mm dia, 450 mm long at expansion joints filled with pre-moulded asphalt filler board etc, as per approved drawing and at locations directed by the Engineer, all as specified. Area-0.243 sqm/meter, Single face)													
	(i)	MF	M 25 grade concrete	Metre	2414.90	2357.10	2312.10	2352.10	2302.30	2260.50	2490.80	2431.60	2385.40	2427.90	2376.80	2333.80
	(ii)	MF	M 30 grade concrete	Metre	2414.90	2357.10	2312.10	2352.10	2302.30	2260.50	2490.80	2431.60	2385.40	2427.90	2376.80	2333.80
	B		Provision of an Reinforced Cement Concrete new jersey crash barrier at the medians, constructed with RCC with HYSD reinforcement conforming to MoRTH specification and as per details given in IRC-119 (fig 26) including dowel bars 25mm dia, 450 mm long at expansion joints filled with pre-moulded asphalt filler board etc, as per approved drawing and at locations directed by the Engineer, all as specified. Area-0.261 sqm/meter, Double face)													
	(i)	MF	M 25 grade concrete	Metre	4442.20	4369.40	4296.50	4376.90	4305.10	4233.40	4610.90	4535.30	4459.70	4545.60	4471.10	4396.60
	(ii)	MF	M 30 grade concrete	Metre	4461.00	4387.90	4314.70	4395.70	4323.60	4251.60	4630.80	4554.90	4479.00	4565.50	4490.70	4415.80
B 8.23			Metal Beam Crash Barrier													
	A		Type - A, "W" : Metal Beam Crash Barrier													
		MF	Providing and erecting a "W" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 70 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 1.8 m high, 1.1 m below ground/road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm, 330 mm long complete as per clause 811	Metre	4726.10	4648.60	4571.10	4635.40	4559.40	4483.40	4893.10	4812.90	4732.70	4802.40	4723.70	4645.00

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.21			Tubular Steel Railing on Precast RCC Posts, 1.2 m High Above Ground Level													
			Providing, fencing and erecting 50 mm dia painted steel pipe railing in 3 rows on precast M20 grade RCC vertical posts 1.8 metres high (1.2 m above GL) with 3 holes 50 mm dia for pipe, fixed 2 metres centre to, complete as per approved drawing	Metre	11064.40	10802.30	10597.30	10849.40	10622.00	10429.90	10155.90	9908.70	9718.70	9941.00	9728.40	9551.20
B 8.22			Reinforced Cement Concrete Crash Barrier													
	A		Provision of an Reinforced Cement Concrete crash barrier at the edges of the road, approaches to bridge structures and medians, constructed with RCC with HYSD reinforcement conforming to MoRTH specification and as per details given in IRC-5 (fig 5, b) including dowel bars 25mm dia, 450 mm long at expansion joints filled with pre-moulded asphalt filler board etc, as per approved drawing and at locations directed by the Engineer, all as specified. Area-0.243 sqm/meter, Single face)													
	(i)	MF	M 25 grade concrete	Metre	3163.20	3093.10	3035.90	3100.40	3038.30	2984.20	2939.10	2872.70	2819.10	2876.30	2817.80	2767.50
	(ii)	MF	M 30 grade concrete	Metre	3163.20	3093.10	3035.90	3100.40	3038.30	2984.20	2939.10	2872.70	2819.10	2876.30	2817.80	2767.50
	B		Provision of an Reinforced Cement Concrete new jersey crash barrier at the medians, constructed with RCC with HYSD reinforcement conforming to MoRTH specification and as per details given in IRC-119 (fig 26) including dowel bars 25mm dia, 450 mm long at expansion joints filled with pre-moulded asphalt filler board etc, as per approved drawing and at locations directed by the Engineer, all as specified. Area-0.261 sqm/meter, Double face)													
	(i)	MF	M 25 grade concrete	Metre	6118.50	6018.20	5917.90	6053.20	5953.90	5854.70	5616.00	5524.00	5431.90	5550.70	5459.70	5368.70
	(ii)	MF	M 30 grade concrete	Metre	6144.90	6044.20	5943.50	6079.60	5980.00	5880.30	5640.30	5547.80	5455.40	5575.00	5483.60	5392.20
B 8.23			Metal Beam Crash Barrier													
	A		Type - A, "W" : Metal Beam Crash Barrier													
		MF	Providing and erecting a "W" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 70 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 1.8 m high, 1.1 m below ground/road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm, 330 mm long complete as per clause 811	Metre	5372.60	5284.50	5196.40	5281.90	5195.30	5108.70	5218.30	5132.70	5047.20	5127.60	5043.50	4959.40

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.23	B		Type - B, "THRIE" : Metal Beam Crash Barrier													
		MF	Providing and erecting a "Thrie" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 85 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 2 m high with 1.15 m below ground level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a space of channel section 150 x 75 x 5 mm, 546 mm long complete as per clause 811	Metre	5878.10	5781.80	5685.40	5787.40	5692.50	5597.70	5671.60	5578.60	5485.70	5580.90	5489.40	5397.90
B 8.24			Road Traffic Signals electrically operated													
	Note		Since it is a ready made item commercially produced and erected by specialised firm in the electrical and electronic field, rate may be taken based on market enquiry from firms specialised in this field and ISI certified for the approved design and drawing.													
B 8.25			Flexible Crash Barrier, Wire Rope Safety Barrier													
			Providing and erecting a wire rope safety barrier with vertical posts of medium weight RS Joist (ISMB series) 100 mm x 75 mm (11.50 kg/m), 1.50 m long 0.85 m above ground and 0.65 m below ground level, split at the bottom for better grip, embedded in M 15 grade cement concrete 450 x 450 x 450 mm, 1.50 m center to center and with 4 horizontal steel wire rope 40 mm dia and anchored at terminal posts 15 m apart. Terminal post to be embedded in M 15 grade cement concrete foundation 2400 x 450 x 900 mm (depth), strengthened by a strut of RS joist 100 x 75 mm, 2 m long at 450 inclination and a tie 100 x 8 mm, 1.50 m long at the bottom, all embedded in foundation concrete as per approved design and drawing, rate excluding excavation and cement concrete.	Metre	3639.80	3580.20	3520.50	3558.90	3500.60	3442.20	3566.10	3507.60	3449.20	3485.10	3428.00	3370.90
8.26			Anti-Glare Devices in Median													
	A		Plantation													
			Plantation of shrubs and plants of approved species in the median. apart from cutting off glare from vehicle coming from opposite direction, these plants provide a pleasant enviroinment and are eco-friendly. The rate for this item is available in the chapter 11 on horticulture.													

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.23	B		Type - B, "THRIE" : Metal Beam Crash Barrier													
		MF	Providing and erecting a "Thrie" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 85 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 2 m high with 1.15 m below ground level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a space of channel section 150 x 75 x 5 mm, 546 mm long complete as per clause 811	Metre	5878.10	5781.80	5685.40	5787.40	5692.50	5597.70	6121.60	6021.20	5920.90	6030.80	5932.00	5833.10
B 8.24			Road Traffic Signals electrically operated													
	Note		Since it is a ready made item commercially produced and erected by specialised firm in the electrical and electronic field, rate may be taken based on market enquiry from firms specialised in this field and ISI certified for the approved design and drawing.													
B 8.25			Flexible Crash Barrier, Wire Rope Safety Barrier													
			Providing and erecting a wire rope safety barrier with vertical posts of medium weight RS Joist (ISMB series) 100 mm x 75 mm (11.50 kg/m), 1.50 m long 0.85 m above ground and 0.65 m below ground level, split at the bottom for better grip, embedded in M 15 grade cement concrete 450 x 450 x 450 mm, 1.50 m center to center and with 4 horizontal steel wire rope 40 mm dia and anchored at terminal posts 15 m apart. Terminal post to be embedded in M 15 grade cement concrete foundation 2400 x 450 x 900 mm (depth), strengthened by a strut of RS joist 100 x 75 mm, 2 m long at 450 inclination and a tie 100 x 8 mm, 1.50 m long at the bottom, all embedded in foundation concrete as per approved design and drawing, rate excluding excavation and cement concrete.	Metre	3639.80	3580.20	3520.50	3558.90	3500.60	3442.20	3747.90	3686.40	3625.00	3666.90	3606.80	3546.70
8.26			Anti-Glare Devices in Median													
	A		Plantation													
			Plantation of shrubs and plants of approved species in the median. apart from cutting off glare from vehicle coming from opposite direction, these plants provide a pleasant enviroinment and are eco-friendly. The rate for this item is available in the chapter 11 on horticulture.													

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.23	B		Type - B, "THRIE" : Metal Beam Crash Barrier													
		MF	Providing and erecting a "Thrie" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 85 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 2 m high with 1.15 m below ground level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a space of channel section 150 x 75 x 5 mm, 546 mm long complete as per clause 811	Metre	6509.30	6402.60	6295.90	6418.60	6313.30	6208.10	6419.80	6314.60	6209.30	6329.10	6225.30	6121.60
B 8.24			Road Traffic Signals electrically operated													
	Note		Since it is a ready made item commercially produced and erected by specialised firm in the electrical and electronic field, rate may be taken based on market enquiry from firms specialised in this field and ISI certified for the approved design and drawing.													
B 8.25			Flexible Crash Barrier, Wire Rope Safety Barrier													
			Providing and erecting a wire rope safety barrier with vertical posts of medium weight RS Joist (ISMB series) 100 mm x 75 mm (11.50 kg/m), 1.50 m long 0.85 m above ground and 0.65 m below ground level, split at the bottom for better grip, embedded in M 15 grade cement concrete 450 x 450 x 450 mm, 1.50 m center to center and with 4 horizontal steel wire rope 40 mm dia and anchored at terminal posts 15 m apart. Terminal post to be embedded in M 15 grade cement concrete foundation 2400 x 450 x 900 mm (depth), strengthened by a strut of RS joist 100 x 75 mm, 2 m long at 450 inclination and a tie 100 x 8 mm, 1.50 m long at the bottom, all embedded in foundation concrete as per approved design and drawing, rate excluding excavation and cement concrete.	Metre	3888.70	3825.00	3761.20	3807.80	3745.40	3683.00	3856.20	3793.00	3729.80	3775.30	3713.40	3651.50
8.26			Anti-Glare Devices in Median													
	A		Plantation													
			Plantation of shrubs and plants of approved species in the median. apart from cutting off glare from vehicle coming from opposite direction, these plants provide a pleasant enviroinment and are eco-friendly. The rate for this item is available in the chapter 11 on horticulture.													

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.23	B		Type - B, "THRIE" : Metal Beam Crash Barrier													
		MF	Providing and erecting a "Thrie" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 85 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 2 m high with 1.15 m below ground level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a space of channel section 150 x 75 x 5 mm, 546 mm long complete as per clause 811	Metre	5948.10	5850.60	5753.10	5857.40	5761.40	5665.40	6555.30	6447.80	6340.40	6464.60	6358.60	6252.60
B 8.24			Road Traffic Signals electrically operated													
	Note		Since it is a ready made item commercially produced and erected by specialised firm in the electrical and electronic field, rate may be taken based on market enquiry from firms specialised in this field and ISI certified for the approved design and drawing.													
B 8.25			Flexible Crash Barrier, Wire Rope Safety Barrier													
			Providing and erecting a wire rope safety barrier with vertical posts of medium weight RS Joist (ISMB series) 100 mm x 75 mm (11.50 kg/m), 1.50 m long 0.85 m above ground and 0.65 m below ground level, split at the bottom for better grip, embedded in M 15 grade cement concrete 450 x 450 x 450 mm, 1.50 m center to center and with 4 horizontal steel wire rope 40 mm dia and anchored at terminal posts 15 m apart. Terminal post to be embedded in M 15 grade cement concrete foundation 2400 x 450 x 900 mm (depth), strengthened by a strut of RS joist 100 x 75 mm, 2 m long at 450 inclination and a tie 100 x 8 mm, 1.50 m long at the bottom, all embedded in foundation concrete as per approved design and drawing, rate excluding excavation and cement concrete.	Metre	3671.10	3610.90	3550.80	3590.20	3531.30	3472.50	3914.60	3850.40	3786.30	3833.70	3770.80	3708.00
8.26			Anti-Glare Devices in Median													
	A		Plantation													
			Plantation of shrubs and plants of approved species in the median. apart from cutting off glare from vehicle coming from opposite direction, these plants provide a pleasant enviroinment and are eco-friendly. The rate for this item is available in the chapter 11 on horticulture.													

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.23	B		Type - B, "THRIE" : Metal Beam Crash Barrier													
		MF	Providing and erecting a "Thrie" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 85 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 2 m high with 1.15 m below ground level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a space of channel section 150 x 75 x 5 mm, 546 mm long complete as per clause 811	Metre	5998.20	5899.90	5801.50	5907.50	5810.60	5713.80	6250.40	6148.00	6045.50	6159.70	6058.70	5957.80
B 8.24			Road Traffic Signals electrically operated													
	Note		Since it is a ready made item commercially produced and erected by specialised firm in the electrical and electronic field, rate may be taken based on market enquiry from firms specialised in this field and ISI certified for the approved design and drawing.													
B 8.25			Flexible Crash Barrier, Wire Rope Safety Barrier													
			Providing and erecting a wire rope safety barrier with vertical posts of medium weight RS Joist (ISMB series) 100 mm x 75 mm (11.50 kg/m), 1.50 m long 0.85 m above ground and 0.65 m below ground level, split at the bottom for better grip, embedded in M 15 grade cement concrete 450 x 450 x 450 mm, 1.50 m center to center and with 4 horizontal steel wire rope 40 mm dia and anchored at terminal posts 15 m apart. Terminal post to be embedded in M 15 grade cement concrete foundation 2400 x 450 x 900 mm (depth), strengthened by a strut of RS joist 100 x 75 mm, 2 m long at 450 inclination and a tie 100 x 8 mm, 1.50 m long at the bottom, all embedded in foundation concrete as per approved design and drawing, rate excluding excavation and cement concrete.	Metre	3700.80	3640.10	3579.40	3619.80	3560.50	3501.10	3783.30	3721.20	3659.20	3702.30	3641.60	3580.90
8.26			Anti-Glare Devices in Median													
	A		Plantation													
			Plantation of shrubs and plants of approved species in the median. apart from cutting off glare from vehicle coming from opposite direction, these plants provide a pleasant enviroinment and are eco-friendly. The rate for this item is available in the chapter 11 on horticulture.													

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.23	B		Type - B, "THRIE" : Metal Beam Crash Barrier													
		MF	Providing and erecting a "Thrie" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 85 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 2 m high with 1.15 m below ground level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a space of channel section 150 x 75 x 5 mm, 546 mm long complete as per clause 811	Metre	6922.40	6808.90	6695.40	6831.70	6719.70	6607.70	6707.00	6597.00	6487.10	6616.30	6507.80	6399.30
B 8.24			Road Traffic Signals electrically operated													
	Note		Since it is a ready made item commercially produced and erected by specialised firm in the electrical and electronic field, rate may be taken based on market enquiry from firms specialised in this field and ISI certified for the approved design and drawing.													
B 8.25			Flexible Crash Barrier, Wire Rope Safety Barrier													
			Providing and erecting a wire rope safety barrier with vertical posts of medium weight RS Joist (ISMB series) 100 mm x 75 mm (11.50 kg/m), 1.50 m long 0.85 m above ground and 0.65 m below ground level, split at the bottom for better grip, embedded in M 15 grade cement concrete 450 x 450 x 450 mm, 1.50 m center to center and with 4 horizontal steel wire rope 40 mm dia and anchored at terminal posts 15 m apart. Terminal post to be embedded in M 15 grade cement concrete foundation 2400 x 450 x 900 mm (depth), strengthened by a strut of RS joist 100 x 75 mm, 2 m long at 450 inclination and a tie 100 x 8 mm, 1.50 m long at the bottom, all embedded in foundation concrete as per approved design and drawing, rate excluding excavation and cement concrete.	Metre	4086.90	4019.90	3952.90	4005.90	3940.30	3874.60	3988.00	3922.60	3857.30	3907.10	3843.00	3779.00
8.26			Anti-Glare Devices in Median													
	A		Plantation													
			Plantation of shrubs and plants of approved species in the median. apart from cutting off glare from vehicle coming from opposite direction, these plants provide a pleasant enviroinment and are eco-friendly. The rate for this item is available in the chapter 11 on horticulture.													

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.26	B		Anti-glare screen with 25 mm steel pipe framework fixed with circular and rectangular vans													
			Providing and erecting an anti - glare screen with 25 mm dia vertical pipes fabricated and framed in the form of panels of one metre length and 1.75 metre height fixed with circular vane 250 mm dia at top and rectangular vane 600 x 300 mm at the middle, made out of steel sheet of 3 mm thickness, end vertical pipes of the panel made larger for embedding in foundation concrete, applying 2 coats of paint on all exposed surfaces, all as per approved design and drawings.	Metre	4957.20	4876.00	4794.70	4889.20	4809.10	4728.90	4697.00	4620.00	4543.00	4629.00	4553.10	4477.20
B 8.26	C		Anti-glare screen with rectangular vane of MS sheet													
			Providing and erecting anti - glare screen with rectangular vanes of size 750 x 500 mm made from MS sheet, 3 mm thick and fixed on MS angle 50 x 50 x 6 mm at an angle of 450 to the direction of flow of traffic, 1.5 m center to center, top edge of the screen 1.75 m above ground level, vertical post firmly embedded in M-15 cement concrete foundation 0.60 m below ground level, applying 2 coats of paint on exposed faces, all complete as per approved design and drawings	Metre	1325.20	1303.40	1281.70	1296.00	1274.80	1253.50	1312.30	1290.80	1269.30	1283.20	1262.20	1241.10
B 8.27			Street Lighting													
			Providing and erecting street light mounted on a steel circular hollow pole of standard specifications for street lighting, 9 m high spaced 40 m apart, 1.8 m overhang on both sides if fixed in the median and on one side if fixed on the footpath, fitted with sodium vapour lamp and fixed firmly in concrete foundation.													
	(i)		For Fixing in Median	Each	123122.30	121684.40	119656.30	122788.90	121254.50	119233.60	115155.20	113836.80	111939.50	114821.90	113406.90	111516.80
	(ii)		For fixing in Footpath	Each	122979.50	120963.40	118947.40	122671.20	120660.20	118649.20	115015.20	113129.70	111244.20	114706.90	112826.50	110946.10
B 8.28			Lighting on Bridges													
			Providing and fixing lighting on bridges, mounted on steel hollow circular poles of standard specifications, 5 m high fixed on parapets with cement concrete, 20 m apart and fitted with sodium vapour lamp	Each	122576.20	120566.70	118557.30	122348.20	120342.50	118336.80	114616.50	112737.50	110858.50	114388.50	112513.30	110638.10

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.26	B		Anti-glare screen with 25 mm steel pipe framework fixed with circular and rectangular vans													
			Providing and erecting an anti - glare screen with 25 mm dia vertical pipes fabricated and framed in the form of panels of one metre length and 1.75 metre height fixed with circular vane 250 mm dia at top and rectangular vane 600 x 300 mm at the middle, made out of steel sheet of 3 mm thickness, end vertical pipes of the panel made larger for embedding in foundation concrete, applying 2 coats of paint on all exposed surfaces, all as per approved design and drawings.	Metre	4957.20	4876.00	4794.70	4889.20	4809.10	4728.90	5228.50	5142.80	5057.10	5160.50	5075.90	4991.30
B 8.26	C		Anti-glare screen with rectangular vane of MS sheet													
			Providing and erecting anti - glare screen with rectangular vanes of size 750 x 500 mm made from MS sheet, 3 mm thick and fixed on MS angle 50 x 50 x 6 mm at an angle of 450 to the direction of flow of traffic, 1.5 m center to center, top edge of the screen 1.75 m above ground level, vertical post firmly embedded in M-15 cement concrete foundation 0.60 m below ground level, applying 2 coats of paint on exposed faces, all complete as per approved design and drawings	Metre	1325.20	1303.40	1281.70	1296.00	1274.80	1253.50	1353.80	1331.60	1309.40	1324.70	1303.00	1281.20
B 8.27			Street Lighting													
			Providing and erecting street light mounted on a steel circular hollow pole of standard specifications for street lighting, 9 m high spaced 40 m apart, 1.8 m overhang on both sides if fixed in the median and on one side if fixed on the footpath, fitted with sodium vapour lamp and fixed firmly in concrete foundation.													
	(i)		For Fixing in Median	Each	123122.30	121684.40	119656.30	122788.90	121254.50	119233.60	131089.30	129531.90	127373.10	130755.90	129102.10	126950.40
	(ii)		For fixing in Footpath	Each	122979.50	120963.40	118947.40	122671.20	120660.20	118649.20	130943.80	128797.20	126650.50	130635.50	128493.90	126352.40
B 8.28			Lighting on Bridges													
			Providing and fixing lighting on bridges, mounted on steel hollow circular poles of standard specifications, 5 m high fixed on parapets with cement concrete, 20 m apart and fitted with sodium vapour lamp	Each	122576.20	120566.70	118557.30	122348.20	120342.50	118336.80	130535.90	128395.90	126256.00	130307.90	128171.80	126035.60

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.26	B		Anti-glare screen with 25 mm steel pipe framework fixed with circular and rectangular vans													
			Providing and erecting an anti - glare screen with 25 mm dia vertical pipes fabricated and framed in the form of panels of one metre length and 1.75 metre height fixed with circular vane 250 mm dia at top and rectangular vane 600 x 300 mm at the middle, made out of steel sheet of 3 mm thickness, end vertical pipes of the panel made larger for embedding in foundation concrete, applying 2 coats of paint on all exposed surfaces, all as per approved design and drawings.	Metre	5713.10	5619.50	5525.80	5645.10	5552.60	5460.00	5601.30	5509.50	5417.60	5533.30	5442.60	5351.90
B 8.26	C		Anti-glare screen with rectangular vane of MS sheet													
			Providing and erecting anti - glare screen with rectangular vanes of size 750 x 500 mm made from MS sheet, 3 mm thick and fixed on MS angle 50 x 50 x 6 mm at an angle of 450 to the direction of flow of traffic, 1.5 m center to center, top edge of the screen 1.75 m above ground level, vertical post firmly embedded in M-15 cement concrete foundation 0.60 m below ground level, applying 2 coats of paint on exposed faces, all complete as per approved design and drawings	Metre	1379.40	1356.80	1334.20	1350.30	1328.20	1306.00	1373.50	1351.00	1328.50	1344.40	1322.40	1300.30
B 8.27			Street Lighting													
			Providing and erecting street light mounted on a steel circular hollow pole of standard specifications for street lighting, 9 m high spaced 40 m apart, 1.8 m overhang on both sides if fixed in the median and on one side if fixed on the footpath, fitted with sodium vapour lamp and fixed firmly in concrete foundation.													
	(i)		For Fixing in Median	Each	145885.20	144106.00	141704.30	145551.80	143676.20	141281.60	142470.80	140742.80	138397.10	142137.40	140312.90	137974.40
	(ii)		For fixing in Footpath	Each	145734.60	143345.50	140956.40	145426.30	143042.30	140658.20	142321.30	139988.20	137655.10	142013.10	139685.00	137356.90
B 8.28			Lighting on Bridges													
			Providing and fixing lighting on bridges, mounted on steel hollow circular poles of standard specifications, 5 m high fixed on parapets with cement concrete, 20 m apart and fitted with sodium vapour lamp	Each	145318.20	142935.90	140553.60	145090.30	142711.70	140333.20	141906.90	139580.50	137254.20	141679.00	139356.30	137033.70

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.26	B		Anti-glare screen with 25 mm steel pipe framework fixed with circular and rectangular vans													
			Providing and erecting an anti - glare screen with 25 mm dia vertical pipes fabricated and framed in the form of panels of one metre length and 1.75 metre height fixed with circular vane 250 mm dia at top and rectangular vane 600 x 300 mm at the middle, made out of steel sheet of 3 mm thickness, end vertical pipes of the panel made larger for embedding in foundation concrete, applying 2 coats of paint on all exposed surfaces, all as per approved design and drawings.	Metre	5034.90	4952.30	4869.80	4966.90	4885.50	4804.00	5755.20	5660.90	5566.50	5687.20	5594.00	5500.80
B 8.26	C		Anti-glare screen with rectangular vane of MS sheet													
			Providing and erecting anti - glare screen with rectangular vanes of size 750 x 500 mm made from MS sheet, 3 mm thick and fixed on MS angle 50 x 50 x 6 mm at an angle of 450 to the direction of flow of traffic, 1.5 m center to center, top edge of the screen 1.75 m above ground level, vertical post firmly embedded in M-15 cement concrete foundation 0.60 m below ground level, applying 2 coats of paint on exposed faces, all complete as per approved design and drawings	Metre	1333.50	1311.70	1289.80	1304.40	1283.00	1261.70	1388.30	1365.60	1342.80	1359.20	1336.90	1314.60
B 8.27			Street Lighting													
			Providing and erecting street light mounted on a steel circular hollow pole of standard specifications for street lighting, 9 m high spaced 40 m apart, 1.8 m overhang on both sides if fixed in the median and on one side if fixed on the footpath, fitted with sodium vapour lamp and fixed firmly in concrete foundation.													
	(i)		For Fixing in Median	Each	125398.60	123926.50	121861.10	125065.20	123496.70	121438.40	147023.30	145227.10	142806.70	146690.00	144797.30	142384.00
	(ii)		For fixing in Footpath	Each	125255.00	123201.70	121148.30	124946.70	122898.40	120850.10	146872.40	144464.60	142056.90	146564.10	144161.40	141758.70
B 8.28			Lighting on Bridges													
			Providing and fixing lighting on bridges, mounted on steel hollow circular poles of standard specifications, 5 m high fixed on parapets with cement concrete, 20 m apart and fitted with sodium vapour lamp	Each	124850.40	122803.60	120756.90	124622.40	122579.50	120536.50	146455.30	144054.40	141653.40	146227.40	143830.20	141433.00

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.26	B		Anti-glare screen with 25 mm steel pipe framework fixed with circular and rectangular vans													
			Providing and erecting an anti - glare screen with 25 mm dia vertical pipes fabricated and framed in the form of panels of one metre length and 1.75 metre height fixed with circular vane 250 mm dia at top and rectangular vane 600 x 300 mm at the middle, made out of steel sheet of 3 mm thickness, end vertical pipes of the panel made larger for embedding in foundation concrete, applying 2 coats of paint on all exposed surfaces, all as per approved design and drawings.	Metre	5078.20	4995.00	4911.70	5010.20	4928.10	4846.00	5408.80	5320.20	5231.50	5340.90	5253.30	5165.80
B 8.26	C		Anti-glare screen with rectangular vane of MS sheet													
			Providing and erecting anti - glare screen with rectangular vanes of size 750 x 500 mm made from MS sheet, 3 mm thick and fixed on MS angle 50 x 50 x 6 mm at an angle of 450 to the direction of flow of traffic, 1.5 m center to center, top edge of the screen 1.75 m above ground level, vertical post firmly embedded in M-15 cement concrete foundation 0.60 m below ground level, applying 2 coats of paint on exposed faces, all complete as per approved design and drawings	Metre	1344.20	1322.10	1300.10	1315.10	1293.50	1271.90	1355.00	1332.80	1310.60	1325.90	1304.10	1282.40
B 8.27			Street Lighting													
			Providing and erecting street light mounted on a steel circular hollow pole of standard specifications for street lighting, 9 m high spaced 40 m apart, 1.8 m overhang on both sides if fixed in the median and on one side if fixed on the footpath, fitted with sodium vapour lamp and fixed firmly in concrete foundation.													
	(i)		For Fixing in Median	Each	126536.70	125047.60	122963.50	126203.40	124617.80	122540.80	136780.00	135137.40	132885.10	136446.70	134707.50	132462.40
	(ii)		For fixing in Footpath	Each	126392.80	124320.80	122248.70	126084.50	124017.50	121950.60	136632.60	134392.70	132152.80	136324.30	134089.50	131854.60
B 8.28			Lighting on Bridges													
			Providing and fixing lighting on bridges, mounted on steel hollow circular poles of standard specifications, 5 m high fixed on parapets with cement concrete, 20 m apart and fitted with sodium vapour lamp	Each	125987.50	123922.10	121856.70	125759.50	123697.90	121636.30	136221.40	133988.20	131755.10	135993.50	133764.10	131534.60

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.26	B		Anti-glare screen with 25 mm steel pipe framework fixed with circular and rectangular vans													
			Providing and erecting an anti - glare screen with 25 mm dia vertical pipes fabricated and framed in the form of panels of one metre length and 1.75 metre height fixed with circular vane 250 mm dia at top and rectangular vane 600 x 300 mm at the middle, made out of steel sheet of 3 mm thickness, end vertical pipes of the panel made larger for embedding in foundation concrete, applying 2 coats of paint on all exposed surfaces, all as per approved design and drawings.	Metre	6148.60	6047.80	5947.00	6080.60	5980.90	5881.20	5914.00	5817.10	5720.10	5846.00	5750.20	5654.40
B 8.26	C		Anti-glare screen with rectangular vane of MS sheet													
			Providing and erecting anti - glare screen with rectangular vanes of size 750 x 500 mm made from MS sheet, 3 mm thick and fixed on MS angle 50 x 50 x 6 mm at an angle of 450 to the direction of flow of traffic, 1.5 m center to center, top edge of the screen 1.75 m above ground level, vertical post firmly embedded in M-15 cement concrete foundation 0.60 m below ground level, applying 2 coats of paint on exposed faces, all complete as per approved design and drawings	Metre	1437.50	1413.90	1390.40	1408.40	1385.30	1362.20	1410.10	1387.00	1363.80	1381.00	1358.30	1335.70
B 8.27			Street Lighting													
			Providing and erecting street light mounted on a steel circular hollow pole of standard specifications for street lighting, 9 m high spaced 40 m apart, 1.8 m overhang on both sides if fixed in the median and on one side if fixed on the footpath, fitted with sodium vapour lamp and fixed firmly in concrete foundation.													
	(i)		For Fixing in Median	Each	158404.80	156437.90	153830.60	158071.50	156008.10	153407.90	151575.90	149711.40	147216.20	151242.60	149281.60	146793.60
	(ii)		For fixing in Footpath	Each	158249.90	155655.60	153061.40	157941.60	155352.40	152763.20	151423.40	148941.00	146458.70	151115.10	148637.80	146160.50
B 8.28			Lighting on Bridges													
			Providing and fixing lighting on bridges, mounted on steel hollow circular poles of standard specifications, 5 m high fixed on parapets with cement concrete, 20 m apart and fitted with sodium vapour lamp	Each	157826.30	155238.90	152651.60	157598.40	155014.80	152431.20	151003.70	148528.20	146052.70	150775.80	148304.00	145832.30

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.29			Cable Duct Across the Road													
			Providing and laying of a reinforced cement concrete pipe duct, 300 mm dia, across the road (new construction), extending from drain to drain in cuts and toe of slope to toe of slope in fills, constructing head walls at both ends, providing a minimum fill of granular material over top and sides of RCC pipe as per IRC:98-1997, bedded on a 0.3 m thick layer of granular material free of rock pieces, outer to outer distance of pipe at least half dia of pipe subject to minimum 450 mm in case of double and triple row ducts, joints to be made leak proof, invert level of duct to be above higher than ground level to prevent entry of water and dirt, all as per IRC: 98 - 1997 and approved drawings.													
	(i)		Single row for one utility service	Metre	9219.10	9068.00	8916.90	9262.70	9110.80	8959.00	8661.20	8519.20	8377.30	8704.80	8562.10	8419.40
	(ii)		Double row for two utility services	Metre	17897.00	17603.60	17310.20	17952.40	17658.10	17363.80	16805.70	16530.20	16254.70	16861.20	16584.80	16308.30
	(iii)		Triple Row for three utility services	Metre	26625.30	26188.80	25752.40	26682.90	26245.50	25808.10	25000.70	24590.90	24181.00	25058.30	24647.50	24236.70
B 8.30			Highway Patrolling and Traffic Aid Post													
			It is proposed to locate one Traffic Aid Post every 50-60 km of the highway.													
			The organisation and financial aspect are required to be finalised in consultation with administrative and traffic authorities .													
B 8.31			Items Related to Underpass/ Subway/ Overhead Bridge/ Overhead Foot Bridge													
			The items involved for underpass/ subway/ overhead bridge/ overhead foot bridge are earthwork, plain cement concrete, plastering, painting, information sign etc. The rates for these items are available in respective chapters which can be adopted for the quantities derived from the approved designs and drawings													
B 8.32			Traffic Control System and Communication System													
			Providing a traffic control centre and communication system including telecommunication facilities and related accessories, CCTV, radar, vehicle detection camera, central computer system													
			These are specialised item of telecommunication system and are the commercial products. The designer is required to contact the manufacturers to ascertain market prices. In case of civil works required to be executed for these installations, pricing may be done as per rates in relevant chapters for quantities derived as per approved design and drawing.													
			As regards the locations where such devices are required to be installed, the traffic control authority should be consulted to finalise the location													

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.29			Cable Duct Across the Road													
			Providing and laying of a reinforced cement concrete pipe duct, 300 mm dia, across the road (new construction), extending from drain to drain in cuts and toe of slope to toe of slope in fills, constructing head walls at both ends, providing a minimum fill of granular material over top and sides of RCC pipe as per IRC:98-1997, bedded on a 0.3 m thick layer of granular material free of rock pieces, outer to outer distance of pipe at least half dia of pipe subject to minimum 450 mm in case of double and triple row ducts, joints to be made leak proof, invert level of duct to be above higher than ground level to prevent entry of water and dirt, all as per IRC: 98 - 1997 and approved drawings.													
	(i)		Single row for one utility service	Metre	9219.10	9068.00	8916.90	9262.70	9110.80	8959.00	9869.00	9707.20	9545.40	9912.60	9750.10	9587.60
	(ii)		Double row for two utility services	Metre	17897.00	17603.60	17310.20	17952.40	17658.10	17363.80	19120.70	18807.20	18493.80	19176.10	18861.70	18547.40
	(iii)		Triple Row for three utility services	Metre	26625.30	26188.80	25752.40	26682.90	26245.50	25808.10	28422.80	27956.80	27490.90	28480.40	28013.50	27546.60
B 8.30			Highway Patrolling and Traffic Aid Post													
			It is proposed to locate one Traffic Aid Post every 50-60 km of the highway.													
			The organisation and financial aspect are required to be finalised in consultation with administrative and traffic authorities .													
B 8.31			Items Related to Underpass/ Subway/ Overhead Bridge/ Overhead Foot Bridge													
			The items involved for underpass/ subway/ overhead bridge/ overhead foot bridge are earthwork, plain cement concrete, plastering, painting, information sign etc. The rates for these items are available in respective chapters which can be adopted for the quantities derived from the approved designs and drawings													
B 8.32			Traffic Control System and Communication System													
			Providing a traffic control centre and communication system including telecommunication facilities and related accessories, CCTV, radar, vehicle detection camera, central computer system													
			These are specialised item of telecommunication system and are the commercial products. The designer is required to contact the manufacturers to ascertain market prices. In case of civil works required to be executed for these installations, pricing may be done as per rates in relevant chapters for quantities derived as per approved design and drawing.													
			As regards the locations where such devices are required to be installed, the traffic control authority should be consulted to finalise the location													

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.29			Cable Duct Across the Road													
			Providing and laying of a reinforced cement concrete pipe duct, 300 mm dia, across the road (new construction), extending from drain to drain in cuts and toe of slope to toe of slope in fills, constructing head walls at both ends, providing a minimum fill of granular material over top and sides of RCC pipe as per IRC:98-1997, bedded on a 0.3 m thick layer of granular material free of rock pieces, outer to outer distance of pipe at least half dia of pipe subject to minimum 450 mm in case of double and triple row ducts, joints to be made leak proof, invert level of duct to be above higher than ground level to prevent entry of water and dirt, all as per IRC: 98 - 1997 and approved drawings.													
	(i)		Single row for one utility service	Metre	10920.20	10741.20	10562.20	10963.80	10784.00	10604.30	10677.60	10502.60	10327.50	10721.20	10545.40	10369.70
	(ii)		Double row for two utility services	Metre	21169.10	20822.00	20475.00	21224.50	20876.60	20528.60	20696.40	20357.10	20017.80	20751.80	20411.60	20071.40
	(iii)		Triple Row for three utility services	Metre	31468.40	30952.50	30436.60	31526.00	31009.20	30492.40	30765.50	30261.20	29756.80	30823.20	30317.90	29812.60
B 8.30			Highway Patrolling and Traffic Aid Post													
			It is proposed to locate one Traffic Aid Post every 50-60 km of the highway.													
			The organisation and financial aspect are required to be finalised in consultation with administrative and traffic authorities .													
B 8.31			Items Related to Underpass/ Subway/ Overhead Bridge/ Overhead Foot Bridge													
			The items involved for underpass/ subway/ overhead bridge/ overhead foot bridge are earthwork, plain cement concrete, plastering, painting, information sign etc. The rates for these items are available in respective chapters which can be adopted for the quantities derived from the approved designs and drawings													
B 8.32			Traffic Control System and Communication System													
			Providing a traffic control centre and communication system including telecommunication facilities and related accessories, CCTV, radar, vehicle detection camera, central computer system													
			These are specialised item of telecommunication system and are the commercial products. The designer is required to contact the manufacturers to ascertain market prices. In case of civil works required to be executed for these installations, pricing may be done as per rates in relevant chapters for quantities derived as per approved design and drawing.													
			As regards the locations where such devices are required to be installed, the traffic control authority should be consulted to finalise the location													

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.29			Cable Duct Across the Road													
			Providing and laying of a reinforced cement concrete pipe duct, 300 mm dia, across the road (new construction), extending from drain to drain in cuts and toe of slope to toe of slope in fills, constructing head walls at both ends, providing a minimum fill of granular material over top and sides of RCC pipe as per IRC:98-1997, bedded on a 0.3 m thick layer of granular material free of rock pieces, outer to outer distance of pipe at least half dia of pipe subject to minimum 450 mm in case of double and triple row ducts, joints to be made leak proof, invert level of duct to be above higher than ground level to prevent entry of water and dirt, all as per IRC: 98 - 1997 and approved drawings.													
	(i)		Single row for one utility service	Metre	9420.00	9265.60	9111.20	9463.60	9308.40	9153.30	11030.90	10850.00	10669.20	11074.40	10892.90	10711.30
	(ii)		Double row for two utility services	Metre	18268.30	17968.80	17669.30	18323.70	18023.30	17723.00	21369.70	21019.30	20669.00	21425.10	21073.90	20722.60
	(iii)		Triple Row for three utility services	Metre	27167.00	26721.70	26276.30	27224.70	26778.30	26332.00	31758.90	31238.20	30717.60	31816.50	31294.90	30773.30
B 8.30			Highway Patrolling and Traffic Aid Post													
			It is proposed to locate one Traffic Aid Post every 50-60 km of the highway.													
			The organisation and financial aspect are required to be finalised in consultation with administrative and traffic authorities .													
B 8.31			Items Related to Underpass/ Subway/ Overhead Bridge/ Overhead Foot Bridge													
			The items involved for underpass/ subway/ overhead bridge/ overhead foot bridge are earthwork, plain cement concrete, plastering, painting, information sign etc. The rates for these items are available in respective chapters which can be adopted for the quantities derived from the approved designs and drawings													
B 8.32			Traffic Control System and Communication System													
			Providing a traffic control centre and communication system including telecommunication facilities and related accessories, CCTV, radar, vehicle detection camera, central computer system													
			These are specialised item of telecommunication system and are the commercial products. The designer is required to contact the manufacturers to ascertain market prices. In case of civil works required to be executed for these installations, pricing may be done as per rates in relevant chapters for quantities derived as per approved design and drawing.													
			As regards the locations where such devices are required to be installed, the traffic control authority should be consulted to finalise the location													

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.29			Cable Duct Across the Road													
			Providing and laying of a reinforced cement concrete pipe duct, 300 mm dia, across the road (new construction), extending from drain to drain in cuts and toe of slope to toe of slope in fills, constructing head walls at both ends, providing a minimum fill of granular material over top and sides of RCC pipe as per IRC:98-1997, bedded on a 0.3 m thick layer of granular material free of rock pieces, outer to outer distance of pipe at least half dia of pipe subject to minimum 450 mm in case of double and triple row ducts, joints to be made leak proof, invert level of duct to be above higher than ground level to prevent entry of water and dirt, all as per IRC: 98 - 1997 and approved drawings.													
	(i)		Single row for one utility service	Metre	9538.10	9381.80	9225.40	9581.70	9424.60	9267.50	10236.10	10068.30	9900.50	10279.60	10111.10	9942.60
	(ii)		Double row for two utility services	Metre	18479.60	18176.70	17873.70	18535.10	18231.20	17927.40	19854.80	19529.30	19203.80	19910.20	19583.80	19257.40
	(iii)		Triple Row for three utility services	Metre	27471.60	27021.20	26570.90	27529.20	27077.90	26626.60	29523.90	29039.90	28555.90	29581.50	29096.60	28611.60
B 8.30			Highway Patrolling and Traffic Aid Post													
			It is proposed to locate one Traffic Aid Post every 50-60 km of the highway.													
			The organisation and financial aspect are required to be finalised in consultation with administrative and traffic authorities .													
B 8.31			Items Related to Underpass/ Subway/ Overhead Bridge/ Overhead Foot Bridge													
			The items involved for underpass/ subway/ overhead bridge/ overhead foot bridge are earthwork, plain cement concrete, plastering, painting, information sign etc. The rates for these items are available in respective chapters which can be adopted for the quantities derived from the approved designs and drawings													
B 8.32			Traffic Control System and Communication System													
			Providing a traffic control centre and communication system including telecommunication facilities and related accessories, CCTV, radar, vehicle detection camera, central computer system													
			These are specialised item of telecommunication system and are the commercial products. The designer is required to contact the manufacturers to ascertain market prices. In case of civil works required to be executed for these installations, pricing may be done as per rates in relevant chapters for quantities derived as per approved design and drawing.													
			As regards the locations where such devices are required to be installed, the traffic control authority should be consulted to finalise the location													

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.29			Cable Duct Across the Road													
			Providing and laying of a reinforced cement concrete pipe duct, 300 mm dia, across the road (new construction), extending from drain to drain in cuts and toe of slope to toe of slope in fills, constructing head walls at both ends, providing a minimum fill of granular material over top and sides of RCC pipe as per IRC:98-1997, bedded on a 0.3 m thick layer of granular material free of rock pieces, outer to outer distance of pipe at least half dia of pipe subject to minimum 450 mm in case of double and triple row ducts, joints to be made leak proof, invert level of duct to be above higher than ground level to prevent entry of water and dirt, all as per IRC: 98 - 1997 and approved drawings.													
	(i)		Single row for one utility service	Metre	11966.10	11770.00	11573.80	12009.70	11812.80	11615.90	11413.90	11226.80	11039.70	11457.50	11269.60	11081.80
	(ii)		Double row for two utility services	Metre	23128.20	22749.00	22369.90	23183.60	22803.50	22423.50	22086.00	21723.90	21361.80	22141.40	21778.40	21415.40
	(iii)		Triple Row for three utility services	Metre	34340.60	33777.70	33214.70	34398.20	33834.30	33270.40	32808.40	32270.60	31732.80	32866.10	32327.30	31788.50
B 8.30			Highway Patrolling and Traffic Aid Post													
			It is proposed to locate one Traffic Aid Post every 50-60 km of the highway.													
			The organisation and financial aspect are required to be finalised in consultation with administrative and traffic authorities .													
B 8.31			Items Related to Underpass/ Subway/ Overhead Bridge/ Overhead Foot Bridge													
			The items involved for underpass/ subway/ overhead bridge/ overhead foot bridge are earthwork, plain cement concrete, plastering, painting, information sign etc. The rates for these items are available in respective chapters which can be adopted for the quantities derived from the approved designs and drawings													
B 8.32			Traffic Control System and Communication System													
			Providing a traffic control centre and communication system including telecommunication facilities and related accessories, CCTV, radar, vehicle detection camera, central computer system													
			These are specialised item of telecommunication system and are the commercial products. The designer is required to contact the manufacturers to ascertain market prices. In case of civil works required to be executed for these installations, pricing may be done as per rates in relevant chapters for quantities derived as per approved design and drawing.													
			As regards the locations where such devices are required to be installed, the traffic control authority should be consulted to finalise the location													

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.33			Gantry Mounted Variable Message Sign Board													
			Providing and erecting gantry mounted variable message sign board electronically operated capable of flashing the desired message over a designed support system of aluminium alloy or galvanised steel, erected as per approved design and drawings and with lateral clearance as per clause 802.3													
	(i)		Gantry Support System	Tonne	141259.90	138944.20	136628.50	140443.40	138141.10	135838.70	132303.50	130134.60	127965.70	131487.00	129331.50	127176.00
	(ii)		Message Display													
			Message display board 6 sqm electronically operated with complete electronic fitments for flashing the pre-determined messages.													
			This is a specilised commercial product and the lumpsum rate including erection at site is required to be as certained from the market and including in the rate analysis. The size of the board will vary depending upon specific location.													
			The rate for the gantry mounted variable sign would be the addition of cost of gantry support system as per approved design determined at (i) above and the cost of message display board as certained from the market at (ii) above													
B 8.34			Traffic Impact Attenuators at Abutments and Piers													
	A		With Scrap Tyres													
			Provision and installation of traffic attenuators at abutment/pier of flyovers bridges using scrap tyres of size 100 x 20 retrieved from trucks laid in 2 rows and 4 tiers, one above the other and tied with 20 mm wire rope as per approved design and drawings.	Sqm	1233.00	1212.80	1192.60	1210.70	1190.90	1171.00	1158.70	1139.70	1120.70	1136.40	1117.80	1099.20
	B		Using Plastic/Steel Barrel, Filled with Sand													
			Provision and installation of traffic impact attenuator at abutment/pier of flyovers bridges using plastic/steel barrels 0.60 m dia and 1.0 m in height, filled with sand in three rows and tied with 20 mm steel wire rope as per approved design and drawings	Sqm	1498.80	1474.20	1449.70	1458.40	1434.50	1410.60	1155.90	1137.00	1118.00	1115.50	1097.30	1079.00
	C		With HI - DRO cell Sandwich (Patented)													
			(In this patented HI - DRO cell system, water gets discharged from plastic tubes on impact over a pre-determined time, thus absorbing the energy)													
			Providing and installing a patentend HI - DRO cell system as a traffic impact attenuators, using plastic tubes 50 cm dia, 1.2 m in height, 25 mm opening at the top, placed in three rows, filled with water and tied with a 20 mm steel wire rope	Sqm	1869.60	1839.00	1808.30	1809.30	1779.70	1750.00	1781.00	1751.80	1722.60	1720.70	1692.50	1664.30

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.33			Gantry Mounted Variable Message Sign Board													
			Providing and erecting gantry mounted variable message sign board electronically operated capable of flashing the desired message over a designed support system of aluminium alloy or galvanised steel, erected as per approved design and drawings and with lateral clearance as per clause 802.3													
	(i)		Gantry Support System	Tonne	141259.90	138944.20	136628.50	140443.40	138141.10	135838.70	150216.30	147753.80	145291.20	149399.80	146950.60	144501.50
	(ii)		Message Display													
			Message display board 6 sqm electronically operated with complete electronic fitments for flashing the pre-determined messages.													
			This is a specilised commercial product and the lumpsum rate including erection at site is required to be as certainied from the market and including in the rate analysis. The size of the board will vary depending upon specific location.													
			The rate for the gantry mounted variable sign would be the addition of cost of gantry support system as per approved design determined at (i) above and the cost of message display board as certainied from the market at (ii) above													
B 8.34			Traffic Impact Attenuators at Abutments and Piers													
	A		With Scrap Tyres													
			Provision and installation of traffic attenuators at abutment/pier of flyovers bridges using scrap tyres of size 100 x 20 retrieved from trucks laid in 2 rows and 4 tiers, one above the other and tied with 20 mm wire rope as per approved design and drawings.	Sqm	1233.00	1212.80	1192.60	1210.70	1190.90	1171.00	1307.30	1285.90	1264.40	1285.00	1263.90	1242.90
	B		Using Plastic/Steel Barrel, Filled with Sand													
			Provision and installation of traffic impact attenuator at abutment/pier of flyovers bridges using plastic/steel barrels 0.60 m dia and 1.0 m in height, filled with sand in three rows and tied with 20 mm steel wire rope as per approved design and drawings	Sqm	1498.80	1474.20	1449.70	1458.40	1434.50	1410.60	2246.90	2210.10	2173.20	2206.50	2170.30	2134.20
	C		With HI - DRO cell Sandwich (Patented)													
			(In this patented HI - DRO cell system, water gets discharged from plastic tubes on impact over a pre-determined time, thus absorbing the energy)													
			Providing and installing a patentend HI - DRO cell system as a traffic impact attenuators, using plastic tubes 50 cm dia, 1.2 m in height, 25 mm opening at the top, placed in three rows, filled with water and tied with a 20 mm steel wire rope	Sqm	1869.60	1839.00	1808.30	1809.30	1779.70	1750.00	1958.20	1926.10	1894.00	1897.90	1866.80	1835.70

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.33			Gantry Mounted Variable Message Sign Board													
			Providing and erecting gantry mounted variable message sign board electronically operated capable of flashing the desired message over a designed support system of aluminium alloy or galvanised steel, erected as per approved design and drawings and with lateral clearance as per clause 802.3													
	(i)		Gantry Support System	Tonne	166849.60	164114.40	161379.10	166033.10	163311.30	160589.40	163011.20	160338.80	157666.50	162194.70	159535.70	156876.80
	(ii)		Message Display													
			Message display board 6 sqm electronically operated with complete electronic fitments for flashing the pre-determined messages.													
			This is a specilised commercial product and the lumpsum rate including erection at site is required to be as certained from the market and including in the rate analysis. The size of the board will vary depending upon specific location.													
			The rate for the gantry mounted variable sign would be the addition of cost of gantry support system as per approved design determined at (i) above and the cost of message display board as certained from the market at (ii) above													
B 8.34			Traffic Impact Attenuators at Abutments and Piers													
	A		With Scrap Tyres													
			Provision and installation of traffic attenuators at abutment/pier of flyovers bridges using scrap tyres of size 100 x 20 retrieved from trucks laid in 2 rows and 4 tiers, one above the other and tied with 20 mm wire rope as per approved design and drawings.	Sqm	1445.20	1421.60	1397.90	1423.00	1399.60	1376.30	1413.40	1390.20	1367.10	1391.10	1368.30	1345.50
	B		Using Plastic/Steel Barrel, Filled with Sand													
			Provision and installation of traffic impact attenuator at abutment/pier of flyovers bridges using plastic/steel barrels 0.60 m dia and 1.0 m in height, filled with sand in three rows and tied with20 mm steel wire rope as per approved design and drawings	Sqm	2951.50	2903.10	2854.70	2911.10	2863.40	2815.70	2788.90	2743.20	2697.50	2748.50	2703.50	2658.40
	C		With HI - DRO cell Sandwich (Patented)													
			(In this patented HI - DRO cell system, water gets discharged from plastic tubes on impact over a pre-determined time, thus absorbing the energy)													
			Providing and installing a patentend HI - DRO cell system as a traffic impact attenuators, using plastic tubes 50 cm dia, 1.2 m in height, 25 mm opening at the top, placed in three rows, filled with water and tied with a 20 mm steel wire rope	Sqm	2122.80	2088.00	2053.20	2062.50	2028.70	1994.90	2084.80	2050.70	2016.50	2024.50	1991.40	1958.20

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.33			Gantry Mounted Variable Message Sign Board													
			Providing and erecting gantry mounted variable message sign board electronically operated capable of flashing the desired message over a designed support system of aluminium alloy or galvanised steel, erected as per approved design and drawings and with lateral clearance as per clause 802.3													
	(i)		Gantry Support System	Tonne	143818.90	141461.20	139103.50	143002.40	140658.10	138313.80	168129.10	165372.90	162616.70	167312.60	164569.80	161826.90
	(ii)		Message Display													
			Message display board 6 sqm electronically operated with complete electronic fitments for flashing the pre-determined messages.													
			This is a specilised commercial product and the lumpsum rate including erection at site is required to be as certained from the market and including in the rate analysis. The size of the board will vary depending upon specific location.													
			The rate for the gantry mounted variable sign would be the addition of cost of gantry support system as per approved design determined at (i) above and the cost of message display board as certained from the market at (ii) above													
B 8.34			Traffic Impact Attenuators at Abutments and Piers													
	A		With Scrap Tyres													
			Provision and installation of traffic attenuators at abutment/pier of flyovers bridges using scrap tyres of size 100 x 20 retrieved from trucks laid in 2 rows and 4 tiers, one above the other and tied with 20 mm wire rope as per approved design and drawings.	Sqm	1254.20	1233.70	1213.10	1231.90	1211.80	1191.60	1455.90	1432.00	1408.10	1433.60	1410.10	1386.60
	B		Using Plastic/Steel Barrel, Filled with Sand													
			Provision and installation of traffic impact attenuator at abutment/pier of flyovers bridges using plastic/steel barrels 0.60 m dia and 1.0 m in height, filled with sand in three rows and tied with20 mm steel wire rope as per approved design and drawings	Sqm	1669.30	1641.90	1614.50	1628.90	1602.20	1575.50	3210.10	3157.50	3104.90	3169.70	3117.80	3065.80
	C		With HI - DRO cell Sandwich (Patented)													
			(In this patented HI - DRO cell system, water gets discharged from plastic tubes on impact over a pre-determined time, thus absorbing the energy)													
			Providing and installing a patentend HI - DRO cell system as a traffic impact attenuators, using plastic tubes 50 cm dia, 1.2 m in height, 25 mm opening at the top, placed in three rows, filled with water and tied with a 20 mm steel wire rope	Sqm	1894.90	1863.90	1832.80	1834.60	1804.60	1774.50	2135.50	2100.50	2065.50	2075.20	2041.20	2007.10

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.33			Gantry Mounted Variable Message Sign Board													
			Providing and erecting gantry mounted variable message sign board electronically operated capable of flashing the desired message over a designed support system of aluminium alloy or galvanised steel, erected as per approved design and drawings and with lateral clearance as per clause 802.3													
	(i)		Gantry Support System	Tonne	145098.40	142719.70	140341.10	144281.90	141916.60	139551.30	156613.70	154046.30	151478.90	155797.20	153243.20	150689.10
	(ii)		Message Display													
			Message display board 6 sqm electronically operated with complete electronic fitments for flashing the pre-determined messages.													
			This is a specilised commercial product and the lumpsum rate including erection at site is required to be as certained from the market and including in the rate analysis. The size of the board will vary depending upon specific location.													
			The rate for the gantry mounted variable sign would be the addition of cost of gantry support system as per approved design determined at (i) above and the cost of message display board as certained from the market at (ii) above													
B 8.34			Traffic Impact Attenuators at Abutments and Piers													
	A		With Scrap Tyres													
			Provision and installation of traffic attenuators at abutment/pier of flyovers bridges using scrap tyres of size 100 x 20 retrieved from trucks laid in 2 rows and 4 tiers, one above the other and tied with 20 mm wire rope as per approved design and drawings.	Sqm	1264.80	1244.10	1223.40	1242.60	1222.20	1201.80	1360.30	1338.00	1315.70	1338.10	1316.10	1294.20
	B		Using Plastic/Steel Barrel, Filled with Sand													
			Provision and installation of traffic impact attenuator at abutment/pier of flyovers bridges using plastic/steel barrels 0.60 m dia and 1.0 m in height, filled with sand in three rows and tied with20 mm steel wire rope as per approved design and drawings	Sqm	1979.00	1946.50	1914.10	1938.60	1906.80	1875.00	2262.40	2225.30	2188.20	2222.00	2185.60	2149.10
	C		With HI - DRO cell Sandwich (Patented)													
			(In this patented HI - DRO cell system, water gets discharged from plastic tubes on impact over a pre-determined time, thus absorbing the energy)													
			Providing and installing a patentend HI - DRO cell system as a traffic impact attenuators, using plastic tubes 50 cm dia, 1.2 m in height, 25 mm opening at the top, placed in three rows, filled with water and tied with a 20 mm steel wire rope	Sqm	1907.60	1876.30	1845.10	1847.30	1817.00	1786.70	2021.50	1988.40	1955.30	1961.20	1929.10	1896.90

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.33			Gantry Mounted Variable Message Sign Board													
			Providing and erecting gantry mounted variable message sign board electronically operated capable of flashing the desired message over a designed support system of aluminium alloy or galvanised steel, erected as per approved design and drawings and with lateral clearance as per clause 802.3													
	(i)		Gantry Support System	Tonne	180923.90	177958.00	174992.00	180107.40	177154.90	174202.30	173247.00	170406.90	167566.80	172430.50	169603.80	166777.10
	(ii)		Message Display													
			Message display board 6 sqm electronically operated with complete electronic fitments for flashing the pre-determined messages.													
			This is a specilised commercial product and the lumpsum rate including erection at site is required to be as certained from the market and including in the rate analysis. The size of the board will vary depending upon specific location.													
			The rate for the gantry mounted variable sign would be the addition of cost of gantry support system as per approved design determined at (i) above and the cost of message display board as certained from the market at (ii) above													
B 8.34			Traffic Impact Attenuators at Abutments and Piers													
	A		With Scrap Tyres													
			Provision and installation of traffic attenuators at abutment/pier of flyovers bridges using scrap tyres of size 100 x 20 retrieved from trucks laid in 2 rows and 4 tiers, one above the other and tied with 20 mm wire rope as per approved design and drawings.	Sqm	1562.00	1536.40	1510.80	1539.70	1514.50	1489.20	1498.30	1473.70	1449.20	1476.00	1451.80	1427.60
	B		Using Plastic/Steel Barrel, Filled with Sand													
			Provision and installation of traffic impact attenuator at abutment/pier of flyovers bridges using plastic/steel barrels 0.60 m dia and 1.0 m in height, filled with sand in three rows and tied with20 mm steel wire rope as per approved design and drawings	Sqm	4620.80	4545.10	4469.30	4580.50	4505.40	4430.30	3835.70	3772.80	3710.00	3795.30	3733.10	3670.90
	C		With HI - DRO cell Sandwich (Patented)													
			(In this patented HI - DRO cell system, water gets discharged from plastic tubes on impact over a pre-determined time, thus absorbing the energy)													
			Providing and installing a patentend HI - DRO cell system as a traffic impact attenuators, using plastic tubes 50 cm dia, 1.2 m in height, 25 mm opening at the top, placed in three rows, filled with water and tied with a 20 mm steel wire rope	Sqm	2262.10	2225.00	2187.90	2201.80	2165.70	2129.60	2186.10	2150.30	2114.40	2125.80	2091.00	2056.10

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.35			Solar Powered Road marker (Solar Stud)													
			Supplying of solar raised pavement markers made of polycarbonate molded body with circular shape solar powered LED self illuminating in active mode, 360 degree illumination and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face in passive mode. The marker shall support a load of 20000kg tested in accordance to ASTM D 4280. The marker body should be resistant to dust and water ingress according to IP65 standards and should withstand temperatures in the range of 0 C to 70 C. Colour of lighting could be provided in red or yellow (amber) as per requirement and typical frequency of blinking is 1 Hz. There should be current losses of less than 20 microamperes at 2.4 V in sleep charging mode to enhance the life of the marker and a full charge should provide for a minimum autonomy of 50 hours. The height , width and length of the marker shall not be less than 10mm x 100mm x 100mm. Also the surface diameter of the marker shall not be less than 100mm respectively. The weight of the marker shall not exceed 0.5 Kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive and complete as per directed by the engineer	Nos	456.90	449.40	442.00	452.10	444.70	437.30	428.30	421.30	414.30	423.50	416.60	409.60
B 8.36			Traffic Cone													
			Provision of red fluorescent with white reflective sleeve traffic cone made of low density polyethylene (LDPE) material with a square base of 390 x 390 x 35 mm and a height of 770 mm, 4 kg in weight, placed at 1.5 m interval, all as per BS 873	RM	788.10	775.20	762.30	785.70	772.80	759.90	737.20	725.10	713.10	734.80	722.70	710.70
B 8.37			Roadside Amenities													
	A		Rest areas													
			Providing plainly furnished accommodation for rest rooms, dormitories, restaurants, stalls, shops, petrol pump, telephone booth, first aid room, traffic aid post, police assistance booth, including electricity, toilet and sewerage system													
			Pricing may be done based on current plinth area rates approved by PWD/CPWD/MES for a particular zone. Area is required to be assessed for specific location as per actual site conditions													

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.35			Solar Powered Road marker (Solar Stud)													
			Supplying of solar raised pavement markers made of polycarbonate molded body with circular shape solar powered LED self illuminating in active mode, 360 degree illumination and reflective panels with micro prismatic lens capable of providing total internal reflection of the lightb entering the lens face in passive mode. The marker shall support a load of 20000kg tested in accordance to ASTM D 4280. The marker body should be resistant to dust and water ingress according to IP65 standardsand should withstand temperatures in the range of 0 C to 70 C. Colour of lighting could be provided in red or yellow (amber) as per requirement and typical frequency of blinking is 1 Hz. There should be current losses of less than 20 microamperes at 2.4 V in sleep charging mode to enhance the life of the marker and a full charge should provide for a minimum autonomy of 50 hours. The height , width and length of the marker shall not be less than 10mm x 100mm x 100mm. Also the surface diameter of the marker shall not be less than 100mm respectively. The weight of the marker shall not exceed 0.5 Kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive and complete as per directed by the engineer	Nos	456.90	449.40	442.00	452.10	444.70	437.30	485.60	477.60	469.60	480.70	472.90	465.00
B 8.36			Traffic Cone													
			Provision of red fluorescent with white reflective sleeve traffic cone made of low density polyethylene (LDPE) material with a square base of 390 x 390 x 35 mm and a height of 770 mm, 4 kg in weight, placed at 1.5 m interval, all as per BS 873	RM	788.10	775.20	762.30	785.70	772.80	759.90	839.00	825.30	811.50	836.60	822.90	809.20
B 8.37			Roadside Amenities													
	A		Rest areas													
			Providing plainly furnished accommodation for rest rooms, dormitories, restaurants, stalls, shops, petrol pump, telephone booth, first aid room, traffic aid post, police assistance booth, including electricity, toilet and sewerage system													
			Pricing may be done based on current plinth area rates approved by PWD/CPWD/MES for a particular zone. Area is required to be assessed for specific location as per actual site conditions													

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.35			Solar Powered Road marker (Solar Stud)													
			Supplying of solar raised pavement markers made of polycarbonate molded body with circular shape solar powered LED self illuminating in active mode, 360 degree illumination and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face in passive mode. The marker shall support a load of 20000kg tested in accordance to ASTM D 4280. The marker body should be resistant to dust and water ingress according to IP65 standards and should withstand temperatures in the range of 0 C to 70 C. Colour of lighting could be provided in red or yellow (amber) as per requirement and typical frequency of blinking is 1 Hz. There should be current losses of less than 20 microamperes at 2.4 V in sleep charging mode to enhance the life of the marker and a full charge should provide for a minimum autonomy of 50 hours. The height , width and length of the marker shall not be less than 10mm x 100mm x 100mm. Also the surface diameter of the marker shall not be less than 100mm respectively. The weight of the marker shall not exceed 0.5 Kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive and complete as per directed by the engineer	Nos	538.70	529.90	521.00	533.90	525.10	516.40	526.40	517.80	509.20	521.60	513.10	504.50
B 8.36			Traffic Cone													
			Provision of red fluorescent with white reflective sleeve traffic cone made of low density polyethylene (LDPE) material with a square base of 390 x 390 x 35 mm and a height of 770 mm, 4 kg in weight, placed at 1.5 m interval, all as per BS 873	RM	933.60	918.30	903.00	931.10	915.90	900.60	911.80	896.80	881.90	909.30	894.40	879.50
B 8.37			Roadside Amenities													
	A		Rest areas													
			Providing plainly furnished accommodation for rest rooms, dormitories, restaurants, stalls, shops, petrol pump, telephone booth, first aid room, traffic aid post, police assistance booth, including electricity, toilet and sewerage system													
			Pricing may be done based on current plinth area rates approved by PWD/CPWD/MES for a particular zone. Area is required to be assessed for specific location as per actual site conditions													

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.35			Solar Powered Road marker (Solar Stud)													
			Supplying of solar raised pavement markers made of polycarbonate molded body with circular shape solar powered LED self illuminating in active mode, 360 degree illumination and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face in passive mode. The marker shall support a load of 20000kg tested in accordance to ASTM D 4280. The marker body should be resistant to dust and water ingress according to IP65 standards and should withstand temperatures in the range of 0 C to 70 C. Colour of lighting could be provided in red or yellow (amber) as per requirement and typical frequency of blinking is 1 Hz. There should be current losses of less than 20 microamperes at 2.4 V in sleep charging mode to enhance the life of the marker and a full charge should provide for a minimum autonomy of 50 hours. The height , width and length of the marker shall not be less than 10mm x 100mm x 100mm. Also the surface diameter of the marker shall not be less than 100mm respectively. The weight of the marker shall not exceed 0.5 Kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive and complete as per directed by the engineer	Nos	465.10	457.50	449.90	460.30	452.70	445.20	542.80	533.90	525.00	538.00	529.20	520.30
B 8.36			Traffic Cone													
			Provision of red fluorescent with white reflective sleeve traffic cone made of low density polyethylene (LDPE) material with a square base of 390 x 390 x 35 mm and a height of 770 mm, 4 kg in weight, placed at 1.5 m interval, all as per BS 873	RM	802.70	789.50	776.40	800.20	787.10	774.00	940.90	925.40	910.00	938.40	923.00	907.60
B 8.37			Roadside Amenities													
	A		Rest areas													
			Providing plainly furnished accommodation for rest rooms, dormitories, restaurants, stalls, shops, petrol pump, telephone booth, first aid room, traffic aid post, police assistance booth, including electricity, toilet and sewerage system													
			Pricing may be done based on current plinth area rates approved by PWD/CPWD/MES for a particular zone. Area is required to be assessed for specific location as per actual site conditions													

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.35			Solar Powered Road marker (Solar Stud)													
			Supplying of solar raised pavement markers made of polycarbonate molded body with circular shape solar powered LED self illuminating in active mode, 360 degree illumination and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face in passive mode. The marker shall support a load of 20000kg tested in accordance to ASTM D 4280. The marker body should be resistant to dust and water ingress according to IP65 standards and should withstand temperatures in the range of 0 C to 70 C. Colour of lighting could be provided in red or yellow (amber) as per requirement and typical frequency of blinking is 1 Hz. There should be current losses of less than 20 microamperes at 2.4 V in sleep charging mode to enhance the life of the marker and a full charge should provide for a minimum autonomy of 50 hours. The height , width and length of the marker shall not be less than 10mm x 100mm x 100mm. Also the surface diameter of the marker shall not be less than 100mm respectively. The weight of the marker shall not exceed 0.5 Kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive and complete as per directed by the engineer	Nos	469.20	461.50	453.80	464.40	456.80	449.20	506.00	497.70	489.40	501.20	493.00	484.70
B 8.36			Traffic Cone													
			Provision of red fluorescent with white reflective sleeve traffic cone made of low density polyethylene (LDPE) material with a square base of 390 x 390 x 35 mm and a height of 770 mm, 4 kg in weight, placed at 1.5 m interval, all as per BS 873	RM	810.00	796.70	783.40	807.50	794.30	781.00	875.40	861.10	846.70	873.00	858.60	844.30
B 8.37			Roadside Amenities													
	A		Rest areas													
			Providing plainly furnished accommodation for rest rooms, dormitories, restaurants, stalls, shops, petrol pump, telephone booth, first aid room, traffic aid post, police assistance booth, including electricity, toilet and sewerage system													
			Pricing may be done based on current plinth area rates approved by PWD/CPWD/MES for a particular zone. Area is required to be assessed for specific location as per actual site conditions													

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.35			Solar Powered Road marker (Solar Stud)													
			Supplying of solar raised pavement markers made of polycarbonate molded body with circular shape solar powered LED self illuminating in active mode, 360 degree illumination and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face in passive mode. The marker shall support a load of 20000kg tested in accordance to ASTM D 4280. The marker body should be resistant to dust and water ingress according to IP65 standards and should withstand temperatures in the range of 0 C to 70 C. Colour of lighting could be provided in red or yellow (amber) as per requirement and typical frequency of blinking is 1 Hz. There should be current losses of less than 20 microamperes at 2.4 V in sleep charging mode to enhance the life of the marker and a full charge should provide for a minimum autonomy of 50 hours. The height , width and length of the marker shall not be less than 10mm x 100mm x 100mm. Also the surface diameter of the marker shall not be less than 100mm respectively. The weight of the marker shall not exceed 0.5 Kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive and complete as per directed by the engineer	Nos	583.70	574.10	564.60	578.90	569.40	559.90	559.20	550.00	540.80	554.30	545.20	536.20
B 8.36			Traffic Cone													
			Provision of red fluorescent with white reflective sleeve traffic cone made of low density polyethylene (LDPE) material with a square base of 390 x 390 x 35 mm and a height of 770 mm, 4 kg in weight, placed at 1.5 m interval, all as per BS 873	RM	1013.60	997.00	980.40	1011.10	994.60	978.00	970.00	954.10	938.20	967.50	951.60	935.80
B 8.37			Roadside Amenities													
	A		Rest areas													
			Providing plainly furnished accommodation for rest rooms, dormitories, restaurants, stalls, shops, petrol pump, telephone booth, first aid room, traffic aid post, police assistance booth, including electricity, toilet and sewerage system													
			Pricing may be done based on current plinth area rates approved by PWD/CPWD/MES for a particular zone. Area is required to be assessed for specific location as per actual site conditions													

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	B		Parking areas and bus laybyes for trucks, buses and light vehicles													
			Pricing of parking areas may be done for the quantities of various items based on the approved dimensions and pavement design for a particular terrain and soil. Rates for items may be from respective chapters.													
	C		Lawn													
			Providing a lawn planted with grass and its maintenance													
			Pricing of lawn may be done as per rates given in the chapter on horticulture for the quantities as per approved dimensions in the drawings													
B 8.38			Rumble Strips													
			Provision of 15 nos rumble strips covered with premix bituminous carpet, 15-20 mm high at center, 250 mm wide placed at 1 m center to center at approved locations to control speed, marked with white strips of road marking paint.													
			The rate per sqm of premix carpet and road marking may be adopted from chapter 5 & 8 respectively for the quantities calculated from approved drawings													
B 8.39			Policeman Umbrella													
			Provision of a 2 m high (floor to roof) umbrella for traffic policeman at road crossings, where necessary, installed on a raised platform, built on a central support of a steel pipe 100 mm dia, roof made of 25 mm dia steel pipe to provide covered area of 3 sqm, roofed with CGI sheets, all steel parts to be given 2 coats of paint	Each	9759.20	9599.20	9439.20	9044.00	8895.70	8747.50	9310.90	9158.20	9005.60	8595.70	8454.70	8313.80
B 8.40			High Mast Pole Lighting at Interchanges and Flyovers													
			Providing and erecting a high mast pole lighting with 30 m high hot dip galvanised mast designed to withstand forces exerted with wind speeds of 180 km per hour with 3 seconds gust, as per IS:875 (Part 3) - 1978, fitted with a base flange, door at the base of mast with heavy duty internal lock, lantern carriage, suitable winching arrangement for safe working load of 750 kg and high powered electrically driven power tools for raising and lowering of lantern carriage, flexible 8 core electric cable, lightening conductor, earthing terminal, and fixing 2 nos aviation obstruction lights on top of the mast, all complete as per approved design and drawings													

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	B		Parking areas and bus laybyes for trucks, buses and light vehicles													
			Pricing of parking areas may be done for the quantities of various items based on the approved dimensions and pavement design for a particular terrain and soil. Rates for items may be from respective chapters.													
	C		Lawn													
			Providing a lawn planted with grass and its maintenance													
			Pricing of lawn may be done as per rates given in the chapter on horticulture for the quantities as per approved dimensions in the drawings													
B 8.38			Rumble Strips													
			Provision of 15 nos rumble strips covered with premix bituminous carpet, 15-20 mm high at center, 250 mm wide placed at 1 m center to center at approved locations to control speed, marked with white strips of road marking paint.													
			The rate per sqm of premix carpet and road marking may be adopted from chapter 5 & 8 respectively for the quantities calculated from approved drawings													
B 8.39			Policeman Umbrella													
			Provision of a 2 m high (floor to roof) umbrella for traffic policeman at road crossings, where necessary, installed on a raised platform, built on a central support of a steel pipe 100 mm dia, roof made of 25 mm dia steel pipe to provide covered area of 3 sqm, roofed with CGI sheets, all steel parts to be given 2 coats of paint	Each	9759.20	9599.20	9439.20	9044.00	8895.70	8747.50	10207.60	10040.20	9872.90	9492.40	9336.70	9181.10
B 8.40			High Mast Pole Lighting at Interchanges and Flyovers													
			Providing and erecting a high mast pole lighting with 30 m high hot dip galvanised mast designed to withstand forces exerted with wind speeds of 180 km per hour with 3 seconds gust, as per IS:875 (Part 3) - 1978, fitted with a base flange, door at the base of mast with heavy duty internal lock, lantern carriage, suitable winching arrangement for safe working load of 750 kg and high powered electrically driven power tools for raising and lowering of lantern carriage, flexible 8 core electric cable, lightening conductor, earthing terminal, and fixing 2 nos aviation obstruction lights on top of the mast, all complete as per approved design and drawings													

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	B		Parking areas and bus laybyes for trucks, buses and light vehicles													
			Pricing of parking areas may be done for the quantities of various items based on the approved dimensions and pavement design for a particular terrain and soil. Rates for items may be from respective chapters.													
	C		Lawn													
			Providing a lawn planted with grass and its maintenance													
			Pricing of lawn may be done as per rates given in the chapter on horticulture for the quantities as per approved dimensions in the drawings													
B 8.38			Rumble Strips													
			Provision of 15 nos rumble strips covered with premix bituminous carpet, 15-20 mm high at center, 250 mm wide placed at 1 m center to center at approved locations to control speed, marked with white strips of road marking paint.													
			The rate per sqm of premix carpet and road marking may be adopted from chapter 5 & 8 respectively for the quantities calculated from approved drawings													
B 8.39			Policeman Umbrella													
			Provision of a 2 m high (floor to roof) umbrella for traffic policeman at road crossings, where necessary, installed on a raised platform, built on a central support of a steel pipe 100 mm dia, roof made of 25 mm dia steel pipe to provide covered area of 3 sqm, roofed with CGI sheets, all steel parts to be given 2 coats of paint	Each	11040.20	10859.20	10678.20	10325.00	10155.70	9986.50	10848.10	10670.20	10492.40	10132.90	9966.70	9800.60
B 8.40			High Mast Pole Lighting at Interchanges and Flyovers													
			Providing and erecting a high mast pole lighting with 30 m high hot dip galvanised mast designed to withstand forces exerted with wind speeds of 180 km per hour with 3 seconds gust, as per IS:875 (Part 3) - 1978, fitted with a base flange, door at the base of mast with heavy duty internal lock, lantern carriage, suitable winching arrangement for safe working load of 750 kg and high powered electrically driven power tools for raising and lowering of lantern carriage, flexible 8 core electric cable, lightening conductor, earthing terminal, and fixing 2 nos aviation obstruction lights on top of the mast, all complete as per approved design and drawings													

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	B		Parking areas and bus laybyes for trucks, buses and light vehicles													
			Pricing of parking areas may be done for the quantities of various items based on the approved dimensions and pavement design for a particular terrain and soil. Rates for items may be from respective chapters.													
	C		Lawn													
			Providing a lawn planted with grass and its maintenance													
			Pricing of lawn may be done as per rates given in the chapter on horticulture for the quantities as per approved dimensions in the drawings													
B 8.38			Rumble Strips													
			Provision of 15 nos rumble strips covered with premix bituminous carpet, 15-20 mm high at center, 250 mm wide placed at 1 m center to center at approved locations to control speed, marked with white strips of road marking paint.													
			The rate per sqm of premix carpet and road marking may be adopted from chapter 5 & 8 respectively for the quantities calculated from approved drawings													
B 8.39			Policeman Umbrella													
			Provision of a 2 m high (floor to roof) umbrella for traffic policeman at road crossings, where necessary, installed on a raised platform, built on a central support of a steel pipe 100 mm dia, roof made of 25 mm dia steel pipe to provide covered area of 3 sqm, roofed with CGI sheets, all steel parts to be given 2 coats of paint	Each	9887.30	9725.20	9563.10	9172.10	9021.70	8871.40	11104.30	10922.20	10740.20	10389.10	10218.70	10048.40
B 8.40			High Mast Pole Lighting at Interchanges and Flyovers													
			Providing and erecting a high mast pole lighting with 30 m high hot dip galvanised mast designed to withstand forces exerted with wind speeds of 180 km per hour with 3 seconds gust, as per IS:875 (Part 3) - 1978, fitted with a base flange, door at the base of mast with heavy duty internal lock, lantern carriage, suitable winching arrangement for safe working load of 750 kg and high powered electrically driven power tools for raising and lowering of lantern carriage, flexible 8 core electric cable, lightening conductor, earthing terminal, and fixing 2 nos aviation obstruction lights on top of the mast, all complete as per approved design and drawings													

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	B		Parking areas and bus laybyes for trucks, buses and light vehicles													
			Pricing of parking areas may be done for the quantities of various items based on the approved dimensions and pavement design for a particular terrain and soil. Rates for items may be from respective chapters.													
	C		Lawn													
			Providing a lawn planted with grass and its maintenance													
			Pricing of lawn may be done as per rates given in the chapter on horticulture for the quantities as per approved dimensions in the drawings													
B 8.38			Rumble Strips													
			Provision of 15 nos rumble strips covered with premix bituminous carpet, 15-20 mm high at center, 250 mm wide placed at 1 m center to center at approved locations to control speed, marked with white strips of road marking paint.													
			The rate per sqm of premix carpet and road marking may be adopted from chapter 5 & 8 respectively for the quantities calculated from approved drawings													
B 8.39			Policeman Umbrella													
			Provision of a 2 m high (floor to roof) umbrella for traffic policeman at road crossings, where necessary, installed on a raised platform, built on a central support of a steel pipe 100 mm dia, roof made of 25 mm dia steel pipe to provide covered area of 3 sqm, roofed with CGI sheets, all steel parts to be given 2 coats of paint	Each	9951.40	9788.20	9625.10	9236.20	9084.70	8933.30	10527.80	10355.20	10182.60	9812.60	9651.70	9490.90
B 8.40			High Mast Pole Lighting at Interchanges and Flyovers													
			Providing and erecting a high mast pole lighting with 30 m high hot dip galvanised mast designed to withstand forces exerted with wind speeds of 180 km per hour with 3 seconds gust, as per IS:875 (Part 3) - 1978, fitted with a base flange, door at the base of mast with heavy duty internal lock, lantern carriage, suitable winching arrangement for safe working load of 750 kg and high powered electrically driven power tools for raising and lowering of lantern carriage, flexible 8 core electric cable, lightening conductor, earthing terminal, and fixing 2 nos aviation obstruction lights on top of the mast, all complete as per approved design and drawings													

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	B		Parking areas and bus laybyes for trucks, buses and light vehicles													
			Pricing of parking areas may be done for the quantities of various items based on the approved dimensions and pavement design for a particular terrain and soil. Rates for items may be from respective chapters.													
	C		Lawn													
			Providing a lawn planted with grass and its maintenance													
			Pricing of lawn may be done as per rates given in the chapter on horticulture for the quantities as per approved dimensions in the drawings													
B 8.38			Rumble Strips													
			Provision of 15 nos rumble strips covered with premix bituminous carpet, 15-20 mm high at center, 250 mm wide placed at 1 m center to center at approved locations to control speed, marked with white strips of road marking paint.													
			The rate per sqm of premix carpet and road marking may be adopted from chapter 5 & 8 respectively for the quantities calculated from approved drawings													
B 8.39			Policeman Umbrella													
			Provision of a 2 m high (floor to roof) umbrella for traffic policeman at road crossings, where necessary, installed on a raised platform, built on a central support of a steel pipe 100 mm dia, roof made of 25 mm dia steel pipe to provide covered area of 3 sqm, roofed with CGI sheets, all steel parts to be given 2 coats of paint	Each	11744.80	11552.20	11359.70	11029.60	10848.70	10667.90	11360.50	11174.20	10988.00	10645.30	10470.70	10296.20
B 8.40			High Mast Pole Lighting at Interchanges and Flyovers													
			Providing and erecting a high mast pole lighting with 30 m high hot dip galvanised mast designed to withstand forces exerted with wind speeds of 180 km per hour with 3 seconds gust, as per IS:875 (Part 3) - 1978, fitted with a base flange, door at the base of mast with heavy duty internal lock, lantern carriage, suitable winching arrangement for safe working load of 750 kg and high powered electrically driven power tools for raising and lowering of lantern carriage, flexible 8 core electric cable, lightening conductor, earthing terminal, and fixing 2 nos aviation obstruction lights on top of the mast, all complete as per approved design and drawings													

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			This is a specialised work and is generally done by firms who specialise in such jobs. The detailed designs and estimates are submitted by the firms along with their tender for checks by the Department. The cost of this work is required to be worked out based on approved design, drawings and estimate of the lowest tender. A separate contract for this work is concluded as the contractors for road and bridge works generally donot undertake such jobs.													
B 8.41			Toll Plaza													
			The construction, operation and maintenance of Toll Plaza can be broken into separate items of work as under based on the approved design and drawings:-													
			a) Provision of toll collection service lane to separate different categories of vehicles for purpose of toll collection. This involves considerable increase in carriage way width													
			b) Provision of 2.5 m wide separators for different toll collection service lanes for safety													
			c) Toll booths with integrated roof cover													
			d) Barrier gates for individual lanes													
			e) Provision of building to provide facility to toll plaza personnel													
			f) Toll plaza office equipment and furniture													
			g) Water supply, electricity, sanitation, septic-tank system and drainage													
			h) Telephone, intercomes, wireless communication system													
			i) High mast lighting													
			j) Pavement marking													
			k) Overhead signs													
			l) Fixed message signs (Advance)													
			m) Variable message signs													
			n) Traffic cones and pylons													
			o) First aid post													
			p) Traffic aid post and security													
			The quantities for the above mentioned items may be calculated from the approved design and drawings and their rates adopted from respective chapters of the Standard Data Book													

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			This is a specialised work and is generally done by firms who specialise in such jobs. The detailed designs and estimates are submitted by the firms along with their tender for checks by the Department. The cost of this work is required to be worked out based on approved design, drawings and estimate of the lowest tender. A separate contract for this work is concluded as the contractors for road and bridge works generally donot undertake such jobs.													
B 8.41			Toll Plaza													
			The construction, operation and maintenance of Toll Plaza can be broken into separate items of work as under based on the approved design and drawings:-													
			a) Provision of toll collection service lane to separate different categories of vehicles for purpose of toll collection. This involves considerable increase in carriage way width													
			b) Provision of 2.5 m wide separators for different toll collection service lanes for safety													
			c) Toll booths with integrated roof cover													
			d) Barrier gates for individual lanes													
			e) Provision of building to provide facility to toll plaza personnel													
			f) Toll plaza office equipment and furniture													
			g) Water supply, electricity, sanitation, septic-tank system and drainage													
			h) Telephone, intercomes, wireless communication system													
			i) High mast lighting													
			j) Pavement marking													
			k) Overhead signs													
			l) Fixed message signs (Advance)													
			m) Variable message signs													
			n) Traffic cones and pylons													
			o) First aid post													
			p) Traffic aid post and security													
			The quantities for the above mentioned items may be calculated from the approved design and drawings and their rates adopted from respective chapters of the Standard Data Book													

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			This is a specialised work and is generally done by firms who specialise in such jobs. The detailed designs and estimates are submitted by the firms along with their tender for checks by the Department. The cost of this work is required to be worked out based on approved design, drawings and estimate of the lowest tender. A separate contract for this work is concluded as the contractors for road and bridge works generally donot undertake such jobs.													
B 8.41			Toll Plaza													
			The construction, operation and maintenance of Toll Plaza can be broken into separate items of work as under based on the approved design and drawings:-													
			a) Provision of toll collection service lane to separate different categories of vehicles for purpose of toll collection. This involves considerable increase in carriage way width													
			b) Provision of 2.5 m wide separators for different toll collection service lanes for safety													
			c) Toll booths with integrated roof cover													
			d) Barrier gates for individual lanes													
			e) Provision of building to provide facility to toll plaza personnel													
			f) Toll plaza office equipment and furniture													
			g) Water supply, electricity, sanitation, septic-tank system and drainage													
			h) Telephone, intercomes, wireless communication system													
			i) High mast lighting													
			j) Pavement marking													
			k) Overhead signs													
			l) Fixed message signs (Advance)													
			m) Variable message signs													
			n) Traffic cones and pylons													
			o) First aid post													
			p) Traffic aid post and security													
			The quantities for the above mentioned items may be calculated from the approved design and drawings and their rates adopted from respective chapters of the Standard Data Book													

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			This is a specialised work and is generally done by firms who specialise in such jobs. The detailed designs and estimates are submitted by the firms along with their tender for checks by the Department. The cost of this work is required to be worked out based on approved design, drawings and estimate of the lowest tender. A separate contract for this work is concluded as the contractors for road and bridge works generally donot undertake such jobs.													
B 8.41			Toll Plaza													
			The construction, operation and maintenance of Toll Plaza can be broken into separate items of work as under based on the approved design and drawings:-													
			a) Provision of toll collection service lane to separate different categories of vehicles for purpose of toll collection. This involves considerable increase in carriage way width													
			b) Provision of 2.5 m wide separators for different toll collection service lanes for safety													
			c) Toll booths with integrated roof cover													
			d) Barrier gates for individual lanes													
			e) Provision of building to provide facility to toll plaza personnel													
			f) Toll plaza office equipment and furniture													
			g) Water supply, electricity, sanitation, septic-tank system and drainage													
			h) Telephone, intercomes, wireless communication system													
			i) High mast lighting													
			j) Pavement marking													
			k) Overhead signs													
			l) Fixed message signs (Advance)													
			m) Variable message signs													
			n) Traffic cones and pylons													
			o) First aid post													
			p) Traffic aid post and security													
			The quantities for the above mentioned items may be calculated from the approved design and drawings and their rates adopted from respective chapters of the Standard Data Book													

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			This is a specialised work and is generally done by firms who specialise in such jobs. The detailed designs and estimates are submitted by the firms along with their tender for checks by the Department. The cost of this work is required to be worked out based on approved design, drawings and estimate of the lowest tender. A separate contract for this work is concluded as the contractors for road and bridge works generally donot undertake such jobs.													
B 8.41			Toll Plaza													
			The construction, operation and maintenance of Toll Plaza can be broken into separate items of work as under based on the approved design and drawings:-													
			a) Provision of toll collection service lane to separate different categories of vehicles for purpose of toll collection. This involves considerable increase in carriage way width													
			b) Provision of 2.5 m wide separators for different toll collection service lanes for safety													
			c) Toll booths with integrated roof cover													
			d) Barrier gates for individual lanes													
			e) Provision of building to provide facility to toll plaza personnel													
			f) Toll plaza office equipment and furniture													
			g) Water supply, electricity, sanitation, septic-tank system and drainage													
			h) Telephone, intercomes, wireless communication system													
			i) High mast lighting													
			j) Pavement marking													
			k) Overhead signs													
			l) Fixed message signs (Advance)													
			m) Variable message signs													
			n) Traffic cones and pylons													
			o) First aid post													
			p) Traffic aid post and security													
			The quantities for the above mentioned items may be calculated from the approved design and drawings and their rates adopted from respective chapters of the Standard Data Book													

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			This is a specialised work and is generally done by firms who specialise in such jobs. The detailed designs and estimates are submitted by the firms along with their tender for checks by the Department. The cost of this work is required to be worked out based on approved design, drawings and estimate of the lowest tender. A separate contract for this work is concluded as the contractors for road and bridge works generally donot undertake such jobs.													
B 8.41			Toll Plaza													
			The construction, operation and maintenance of Toll Plaza can be broken into separate items of work as under based on the approved design and drawings:-													
			a) Provision of toll collection service lane to separate different categories of vehicles for purpose of toll collection. This involves considerable increase in carriage way width													
			b) Provision of 2.5 m wide separators for different toll collection service lanes for safety													
			c) Toll booths with integrated roof cover													
			d) Barrier gates for individual lanes													
			e) Provision of building to provide facility to toll plaza personnel													
			f) Toll plaza office equipment and furniture													
			g) Water supply, electricity, sanitation, septic-tank system and drainage													
			h) Telephone, intercomes, wireless communication system													
			i) High mast lighting													
			j) Pavement marking													
			k) Overhead signs													
			l) Fixed message signs (Advance)													
			m) Variable message signs													
			n) Traffic cones and pylons													
			o) First aid post													
			p) Traffic aid post and security													
			The quantities for the above mentioned items may be calculated from the approved design and drawings and their rates adopted from respective chapters of the Standard Data Book													

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.42			Safety Devices and Signs in Construction Zones													
			Provision and fixing of traffic signs for limited period at suitable locations in construction zone comprising of warning zone, approach transition zone, working zone and terminal transition zone with a minimum distance of 60 cm from the edge of the kerb in case of kerbed roads and 2 to 3 m from the edge of the carriageway in case of un-kerbed roads, the bottom edge of the lowest sign plate to be not less than 2 m above the road level, fixed on 60 mm x 60 mm x 6 mm angle iron post, founded and installed as per approved design and drawings, removed and disposed of after completion of construction work, all as per IRC:SP:55-2001													
			Unit = each													
			Taking output = one sign post													
			Following types of signs are required to be fixed in construction zones for safety of traffic													
			a) Diversion one km ahead													
			b) Traffic sign ahead													
			c) Road ahead closed													
			d) Men at work													
			e) Road narrow													
			f) Single file traffic													
			g) Right lane diverted													
			h) Left lane diverted													
			i) Right lane closed													
			j) Left lane closed													
			k) Median closed													
			l) Diversion to other carriageway													
			m) Traffic signal ahead													
			n) Two way traffic													
			o) Un - even road													
			p) Slippery road													
			q) Loose chippings													
			r) Dual carriageway ends													
			s) Diversion													
			t) Do not enter													
			u) Road closed													
			v) Stop													
			w) Slow													
			x) One way													
			y) Give way													
			z) Overtaking prohibited													
			aa) Speed limit													
			bb) Weight limit													
			cc) Height and length limit													

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.42			Safety Devices and Signs in Construction Zones													
			Provision and fixing of traffic signs for limited period at suitable locations in construction zone comprising of warning zone, approach transition zone, working zone and terminal transition zone with a minimum distance of 60 cm from the edge of the kerb in case of kerbed roads and 2 to 3 m from the edge of the carriageway in case of un-kerbed roads, the bottom edge of the lowest sign plate to be not less than 2 m above the road level, fixed on 60 mm x 60 mm x 6 mm angle iron post, founded and installed as per approved design and drawings, removed and disposed of after completion of construction work, all as per IRC:SP:55-2001													
			Unit = each													
			Taking output = one sign post													
			Following types of signs are required to be fixed in construction zones for safety of traffic													
			a) Diversion one km ahead													
			b) Traffic sign ahead													
			c) Road ahead closed													
			d) Men at work													
			e) Road narrow													
			f) Single file traffic													
			g) Right lane diverted													
			h) Left lane diverted													
			i) Right lane closed													
			j) Left lane closed													
			k) Median closed													
			l) Diversion to other carriageway													
			m) Traffic signal ahead													
			n) Two way traffic													
			o) Un - even road													
			p) Slippery road													
			q) Loose chippings													
			r) Dual carriageway ends													
			s) Diversion													
			t) Do not enter													
			u) Road closed													
			v) Stop													
			w) Slow													
			x) One way													
			y) Give way													
			z) Overtaking prohibited													
			aa) Speed limit													
			bb) Weight limit													
			cc) Height and length limit													

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.42			Safety Devices and Signs in Construction Zones													
			Provision and fixing of traffic signs for limited period at suitable locations in construction zone comprising of warning zone, approach transition zone, working zone and terminal transition zone with a minimum distance of 60 cm from the edge of the kerb in case of kerbed roads and 2 to 3 m from the edge of the carriageway in case of un-kerbed roads, the bottom edge of the lowest sign plate to be not less than 2 m above the road level, fixed on 60 mm x 60 mm x 6 mm angle iron post, founded and installed as per approved design and drawings, removed and disposed of after completion of construction work, all as per IRC:SP:55-2001													
			Unit = each													
			Taking output = one sign post													
			Following types of signs are required to be fixed in construction zones for safety of traffic													
			a) Diversion one km ahead													
			b) Traffic sign ahead													
			c) Road ahead closed													
			d) Men at work													
			e) Road narrow													
			f) Single file traffic													
			g) Right lane diverted													
			h) Left lane diverted													
			i) Right lane closed													
			j) Left lane closed													
			k) Median closed													
			l) Diversion to other carriageway													
			m) Traffic signal ahead													
			n) Two way traffic													
			o) Un - even road													
			p) Slippery road													
			q) Loose chippings													
			r) Dual carriageway ends													
			s) Diversion													
			t) Do not enter													
			u) Road closed													
			v) Stop													
			w) Slow													
			x) One way													
			y) Give way													
			z) Overtaking prohibited													
			aa) Speed limit													
			bb) Weight limit													
			cc) Height and length limit													

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.42			Safety Devices and Signs in Construction Zones													
			Provision and fixing of traffic signs for limited period at suitable locations in construction zone comprising of warning zone, approach transition zone, working zone and terminal transition zone with a minimum distance of 60 cm from the edge of the kerb in case of kerbed roads and 2 to 3 m from the edge of the carriageway in case of un-kerbed roads, the bottom edge of the lowest sign plate to be not less than 2 m above the road level, fixed on 60 mm x 60 mm x 6 mm angle iron post, founded and installed as per approved design and drawings, removed and disposed of after completion of construction work, all as per IRC:SP:55-2001													
			Unit = each													
			Taking output = one sign post													
			Following types of signs are required to be fixed in construction zones for safety of traffic													
			a) Diversion one km ahead													
			b) Traffic sign ahead													
			c) Road ahead closed													
			d) Men at work													
			e) Road narrow													
			f) Single file traffic													
			g) Right lane diverted													
			h) Left lane diverted													
			i) Right lane closed													
			j) Left lane closed													
			k) Median closed													
			l) Diversion to other carriageway													
			m) Traffic signal ahead													
			n) Two way traffic													
			o) Un - even road													
			p) Slippery road													
			q) Loose chippings													
			r) Dual carriageway ends													
			s) Diversion													
			t) Do not enter													
			u) Road closed													
			v) Stop													
			w) Slow													
			x) One way													
			y) Give way													
			z) Overtaking prohibited													
			aa) Speed limit													
			bb) Weight limit													
			cc) Height and length limit													

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.42			Safety Devices and Signs in Construction Zones													
			Provision and fixing of traffic signs for limited period at suitable locations in construction zone comprising of warning zone, approach transition zone, working zone and terminal transition zone with a minimum distance of 60 cm from the edge of the kerb in case of kerbed roads and 2 to 3 m from the edge of the carriageway in case of un-kerbed roads, the bottom edge of the lowest sign plate to be not less than 2 m above the road level, fixed on 60 mm x 60 mm x 6 mm angle iron post, founded and installed as per approved design and drawings, removed and disposed of after completion of construction work, all as per IRC:SP:55-2001													
			Unit = each													
			Taking output = one sign post													
			Following types of signs are required to be fixed in construction zones for safety of traffic													
			a) Diversion one km ahead													
			b) Traffic sign ahead													
			c) Road ahead closed													
			d) Men at work													
			e) Road narrow													
			f) Single file traffic													
			g) Right lane diverted													
			h) Left lane diverted													
			i) Right lane closed													
			j) Left lane closed													
			k) Median closed													
			l) Diversion to other carriageway													
			m) Traffic signal ahead													
			n) Two way traffic													
			o) Un - even road													
			p) Slippery road													
			q) Loose chippings													
			r) Dual carriageway ends													
			s) Diversion													
			t) Do not enter													
			u) Road closed													
			v) Stop													
			w) Slow													
			x) One way													
			y) Give way													
			z) Overtaking prohibited													
			aa) Speed limit													
			bb) Weight limit													
			cc) Height and length limit													

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.42			Safety Devices and Signs in Construction Zones													
			Provision and fixing of traffic signs for limited period at suitable locations in construction zone comprising of warning zone, approach transition zone, working zone and terminal transition zone with a minimum distance of 60 cm from the edge of the kerb in case of kerbed roads and 2 to 3 m from the edge of the carriageway in case of un-kerbed roads, the bottom edge of the lowest sign plate to be not less than 2 m above the road level, fixed on 60 mm x 60 mm x 6 mm angle iron post, founded and installed as per approved design and drawings, removed and disposed of after completion of construction work, all as per IRC:SP:55-2001													
			Unit = each													
			Taking output = one sign post													
			Following types of signs are required to be fixed in construction zones for safety of traffic													
			a) Diversion one km ahead													
			b) Traffic sign ahead													
			c) Road ahead closed													
			d) Men at work													
			e) Road narrow													
			f) Single file traffic													
			g) Right lane diverted													
			h) Left lane diverted													
			i) Right lane closed													
			j) Left lane closed													
			k) Median closed													
			l) Diversion to other carriageway													
			m) Traffic signal ahead													
			n) Two way traffic													
			o) Un - even road													
			p) Slippery road													
			q) Loose chippings													
			r) Dual carriageway ends													
			s) Diversion													
			t) Do not enter													
			u) Road closed													
			v) Stop													
			w) Slow													
			x) One way													
			y) Give way													
			z) Overtaking prohibited													
			aa) Speed limit													
			bb) Weight limit													
			cc) Height and length limit													

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			dd) No stopping or standing													
			ee) Any other warning or regulatory safety sign as per site requirement and consistent with IRC:SP:55-2001 and IRC:67													
			The rate for traffic signs are already worked out and given elsewhere in this chapter. The same may be adopted.													
B 8.43			Portable Barricade in Construction Zone													
			Installation of a steel portable barricade with horizontal rail 300 mm wide, 2.5 m in length fitted on a 'A' frame made with 45 x 45 x 5 mm angle iron section, 1.5 m in height, horizontal rail painted (2 coats) with yellow and white stripes, 150 mm in width at an angle of 450, 'A' frame painted with 2 coats of yellow paint, complete as per IRC:SP:55-2001	Each	4905.00	4824.60	4744.20	4593.60	4518.30	4443.00	4862.40	4782.70	4703.00	4551.00	4476.40	4401.80
B 8.44			Permanent Type Barricade in Construction Zone													
	A		With steel components													
			Construction of a permanent type barricade made of steel components, 1.5 m high from road level, fitted with 3 horizontal rails 200 mm wide and 4 m long on 50 x 50 x 5 mm angle iron vertical support, painted with yellow and white strips, 150 mm in width at an angle of 450, complete as per IRC:SP:55-2001	Each	7435.00	7313.10	7191.20	7062.00	6946.20	6830.50	7362.80	7242.10	7121.40	6989.80	6875.30	6760.70
	B		With wooden components													
			Construction of a permanent type barricade made of wooden components, 1.5 m high from road level, fitted with 3 horizontal planks 200 mm wide and 3.66 m long on 100 x 100mm wooden vertical post, painted with yellow and white strips, 150 mm in width at an angle of 450, complete as per IRC:SP:55-2001	Each	8038.30	7906.50	7774.80	7565.10	7441.10	7317.10	8038.30	7906.50	7774.80	7565.10	7441.10	7317.10
	C		With bricks													
			Construction of a permanent type barricade made with brick work in mud mortar, 1.5 m high, 4 m long, 600 mm thick, plastered with cement mortar 1:6, painted with yellow and white strips	Each	34580.40	34013.50	33446.60	265057.90	260712.70	256367.50	30425.10	29926.30	29427.60	248548.10	244473.60	240399.00
B 8.45			Drum Delineator in Construction Zone													
			Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001	Each	913.40	898.40	883.50	768.50	755.90	743.30	891.60	877.00	862.40	746.80	734.50	722.30
B 8.46			Water Filled Barricades Work Zone Sheeting													
			Providing water filled barricades made up of LDPE to segregate the vehicular movement and work zone as per IRC SP 55 shall be in Trapezoidal shape 800mm to 1000mm in length, 700mm in height for Major roads and expressway and 500mm tall for other roads with interlocking arrangements, to be placed 0.5 m from the edge of the carriageway for expressway and 0.3 m for other roads. It should have reboundable work zone sheeting as per ASTM D 4956 S2	Each	5776.70	5682.00	5587.30	5716.30	5622.60	5528.90	5414.70	5325.90	5237.20	5354.30	5266.50	5178.70

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			dd) No stopping or standing													
			ee) Any other warning or regulatory safety sign as per site requirement and consistent with IRC:SP:55-2001 and IRC:67													
			The rate for traffic signs are already worked out and given elsewhere in this chapter. The same may be adopted.													
B 8.43			Portable Barricade in Construction Zone													
			Installation of a steel portable barricade with horizontal rail 300 mm wide, 2.5 m in length fitted on a 'A' frame made with 45 x 45 x 5 mm angle iron section, 1.5 m in height, horizontal rail painted (2 coats) with yellow and white stripes, 150 mm in width at an angle of 450, 'A' frame painted with 2 coats of yellow paint, complete as per IRC:SP:55-2001	Each	4905.00	4824.60	4744.20	4593.60	4518.30	4443.00	4994.60	4912.70	4830.90	4683.20	4606.40	4529.70
B 8.44			Permanent Type Barricade in Construction Zone													
	A		With steel components													
			Construction of a permanent type barricade made of steel components, 1.5 m high from road level, fitted with 3 horizontal rails 200 mm wide and 4 m long on 50 x 50 x 5 mm angle iron vertical support, painted with yellow and white strips, 150 mm in width at an angle of 450, complete as per IRC:SP:55-2001	Each	7435.00	7313.10	7191.20	7062.00	6946.20	6830.50	7582.80	7458.50	7334.20	7209.90	7091.70	6973.50
	B		With wooden components													
			Construction of a permanent type barricade made of wooden components, 1.5 m high from road level, fitted with 3 horizontal planks 200 mm wide and 3.66 m long on 100 x 100mm wooden vertical post, painted with yellow and white strips, 150 mm in width at an angle of 450, complete as per IRC:SP:55-2001	Each	8038.30	7906.50	7774.80	7565.10	7441.10	7317.10	8038.30	7906.50	7774.80	7565.10	7441.10	7317.10
	C		With bricks													
			Construction of a permanent type barricade made with brick work in mud mortar, 1.5 m high, 4 m long, 600 mm thick, plastered with cement mortar 1:6, painted with yellow and white strips	Each	34580.40	34013.50	33446.60	265057.90	260712.70	256367.50	43725.10	43008.30	42291.50	315281.30	310112.70	304944.20
B 8.45			Drum Delineator in Construction Zone													
			Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001	Each	913.40	898.40	883.50	768.50	755.90	743.30	935.20	919.90	904.50	790.30	777.40	764.40
B 8.46			Water Filled Barricades Work Zone Sheeting													
			Providing water filled barricades made up of LDPE to segregate the vehicular movement and work zone as per IRC SP 55 shall be in Trapezoidal shape 800mm to 1000mm in length, 700mm in height for Major roads and expressway and 500mm tall for other roads with interlocking arrangements, to be placed 0.5 m from the edge of the carriageway for expressway and 0.3 m for other roads. It should have reboundable work zone sheeting as per ASTM D 4956 S2	Each	5776.70	5682.00	5587.30	5716.30	5622.60	5528.90	6138.70	6038.10	5937.50	6078.30	5978.70	5879.00

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			dd) No stopping or standing													
			ee) Any other warning or regulatory safety sign as per site requirement and consistent with IRC:SP:55-2001 and IRC:67													
			The rate for traffic signs are already worked out and given elsewhere in this chapter. The same may be adopted.													
B 8.43			Portable Barricade in Construction Zone													
			Installation of a steel portable barricade with horizontal rail 300 mm wide, 2.5 m in length fitted on a 'A' frame made with 45 x 45 x 5 mm angle iron section, 1.5 m in height, horizontal rail painted (2 coats) with yellow and white stripes, 150 mm in width at an angle of 450, 'A' frame painted with 2 coats of yellow paint, complete as per IRC:SP:55-2001	Each	5079.00	4995.80	4912.50	4767.60	4689.50	4611.30	5059.60	4976.60	4893.70	4748.10	4670.30	4592.50
B 8.44			Permanent Type Barricade in Construction Zone													
	A		With steel components													
			Construction of a permanent type barricade made of steel components, 1.5 m high from road level, fitted with 3 horizontal rails 200 mm wide and 4 m long on 50 x 50 x 5 mm angle iron vertical support, painted with yellow and white strips, 150 mm in width at an angle of 450, complete as per IRC:SP:55-2001	Each	7725.40	7598.80	7472.10	7352.50	7231.90	7111.40	7692.50	7566.40	7440.30	7319.60	7199.60	7079.60
	B		With wooden components													
			Construction of a permanent type barricade made of wooden components, 1.5 m high from road level, fitted with 3 horizontal planks 200 mm wide and 3.66 m long on 100 x 100mm wooden vertical post, painted with yellow and white strips, 150 mm in width at an angle of 450, complete as per IRC:SP:55-2001	Each	8038.30	7906.50	7774.80	7565.10	7441.10	7317.10	8038.30	7906.50	7774.80	7565.10	7441.10	7317.10
	C		With bricks													
			Construction of a permanent type barricade made with brick work in mud mortar, 1.5 m high, 4 m long, 600 mm thick, plastered with cement mortar 1:6, painted with yellow and white strips	Each	52171.20	51315.90	50460.70	355849.00	350015.40	344181.90	50222.10	49398.80	48575.50	346487.20	340807.10	335127.00
B 8.45			Drum Delineator in Construction Zone													
			Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001	Each	975.60	959.60	943.70	830.80	817.10	803.50	966.30	950.50	934.60	821.40	808.00	794.50
B 8.46			Water Filled Barricades Work Zone Sheeting													
			Providing water filled barricades made up of LDPE to segregate the vehicular movement and work zone as per IRC SP 55 shall be in Trapezoidal shape 800mm to 1000mm in length, 700mm in height for Major roads and expressway and 500mm tall for other roads with interlocking arrangements, to be placed 0.5 m from the edge of the carriageway for expressway and 0.3 m for other roads. It should have reboundable work zone sheeting as per ASTM D 4956 S2	Each	6811.00	6699.40	6587.70	6750.60	6639.90	6529.30	6655.90	6546.80	6437.70	6595.50	6487.30	6379.20

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			dd) No stopping or standing													
			ee) Any other warning or regulatory safety sign as per site requirement and consistent with IRC:SP:55-2001 and IRC:67													
			The rate for traffic signs are already worked out and given elsewhere in this chapter. The same may be adopted.													
B 8.43			Portable Barricade in Construction Zone													
			Installation of a steel portable barricade with horizontal rail 300 mm wide, 2.5 m in length fitted on a 'A' frame made with 45 x 45 x 5 mm angle iron section, 1.5 m in height, horizontal rail painted (2 coats) with yellow and white stripes, 150 mm in width at an angle of 450, 'A' frame painted with 2 coats of yellow paint, complete as per IRC:SP:55-2001	Each	4931.20	4850.40	4769.50	4619.80	4544.00	4468.30	5106.20	5022.50	4938.80	4794.80	4716.20	4637.60
B 8.44			Permanent Type Barricade in Construction Zone													
	A		With steel components													
			Construction of a permanent type barricade made of steel components, 1.5 m high from road level, fitted with 3 horizontal rails 200 mm wide and 4 m long on 50 x 50 x 5 mm angle iron vertical support, painted with yellow and white strips, 150 mm in width at an angle of 450, complete as per IRC:SP:55-2001	Each	7478.20	7355.60	7233.00	7105.20	6988.70	6872.20	7769.60	7642.20	7514.90	7396.60	7275.40	7154.10
	B		With wooden components													
			Construction of a permanent type barricade made of wooden components, 1.5 m high from road level, fitted with 3 horizontal planks 200 mm wide and 3.66 m long on 100 x 100mm wooden vertical post, painted with yellow and white strips, 150 mm in width at an angle of 450, complete as per IRC:SP:55-2001	Each	8038.30	7906.50	7774.80	7565.10	7441.10	7317.10	8038.30	7906.50	7774.80	7565.10	7441.10	7317.10
	C		With bricks													
			Construction of a permanent type barricade made with brick work in mud mortar, 1.5 m high, 4 m long, 600 mm thick, plastered with cement mortar 1:6, painted with yellow and white strips	Each	36598.40	35998.40	35398.40	280974.70	276368.50	271762.40	55406.40	54498.10	53589.80	371438.70	365349.50	359260.40
B 8.45			Drum Delineator in Construction Zone													
			Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001	Each	919.60	904.60	889.50	774.80	762.10	749.40	978.80	962.70	946.70	833.90	820.20	806.50
B 8.46			Water Filled Barricades Work Zone Sheeting													
			Providing water filled barricades made up of LDPE to segregate the vehicular movement and work zone as per IRC SP 55 shall be in Trapezoidal shape 800mm to 1000mm in length, 700mm in height for Major roads and expressway and 500mm tall for other roads with interlocking arrangements, to be placed 0.5 m from the edge of the carriageway for expressway and 0.3 m for other roads. It should have reboundable work zone sheeting as per ASTM D 4956 S2	Each	5880.20	5783.80	5687.40	5819.70	5724.30	5628.90	6862.80	6750.30	6637.80	6802.30	6690.80	6579.30

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			dd) No stopping or standing													
			ee) Any other warning or regulatory safety sign as per site requirement and consistent with IRC:SP:55-2001 and IRC:67													
			The rate for traffic signs are already worked out and given elsewhere in this chapter. The same may be adopted.													
B 8.43			Portable Barricade in Construction Zone													
			Installation of a steel portable barricade with horizontal rail 300 mm wide, 2.5 m in length fitted on a 'A' frame made with 45 x 45 x 5 mm angle iron section, 1.5 m in height, horizontal rail painted (2 coats) with yellow and white stripes, 150 mm in width at an angle of 450, 'A' frame painted with 2 coats of yellow paint, complete as per IRC:SP:55-2001	Each	4963.50	4882.10	4800.80	4652.10	4575.80	4499.50	5001.30	4919.30	4837.30	4689.90	4613.00	4536.10
B 8.44			Permanent Type Barricade in Construction Zone													
	A		With steel components													
			Construction of a permanent type barricade made of steel components, 1.5 m high from road level, fitted with 3 horizontal rails 200 mm wide and 4 m long on 50 x 50 x 5 mm angle iron vertical support, painted with yellow and white strips, 150 mm in width at an angle of 450, complete as per IRC:SP:55-2001	Each	7530.60	7407.20	7283.70	7157.70	7040.30	6923.00	7596.20	7471.60	7347.10	7223.20	7104.80	6986.40
	B		With wooden components													
			Construction of a permanent type barricade made of wooden components, 1.5 m high from road level, fitted with 3 horizontal planks 200 mm wide and 3.66 m long on 100 x 100mm wooden vertical post, painted with yellow and white strips, 150 mm in width at an angle of 450, complete as per IRC:SP:55-2001	Each	8038.30	7906.50	7774.80	7565.10	7441.10	7317.10	8038.30	7906.50	7774.80	7565.10	7441.10	7317.10
	C		With bricks													
			Construction of a permanent type barricade made with brick work in mud mortar, 1.5 m high, 4 m long, 600 mm thick, plastered with cement mortar 1:6, painted with yellow and white strips	Each	40479.90	39816.30	39152.70	299681.60	294768.80	289856.00	43741.80	43024.70	42307.60	315297.90	310129.10	304960.30
B 8.45			Drum Delineator in Construction Zone													
			Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001	Each	922.80	907.60	892.50	777.90	765.10	752.40	950.80	935.20	919.60	805.90	792.70	779.40
B 8.46			Water Filled Barricades Work Zone Sheeting													
			Providing water filled barricades made up of LDPE to segregate the vehicular movement and work zone as per IRC SP 55 shall be in Trapezoidal shape 800mm to 1000mm in length, 700mm in height for Major roads and expressway and 500mm tall for other roads with interlocking arrangements, to be placed 0.5 m from the edge of the carriageway for expressway and 0.3 m for other roads. It should have reboundable work zone sheeting as per ASTM D 4956 S2	Each	5931.90	5834.60	5737.40	5871.40	5775.20	5678.90	6397.30	6292.40	6187.60	6336.90	6233.00	6129.10

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			dd) No stopping or standing													
			ee) Any other warning or regulatory safety sign as per site requirement and consistent with IRC:SP:55-2001 and IRC:67													
			The rate for traffic signs are already worked out and given elsewhere in this chapter. The same may be adopted.													
B 8.43			Portable Barricade in Construction Zone													
			Installation of a steel portable barricade with horizontal rail 300 mm wide, 2.5 m in length fitted on a 'A' frame made with 45 x 45 x 5 mm angle iron section, 1.5 m in height, horizontal rail painted (2 coats) with yellow and white stripes, 150 mm in width at an angle of 450, 'A' frame painted with 2 coats of yellow paint, complete as per IRC:SP:55-2001	Each	5258.80	5172.60	5086.40	4947.40	4866.30	4785.20	5173.40	5088.60	5003.80	4862.00	4782.30	4702.60
B 8.44			Permanent Type Barricade in Construction Zone													
	A		With steel components													
			Construction of a permanent type barricade made of steel components, 1.5 m high from road level, fitted with 3 horizontal rails 200 mm wide and 4 m long on 50 x 50 x 5 mm angle iron vertical support, painted with yellow and white strips, 150 mm in width at an angle of 450, complete as per IRC:SP:55-2001	Each	8020.50	7889.00	7757.50	7647.50	7522.10	7396.80	7879.90	7750.70	7621.60	7507.00	7383.90	7260.80
	B		With wooden components													
			Construction of a permanent type barricade made of wooden components, 1.5 m high from road level, fitted with 3 horizontal planks 200 mm wide and 3.66 m long on 100 x 100mm wooden vertical post, painted with yellow and white strips, 150 mm in width at an angle of 450, complete as per IRC:SP:55-2001	Each	8038.30	7906.50	7774.80	7565.10	7441.10	7317.10	8038.30	7906.50	7774.80	7565.10	7441.10	7317.10
	C		With bricks													
			Construction of a permanent type barricade made with brick work in mud mortar, 1.5 m high, 4 m long, 600 mm thick, plastered with cement mortar 1:6, painted with yellow and white strips	Each	72891.60	71696.70	70501.70	455638.20	448168.70	440699.20	63176.10	62140.40	61104.80	408859.20	402156.60	395454.00
B 8.45			Drum Delineator in Construction Zone													
			Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001	Each	1009.90	993.30	976.80	865.00	850.80	836.60	991.20	974.90	958.70	846.30	832.40	818.60
B 8.46			Water Filled Barricades Work Zone Sheeting													
			Providing water filled barricades made up of LDPE to segregate the vehicular movement and work zone as per IRC SP 55 shall be in Trapezoidal shape 800mm to 1000mm in length, 700mm in height for Major roads and expressway and 500mm tall for other roads with interlocking arrangements, to be placed 0.5 m from the edge of the carriageway for expressway and 0.3 m for other roads. It should have reboundable work zone sheeting as per ASTM D 4956 S2	Each	7379.90	7258.90	7138.00	7319.50	7199.50	7079.50	7069.60	6953.70	6837.80	7009.20	6894.30	6779.40

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.47			Tubular Marker/ Spring post 450 mm													
			Providing Tubular Marker made up of Polyurethene used to divide opposing lanes of road users shall be flexible in nature. Tubular markers having height upto 450mm shall be having 75mm reboundable work zone retrorreflective sheeting as per ASTM 4956 S2. Application of Tubular Marker shall be done as per IRC SP 55	Each	1090.50	1072.60	1054.70	1030.00	1013.10	996.30	1035.00	1018.10	1001.10	974.60	958.60	942.60
B 8.48			Tubular Marker/ Spring post 700 mm													
			Providing Tubular Marker made up of Polyurethene used to divide opposing lanes of road users shall be flexible in nature. Tubular markers having height upto 700mm shall be having 75mm reboundable work zone retrorreflective sheeting as per ASTM 4956 S2. Application of Tubular Marker shall be done as per IRC SP 55	Each	1298.00	1276.70	1255.40	1237.50	1217.20	1197.00	1229.00	1208.80	1188.70	1168.50	1149.40	1130.20
B 8.49			Flagman													
			Positioning of a smart flagman with a yellow vest and a yellow cap and a red flag 600 x 600 mm securely fastened to a staff 1 m in length for guiding the traffic	Each	1044.40	1027.30	1010.20	803.40	790.20	777.10	1039.70	1022.60	1005.60	798.60	785.60	772.50
B 8.50			Advanced Traffic Management Systems (ATMS)													
			Work shall cover design, supply, installation, commissioning and/or operation and maintenance of ATMS (which is one of the components of Intelligent Transport System- ITS). The system would include outdoor equipment including emergency call boxes, variable message sign systems, meterological data system, close circuit TV camera (CCTV) system, traffic volume counting and classification system and transmission system. The indoor equipment would comprise of a large display board, central computer with Network Management System (NMS), CCTV monitor system, call center system or management of emergency call boxes housed in control center with uninterrupted power supply													
B 8.51			Fibre Reinforced Cement Concrete new jersey Crash Barrier													
	A		Provision of a Reinforced Cement concrete crash barrier at the edges of the road, approaches to bridge structures and medians, constructed with RCC with Fibre steel and as per details given in IRC-5 (Fig:5b) including dowel bars 25mm dia, 450mm long at expansion joints filled with premoulded asphalt filler board etc, as per approved drawing and at locations directed by the Engineer, all as specified (Area = 0.243 sqm/meter, Single face)	Metre	3972.60	3907.50	3842.40	3911.00	3846.90	3782.80	3743.00	3681.70	3620.30	3681.40	3621.00	3560.70
	B		Provision of a Reinforced Cement concrete crash barrier at the edges of the road, approaches to bridge structures and medians, constructed with RCC with Fibre steel and as per details given in IRC-119 (Fig:26) including dowel bars 25mm dia, 450mm long at expansion joints filled with premoulded asphalt filler board etc, as per approved drawing and at locations directed by the Engineer, all as specified (Area = 0.261 sqm/meter, Double face)	Metre	4265.30	4195.40	4125.50	4200.00	4131.20	4062.30	4018.60	3952.70	3886.80	3953.30	3888.50	3823.70

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.47			Tubular Marker/ Spring post 450 mm													
			Providing Tubular Marker made up of Polyurethene used to divide opposing lanes of road users shall be flexible in nature. Tubular markers having height upto 450mm shall be having 75mm reboundable work zone retrorreflective sheeting as per ASTM 4956 S2. Application of Tubular Marker shall be done as per IRC SP 55	Each	1090.50	1072.60	1054.70	1030.00	1013.10	996.30	1145.90	1127.10	1108.30	1085.50	1067.70	1049.90
B 8.48			Tubular Marker/ Spring post 700 mm													
			Providing Tubular Marker made up of Polyurethene used to divide opposing lanes of road users shall be flexible in nature. Tubular markers having height upto 700mm shall be having 75mm reboundable work zone retrorreflective sheeting as per ASTM 4956 S2. Application of Tubular Marker shall be done as per IRC SP 55	Each	1298.00	1276.70	1255.40	1237.50	1217.20	1197.00	1367.00	1344.60	1322.20	1306.50	1285.10	1263.70
B 8.49			Flagman													
			Positioning of a smart flagman with a yellow vest and a yellow cap and a red flag 600 x 600 mm securely fastened to a staff 1 m in length for guiding the traffic	Each	1044.40	1027.30	1010.20	803.40	790.20	777.10	1049.20	1032.00	1014.80	808.10	794.90	781.70
B 8.50			Advanced Traffic Management Systems (ATMS)													
			Work shall cover design, supply, installation, commissioning and/or operation and maintenance of ATMS (which is one of the components of Intelligent Transport System- ITS). The system would include outdoor equipment including emergency call boxes, variable message sign systems, meterological data system, close circuit TV camera (CCTV) system, traffic volume counting and classification system and transmission system. The indoor equipment would comprise of a large display board, central computer with Network Management System (NMS), CCTV monitor system, call center system or management of emergency call boxes housed in control center with uninterrupted power supply													
B 8.51			Fibre Reinforced Cement Concrete new jersey Crash Barrier													
	A		Provision of a Reinforced Cement concrete crash barrier at the edges of the road, approaches to bridge structures and medians, constructed with RCC with Fibre steel and as per details given in IRC-5 (Fig:5b) including dowel bars 25mm dia, 450mm long at expansion joints filled with premoulded asphalt filler board etc, as per approved drawing and at locations directed by the Engineer, all as specified (Area = 0.243 sqm/meter, Single face)	Metre	3972.60	3907.50	3842.40	3911.00	3846.90	3782.80	4490.10	4416.50	4342.90	4428.50	4355.90	4283.30
	B		Provision of a Reinforced Cement concrete crash barrier at the edges of the road, approaches to bridge structures and medians, constructed with RCC with Fibre steel and as per details given in IRC-119 (Fig:26) including dowel bars 25mm dia, 450mm long at expansion joints filled with premoulded asphalt filler board etc, as per approved drawing and at locations directed by the Engineer, all as specified (Area = 0.261 sqm/meter, Double face)	Metre	4265.30	4195.40	4125.50	4200.00	4131.20	4062.30	4821.30	4742.30	4663.20	4756.00	4678.00	4600.10

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.47			Tubular Marker/ Spring post 450 mm													
			Providing Tubular Marker made up of Polyurethene used to divide opposing lanes of road users shall be flexible in nature. Tubular markers having height upto 450mm shall be having 75mm reboundable work zone retrorreflective sheeting as per ASTM 4956 S2. Application of Tubular Marker shall be done as per IRC SP 55	Each	1248.80	1228.40	1207.90	1188.40	1168.90	1149.40	1225.10	1205.00	1184.90	1164.60	1145.60	1126.50
B 8.48			Tubular Marker/ Spring post 700 mm													
			Providing Tubular Marker made up of Polyurethene used to divide opposing lanes of road users shall be flexible in nature. Tubular markers having height upto 700mm shall be having 75mm reboundable work zone retrorreflective sheeting as per ASTM 4956 S2. Application of Tubular Marker shall be done as per IRC SP 55	Each	1495.10	1470.60	1446.10	1434.70	1411.20	1387.70	1465.60	1441.50	1417.50	1405.10	1382.10	1359.10
B 8.49			Flagman													
			Positioning of a smart flagman with a yellow vest and a yellow cap and a red flag 600 x 600 mm securely fastened to a staff 1 m in length for guiding the traffic	Each	1058.00	1040.60	1023.30	817.00	803.60	790.20	1055.90	1038.60	1021.30	814.90	801.60	788.20
B 8.50			Advanced Traffic Management Systems (ATMS)													
			Work shall cover design, supply, installation, commissioning and/or operation and maintenance of ATMS (which is one of the components of Intelligent Transport System- ITS). The system would include outdoor equipment including emergency call boxes, variable message sign systems, meterological data system, close circuit TV camera (CCTV) system, traffic volume counting and classification system and transmission system. The indoor equipment would comprise of a large display board, central computer with Network Management System (NMS), CCTV monitor system, call center system or management of emergency call boxes housed in control center with uninterrupted power supply													
B 8.51			Fibre Reinforced Cement Concrete new jersey Crash Barrier													
	A		Provision of a Reinforced Cement concrete crash barrier at the edges of the road, approaches to bridge structures and medians, constructed with RCC with Fibre steel and as per details given in IRC-5 (Fig:5b) including dowel bars 25mm dia, 450mm long at expansion joints filled with premoulded asphalt filler board etc, as per approved drawing and at locations directed by the Engineer, all as specified (Area = 0.243 sqm/meter, Single face)	Metre	4988.30	4906.50	4824.70	4926.60	4845.90	4765.10	4873.30	4793.40	4713.50	4811.70	4732.80	4653.90
	B		Provision of a Reinforced Cement concrete crash barrier at the edges of the road, approaches to bridge structures and medians, constructed with RCC with Fibre steel and as per details given in IRC-119 (Fig:26) including dowel bars 25mm dia, 450mm long at expansion joints filled with premoulded asphalt filler board etc, as per approved drawing and at locations directed by the Engineer, all as specified (Area = 0.261 sqm/meter, Double face)	Metre	5356.60	5268.80	5181.00	5291.30	5204.60	5117.80	5233.10	5147.30	5061.50	5167.80	5083.10	4998.30

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.47			Tubular Marker/ Spring post 450 mm													
			Providing Tubular Marker made up of Polyurethene used to divide opposing lanes of road users shall be flexible in nature. Tubular markers having height upto 450mm shall be having 75mm reboundable work zone retrorreflective sheeting as per ASTM 4956 S2. Application of Tubular Marker shall be done as per IRC SP 55	Each	1106.30	1088.20	1070.00	1045.90	1028.70	1011.60	1256.80	1236.20	1215.50	1196.30	1176.70	1157.10
B 8.48			Tubular Marker/ Spring post 700 mm													
			Providing Tubular Marker made up of Polyurethene used to divide opposing lanes of road users shall be flexible in nature. Tubular markers having height upto 700mm shall be having 75mm reboundable work zone retrorreflective sheeting as per ASTM 4956 S2. Application of Tubular Marker shall be done as per IRC SP 55	Each	1317.70	1296.10	1274.50	1257.30	1236.60	1216.00	1505.00	1480.30	1455.60	1444.60	1420.90	1397.20
B 8.49			Flagman													
			Positioning of a smart flagman with a yellow vest and a yellow cap and a red flag 600 x 600 mm securely fastened to a staff 1 m in length for guiding the traffic	Each	1045.80	1028.60	1011.50	804.80	791.60	778.40	1058.70	1041.30	1024.00	817.70	804.20	790.80
B 8.50			Advanced Traffic Management Systems (ATMS)													
			Work shall cover design, supply, installation, commissioning and/or operation and maintenance of ATMS (which is one of the components of Intelligent Transport System- ITS). The system would include outdoor equipment including emergency call boxes, variable message sign systems, meterological data system, close circuit TV camera (CCTV) system, traffic volume counting and classification system and transmission system. The indoor equipment would comprise of a large display board, central computer with Network Management System (NMS), CCTV monitor system, call center system or management of emergency call boxes housed in control center with uninterrupted power supply													
B 8.51			Fibre Reinforced Cement Concrete new jersey Crash Barrier													
	A		Provision of a Reinforced Cement concrete crash barrier at the edges of the road, approaches to bridge structures and medians, constructed with RCC with Fibre steel and as per details given in IRC-5 (Fig:5b) including dowel bars 25mm dia, 450mm long at expansion joints filled with premoulded asphalt filler board etc, as per approved drawing and at locations directed by the Engineer, all as specified (Area = 0.243 sqm/meter, Single face)	Metre	4117.90	4050.40	3982.90	4056.30	3989.80	3923.30	5147.00	5062.60	4978.20	5085.30	5002.00	4918.60
	B		Provision of a Reinforced Cement concrete crash barrier at the edges of the road, approaches to bridge structures and medians, constructed with RCC with Fibre steel and as per details given in IRC-119 (Fig:26) including dowel bars 25mm dia, 450mm long at expansion joints filled with premoulded asphalt filler board etc, as per approved drawing and at locations directed by the Engineer, all as specified (Area = 0.261 sqm/meter, Double face)	Metre	4421.50	4349.00	4276.50	4356.20	4284.80	4213.30	5527.10	5436.50	5345.90	5461.80	5372.20	5282.70

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.47			Tubular Marker/ Spring post 450 mm													
			Providing Tubular Marker made up of Polyurethene used to divide opposing lanes of road users shall be flexible in nature. Tubular markers having height upto 450mm shall be having 75mm reboundable work zone retrorreflective sheeting as per ASTM 4956 S2. Application of Tubular Marker shall be done as per IRC SP 55	Each	1114.20	1095.90	1077.70	1053.80	1036.50	1019.20	1185.50	1166.00	1146.60	1125.10	1106.60	1088.20
B 8.48			Tubular Marker/ Spring post 700 mm													
			Providing Tubular Marker made up of Polyurethene used to divide opposing lanes of road users shall be flexible in nature. Tubular markers having height upto 700mm shall be having 75mm reboundable work zone retrorreflective sheeting as per ASTM 4956 S2. Application of Tubular Marker shall be done as per IRC SP 55	Each	1327.50	1305.80	1284.00	1267.10	1246.30	1225.60	1416.30	1393.00	1369.80	1355.80	1333.60	1311.40
B 8.49			Flagman													
			Positioning of a smart flagman with a yellow vest and a yellow cap and a red flag 600 x 600 mm securely fastened to a staff 1 m in length for guiding the traffic	Each	1046.40	1029.30	1012.10	805.40	792.20	779.00	1052.60	1035.30	1018.00	811.50	798.20	784.90
B 8.50			Advanced Traffic Management Systems (ATMS)													
			Work shall cover design, supply, installation, commissioning and/or operation and maintenance of ATMS (which is one of the components of Intelligent Transport System- ITS). The system would include outdoor equipment including emergency call boxes, variable message sign systems, meterological data system, close circuit TV camera (CCTV) system, traffic volume counting and classification system and transmission system. The indoor equipment would comprise of a large display board, central computer with Network Management System (NMS), CCTV monitor system, call center system or management of emergency call boxes housed in control center with uninterrupted power supply													
B 8.51			Fibre Reinforced Cement Concrete new jersey Crash Barrier													
	A		Provision of a Reinforced Cement concrete crash barrier at the edges of the road, approaches to bridge structures and medians, constructed with RCC with Fibre steel and as per details given in IRC-5 (Fig:5b) including dowel bars 25mm dia, 450mm long at expansion joints filled with premoulded asphalt filler board etc, as per approved drawing and at locations directed by the Engineer, all as specified (Area = 0.243 sqm/meter, Single face)	Metre	4306.70	4236.10	4165.50	4245.10	4175.50	4105.90	4531.20	4456.90	4382.70	4469.60	4396.30	4323.10
	B		Provision of a Reinforced Cement concrete crash barrier at the edges of the road, approaches to bridge structures and medians, constructed with RCC with Fibre steel and as per details given in IRC-119 (Fig:26) including dowel bars 25mm dia, 450mm long at expansion joints filled with premoulded asphalt filler board etc, as per approved drawing and at locations directed by the Engineer, all as specified (Area = 0.261 sqm/meter, Double face)	Metre	4624.30	4548.50	4472.70	4559.00	4484.20	4409.50	4865.60	4785.80	4706.00	4800.30	4721.60	4642.90

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 8.47			Tubular Marker/ Spring post 450 mm													
			Providing Tubular Marker made up of Polyurethene used to divide opposing lanes of road users shall be flexible in nature. Tubular markers having height upto 450mm shall be having 75mm reboundable work zone retrorreflective sheeting as per ASTM 4956 S2. Application of Tubular Marker shall be done as per IRC SP 55	Each	1335.90	1314.00	1292.10	1275.50	1254.60	1233.70	1288.40	1267.30	1246.20	1228.00	1207.90	1187.70
B 8.48			Tubular Marker/ Spring post 700 mm													
			Providing Tubular Marker made up of Polyurethene used to divide opposing lanes of road users shall be flexible in nature. Tubular markers having height upto 700mm shall be having 75mm reboundable work zone retrorreflective sheeting as per ASTM 4956 S2. Application of Tubular Marker shall be done as per IRC SP 55	Each	1603.60	1577.30	1551.00	1543.10	1517.80	1492.50	1544.40	1519.10	1493.80	1484.00	1459.70	1435.30
B 8.49			Flagman													
			Positioning of a smart flagman with a yellow vest and a yellow cap and a red flag 600 x 600 mm securely fastened to a staff 1 m in length for guiding the traffic	Each	1065.50	1048.00	1030.50	824.40	810.90	797.40	1061.40	1044.00	1026.60	820.40	806.90	793.50
B 8.50			Advanced Traffic Management Systems (ATMS)													
			Work shall cover design, supply, installation, commissioning and/or operation and maintenance of ATMS (which is one of the components of Intelligent Transport System- ITS). The system would include outdoor equipment including emergency call boxes, variable message sign systems, meterological data system, close circuit TV camera (CCTV) system, traffic volume counting and classification system and transmission system. The indoor equipment would comprise of a large display board, central computer with Network Management System (NMS), CCTV monitor system, call center system or management of emergency call boxes housed in control center with uninterrupted power supply													
B 8.51			Fibre Reinforced Cement Concrete new jersey Crash Barrier													
	A		Provision of a Reinforced Cement concrete crash barrier at the edges of the road, approaches to bridge structures and medians, constructed with RCC with Fibre steel and as per details given in IRC-5 (Fig:5b) including dowel bars 25mm dia, 450mm long at expansion joints filled with premoulded asphalt filler board etc, as per approved drawing and at locations directed by the Engineer, all as specified (Area = 0.243 sqm/meter, Single face)	Metre	6041.80	5942.70	5843.70	5980.20	5882.10	5784.10	5541.00	5450.20	5359.30	5479.40	5389.60	5299.70
	B		Provision of a Reinforced Cement concrete crash barrier at the edges of the road, approaches to bridge structures and medians, constructed with RCC with Fibre steel and as per details given in IRC-119 (Fig:26) including dowel bars 25mm dia, 450mm long at expansion joints filled with premoulded asphalt filler board etc, as per approved drawing and at locations directed by the Engineer, all as specified (Area = 0.261 sqm/meter, Double face)	Metre	6488.40	6382.00	6275.70	6423.10	6317.80	6212.50	5950.40	5852.90	5755.30	5885.10	5788.60	5692.10

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			09: PIPE CULVERTS													
B 9.01			Excavation for Structures													
			Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material.													
	I		Ordinary soil													
	A		<i>Manual Means</i>													
	(i)		Depth upto 3 m	Cum	255.80	251.60	247.40	255.80	251.60	247.40	255.80	251.60	247.40	255.80	251.60	247.40
	(ii)		Depth 3 m to 6 m	Cum	437.30	430.20	423.00	328.80	323.50	318.10	437.30	430.20	423.00	328.80	323.50	318.10
	(iii)		Depth above 6 m	Cum	583.10	573.60	564.00	438.50	431.30	424.10	583.10	573.60	564.00	438.50	431.30	424.10
	B		<i>Mechanical Means</i>													
	(i)		Depth upto 3 m	Cum	105.40	95.90	97.20	87.80	79.80	80.80	105.40	95.90	97.20	87.80	79.80	80.80
	(ii)		Depth 3 m to 6 m	Cum	115.80	105.50	106.90	96.40	87.60	88.80	115.80	105.50	106.90	96.40	87.60	88.80
	(iii)		Depth above 6 m	Cum	128.80	117.30	119.10	107.10	97.30	98.70	128.80	117.30	119.10	107.10	97.30	98.70
	II		Ordinary Rock (not requiring blasting)													
	A		<i>Manual Means</i>													
	(i)		Depth upto 3 m	Cum	365.40	359.40	353.40	365.40	359.40	353.40	365.40	359.40	353.40	365.40	359.40	353.40
	B		<i>Mechanical Means</i>	Cum	542.30	570.30	559.20	454.00	477.20	467.70	542.30	570.30	559.20	454.00	477.20	467.70
	III		Hard Rock (requiring blasting)													
	A		<i>Manual Means</i>	Cum	953.10	937.50	921.90	738.60	726.50	714.40	949.10	933.50	918.00	734.50	722.50	710.40
	B		<i>Mechanical Means</i>													
			Carrying out excavation in hard rock to achieve a specified slope of the rock face by controlled use of explosives and blasting accessories in properly aligned and spaced drill holes, collection of the excavated rock by a dozer, loading in tipper by a front end loader and disposing of the material will all lifts and lead upto 1000 m, all specified as in Clause 303	Cum	588.80	569.60	562.50	557.00	539.60	532.40	564.00	545.30	538.60	532.30	515.30	508.50
	IV		Hard Rock (blasting prohibited)													
	A		<i>Mechanical Means</i>	Cum	725.50	712.30	680.70	607.10	595.80	569.10	725.50	712.30	680.70	607.10	595.80	569.10
	V		Marshy Soil													
	A		<i>Manual Means - Depth upto 3m</i>	Cum	1172.70	1153.50	1134.30	885.20	870.70	856.20	1172.70	1153.50	1134.30	885.20	870.70	856.20
	B		<i>Mechanical Means</i>	Cum	290.10	261.00	253.60	259.30	234.20	227.60	285.00	255.90	248.60	254.20	229.20	222.70
B 9.02			Sand Filling in Foundation Trenches as per Drawing & Technical Specification	Cum	5802.20	5668.60	5562.50	5755.60	5641.00	5540.80	4837.40	4719.60	4629.30	4790.80	4692.00	4607.60
B 9.03			PCC 1:3:6 in Foundation													
		MF	Plain cement concrete 1:3:6 nominal mix in foundation with crushed stone aggregate 40 mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days.	Cum	8578.00	8381.10	8224.30	8196.60	8027.60	7883.70	8067.30	7878.80	7730.30	7685.90	7525.20	7389.80

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			09: PIPE CULVERTS													
B 9.01			Excavation for Structures													
			Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material.													
	I		Ordinary soil													
	A		<i>Manual Means</i>													
	(i)		Depth upto 3 m	Cum	255.80	251.60	247.40	255.80	251.60	247.40	255.80	251.60	247.40	255.80	251.60	247.40
	(ii)		Depth 3 m to 6 m	Cum	437.30	430.20	423.00	328.80	323.50	318.10	437.30	430.20	423.00	328.80	323.50	318.10
	(iii)		Depth above 6 m	Cum	583.10	573.60	564.00	438.50	431.30	424.10	583.10	573.60	564.00	438.50	431.30	424.10
	B		<i>Mechanical Means</i>													
	(i)		Depth upto 3 m	Cum	105.40	95.90	97.20	87.80	79.80	80.80	105.40	95.90	97.20	87.80	79.80	80.80
	(ii)		Depth 3 m to 6 m	Cum	115.80	105.50	106.90	96.40	87.60	88.80	115.80	105.50	106.90	96.40	87.60	88.80
	(iii)		Depth above 6 m	Cum	128.80	117.30	119.10	107.10	97.30	98.70	128.80	117.30	119.10	107.10	97.30	98.70
	II		Ordinary Rock (not requiring blasting)													
	A		<i>Manual Means</i>													
	(i)		Depth upto 3 m	Cum	365.40	359.40	353.40	365.40	359.40	353.40	365.40	359.40	353.40	365.40	359.40	353.40
	B		<i>Mechanical Means</i>	Cum	542.30	570.30	559.20	454.00	477.20	467.70	542.30	570.30	559.20	454.00	477.20	467.70
	III		Hard Rock (requiring blasting)													
	A		<i>Manual Means</i>	Cum	953.10	937.50	921.90	738.60	726.50	714.40	957.20	941.50	925.80	742.70	730.50	718.30
	B		<i>Mechanical Means</i>													
			Carrying out excavation in hard rock to achieve a specified slope of the rock face by controlled use of explosives and blasting accessories in properly aligned and spaced drill holes, collection of the excavated rock by a dozer, loading in tipper by a front end loader and disposing of the material will all lifts and lead upto 1000 m, all specified as in Clause 303	Cum	588.80	569.60	562.50	557.00	539.60	532.40	613.50	594.00	586.40	581.70	563.90	556.30
	IV		Hard Rock (blasting prohibited)													
	A		<i>Mechanical Means</i>	Cum	725.50	712.30	680.70	607.10	595.80	569.10	725.50	712.30	680.70	607.10	595.80	569.10
	V		Marshy Soil													
	A		<i>Manual Means - Depth upto 3m</i>	Cum	1172.70	1153.50	1134.30	885.20	870.70	856.20	1172.70	1153.50	1134.30	885.20	870.70	856.20
	B		<i>Mechanical Means</i>	Cum	290.10	261.00	253.60	259.30	234.20	227.60	295.20	266.00	258.50	264.40	239.20	232.50
B 9.02			Sand Filling in Foundation Trenches as per Drawing & Technical Specification	Cum	5802.20	5668.60	5562.50	5755.60	5641.00	5540.80	7982.50	7813.20	7671.30	7936.00	7785.60	7649.60
B 9.03			PCC 1:3:6 in Foundation													
		MF	Plain cement concrete 1:3:6 nominal mix in foundation with crushed stone aggregate 40 mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days.	Cum	8578.00	8381.10	8224.30	8196.60	8027.60	7883.70	10503.60	10275.10	10086.70	10122.10	9921.50	9746.10

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			09: PIPE CULVERTS													
B 9.01			Excavation for Structures													
			Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material.													
	I		Ordinary soil													
	A		<i>Manual Means</i>													
	(i)		Depth upto 3 m	Cum	255.80	251.60	247.40	255.80	251.60	247.40	255.80	251.60	247.40	255.80	251.60	247.40
	(ii)		Depth 3 m to 6 m	Cum	437.30	430.20	423.00	328.80	323.50	318.10	437.30	430.20	423.00	328.80	323.50	318.10
	(iii)		Depth above 6 m	Cum	583.10	573.60	564.00	438.50	431.30	424.10	583.10	573.60	564.00	438.50	431.30	424.10
	B		<i>Mechanical Means</i>													
	(i)		Depth upto 3 m	Cum	105.40	95.90	97.20	87.80	79.80	80.80	105.40	95.90	97.20	87.80	79.80	80.80
	(ii)		Depth 3 m to 6 m	Cum	115.80	105.50	106.90	96.40	87.60	88.80	115.80	105.50	106.90	96.40	87.60	88.80
	(iii)		Depth above 6 m	Cum	128.80	117.30	119.10	107.10	97.30	98.70	128.80	117.30	119.10	107.10	97.30	98.70
	II		Ordinary Rock (not requiring blasting)													
	A		<i>Manual Means</i>													
	(i)		Depth upto 3 m	Cum	365.40	359.40	353.40	365.40	359.40	353.40	365.40	359.40	353.40	365.40	359.40	353.40
	B		<i>Mechanical Means</i>	Cum	542.30	570.30	559.20	454.00	477.20	467.70	542.30	570.30	559.20	454.00	477.20	467.70
	III		Hard Rock (requiring blasting)													
	A		<i>Manual Means</i>	Cum	964.80	949.00	933.20	750.20	737.90	725.60	963.10	947.30	931.50	748.50	736.20	723.90
	B		<i>Mechanical Means</i>													
			Carrying out excavation in hard rock to achieve a specified slope of the rock face by controlled use of explosives and blasting accessories in properly aligned and spaced drill holes, collection of the excavated rock by a dozer, loading in tipper by a front end loader and disposing of the material will all lifts and lead upto 1000 m, all specified as in Clause 303	Cum	659.40	639.10	630.80	627.70	609.10	600.70	648.80	628.70	620.60	617.10	598.60	590.50
	IV		Hard Rock (blasting prohibited)													
	A		<i>Mechanical Means</i>	Cum	725.50	712.30	680.70	607.10	595.80	569.10	725.50	712.30	680.70	607.10	595.80	569.10
	V		Marshy Soil													
	A		<i>Manual Means - Depth upto 3m</i>	Cum	1172.70	1153.50	1134.30	885.20	870.70	856.20	1172.70	1153.50	1134.30	885.20	870.70	856.20
	B		<i>Mechanical Means</i>	Cum	304.60	275.30	267.60	273.80	248.50	241.70	302.40	273.10	265.50	271.60	246.40	239.60
B 9.02			Sand Filling in Foundation Trenches as per Drawing & Technical Specification	Cum	9977.70	9775.60	9601.00	9931.10	9748.00	9579.30	9517.30	9322.70	9155.70	9470.70	9295.20	9134.00
B 9.03			PCC 1:3:6 in Foundation													
		MF	Plain cement concrete 1:3:6 nominal mix in foundation with crushed stone aggregate 40 mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days.	Cum	11628.10	11381.20	11174.40	11246.70	11027.70	10833.80	11368.60	11126.00	10923.40	10987.20	10772.40	10582.80

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			09: PIPE CULVERTS													
B 9.01			Excavation for Structures													
			Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material.													
	I		Ordinary soil													
	A		<i>Manual Means</i>													
	(i)		Depth upto 3 m	Cum	255.80	251.60	247.40	255.80	251.60	247.40	255.80	251.60	247.40	255.80	251.60	247.40
	(ii)		Depth 3 m to 6 m	Cum	437.30	430.20	423.00	328.80	323.50	318.10	437.30	430.20	423.00	328.80	323.50	318.10
	(iii)		Depth above 6 m	Cum	583.10	573.60	564.00	438.50	431.30	424.10	583.10	573.60	564.00	438.50	431.30	424.10
	B		<i>Mechanical Means</i>													
	(i)		Depth upto 3 m	Cum	105.40	95.90	97.20	87.80	79.80	80.80	105.40	95.90	97.20	87.80	79.80	80.80
	(ii)		Depth 3 m to 6 m	Cum	115.80	105.50	106.90	96.40	87.60	88.80	115.80	105.50	106.90	96.40	87.60	88.80
	(iii)		Depth above 6 m	Cum	128.80	117.30	119.10	107.10	97.30	98.70	128.80	117.30	119.10	107.10	97.30	98.70
	II		Ordinary Rock (not requiring blasting)													
	A		<i>Manual Means</i>													
	(i)		Depth upto 3 m	Cum	365.40	359.40	353.40	365.40	359.40	353.40	365.40	359.40	353.40	365.40	359.40	353.40
	B		<i>Mechanical Means</i>	Cum	542.30	570.30	559.20	454.00	477.20	467.70	542.30	570.30	559.20	454.00	477.20	467.70
	III		Hard Rock (requiring blasting)													
	A		<i>Manual Means</i>	Cum	954.30	938.70	923.00	739.70	727.60	715.50	965.40	949.60	933.70	750.80	738.50	726.20
	B		<i>Mechanical Means</i>													
			Carrying out excavation in hard rock to achieve a specified slope of the rock face by controlled use of explosives and blasting accessories in properly aligned and spaced drill holes, collection of the excavated rock by a dozer, loading in tipper by a front end loader and disposing of the material will all lifts and lead upto 1000 m, all specified as in Clause 303	Cum	595.80	576.60	569.30	564.10	546.50	539.30	662.90	642.60	634.20	631.20	612.50	604.10
	IV		Hard Rock (blasting prohibited)													
	A		<i>Mechanical Means</i>	Cum	725.50	712.30	680.70	607.10	595.80	569.10	725.50	712.30	680.70	607.10	595.80	569.10
	V		Marshy Soil													
	A		<i>Manual Means - Depth upto 3m</i>	Cum	1172.70	1153.50	1134.30	885.20	870.70	856.20	1172.70	1153.50	1134.30	885.20	870.70	856.20
	B		<i>Mechanical Means</i>	Cum	291.50	262.40	255.00	260.70	235.60	229.00	305.40	276.00	268.30	274.50	249.20	242.40
B 9.02			Sand Filling in Foundation Trenches as per Drawing & Technical Specification	Cum	6295.30	6153.60	6039.40	6248.70	6126.00	6017.70	10744.40	10529.70	10342.60	10697.80	10502.20	10320.90
B 9.03			PCC 1:3:6 in Foundation													
		MF	Plain cement concrete 1:3:6 nominal mix in foundation with crushed stone aggregate 40 mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days.	Cum	9553.70	9340.80	9168.00	9172.30	8987.30	8827.40	12059.50	11805.60	11591.60	11678.10	11452.00	11251.10

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			09: PIPE CULVERTS													
B 9.01			Excavation for Structures													
			Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material.													
	I		Ordinary soil													
	A		Manual Means													
	(i)		Depth upto 3 m	Cum	255.80	251.60	247.40	255.80	251.60	247.40	255.80	251.60	247.40	255.80	251.60	247.40
	(ii)		Depth 3 m to 6 m	Cum	437.30	430.20	423.00	328.80	323.50	318.10	437.30	430.20	423.00	328.80	323.50	318.10
	(iii)		Depth above 6 m	Cum	583.10	573.60	564.00	438.50	431.30	424.10	583.10	573.60	564.00	438.50	431.30	424.10
	B		Mechanical Means													
	(i)		Depth upto 3 m	Cum	105.40	95.90	97.20	87.80	79.80	80.80	105.40	95.90	97.20	87.80	79.80	80.80
	(ii)		Depth 3 m to 6 m	Cum	115.80	105.50	106.90	96.40	87.60	88.80	115.80	105.50	106.90	96.40	87.60	88.80
	(iii)		Depth above 6 m	Cum	128.80	117.30	119.10	107.10	97.30	98.70	128.80	117.30	119.10	107.10	97.30	98.70
	II		Ordinary Rock (not requiring blasting)													
	A		Manual Means													
	(i)		Depth upto 3 m	Cum	365.40	359.40	353.40	365.40	359.40	353.40	365.40	359.40	353.40	365.40	359.40	353.40
	B		Mechanical Means	Cum	542.30	570.30	559.20	454.00	477.20	467.70	542.30	570.30	559.20	454.00	477.20	467.70
	III		Hard Rock (requiring blasting)													
	A		Manual Means	Cum	954.90	939.20	923.60	740.30	728.20	716.10	960.10	944.40	928.70	745.60	733.40	721.10
	B		Mechanical Means													
			Carrying out excavation in hard rock to achieve a specified slope of the rock face by controlled use of explosives and blasting accessories in properly aligned and spaced drill holes, collection of the excavated rock by a dozer, loading in tipper by a front end loader and disposing of the material will all lifts and lead upto 1000 m, all specified as in Clause 303	Cum	599.40	580.10	572.70	567.60	550.00	542.70	631.10	611.30	603.50	599.40	581.30	573.40
	IV		Hard Rock (blasting prohibited)													
	A		Mechanical Means	Cum	725.50	712.30	680.70	607.10	595.80	569.10	725.50	712.30	680.70	607.10	595.80	569.10
	V		Marshy Soil													
	A		Manual Means - Depth upto 3m	Cum	1172.70	1153.50	1134.30	885.20	870.70	856.20	1172.70	1153.50	1134.30	885.20	870.70	856.20
	B		Mechanical Means	Cum	292.30	263.10	255.70	261.40	236.40	229.70	298.80	269.50	262.00	268.00	242.80	236.00
B 9.02			Sand Filling in Foundation Trenches as per Drawing & Technical Specification	Cum	7215.30	7058.60	6929.30	7168.80	7031.00	6907.50	7983.30	7814.00	7672.10	7936.80	7786.40	7650.40
B 9.03			PCC 1:3:6 in Foundation													
		MF	Plain cement concrete 1:3:6 nominal mix in foundation with crushed stone aggregate 40 mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days.	Cum	10071.30	9850.00	9668.60	9689.90	9496.40	9328.10	10505.00	10276.50	10088.10	10123.50	9922.90	9747.50

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			09: PIPE CULVERTS													
B 9.01			Excavation for Structures													
			Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material.													
	I		Ordinary soil													
	A		<i>Manual Means</i>													
	(i)		Depth upto 3 m	Cum	255.80	251.60	247.40	255.80	251.60	247.40	255.80	251.60	247.40	255.80	251.60	247.40
	(ii)		Depth 3 m to 6 m	Cum	437.30	430.20	423.00	328.80	323.50	318.10	437.30	430.20	423.00	328.80	323.50	318.10
	(iii)		Depth above 6 m	Cum	583.10	573.60	564.00	438.50	431.30	424.10	583.10	573.60	564.00	438.50	431.30	424.10
	B		<i>Mechanical Means</i>													
	(i)		Depth upto 3 m	Cum	105.40	95.90	97.20	87.80	79.80	80.80	105.40	95.90	97.20	87.80	79.80	80.80
	(ii)		Depth 3 m to 6 m	Cum	115.80	105.50	106.90	96.40	87.60	88.80	115.80	105.50	106.90	96.40	87.60	88.80
	(iii)		Depth above 6 m	Cum	128.80	117.30	119.10	107.10	97.30	98.70	128.80	117.30	119.10	107.10	97.30	98.70
	II		Ordinary Rock (not requiring blasting)													
	A		<i>Manual Means</i>													
	(i)		Depth upto 3 m	Cum	365.40	359.40	353.40	365.40	359.40	353.40	365.40	359.40	353.40	365.40	359.40	353.40
	B		<i>Mechanical Means</i>	Cum	542.30	570.30	559.20	454.00	477.20	467.70	542.30	570.30	559.20	454.00	477.20	467.70
	III		Hard Rock (requiring blasting)													
	A		<i>Manual Means</i>	Cum	971.20	955.30	939.40	756.60	744.20	731.80	967.70	951.80	936.00	753.10	740.80	728.50
	B		<i>Mechanical Means</i>													
			Carrying out excavation in hard rock to achieve a specified slope of the rock face by controlled use of explosives and blasting accessories in properly aligned and spaced drill holes, collection of the excavated rock by a dozer, loading in tipper by a front end loader and disposing of the material will all lifts and lead upto 1000 m, all specified as in Clause 303	Cum	698.20	677.30	668.40	666.50	647.30	638.30	677.00	656.50	647.90	645.30	626.40	617.80
	IV		Hard Rock (blasting prohibited)													
	A		<i>Mechanical Means</i>	Cum	725.50	712.30	680.70	607.10	595.80	569.10	725.50	712.30	680.70	607.10	595.80	569.10
	V		Marshy Soil													
	A		<i>Manual Means - Depth upto 3m</i>	Cum	1172.70	1153.50	1134.30	885.20	870.70	856.20	1172.70	1153.50	1134.30	885.20	870.70	856.20
	B		<i>Mechanical Means</i>	Cum	312.60	283.10	275.40	281.80	256.40	249.40	308.30	278.80	271.10	277.40	252.10	245.20
B 9.02			Sand Filling in Foundation Trenches as per Drawing & Technical Specification	Cum	14885.30	14602.80	14347.80	14838.80	14575.20	14326.10	12584.70	12339.90	12122.60	12538.20	12312.30	12100.90
B 9.03			PCC 1:3:6 in Foundation													
		MF	Plain cement concrete 1:3:6 nominal mix in foundation with crushed stone aggregate 40 mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days.	Cum	14390.40	14098.20	13846.10	14008.90	13744.60	13505.50	13095.30	12824.40	12593.50	12713.90	12470.80	12252.90

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 9.04			Laying Reinforced Cement Concrete Pipe NP4 / Prestressed Concrete Pipe on First Class Bedding in Single Row .													
			Laying RCC Pipe NP4/Prestressed concrete pipefor culverts on first class bedding of granular material in single row including fixing of collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets													
	A	MF	1000 mm dia	Metre	13822.80	13596.20	13369.60	13756.00	13530.50	13305.00	12967.40	12754.80	12542.20	12900.60	12689.10	12477.60
	B	MF	1200 mm dia	Metre	19876.80	19550.90	19225.10	19770.10	19446.00	19121.90	18637.90	18332.40	18026.80	18531.20	18227.40	17923.70
	C	MF	1500 mm dia	Metre	23726.80	23337.80	22948.90	23619.90	23232.70	22845.50	22242.00	21877.40	21512.70	22135.10	21772.30	21409.40
B 9.05			Laying Reinforced Cement Concrete Pipe NP4 / Prestressed Concrete Pipe on First Class Bedding in Double Row .													
			Laying RCC Pipe NP4/Prestressed concrete pipe for culverts on first class bedding of granular material in Double row including fixing of collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets													
	A	MF	1000 mm dia	Metre	27932.70	27474.80	27016.90	27799.00	27343.20	26887.50	26221.90	25792.00	25362.10	26088.10	25660.40	25232.80
	B	MF	1200 mm dia	Metre	40061.50	39404.80	38748.00	39847.60	39194.40	38541.10	37583.80	36967.70	36351.50	37369.90	36757.20	36144.60
	C	MF	1500 mm dia	Metre	47791.60	47008.20	46224.70	47577.90	46797.90	46018.00	44822.00	44087.20	43352.40	44608.30	43877.00	43145.70
B 9.06			Plain/Reinforced Cement Concrete for Pipe Culvert complete as per Drawing and Technical Specifications.													
	A		PCC Grade M15													
	Case I	MF	using batching plant transit mixer & Concrete pump	Cum	9536.30	9229.80	9030.10	9326.30	9080.70	8900.80	8964.30	8667.20	8476.80	8754.20	8518.10	8347.60
	Case II	MF	using batching plant transit mixer & manual placing	Cum	10305.40	9985.90	9772.90	9911.60	9656.50	9467.50	9733.30	9423.20	9219.60	9339.60	9093.90	8914.20
	B		PCC Grade M20													
	Case I	MF	using batching plant transit mixer & Concrete pump	Cum	10457.50	10135.90	9921.00	10247.40	9986.80	9791.80	9842.60	9531.10	9326.30	9632.50	9382.00	9197.10
	Case II	MF	using batching plant transit mixer & manual placing	Cum	11226.50	10891.90	10663.90	10832.70	10562.50	10358.50	10611.60	10287.10	10069.10	10217.90	9957.70	9763.70
	C		RCC Grade M20													
	Case I	MF	using batching plant transit mixer & Concrete pump	Cum	10776.30	10449.50	10229.40	10554.00	10288.30	10088.30	10159.50	9842.80	9632.80	9937.20	9681.60	9491.70
	Case II	MF	using batching plant transit mixer & manual placing	Cum	11594.80	11254.10	11020.00	11176.40	10900.60	10690.90	10977.90	10647.40	10423.40	10559.60	10293.90	10094.30
	D		PCC Grade M25													
	Case I	MF	using batching plant transit mixer & Concrete pump	Cum	11105.80	10773.60	10548.10	10895.80	10624.50	10418.90	10456.40	10134.90	9920.00	10246.40	9985.70	9790.80
	Case II	MF	using batching plant transit mixer & manual placing	Cum	11874.90	11529.70	11291.00	11481.10	11200.30	10985.60	11225.50	10890.90	10662.90	10831.70	10561.50	10357.50
	E		RCC Grade M25													
	Case I	MF	using batching plant transit mixer & Concrete pump	Cum	11467.90	11129.80	10898.30	11245.60	10968.60	10757.20	10813.80	10486.40	10265.70	10591.50	10325.20	10124.50
	Case II	MF	using batching plant transit mixer & manual placing	Cum	12286.30	11934.40	11688.90	11868.00	11580.80	11359.80	11632.20	11290.90	11056.20	11213.90	10937.40	10727.10
B 9.07		MF	Supplying, Fitting and Placing un-coated HYSD bar Reinforcement in Pipe Culvert complete as per Drawing and Technical Specifications.	MT	79871.70	78518.50	77164.20	79837.70	78472.70	77113.00	79043.80	77704.30	76363.60	79009.90	77658.40	76312.30

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 9.04			Laying Reinforced Cement Concrete Pipe NP4 / Prestressed Concrete Pipe on First Class Bedding in Single Row .													
			Laying RCC Pipe NP4/Prestressed concrete pipefor culverts on first class bedding of granular material in single row including fixing of collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets													
	A	MF	1000 mm dia	Metre	13822.80	13596.20	13369.60	13756.00	13530.50	13305.00	14689.40	14448.60	14207.80	14622.70	14382.90	14143.20
	B	MF	1200 mm dia	Metre	19876.80	19550.90	19225.10	19770.10	19446.00	19121.90	21130.60	20784.20	20437.80	21024.00	20679.30	20334.70
	C	MF	1500 mm dia	Metre	23726.80	23337.80	22948.90	23619.90	23232.70	22845.50	25226.60	24813.00	24399.50	25119.70	24707.90	24296.10
B 9.05			Laying Reinforced Cement Concrete Pipe NP4 / Prestressed Concrete Pipe on First Class Bedding in Double Row .													
			Laying RCC Pipe NP4/Prestressed concrete pipe for culverts on first class bedding of granular material in Double row including fixing of collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets													
	A	MF	1000 mm dia	Metre	27932.70	27474.80	27016.90	27799.00	27343.20	26887.50	29666.00	29179.70	28693.30	29532.20	29048.10	28563.90
	B	MF	1200 mm dia	Metre	40061.50	39404.80	38748.00	39847.60	39194.40	38541.10	42569.20	41871.40	41173.50	42355.30	41661.00	40966.60
	C	MF	1500 mm dia	Metre	47791.60	47008.20	46224.70	47577.90	46797.90	46018.00	50791.20	49958.60	49125.90	50577.50	49748.30	48919.20
B 9.06			Plain/Reinforced Cement Concrete for Pipe Culvert complete as per Drawing and Technical Specifications.													
	A		PCC Grade M15													
	Case I	MF	using batching plant transit mixer & Concrete pump	Cum	9536.30	9229.80	9030.10	9326.30	9080.70	8900.80	11424.60	11087.20	10856.50	11214.60	10938.00	10727.20
	Case II	MF	using batching plant transit mixer & manual placing	Cum	10305.40	9985.90	9772.90	9911.60	9656.50	9467.50	12193.70	11843.20	11599.30	11799.90	11513.80	11293.90
	B		PCC Grade M20													
	Case I	MF	using batching plant transit mixer & Concrete pump	Cum	10457.50	10135.90	9921.00	10247.40	9986.80	9791.80	12348.00	11995.40	11749.60	12137.90	11846.30	11620.30
	Case II	MF	using batching plant transit mixer & manual placing	Cum	11226.50	10891.90	10663.90	10832.70	10562.50	10358.50	13117.00	12751.40	12492.40	12723.30	12422.10	12187.00
	C		RCC Grade M20													
	Case I	MF	using batching plant transit mixer & Concrete pump	Cum	10776.30	10449.50	10229.40	10554.00	10288.30	10088.30	12393.70	12040.40	11793.80	12171.40	11879.20	11652.60
	Case II	MF	using batching plant transit mixer & manual placing	Cum	11594.80	11254.10	11020.00	11176.40	10900.60	10690.90	13212.10	12845.00	12584.30	12793.80	12491.40	12255.20
	D		PCC Grade M25													
	Case I	MF	using batching plant transit mixer & Concrete pump	Cum	11105.80	10773.60	10548.10	10895.80	10624.50	10418.90	13110.80	12745.70	12487.30	12900.70	12596.60	12358.10
	Case II	MF	using batching plant transit mixer & manual placing	Cum	11874.90	11529.70	11291.00	11481.10	11200.30	10985.60	13879.80	13501.70	13230.20	13486.10	13172.40	12924.80
	E		RCC Grade M25													
	Case I	MF	using batching plant transit mixer & Concrete pump	Cum	11467.90	11129.80	10898.30	11245.60	10968.60	10757.20	13203.00	12836.50	12576.60	12980.70	12675.30	12435.50
	Case II	MF	using batching plant transit mixer & manual placing	Cum	12286.30	11934.40	11688.90	11868.00	11580.80	11359.80	14021.50	13641.10	13367.20	13603.20	13287.60	13038.10
B 9.07		MF	Supplying, Fitting and Placing un-coated HYSD bar Reinforcement in Pipe Culvert complete as per Drawing and Technical Specifications.	MT	79871.70	78518.50	77164.20	79837.70	78472.70	77113.00	81819.90	80434.80	79048.60	81785.90	80389.00	78997.40

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 9.04			Laying Reinforced Cement Concrete Pipe NP4 / Prestressed Concrete Pipe on First Class Bedding in Single Row .													
			Laying RCC Pipe NP4/Prestressed concrete pipefor culverts on first class bedding of granular material in single row including fixing of collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets													
	A	MF	1000 mm dia	Metre	16280.80	16013.90	15747.00	16214.00	15948.20	15682.40	15913.50	15652.70	15391.80	15846.80	15587.00	15327.20
	B	MF	1200 mm dia	Metre	23435.00	23050.80	22666.70	23328.40	22945.90	22563.50	22903.20	22527.80	22152.30	22796.60	22422.90	22049.20
	C	MF	1500 mm dia	Metre	27987.70	27528.90	27070.10	27880.80	27423.80	26966.70	27350.50	26902.20	26453.80	27243.70	26797.00	26350.40
B 9.05			Laying Reinforced Cement Concrete Pipe NP4 / Prestressed Concrete Pipe on First Class Bedding in Double Row .													
			Laying RCC Pipe NP4/Prestressed concrete pipe for culverts on first class bedding of granular material in Double row including fixing of collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets													
	A	MF	1000 mm dia	Metre	32848.60	32310.10	31771.60	32714.90	32178.60	31642.30	32114.20	31587.70	31061.30	31980.40	31456.10	30931.90
	B	MF	1200 mm dia	Metre	47178.00	46404.60	45631.20	46964.10	46194.20	45424.30	46114.50	45358.50	44602.50	45900.50	45148.10	44395.60
	C	MF	1500 mm dia	Metre	56313.40	55390.30	54467.10	56099.70	55180.10	54260.40	55039.10	54136.80	53234.50	54825.40	53926.60	53027.80
B 9.06			Plain/Reinforced Cement Concrete for Pipe Culvert complete as per Drawing and Technical Specifications.													
	A		PCC Grade M15													
	Case I	MF	using batching plant transit mixer & Concrete pump	Cum	12697.10	12338.80	12087.30	12487.10	12189.70	11958.00	12403.50	12050.00	11803.20	12193.40	11900.90	11674.00
	Case II	MF	using batching plant transit mixer & manual placing	Cum	13466.20	13094.90	12830.10	13072.40	12765.50	12524.70	13172.50	12806.00	12546.10	12778.70	12476.60	12240.70
	B		PCC Grade M20													
	Case I	MF	using batching plant transit mixer & Concrete pump	Cum	13731.80	13356.50	13088.00	13521.70	13207.40	12958.70	13412.40	13042.40	12779.10	13202.40	12893.30	12649.90
	Case II	MF	using batching plant transit mixer & manual placing	Cum	14500.90	14112.60	13830.80	14107.10	13783.20	13525.40	14181.50	13798.50	13522.00	13787.70	13469.10	13216.60
	C		RCC Grade M20													
	Case I	MF	using batching plant transit mixer & Concrete pump	Cum	13782.60	13406.50	13137.10	13560.30	13245.30	12996.00	13462.10	13091.30	12827.10	13239.80	12930.10	12686.00
	Case II	MF	using batching plant transit mixer & manual placing	Cum	14601.00	14211.10	13927.70	14182.70	13857.60	13598.60	14280.50	13895.80	13617.70	13862.20	13542.30	13288.60
	D		PCC Grade M25													
	Case I	MF	using batching plant transit mixer & Concrete pump	Cum	14584.20	14195.00	13912.50	14374.20	14045.90	13783.20	14244.20	13860.60	13583.60	14034.20	13711.40	13454.40
	Case II	MF	using batching plant transit mixer & manual placing	Cum	15353.30	14951.10	14655.30	14959.50	14621.70	14349.90	15013.30	14616.60	14326.50	14619.50	14287.20	14021.10
	E		RCC Grade M25													
	Case I	MF	using batching plant transit mixer & Concrete pump	Cum	14687.00	14296.00	14011.90	14464.60	14134.90	13870.70	14344.50	13959.20	13680.60	14122.20	13798.00	13539.50
	Case II	MF	using batching plant transit mixer & manual placing	Cum	15505.40	15100.60	14802.40	15087.10	14747.10	14473.30	15162.90	14763.80	14471.20	14744.60	14410.30	14142.10
B 9.07		MF	Supplying, Fitting and Placing un-coated HYSD bar Reinforcement in Pipe Culvert complete as per Drawing and Technical Specifications.	MT	83484.30	82072.00	80658.40	83450.30	82026.10	80607.20	83100.20	81694.20	80286.90	83066.30	81648.30	80235.70

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 9.04			Laying Reinforced Cement Concrete Pipe NP4 / Prestressed Concrete Pipe on First Class Bedding in Single Row .													
			Laying RCC Pipe NP4/Prestressed concrete pipefor culverts on first class bedding of granular material in single row including fixing of collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets													
	A	MF	1000 mm dia	Metre	14070.20	13839.50	13608.90	14003.40	13773.80	13544.30	16408.00	16139.00	15870.00	16341.20	16073.30	15805.40
	B	MF	1200 mm dia	Metre	20234.70	19903.00	19571.30	20128.10	19798.10	19468.20	23618.70	23231.50	22844.30	23512.00	23126.60	22741.10
	C	MF	1500 mm dia	Metre	24155.00	23759.10	23363.10	24048.20	23653.90	23259.70	28206.50	27744.10	27281.70	28099.60	27639.00	27178.30
B 9.05			Laying Reinforced Cement Concrete Pipe NP4 / Prestressed Concrete Pipe on First Class Bedding in Double Row .													
			Laying RCC Pipe NP4/Prestressed concrete pipe for culverts on first class bedding of granular material in Double row including fixing of collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets													
	A	MF	1000 mm dia	Metre	28427.50	27961.40	27495.40	28293.70	27829.90	27366.00	33103.10	32560.40	32017.70	32969.30	32428.80	31888.30
	B	MF	1200 mm dia	Metre	40777.50	40109.00	39440.50	40563.60	39898.60	39233.60	47545.30	46765.90	45986.50	47331.40	46555.50	45779.50
	C	MF	1500 mm dia	Metre	48648.10	47850.60	47053.10	48434.40	47640.40	46846.40	56751.00	55820.60	54890.30	56537.30	55610.40	54683.60
B 9.06			Plain/Reinforced Cement Concrete for Pipe Culvert complete as per Drawing and Technical Specifications.													
	A		PCC Grade M15													
	Case I	MF	using batching plant transit mixer & Concrete pump	Cum	10351.70	10031.80	9818.70	10141.60	9882.70	9689.50	13184.00	12817.70	12558.20	12974.00	12668.60	12428.90
	Case II	MF	using batching plant transit mixer & manual placing	Cum	11120.70	10787.90	10561.50	10727.00	10458.50	10256.10	13953.10	13573.80	13301.00	13559.30	13244.40	12995.60
	B		PCC Grade M20													
	Case I	MF	using batching plant transit mixer & Concrete pump	Cum	11181.00	10847.60	10620.90	10971.00	10698.50	10491.60	14261.40	13877.40	13600.20	14051.30	13728.30	13471.00
	Case II	MF	using batching plant transit mixer & manual placing	Cum	11950.10	11603.60	11363.70	11556.30	11274.30	11058.30	15030.40	14633.50	14343.00	14636.60	14304.10	14037.60
	C		RCC Grade M20													
	Case I	MF	using batching plant transit mixer & Concrete pump	Cum	11222.40	10888.30	10660.90	11000.10	10727.10	10519.80	14314.10	13929.30	13651.30	14091.80	13768.10	13510.10
	Case II	MF	using batching plant transit mixer & manual placing	Cum	12040.90	11692.90	11451.50	11622.60	11339.40	11122.40	15132.60	14733.90	14441.80	14714.20	14380.40	14112.70
	D		PCC Grade M25													
	Case I	MF	using batching plant transit mixer & Concrete pump	Cum	11868.10	11523.40	11285.40	11658.10	11374.30	11156.20	15148.20	14749.70	14458.00	14938.20	14600.60	14328.70
	Case II	MF	using batching plant transit mixer & manual placing	Cum	12637.20	12279.50	12028.30	12243.40	11950.10	11722.90	15917.30	15505.80	15200.80	15523.50	15176.40	14895.40
	E		RCC Grade M25													
	Case I	MF	using batching plant transit mixer & Concrete pump	Cum	11953.70	11607.60	11368.20	11731.40	11446.40	11227.10	15253.50	14853.30	14559.80	15031.20	14692.10	14418.70
	Case II	MF	using batching plant transit mixer & manual placing	Cum	12772.10	12412.20	12158.80	12353.80	12058.70	11829.70	16071.90	15657.90	15350.40	15653.60	15304.40	15021.30
B 9.07		MF	Supplying, Fitting and Placing un-coated HYSD bar Reinforcement in Pipe Culvert complete as per Drawing and Technical Specifications.	MT	80442.10	79079.60	77715.90	80408.10	79033.70	77664.70	84104.10	82681.60	81257.90	84070.10	82635.70	81206.70

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 9.04			Laying Reinforced Cement Concrete Pipe NP4 / Prestressed Concrete Pipe on First Class Bedding in Single Row .													
			Laying RCC Pipe NP4/Prestressed concrete pipefor culverts on first class bedding of granular material in single row including fixing of collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets													
	A	MF	1000 mm dia	Metre	14198.60	13965.80	13733.10	14131.80	13900.10	13668.50	15295.50	15044.70	14794.00	15228.70	14979.10	14729.40
	B	MF	1200 mm dia	Metre	20420.00	20085.20	19750.50	20313.30	19980.30	19647.30	22008.90	21648.10	21287.30	21902.30	21543.20	21184.20
	C	MF	1500 mm dia	Metre	24375.40	23975.80	23576.20	24268.50	23870.70	23472.90	26280.60	25849.70	25418.90	26173.70	25744.60	25315.60
B 9.05			Laying Reinforced Cement Concrete Pipe NP4 / Prestressed Concrete Pipe on First Class Bedding in Double Row .													
			Laying RCC Pipe NP4/Prestressed concrete pipe for culverts on first class bedding of granular material in Double row including fixing of collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets													
	A	MF	1000 mm dia	Metre	28684.30	28214.10	27743.80	28550.50	28082.50	27614.40	30878.10	30371.90	29865.70	30744.30	30240.30	29736.30
	B	MF	1200 mm dia	Metre	41148.00	40473.40	39798.90	40934.00	40263.00	39591.90	44325.90	43599.20	42872.60	44112.00	43388.80	42665.70
	C	MF	1500 mm dia	Metre	49088.90	48284.10	47479.40	48875.10	48073.90	47272.70	52899.20	52032.00	51164.80	52685.50	51821.80	50958.10
B 9.06			Plain/Reinforced Cement Concrete for Pipe Culvert complete as per Drawing and Technical Specifications.													
	A		PCC Grade M15													
	Case I	MF	using batching plant transit mixer & Concrete pump	Cum	10935.80	10606.40	10383.70	10725.80	10457.30	10254.40	11427.80	11090.30	10859.60	11217.70	10941.20	10730.30
	Case II	MF	using batching plant transit mixer & manual placing	Cum	11704.90	11362.40	11126.50	11311.10	11033.10	10821.10	12196.90	11846.40	11602.40	11803.10	11517.00	11297.00
	B		PCC Grade M20													
	Case I	MF	using batching plant transit mixer & Concrete pump	Cum	11816.40	11472.60	11235.40	11606.40	11323.40	11106.20	12351.30	11998.70	11752.80	12141.30	11849.60	11623.50
	Case II	MF	using batching plant transit mixer & manual placing	Cum	12585.50	12228.60	11978.20	12191.70	11899.20	11672.80	13120.40	12754.70	12495.60	12726.60	12425.30	12190.20
	C		RCC Grade M20													
	Case I	MF	using batching plant transit mixer & Concrete pump	Cum	11860.10	11515.60	11277.70	11637.80	11354.40	11136.60	12397.00	12043.60	11797.00	12174.70	11882.50	11655.90
	Case II	MF	using batching plant transit mixer & manual placing	Cum	12678.60	12320.20	12068.30	12260.30	11966.70	11739.20	13215.40	12848.20	12587.60	12797.10	12494.70	12258.40
	D		PCC Grade M25													
	Case I	MF	using batching plant transit mixer & Concrete pump	Cum	12544.70	12189.00	11939.90	12334.70	12039.80	11810.60	13114.20	12749.10	12490.70	12904.20	12600.00	12361.40
	Case II	MF	using batching plant transit mixer & manual placing	Cum	13313.80	12945.00	12682.70	12920.00	12615.60	12377.30	13883.30	13505.10	13233.50	13489.50	13175.70	12928.10
	E		RCC Grade M25													
	Case I	MF	using batching plant transit mixer & Concrete pump	Cum	12633.40	12276.10	12025.60	12411.10	12114.90	11884.50	13208.30	12841.60	12581.70	12986.00	12680.40	12440.50
	Case II	MF	using batching plant transit mixer & manual placing	Cum	13451.80	13080.70	12816.20	13033.50	12727.20	12487.00	14026.70	13646.20	13372.20	13608.40	13292.70	13043.10
B 9.07		MF	Supplying, Fitting and Placing un-coated HYSD bar Reinforcement in Pipe Culvert complete as per Drawing and Technical Specifications.	MT	81184.90	79810.30	78434.40	81150.90	79764.40	78383.20	81845.20	80459.70	79073.00	81811.20	80413.80	79021.80

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 9.04			Laying Reinforced Cement Concrete Pipe NP4 / Prestressed Concrete Pipe on First Class Bedding in Single Row .													
			Laying RCC Pipe NP4/Prestressed concrete pipefor culverts on first class bedding of granular material in single row including fixing of collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets													
	A	MF	1000 mm dia	Metre	17652.50	17363.10	17073.70	17585.70	17297.40	17009.10	16907.20	16630.10	16352.90	16840.50	16564.40	16288.30
	B	MF	1200 mm dia	Metre	25418.40	25001.70	24585.00	25311.70	24896.80	24481.80	24340.50	23941.40	23542.40	24233.80	23836.50	23439.30
	C	MF	1500 mm dia	Metre	30357.50	29859.90	29362.20	30250.70	29754.80	29258.90	29068.80	28592.30	28115.70	28962.00	28487.20	28012.40
B 9.05			Laying Reinforced Cement Concrete Pipe NP4 / Prestressed Concrete Pipe on First Class Bedding in Double Row .													
			Laying RCC Pipe NP4/Prestressed concrete pipe for culverts on first class bedding of granular material in Double row including fixing of collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets													
	A	MF	1000 mm dia	Metre	35592.10	35008.60	34425.10	35458.30	34877.00	34295.80	34101.60	33542.50	32983.50	33967.80	33410.90	32854.10
	B	MF	1200 mm dia	Metre	51144.80	50306.30	49467.90	50930.90	50095.90	49261.00	48988.90	48185.80	47382.70	48775.00	47975.40	47175.80
	C	MF	1500 mm dia	Metre	61053.10	60052.20	59051.40	60839.40	59842.00	58844.70	58475.70	57517.10	56558.40	58262.00	57306.80	56351.70
B 9.06			Plain/Reinforced Cement Concrete for Pipe Culvert complete as per Drawing and Technical Specifications.													
	A		PCC Grade M15													
	Case I	MF	using batching plant transit mixer & Concrete pump	Cum	15816.10	15406.70	15104.00	15606.10	15257.50	14974.70	14353.50	13968.10	13689.40	14143.50	13819.00	13560.10
	Case II	MF	using batching plant transit mixer & manual placing	Cum	16585.20	16162.70	15846.80	16191.40	15833.30	15541.40	15122.60	14724.10	14432.20	14728.80	14394.80	14126.80
	B		PCC Grade M20													
	Case I	MF	using batching plant transit mixer & Concrete pump	Cum	17124.10	16693.30	16369.10	16914.10	16544.10	16239.90	15533.40	15128.60	14830.50	15323.40	14979.50	14701.30
	Case II	MF	using batching plant transit mixer & manual placing	Cum	17893.20	17449.30	17111.90	17499.40	17119.90	16806.50	16302.50	15884.70	15573.40	15908.70	15555.30	15268.00
	C		RCC Grade M20													
	Case I	MF	using batching plant transit mixer & Concrete pump	Cum	17187.50	16755.60	16430.40	16965.20	16594.40	16289.30	15590.90	15185.20	14886.10	15368.60	15024.00	14745.00
	Case II	MF	using batching plant transit mixer & manual placing	Cum	18005.90	17560.20	17221.00	17587.60	17206.70	16891.80	16409.30	15989.80	15676.70	15991.00	15636.20	15347.60
	D		PCC Grade M25													
	Case I	MF	using batching plant transit mixer & Concrete pump	Cum	18196.80	17748.30	17406.60	17986.70	17599.20	17277.30	16502.80	16082.10	15768.20	16292.80	15933.00	15638.90
	Case II	MF	using batching plant transit mixer & manual placing	Cum	18965.90	18504.40	18149.40	18572.10	18175.00	17844.00	17271.90	16838.20	16511.00	16878.10	16508.80	16205.60
	E		RCC Grade M25													
	Case I	MF	using batching plant transit mixer & Concrete pump	Cum	18317.60	17867.20	17523.50	18095.30	17706.00	17382.40	16614.90	16192.40	15876.60	16392.60	16031.20	15735.40
	Case II	MF	using batching plant transit mixer & manual placing	Cum	19136.10	18671.80	18314.10	18717.80	18318.30	17984.90	17433.30	16997.00	16667.10	17015.00	16643.40	16338.00
B 9.07		MF	Supplying, Fitting and Placing un-coated HYSD bar Reinforcement in Pipe Culvert complete as per Drawing and Technical Specifications.	MT	87474.80	85997.00	84518.00	87440.80	85951.10	84466.80	85599.90	84152.90	82704.70	85565.90	84107.00	82653.50

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			10 : MAINTENANCE OF ROADS													
B 10.01			Restoration of Rain Cuts													
			Restoration of rain cuts with soil, moorum, gravel or a mixture of these, clearing the loose soil, benching for 300 mm width, laying fresh material in layers not exceeding 250 mm and compacting with plate compactor or power rammers to restore the original alignment, levels and slopes	Cum	380.80	357.40	343.40	332.00	309.30	296.00	380.80	357.40	343.40	332.00	309.30	296.00
B 10.02			Maintenance of Earthen Shoulder (filling with fresh soil)													
			Making up loss of material/ irregularities on shoulder to the design level by adding fresh approved soil and compacting it with appropriate equipment.	Sqm	92.20	87.30	84.20	81.30	76.60	73.70	92.20	87.30	84.20	81.30	76.60	73.70
B 10.03			Maintenance of Earth Shoulder (stripping excess soil)													
			Stripping excess soil from the shoulder surface to achieve the approved level and compacting with plate compactor	Cum	28.50	28.00	27.50	22.40	22.10	21.70	28.50	28.00	27.50	22.40	22.10	21.70
B 10.04			Filling Pot-holes and Patch Repairs with open-Graded Premix surfacing, 20mm.													
			Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with hot bituminous material as per clause 510, compacting, trimming and finishing the surface to form a smooth continuous surface, all as per clause 3004.2	Sqm	228.10	224.00	220.10	230.20	225.60	221.40	226.30	222.20	218.40	228.40	223.80	219.70
B 10.05			Filling Pot-holes and Patch Repairs with Bituminous concrete, 40mm.													
			Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with hot bituminous material as per clause 504, compacting, trimming and finishing the surface to form a smooth continuous surface, all as per clause 3004.2													
	(i)		Grading I : 19mm (Nominal size)	Sqm	579.00	568.60	558.80	585.60	574.00	563.60	573.60	563.30	553.60	580.30	568.80	558.40
	(ii)		Grading II : 13mm (Nominal size)	Sqm	572.80	562.60	552.80	579.50	568.00	557.60	567.50	557.30	547.60	574.10	562.70	552.50
B 10.06			Crack Filling													
			Filling of crack using slow - curing bitumen emulsion and applying crusher dust in case crack are wider than 3mm.	metre	7.40	7.30	7.10	6.90	6.80	6.70	7.30	7.20	7.10	6.80	6.70	6.60
B 10.07			Dusting													
			Applying crusher dust to areas of road where bleeding of excess bitumen has occurred.	Sqm	4.80	4.70	4.70	4.70	4.60	4.50	4.80	4.70	4.70	4.70	4.60	4.50
B 10.08	A		Fog Seal	Sqm	61.70	60.70	59.60	61.70	60.70	59.60	60.90	59.90	58.90	60.90	59.90	58.90

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			10 : MAINTENANCE OF ROADS													
B 10.01			Restoration of Rain Cuts													
			Restoration of rain cuts with soil, moorum, gravel or a mixture of these, clearing the loose soil, benching for 300 mm width, laying fresh material in layers not exceeding 250 mm and compacting with plate compactor or power rammers to restore the original alignment, levels and slopes	Cum	380.80	357.40	343.40	332.00	309.30	296.00	380.80	357.40	343.40	332.00	309.30	296.00
B 10.02			Maintenance of Earthen Shoulder (filling with fresh soil)													
			Making up loss of material/ irregularities on shoulder to the design level by adding fresh approved soil and compacting it with appropriate equipment.	Sqm	92.20	87.30	84.20	81.30	76.60	73.70	92.20	87.30	84.20	81.30	76.60	73.70
B 10.03			Maintenance of Earth Shoulder (stripping excess soil)													
			Stripping excess soil from the shoulder surface to achieve the approved level and compacting with plate compactor	Cum	28.50	28.00	27.50	22.40	22.10	21.70	28.50	28.00	27.50	22.40	22.10	21.70
B 10.04			Filling Pot-holes and Patch Repairs with open-Graded Premix surfacing, 20mm.													
			Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with hot bituminous material as per clause 510, compacting, trimming and finishing the surface to form a smooth continuous surface, all as per clause 3004.2	Sqm	228.10	224.00	220.10	230.20	225.60	221.40	230.60	226.40	222.50	232.70	228.00	223.80
B 10.05			Filling Pot-holes and Patch Repairs with Bituminous concrete, 40mm.													
			Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with hot bituminous material as per clause 504, compacting, trimming and finishing the surface to form a smooth continuous surface, all as per clause 3004.2													
	(i)		Grading I : 19mm (Nominal size)	Sqm	579.00	568.60	558.80	585.60	574.00	563.60	600.70	589.90	579.70	607.30	595.40	584.50
	(ii)		Grading II : 13mm (Nominal size)	Sqm	572.80	562.60	552.80	579.50	568.00	557.60	598.20	587.50	577.30	604.80	592.90	582.10
B 10.06			Crack Filling													
			Filling of crack using slow - curing bitumen emulsion and applying crusher dust in case crack are wider than 3mm.	metre	7.40	7.30	7.10	6.90	6.80	6.70	7.50	7.40	7.20	7.00	6.90	6.80
B 10.07			Dusting													
			Applying crusher dust to areas of road where bleeding of excess bitumen has occurred.	Sqm	4.80	4.70	4.70	4.70	4.60	4.50	5.20	5.10	5.00	5.00	4.90	4.90
B 10.08	A		Fog Seal	Sqm	61.70	60.70	59.60	61.70	60.70	59.60	62.70	61.70	60.70	62.70	61.70	60.70

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			10 : MAINTENANCE OF ROADS													
B 10.01			Restoration of Rain Cuts													
			Restoration of rain cuts with soil, moorum, gravel or a mixture of these, clearing the loose soil, benching for 300 mm width, laying fresh material in layers not exceeding 250 mm and compacting with plate compactor or power rammers to restore the original alignment, levels and slopes	Cum	380.80	357.40	343.40	332.00	309.30	296.00	380.80	357.40	343.40	332.00	309.30	296.00
B 10.02			Maintenance of Earthen Shoulder (filling with fresh soil)													
			Making up loss of material/ irregularities on shoulder to the design level by adding fresh approved soil and compacting it with appropriate equipment.	Sqm	92.20	87.30	84.20	81.30	76.60	73.70	92.20	87.30	84.20	81.30	76.60	73.70
B 10.03			Maintenance of Earth Shoulder (stripping excess soil)													
			Stripping excess soil from the shoulder surface to achieve the approved level and compacting with plate compactor	Cum	28.50	28.00	27.50	22.40	22.10	21.70	28.50	28.00	27.50	22.40	22.10	21.70
B 10.04			Filling Pot-holes and Patch Repairs with open-Graded Premix surfacing, 20mm.													
			Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with hot bituminous material as per clause 510, compacting, trimming and finishing the surface to form a smooth continuous surface, all as per clause 3004.2	Sqm	233.50	229.30	225.30	235.60	230.80	226.60	232.80	228.60	224.60	234.90	230.20	225.90
B 10.05			Filling Pot-holes and Patch Repairs with Bituminous concrete, 40mm.													
			Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with hot bituminous material as per clause 504, compacting, trimming and finishing the surface to form a smooth continuous surface, all as per clause 3004.2													
	(i)		Grading I : 19mm (Nominal size)	Sqm	609.40	598.50	588.20	616.00	603.90	593.00	607.30	596.50	586.20	614.00	601.90	591.00
	(ii)		Grading II : 13mm (Nominal size)	Sqm	606.90	596.00	585.70	613.50	601.50	590.60	604.80	594.00	583.80	611.50	599.50	588.60
B 10.06			Crack Filling													
			Filling of crack using slow - curing bitumen emulsion and applying crusher dust in case crack are wider than 3mm.	metre	7.60	7.50	7.40	7.10	7.00	6.90	7.60	7.50	7.30	7.10	7.00	6.90
B 10.07			Dusting													
			Applying crusher dust to areas of road where bleeding of excess bitumen has occurred.	Sqm	5.20	5.10	5.00	5.00	4.90	4.90	5.20	5.10	5.00	5.00	4.90	4.90
B 10.08	A		Fog Seal	Sqm	64.00	63.00	61.90	64.00	63.00	61.90	63.70	62.70	61.60	63.70	62.70	61.60

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			10 : MAINTENANCE OF ROADS													
B 10.01			Restoration of Rain Cuts													
			Restoration of rain cuts with soil, moorum, gravel or a mixture of these, clearing the loose soil, benching for 300 mm width, laying fresh material in layers not exceeding 250 mm and compacting with plate compactor or power rammers to restore the original alignment, levels and slopes	Cum	380.80	357.40	343.40	332.00	309.30	296.00	380.80	357.40	343.40	332.00	309.30	296.00
B 10.02			Maintenance of Earthen Shoulder (filling with fresh soil)													
			Making up loss of material/ irregularities on shoulder to the design level by adding fresh approved soil and compacting it with appropriate equipment.	Sqm	92.20	87.30	84.20	81.30	76.60	73.70	92.20	87.30	84.20	81.30	76.60	73.70
B 10.03			Maintenance of Earth Shoulder (stripping excess soil)													
			Stripping excess soil from the shoulder surface to achieve the approved level and compacting with plate compactor	Cum	28.50	28.00	27.50	22.40	22.10	21.70	28.50	28.00	27.50	22.40	22.10	21.70
B 10.04			Filling Pot-holes and Patch Repairs with open-Graded Premix surfacing, 20mm.													
			Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with hot bituminous material as per clause 510, compacting, trimming and finishing the surface to form a smooth continuous surface, all as per clause 3004.2	Sqm	228.10	224.00	220.10	230.20	225.60	221.40	234.60	230.40	226.40	236.70	231.90	227.70
B 10.05			Filling Pot-holes and Patch Repairs with Bituminous concrete, 40mm.													
			Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with hot bituminous material as per clause 504, compacting, trimming and finishing the surface to form a smooth continuous surface, all as per clause 3004.2													
	(i)		Grading I : 19mm (Nominal size)	Sqm	593.30	582.60	572.60	599.90	588.10	577.40	612.70	601.80	591.40	619.40	607.20	596.20
	(ii)		Grading II : 13mm (Nominal size)	Sqm	590.80	580.20	570.10	597.40	585.60	575.00	610.20	599.30	589.00	616.90	604.80	593.80
B 10.06			Crack Filling													
			Filling of crack using slow - curing bitumen emulsion and applying crusher dust in case crack are wider than 3mm.	metre	7.40	7.30	7.20	6.90	6.80	6.70	7.60	7.50	7.40	7.20	7.00	6.90
B 10.07			Dusting													
			Applying crusher dust to areas of road where bleeding of excess bitumen has occurred.	Sqm	5.20	5.10	5.00	5.00	4.90	4.90	5.20	5.10	5.00	5.00	4.90	4.90
B 10.08	A		Fog Seal	Sqm	61.70	60.70	59.60	61.70	60.70	59.60	64.50	63.50	62.40	64.50	63.50	62.40

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			10 : MAINTENANCE OF ROADS													
B 10.01			Restoration of Rain Cuts													
			Restoration of rain cuts with soil, moorum, gravel or a mixture of these, clearing the loose soil, benching for 300 mm width, laying fresh material in layers not exceeding 250 mm and compacting with plate compactor or power rammers to restore the original alignment, levels and slopes	Cum	380.80	357.40	343.40	332.00	309.30	296.00	380.80	357.40	343.40	332.00	309.30	296.00
B 10.02			Maintenance of Earthen Shoulder (filling with fresh soil)													
			Making up loss of material/ irregularities on shoulder to the design level by adding fresh approved soil and compacting it with appropriate equipment.	Sqm	92.20	87.30	84.20	81.30	76.60	73.70	92.20	87.30	84.20	81.30	76.60	73.70
B 10.03			Maintenance of Earth Shoulder (stripping excess soil)													
			Stripping excess soil from the shoulder surface to achieve the approved level and compacting with plate compactor	Cum	28.50	28.00	27.50	22.40	22.10	21.70	28.50	28.00	27.50	22.40	22.10	21.70
B 10.04			Filling Pot-holes and Patch Repairs with open-Graded Premix surfacing, 20mm.													
			Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with hot bituminous material as per clause 510, compacting, trimming and finishing the surface to form a smooth continuous surface, all as per clause 3004.2	Sqm	229.50	225.30	221.40	231.50	226.90	222.70	230.60	226.40	222.50	232.70	228.00	223.80
B 10.05			Filling Pot-holes and Patch Repairs with Bituminous concrete, 40mm.													
			Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with hot bituminous material as per clause 504, compacting, trimming and finishing the surface to form a smooth continuous surface, all as per clause 3004.2													
	(i)		Grading I : 19mm (Nominal size)	Sqm	597.30	586.60	576.50	604.00	592.10	581.30	600.70	589.90	579.70	607.30	595.40	584.50
	(ii)		Grading II : 13mm (Nominal size)	Sqm	594.80	584.20	574.10	601.50	589.60	578.90	598.20	587.50	577.30	604.80	592.90	582.10
B 10.06			Crack Filling													
			Filling of crack using slow - curing bitumen emulsion and applying crusher dust in case crack are wider than 3mm.	metre	7.40	7.30	7.20	7.00	6.90	6.70	7.50	7.40	7.20	7.00	6.90	6.80
B 10.07			Dusting													
			Applying crusher dust to areas of road where bleeding of excess bitumen has occurred.	Sqm	5.20	5.10	5.00	5.00	4.90	4.90	5.20	5.10	5.00	5.00	4.90	4.90
B 10.08	A		Fog Seal	Sqm	62.30	61.20	60.20	62.30	61.20	60.20	62.70	61.70	60.70	62.70	61.70	60.70

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			10 : MAINTENANCE OF ROADS													
B 10.01			Restoration of Rain Cuts													
			Restoration of rain cuts with soil, moorum, gravel or a mixture of these, clearing the loose soil, benching for 300 mm width, laying fresh material in layers not exceeding 250 mm and compacting with plate compactor or power rammers to restore the original alignment, levels and slopes	Cum	380.80	357.40	343.40	332.00	309.30	296.00	380.80	357.40	343.40	332.00	309.30	296.00
B 10.02			Maintenance of Earthen Shoulder (filling with fresh soil)													
			Making up loss of material/ irregularities on shoulder to the design level by adding fresh approved soil and compacting it with appropriate equipment.	Sqm	92.20	87.30	84.20	81.30	76.60	73.70	92.20	87.30	84.20	81.30	76.60	73.70
B 10.03			Maintenance of Earth Shoulder (stripping excess soil)													
			Stripping excess soil from the shoulder surface to achieve the approved level and compacting with plate compactor	Cum	28.50	28.00	27.50	22.40	22.10	21.70	28.50	28.00	27.50	22.40	22.10	21.70
B 10.04			Filling Pot-holes and Patch Repairs with open-Graded Premix surfacing, 20mm.													
			Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with hot bituminous material as per clause 510, compacting, trimming and finishing the surface to form a smooth continuous surface, all as per clause 3004.2	Sqm	240.60	236.30	232.20	242.70	237.90	233.50	237.30	233.00	228.90	239.30	234.60	230.30
B 10.05			Filling Pot-holes and Patch Repairs with Bituminous concrete, 40mm.													
			Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with hot bituminous material as per clause 504, compacting, trimming and finishing the surface to form a smooth continuous surface, all as per clause 3004.2													
	(i)		Grading I : 19mm (Nominal size)	Sqm	630.80	619.60	608.90	637.50	625.00	613.70	620.70	609.70	599.20	627.40	615.10	604.00
	(ii)		Grading II : 13mm (Nominal size)	Sqm	628.30	617.10	606.50	635.00	622.60	611.30	618.20	607.20	596.70	624.90	612.70	601.60
B 10.06			Crack Filling													
			Filling of crack using slow - curing bitumen emulsion and applying crusher dust in case crack are wider than 3mm.	metre	7.90	7.80	7.60	7.40	7.30	7.20	7.80	7.60	7.50	7.30	7.10	7.00
B 10.07			Dusting													
			Applying crusher dust to areas of road where bleeding of excess bitumen has occurred.	Sqm	5.20	5.10	5.00	5.00	4.90	4.90	5.20	5.10	5.00	5.00	4.90	4.90
B 10.08	A		Fog Seal	Sqm	67.20	66.10	65.00	67.20	66.10	65.00	65.70	64.60	63.50	65.70	64.60	63.50

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 10.08	B		Crack Prevention courses.													
	(i)		Stress Absorbing Membrane (SAM) crack width less than 6 mm	Sqm	108.60	106.80	105.00	108.60	106.80	105.00	108.00	106.20	104.50	108.00	106.20	104.50
	(ii)		Crack Prevention courses. - Stress Absorbing Membrane (SAM) with crack width 6 mm to 9 mm	Sqm	124.50	122.50	120.40	124.50	122.50	120.40	123.80	121.80	119.70	123.80	121.80	119.70
	(iii)		Crack Prevention courses. - Stress Absorbing Membrane (SAM) crack width above 9 mm and cracked area above 50 per cent	Sqm	163.70	161.00	158.30	163.70	161.00	158.30	162.70	160.10	157.40	162.70	160.10	157.40
	(iv)		Crack Prevention courses. - Bitumen Impregnated Geotextile	Sqm	355.10	349.30	343.50	355.10	349.30	343.50	336.00	330.50	325.00	336.00	330.50	325.00
	C		Slurry Seal													
	(i)		5 mm thickness	Sqm	123.20	120.80	118.70	120.40	117.80	115.60	121.90	119.50	117.40	119.10	116.50	114.40
	(ii)		3 mm thickness	Sqm	85.40	83.70	82.20	86.90	84.90	83.30	84.50	82.80	81.30	85.90	84.00	82.40
	(iii)		1.5 mm thickness	Sqm	51.90	50.80	49.80	51.90	50.80	49.80	51.30	50.20	49.30	51.30	50.20	49.30
	D		Surface Dressing for maintenance works													
	(i)		19 mm nominal chipping size	Sqm	146.90	144.20	141.70	146.90	144.20	141.70	146.20	143.50	141.00	146.20	143.50	141.00
	(ii)		13 mm nominal size chipping	Sqm	114.10	112.10	110.20	114.10	112.10	110.20	113.50	111.50	109.60	113.50	111.50	109.60
B 10.09			Repair of Joint Grooves with Epoxy Mortar													
			Repair of spalled joint grooves of contraction joints, longitudinal joints and expansion joints in concrete pavements using epoxy mortar or epoxy concrete	Metre	1221.70	1201.70	1181.70	1193.00	1173.40	1153.90	1149.50	1130.60	1111.80	1120.70	1102.40	1084.00
B 10.10			Repair of old Joints Sealant													
			Removal of existing sealant and re sealing of contraction, longitudinal or expansion joints in concrete pavement with fresh sealant material	Metre	62.90	61.90	60.80	50.80	50.00	49.20	62.10	61.00	60.00	50.00	49.20	48.30
B 10.11			Hill Side Drain Clearance													
			Removal of earth from the choked hill side drain and disposing it on the valley side manually	Metre	73.10	71.90	70.70	73.10	71.90	70.70	73.10	71.90	70.70	73.10	71.90	70.70
B 10.12			Land Slide Clearance in soil													
			Clearance of land slides in soil and ordinary rock by a bull-dozer D 80 A-12, 180 HP and disposal of the same on the valley side	Cum	80.30	79.00	77.70	80.30	79.00	77.70	80.30	79.00	77.70	80.30	79.00	77.70
B 10.13			Landslide Clearance in Hard Rock Requiring Blasting													
			Clearing of land slide in hard rock requiring blasting for 50 per cent of the boulders and disposal of the same on the valley side.	Cum	128.90	126.70	124.60	128.90	126.70	124.60	126.80	124.70	122.70	126.80	124.70	122.70
B 10.14			Snow Clearance													
	A		Snow Clearance on Roads with Dozer	Cum	5.40	5.30	5.30	5.40	5.30	5.30	5.40	5.30	5.30	5.40	5.30	5.30
			Snow clearance from road surface by a bull- dozer 165 Hp and disposing it on the valley side													
	B		Snow Clearance on Roads with Back hoe loader	Cum	4.80	4.70	4.60	4.80	4.70	4.60	4.80	4.70	4.60	4.80	4.70	4.60
			Snow clearance from road surface by backhoe loader and disposing it on the valley side													
B 10.15			Snow Clearance on Roads with Snow Blowers	Cum	7.70	7.60	7.40	7.70	7.60	7.40	7.70	7.60	7.40	7.70	7.60	7.40
			Snow clearance from road surface by a snow blower and disposing on the valley side.													

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 10.08	B		Crack Prevention courses.													
	(i)		Stress Absorbing Membrane (SAM) crack width less than 6 mm	Sqm	109.00	107.20	105.50	109.00	107.20	105.50	110.40	108.60	106.80	110.40	108.60	106.80
	(ii)		Crack Prevention courses. - Stress Absorbing Membrane (SAM) with crack width 6 mm to 9 mm	Sqm	125.00	123.00	120.90	125.00	123.00	120.90	126.70	124.70	122.60	126.70	124.70	122.60
	(iii)		Crack Prevention courses. - Stress Absorbing Membrane (SAM) crack width above 9 mm and cracked area above 50 per cent	Sqm	164.40	161.70	159.00	164.40	161.70	159.00	166.80	164.00	161.30	166.80	164.00	161.30
	(iv)		Crack Prevention courses. - Bitumen Impregnated Geotextile	Sqm	355.10	349.30	343.50	355.10	349.30	343.50	374.70	368.60	362.40	374.70	368.60	362.40
	C		Slurry Seal													
	(i)		5 mm thickness	Sqm	123.20	120.80	118.70	120.40	117.80	115.60	125.10	122.60	120.50	122.10	119.50	117.30
	(ii)		3 mm thickness	Sqm	85.40	83.70	82.20	86.90	84.90	83.30	86.70	85.00	83.50	88.10	86.20	84.60
	(iii)		1.5 mm thickness	Sqm	51.90	50.80	49.80	51.90	50.80	49.80	52.70	51.50	50.60	52.70	51.50	50.60
	D		Surface Dressing for maintenance works													
	(i)		19 mm nominal chipping size	Sqm	147.50	144.80	142.30	147.50	144.80	142.30	149.20	146.50	143.90	149.20	146.50	143.90
	(ii)		13 mm nominal size chipping	Sqm	114.50	112.50	110.60	114.50	112.50	110.60	116.00	114.00	112.00	116.00	114.00	112.00
B 10.09			Repair of Joint Grooves with Epoxy Mortar													
			Repair of spalled joint grooves of contraction joints, longitudinal joints and expansion joints in concrete pavements using epoxy mortar or epoxy concrete	Metre	1221.70	1201.70	1181.70	1193.00	1173.40	1153.90	1294.00	1272.80	1251.60	1265.30	1244.50	1223.80
B 10.10			Repair of old Joints Sealant													
			Removal of existing sealant and re sealing of contraction, longitudinal or expansion joints in concrete pavement with fresh sealant material	Metre	62.90	61.90	60.80	50.80	50.00	49.20	63.80	62.70	61.70	51.70	50.80	50.00
B 10.11			Hill Side Drain Clearance													
			Removal of earth from the choked hill side drain and disposing it on the valley side manually	Metre	73.10	71.90	70.70	73.10	71.90	70.70	73.10	71.90	70.70	73.10	71.90	70.70
B 10.12			Land Slide Clearance in soil													
			Clearance of land slides in soil and ordinary rock by a bull-dozer D 80 A-12, 180 HP and disposal of the same on the valley side	Cum	80.30	79.00	77.70	80.30	79.00	77.70	80.30	79.00	77.70	80.30	79.00	77.70
B 10.13			Landslide Clearance in Hard Rock Requiring Blasting													
			Clearing of land slide in hard rock requiring blasting for 50 per cent of the boulders and disposal of the same on the valley side.	Cum	128.90	126.70	124.60	128.90	126.70	124.60	130.90	128.80	126.60	130.90	128.80	126.60
B 10.14			Snow Clearance													
	A		Snow Clearance on Roads with Dozer	Cum	5.40	5.30	5.30	5.40	5.30	5.30	5.40	5.30	5.30	5.40	5.30	5.30
			Snow clearance from road surface by a bull- dozer 165 Hp and disposing it on the valley side													
	B		Snow Clearance on Roads with Back hoe loader	Cum	4.80	4.70	4.60	4.80	4.70	4.60	4.80	4.70	4.60	4.80	4.70	4.60
			Snow clearance from road surface by backhoe loader and disposing it on the valley side													
B 10.15			Snow Clearance on Roads with Snow Blowers	Cum	7.70	7.60	7.40	7.70	7.60	7.40	7.70	7.60	7.40	7.70	7.60	7.40
			Snow clearance from road surface by a snow blower and disposing on the valley side.													

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 10.08	B		Crack Prevention courses.													
	(i)		Stress Absorbing Membrane (SAM) crack width less than 6 mm	Sqm	112.10	110.20	108.40	112.10	110.20	108.40	111.70	109.80	108.00	111.70	109.80	108.00
	(ii)		Crack Prevention courses. - Stress Absorbing Membrane (SAM) with crack width 6 mm to 9 mm	Sqm	128.70	126.60	124.50	128.70	126.60	124.50	128.30	126.20	124.10	128.30	126.20	124.10
	(iii)		Crack Prevention courses. - Stress Absorbing Membrane (SAM) crack width above 9 mm and cracked area above 50 per cent	Sqm	169.50	166.70	163.90	169.50	166.70	163.90	168.80	166.10	163.30	168.80	166.10	163.30
	(iv)		Crack Prevention courses. - Bitumen Impregnated Geotextile	Sqm	410.00	403.30	396.60	410.00	403.30	396.60	401.90	395.30	388.70	401.90	395.30	388.70
	C		Slurry Seal													
	(i)		5 mm thickness	Sqm	127.30	124.80	122.60	124.20	121.50	119.30	126.70	124.30	122.10	123.70	121.10	118.80
	(ii)		3 mm thickness	Sqm	88.30	86.50	85.00	89.70	87.70	86.10	87.90	86.10	84.60	89.30	87.30	85.70
	(iii)		1.5 mm thickness	Sqm	53.60	52.50	51.50	53.60	52.50	51.50	53.40	52.20	51.30	53.40	52.20	51.30
	D		Surface Dressing for maintenance works													
	(i)		19 mm nominal chipping size	Sqm	151.20	148.50	145.90	151.20	148.50	145.90	150.80	148.00	145.40	150.80	148.00	145.40
	(ii)		13 mm nominal size chipping	Sqm	117.70	115.60	113.70	117.70	115.60	113.70	117.30	115.20	113.30	117.30	115.20	113.30
B 10.09			Repair of Joint Grooves with Epoxy Mortar													
			Repair of spalled joint grooves of contraction joints, longitudinal joints and expansion joints in concrete pavements using epoxy mortar or epoxy concrete	Metre	1428.20	1404.80	1381.40	1399.50	1376.50	1353.60	1397.20	1374.30	1351.40	1368.50	1346.10	1323.60
B 10.10			Repair of old Joints Sealant													
			Removal of existing sealant and re sealing of contraction, longitudinal or expansion joints in concrete pavement with fresh sealant material	Metre	65.30	64.30	63.20	53.20	52.40	51.50	65.00	63.90	62.80	52.90	52.00	51.10
B 10.11			Hill Side Drain Clearance													
			Removal of earth from the choked hill side drain and disposing it on the valley side manually	Metre	73.10	71.90	70.70	73.10	71.90	70.70	73.10	71.90	70.70	73.10	71.90	70.70
B 10.12			Land Slide Clearance in soil													
			Clearance of land slides in soil and ordinary rock by a bull-dozer D 80 A-12, 180 HP and disposal of the same on the valley side	Cum	80.30	79.00	77.70	80.30	79.00	77.70	80.30	79.00	77.70	80.30	79.00	77.70
B 10.13			Landslide Clearance in Hard Rock Requiring Blasting													
			Clearing of land slide in hard rock requiring blasting for 50 per cent of the boulders and disposal of the same on the valley side.	Cum	134.70	132.50	130.30	134.70	132.50	130.30	133.80	131.60	129.40	133.80	131.60	129.40
B 10.14			Snow Clearance													
	A		Snow Clearance on Roads with Dozer	Cum	5.40	5.30	5.30	5.40	5.30	5.30	5.40	5.30	5.30	5.40	5.30	5.30
			Snow clearance from road surface by a bull- dozer 165 Hp and disposing it on the valley side													
	B		Snow Clearance on Roads with Back hoe loader	Cum	4.80	4.70	4.60	4.80	4.70	4.60	4.80	4.70	4.60	4.80	4.70	4.60
			Snow clearance from road surface by backhoe loader and disposing it on the valley side													
B 10.15			Snow Clearance on Roads with Snow Blowers	Cum	7.70	7.60	7.40	7.70	7.60	7.40	7.70	7.60	7.40	7.70	7.60	7.40
			Snow clearance from road surface by a snow blower and disposing on the valley side.													

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 10.08	B		Crack Prevention courses.													
	(i)		Stress Absorbing Membrane (SAM) crack width less than 6 mm	Sqm	109.00	107.20	105.50	109.00	107.20	105.50	112.70	110.80	109.00	112.70	110.80	109.00
	(ii)		Crack Prevention courses. - Stress Absorbing Membrane (SAM) with crack width 6 mm to 9 mm	Sqm	125.00	123.00	120.90	125.00	123.00	120.90	129.50	127.40	125.30	129.50	127.40	125.30
	(iii)		Crack Prevention courses. - Stress Absorbing Membrane (SAM) crack width above 9 mm and cracked area above 50 per cent	Sqm	164.40	161.70	159.00	164.40	161.70	159.00	170.50	167.70	164.90	170.50	167.70	164.90
	(iv)		Crack Prevention courses. - Bitumen Impregnated Geotextile	Sqm	360.30	354.40	348.50	360.30	354.40	348.50	413.30	406.50	399.70	413.30	406.50	399.70
	C		Slurry Seal													
	(i)		5 mm thickness	Sqm	123.20	120.80	118.70	120.40	117.80	115.60	128.10	125.60	123.40	125.00	122.30	120.10
	(ii)		3 mm thickness	Sqm	85.40	83.70	82.20	86.90	84.90	83.40	88.80	87.00	85.50	90.20	88.20	86.60
	(iii)		1.5 mm thickness	Sqm	51.90	50.80	49.80	51.90	50.80	49.80	54.00	52.80	51.90	54.00	52.80	51.90
	D		Surface Dressing for maintenance works													
	(i)		19 mm nominal chipping size	Sqm	147.50	144.80	142.30	147.50	144.80	142.30	152.00	149.30	146.70	152.00	149.30	146.70
	(ii)		13 mm nominal size chipping	Sqm	114.50	112.50	110.60	114.50	112.50	110.60	118.40	116.30	114.30	118.40	116.30	114.30
B 10.09			Repair of Joint Grooves with Epoxy Mortar													
			Repair of spalled joint grooves of contraction joints, longitudinal joints and expansion joints in concrete pavements using epoxy mortar or epoxy concrete	Metre	1242.40	1222.00	1201.70	1213.60	1193.80	1173.90	1438.50	1414.90	1391.40	1409.80	1386.70	1363.60
B 10.10			Repair of old Joints Sealant													
			Removal of existing sealant and re sealing of contraction, longitudinal or expansion joints in concrete pavement with fresh sealant material	Metre	63.10	62.10	61.10	51.10	50.20	49.40	65.50	64.40	63.30	53.40	52.50	51.60
B 10.11			Hill Side Drain Clearance													
			Removal of earth from the choked hill side drain and disposing it on the valley side manually	Metre	73.10	71.90	70.70	73.10	71.90	70.70	73.10	71.90	70.70	73.10	71.90	70.70
B 10.12			Land Slide Clearance in soil													
			Clearance of land slides in soil and ordinary rock by a bull-dozer D 80 A-12, 180 HP and disposal of the same on the valley side	Cum	80.30	79.00	77.70	80.30	79.00	77.70	80.30	79.00	77.70	80.30	79.00	77.70
B 10.13			Landslide Clearance in Hard Rock Requiring Blasting													
			Clearing of land slide in hard rock requiring blasting for 50 per cent of the boulders and disposal of the same on the valley side.	Cum	129.40	127.30	125.20	129.40	127.30	125.20	135.00	132.80	130.60	135.00	132.80	130.60
B 10.14			Snow Clearance													
	A		Snow Clearance on Roads with Dozer	Cum	5.40	5.30	5.30	5.40	5.30	5.30	5.40	5.30	5.30	5.40	5.30	5.30
			Snow clearance from road surface by a bull- dozer 165 Hp and disposing it on the valley side													
	B		Snow Clearance on Roads with Back hoe loader	Cum	4.80	4.70	4.60	4.80	4.70	4.60	4.80	4.70	4.60	4.80	4.70	4.60
			Snow clearance from road surface by backhoe loader and disposing it on the valley side													
B 10.15			Snow Clearance on Roads with Snow Blowers	Cum	7.70	7.60	7.40	7.70	7.60	7.40	7.70	7.60	7.40	7.70	7.60	7.40
			Snow clearance from road surface by a snow blower and disposing on the valley side.													

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 10.08	B		Crack Prevention courses.													
	(i)		Stress Absorbing Membrane (SAM) crack width less than 6 mm	Sqm	109.80	108.00	106.20	109.80	108.00	106.20	110.40	108.60	106.80	110.40	108.60	106.80
	(ii)		Crack Prevention courses. - Stress Absorbing Membrane (SAM) with crack width 6 mm to 9 mm	Sqm	126.00	123.90	121.80	126.00	123.90	121.80	126.70	124.70	122.60	126.70	124.70	122.60
	(iii)		Crack Prevention courses. - Stress Absorbing Membrane (SAM) crack width above 9 mm and cracked area above 50 per cent	Sqm	165.70	163.00	160.30	165.70	163.00	160.30	166.80	164.00	161.30	166.80	164.00	161.30
	(iv)		Crack Prevention courses. - Bitumen Impregnated Geotextile	Sqm	363.70	357.70	351.80	363.70	357.70	351.80	387.60	381.20	374.90	387.60	381.20	374.90
	C		Slurry Seal													
	(i)		5 mm thickness	Sqm	124.20	121.80	119.70	121.30	118.70	116.50	125.10	122.70	120.50	122.10	119.50	117.30
	(ii)		3 mm thickness	Sqm	86.10	84.40	82.90	87.60	85.60	84.00	86.70	85.00	83.50	88.20	86.20	84.60
	(iii)		1.5 mm thickness	Sqm	52.30	51.20	50.30	52.30	51.20	50.30	52.70	51.60	50.60	52.70	51.60	50.60
	D		Surface Dressing for maintenance works													
	(i)		19 mm nominal chipping size	Sqm	148.40	145.70	143.20	148.40	145.70	143.20	149.20	146.50	143.90	149.20	146.50	143.90
	(ii)		13 mm nominal size chipping	Sqm	115.30	113.30	111.40	115.30	113.30	111.40	116.00	114.00	112.00	116.00	114.00	112.00
B 10.09			Repair of Joint Grooves with Epoxy Mortar													
			Repair of spalled joint grooves of contraction joints, longitudinal joints and expansion joints in concrete pavements using epoxy mortar or epoxy concrete	Metre	1252.70	1232.20	1211.60	1224.00	1203.90	1183.80	1345.60	1323.60	1301.50	1316.90	1295.30	1273.70
B 10.10			Repair of old Joints Sealant													
			Removal of existing sealant and re sealing of contraction, longitudinal or expansion joints in concrete pavement with fresh sealant material	Metre	63.30	62.20	61.20	51.20	50.30	49.50	64.40	63.30	62.30	52.30	51.40	50.60
B 10.11			Hill Side Drain Clearance													
			Removal of earth from the choked hill side drain and disposing it on the valley side manually	Metre	73.10	71.90	70.70	73.10	71.90	70.70	73.10	71.90	70.70	73.10	71.90	70.70
B 10.12			Land Slide Clearance in soil													
			Clearance of land slides in soil and ordinary rock by a bull-dozer D 80 A-12, 180 HP and disposal of the same on the valley side	Cum	80.30	79.00	77.70	80.30	79.00	77.70	80.30	79.00	77.70	80.30	79.00	77.70
B 10.13			Landslide Clearance in Hard Rock Requiring Blasting													
			Clearing of land slide in hard rock requiring blasting for 50 per cent of the boulders and disposal of the same on the valley side.	Cum	129.70	127.60	125.50	129.70	127.60	125.50	132.40	130.20	128.00	132.40	130.20	128.00
B 10.14			Snow Clearance													
	A		Snow Clearance on Roads with Dozer	Cum	5.40	5.30	5.30	5.40	5.30	5.30	5.40	5.30	5.30	5.40	5.30	5.30
			Snow clearance from road surface by a bull- dozer 165 Hp and disposing it on the valley side													
	B		Snow Clearance on Roads with Back hoe loader	Cum	4.80	4.70	4.60	4.80	4.70	4.60	4.80	4.70	4.60	4.80	4.70	4.60
			Snow clearance from road surface by backhoe loader and disposing it on the valley side													
B 10.15			Snow Clearance on Roads with Snow Blowers	Cum	7.70	7.60	7.40	7.70	7.60	7.40	7.70	7.60	7.40	7.70	7.60	7.40
			Snow clearance from road surface by a snow blower and disposing on the valley side.													

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 10.08	B		Crack Prevention courses.													
	(i)		Stress Absorbing Membrane (SAM) crack width less than 6 mm	Sqm	116.10	114.20	112.30	116.10	114.20	112.30	114.20	112.30	110.50	114.20	112.30	110.50
	(ii)		Crack Prevention courses. - Stress Absorbing Membrane (SAM) with crack width 6 mm to 9 mm	Sqm	133.70	131.50	129.30	133.70	131.50	129.30	131.40	129.20	127.10	131.40	129.20	127.10
	(iii)		Crack Prevention courses. - Stress Absorbing Membrane (SAM) crack width above 9 mm and cracked area above 50 per cent	Sqm	176.20	173.30	170.40	176.20	173.30	170.40	173.10	170.20	167.40	173.10	170.20	167.40
	(iv)		Crack Prevention courses. - Bitumen Impregnated Geotextile	Sqm	442.80	435.50	428.30	442.80	435.50	428.30	425.20	418.30	411.30	425.20	418.30	411.30
	C		Slurry Seal													
	(i)		5 mm thickness	Sqm	132.50	129.90	127.60	129.10	126.40	124.10	130.00	127.50	125.30	126.80	124.10	121.80
	(ii)		3 mm thickness	Sqm	91.90	90.10	88.50	93.30	91.30	89.60	90.20	88.40	86.80	91.60	89.60	87.90
	(iii)		1.5 mm thickness	Sqm	55.90	54.70	53.70	55.90	54.70	53.70	54.80	53.60	52.70	54.80	53.60	52.70
	D		Surface Dressing for maintenance works													
	(i)		19 mm nominal chipping size	Sqm	156.30	153.40	150.80	156.30	153.40	150.80	153.90	151.10	148.50	153.90	151.10	148.50
	(ii)		13 mm nominal size chipping	Sqm	121.90	119.80	117.70	121.90	119.80	117.70	119.90	117.80	115.80	119.90	117.80	115.80
B 10.09			Repair of Joint Grooves with Epoxy Mortar													
			Repair of spalled joint grooves of contraction joints, longitudinal joints and expansion joints in concrete pavements using epoxy mortar or epoxy concrete	Metre	1541.80	1516.50	1491.20	1513.00	1488.20	1463.40	1479.80	1455.60	1431.30	1451.10	1427.30	1403.50
B 10.10			Repair of old Joints Sealant													
			Removal of existing sealant and re sealing of contraction, longitudinal or expansion joints in concrete pavement with fresh sealant material	Metre	66.70	65.60	64.50	54.60	53.70	52.80	65.90	64.90	63.80	53.90	53.00	52.10
B 10.11			Hill Side Drain Clearance													
			Removal of earth from the choked hill side drain and disposing it on the valley side manually	Metre	73.10	71.90	70.70	73.10	71.90	70.70	73.10	71.90	70.70	73.10	71.90	70.70
B 10.12			Land Slide Clearance in soil													
			Clearance of land slides in soil and ordinary rock by a bull-dozer D 80 A-12, 180 HP and disposal of the same on the valley side	Cum	80.30	79.00	77.70	80.30	79.00	77.70	80.30	79.00	77.70	80.30	79.00	77.70
B 10.13			Landslide Clearance in Hard Rock Requiring Blasting													
			Clearing of land slide in hard rock requiring blasting for 50 per cent of the boulders and disposal of the same on the valley side.	Cum	137.90	135.60	133.40	137.90	135.60	133.40	136.10	133.90	131.70	136.10	133.90	131.70
B 10.14			Snow Clearance													
	A		Snow Clearance on Roads with Dozer	Cum	5.40	5.30	5.30	5.40	5.30	5.30	5.40	5.30	5.30	5.40	5.30	5.30
			Snow clearance from road surface by a bull- dozer 165 Hp and disposing it on the valley side													
	B		Snow Clearance on Roads with Back hoe loader	Cum	4.80	4.70	4.60	4.80	4.70	4.60	4.80	4.70	4.60	4.80	4.70	4.60
			Snow clearance from road surface by backhoe loader and disposing it on the valley side													
B 10.15			Snow Clearance on Roads with Snow Blowers	Cum	7.70	7.60	7.40	7.70	7.60	7.40	7.70	7.60	7.40	7.70	7.60	7.40
			Snow clearance from road surface by a snow blower and disposing on the valley side.													

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 10.16			Replacement of Metal Beam Crash Barrier													
	A		Type - A, "W" : Metal Beam Crash Barrier Replacement of "W" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 70 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 1.8 m high, 1.1 m below ground/road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm, 330 mm long complete as per clause 811	Metre	3167.60	3115.70	3063.80	3050.20	3000.20	2950.20	3186.60	3134.40	3082.20	3069.20	3018.90	2968.60
	B		Type -B, "THRIE" Metal Beam Crash Barrier Replacement of "THRIE" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 85 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 2.0 m high, 1.15 m below ground/road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm, 546 mm long complete as per clause 811	Metre	3513.30	3455.70	3398.10	3395.90	3340.20	3284.50	3448.50	3391.90	3335.40	3331.00	3276.40	3221.80
B 10.17			Network Survey Vehicle (NSV) attached with SUV													
			Data collection of Longitudinal profiling (International Roughness Index), Transverse Profiling (Rut Depth), Pavement Texture in terms of Mean Profile Depth, Road Geometry Data (cross slopes, gradient, curvature), GPS coordinates XYZ viz, longitude, latitude, & altitude, video imaging for Roadside furniture/ Road Assets and Video imaging for Pavement Surface Distresses and reports	Lane Km	243.80	239.80	235.80	230.10	226.30	222.50	243.80	239.80	235.80	230.10	226.30	222.50
B 10.18			Falling Weight Deflectometer (FWD)	Lane Km	547.30	538.30	529.30	540.70	531.90	523.00	547.30	538.30	529.30	540.70	531.90	523.00
B 10.19			Road Retroreflectometer attached with SUV	Km	2948.20	2899.90	2851.50	2781.30	2735.70	2690.10	2948.20	2899.90	2851.50	2781.30	2735.70	2690.10
B 10.20			Automatic Vehicle Counter Classifier (ATCC)	Per Location	135213.40	132996.80	130780.20	110438.90	108628.40	106818.00	135213.40	132996.80	130780.20	110438.90	108628.40	106818.00

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 10.16			Replacement of Metal Beam Crash Barrier													
	A		Type - A, "W" : Metal Beam Crash Barrier Replacement of "W" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 70 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 1.8 m high, 1.1 m below ground/road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm, 330 mm long complete as per clause 811	Metre	3167.60	3115.70	3063.80	3050.20	3000.20	2950.20	3195.40	3143.00	3090.60	3078.00	3027.50	2977.10
	B		Type -B, "THRIE" Metal Beam Crash Barrier Replacement of "THRIE" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 85 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 2.0 m high, 1.15 m below ground/road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm, 546 mm long complete as per clause 811	Metre	3513.30	3455.70	3398.10	3395.90	3340.20	3284.50	3610.20	3551.10	3491.90	3492.80	3435.60	3378.30
B 10.17			Network Survey Vehicle (NSV) attached with SUV													
			Data collection of Longitudinal profiling (International Roughness Index), Transverse Profiling (Rut Depth), Pavement Texture in terms of Mean Profile Depth, Road Geometry Data (cross slopes, gradient, curvature), GPS coordinates XYZ viz, longitude, latitude, & altitude, video imaging for Roadside furniture/ Road Assets and Video imaging for Pavement Surface Distresses and reports	Lane Km	243.80	239.80	235.80	230.10	226.30	222.50	243.80	239.80	235.80	230.10	226.30	222.50
B 10.18			Falling Weight Deflectometer (FWD)	Lane Km	547.30	538.30	529.30	540.70	531.90	523.00	547.30	538.30	529.30	540.70	531.90	523.00
B 10.19			Road Retroreflectometer attached with SUV	Km	2948.20	2899.90	2851.50	2781.30	2735.70	2690.10	2948.20	2899.90	2851.50	2781.30	2735.70	2690.10
B 10.20			Automatic Vehicle Counter Classifier (ATCC)	Per Location	135213.40	132996.80	130780.20	110438.90	108628.40	106818.00	135213.40	132996.80	130780.20	110438.90	108628.40	106818.00

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 10.16			Replacement of Metal Beam Crash Barrier													
	A		Type - A, "W" : Metal Beam Crash Barrier Replacement of "W" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 70 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 1.8 m high, 1.1 m below ground/road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm, 330 mm long complete as per clause 811	Metre	3165.40	3113.50	3061.60	3048.00	2998.00	2948.10	3172.30	3120.30	3068.30	3054.90	3004.80	2954.80
	B		Type -B, "THRIE" Metal Beam Crash Barrier Replacement of "THRIE" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 85 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 2.0 m high, 1.15 m below ground/road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm, 546 mm long complete as per clause 811	Metre	3734.30	3673.10	3611.90	3616.90	3557.60	3498.30	3705.70	3644.90	3584.20	3588.30	3529.40	3470.60
B 10.17			Network Survey Vehicle (NSV) attached with SUV													
			Data collection of Longitudinal profiling (International Roughness Index), Transverse Profiling (Rut Depth), Pavement Texture in terms of Mean Profile Depth, Road Geometry Data (cross slopes, gradient, curvature), GPS coordinates XYZ viz, longitude, latitude, & altitude, video imaging for Roadside furniture/ Road Assets and Video imaging for Pavement Surface Distresses and reports	Lane Km	243.80	239.80	235.80	230.10	226.30	222.50	243.80	239.80	235.80	230.10	226.30	222.50
B 10.18			Falling Weight Deflectometer (FWD)	Lane Km	547.30	538.30	529.30	540.70	531.90	523.00	547.30	538.30	529.30	540.70	531.90	523.00
B 10.19			Road Retroreflectometer attached with SUV	Km	2948.20	2899.90	2851.50	2781.30	2735.70	2690.10	2948.20	2899.90	2851.50	2781.30	2735.70	2690.10
B 10.20			Automatic Vehicle Counter Classifier (ATCC)	Per Location	135213.40	132996.80	130780.20	110438.90	108628.40	106818.00	135213.40	132996.80	130780.20	110438.90	108628.40	106818.00

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 10.16			Replacement of Metal Beam Crash Barrier													
	A		Type - A, "W" : Metal Beam Crash Barrier Replacement of "W" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 70 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 1.8 m high, 1.1 m below ground/road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm, 330 mm long complete as per clause 811	Metre	3176.10	3124.10	3072.00	3058.70	3008.60	2958.40	3183.60	3131.50	3079.30	3066.20	3016.00	2965.70
	B		Type -B, "THRIE" Metal Beam Crash Barrier Replacement of "THRIE" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 85 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 2.0 m high, 1.15 m below ground/road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm, 546 mm long complete as per clause 811	Metre	3541.40	3483.30	3425.30	3424.00	3367.80	3311.70	3757.90	3696.30	3634.70	3640.50	3580.80	3521.20
B 10.17			Network Survey Vehicle (NSV) attached with SUV													
			Data collection of Longitudinal profiling (International Roughness Index), Transverse Profiling (Rut Depth), Pavement Texture in terms of Mean Profile Depth, Road Geometry Data (cross slopes, gradient, curvature), GPS coordinates XYZ viz, longitude, latitude, & altitude, video imaging for Roadside furniture/ Road Assets and Video imaging for Pavement Surface Distresses and reports	Lane Km	243.80	239.80	235.80	230.10	226.30	222.50	243.80	239.80	235.80	230.10	226.30	222.50
B 10.18			Falling Weight Deflectometer (FWD)	Lane Km	547.30	538.30	529.30	540.70	531.90	523.00	547.30	538.30	529.30	540.70	531.90	523.00
B 10.19			Road Retroreflectometer attached with SUV	Km	2948.20	2899.90	2851.50	2781.30	2735.70	2690.10	2948.20	2899.90	2851.50	2781.30	2735.70	2690.10
B 10.20			Automatic Vehicle Counter Classifier (ATCC)	Per Location	135213.40	132996.80	130780.20	110438.90	108628.40	106818.00	135213.40	132996.80	130780.20	110438.90	108628.40	106818.00

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 10.16			Replacement of Metal Beam Crash Barrier													
	A		Type - A, "W" : Metal Beam Crash Barrier Replacement of "W" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 70 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 1.8 m high, 1.1 m below ground/road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm, 330 mm long complete as per clause 811	Metre	3199.50	3147.00	3094.60	3082.10	3031.50	2981.00	3158.20	3106.40	3054.70	3040.80	2991.00	2941.10
	B		Type -B, "THRIE" Metal Beam Crash Barrier Replacement of "THRIE" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 85 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 2.0 m high, 1.15 m below ground/road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm, 546 mm long complete as per clause 811	Metre	3568.50	3510.00	3451.50	3451.10	3394.50	3338.00	3640.40	3580.70	3521.00	3522.90	3465.20	3407.40
B 10.17			Network Survey Vehicle (NSV) attached with SUV													
			Data collection of Longitudinal profiling (International Roughness Index), Transverse Profiling (Rut Depth), Pavement Texture in terms of Mean Profile Depth, Road Geometry Data (cross slopes, gradient, curvature), GPS coordinates XYZ viz, longitude, latitude, & altitude, video imaging for Roadside furniture/ Road Assets and Video imaging for Pavement Surface Distresses and reports	Lane Km	243.80	239.80	235.80	230.10	226.30	222.50	243.80	239.80	235.80	230.10	226.30	222.50
B 10.18			Falling Weight Deflectometer (FWD)	Lane Km	547.30	538.30	529.30	540.70	531.90	523.00	547.30	538.30	529.30	540.70	531.90	523.00
B 10.19			Road Retroreflectometer attached with SUV	Km	2948.20	2899.90	2851.50	2781.30	2735.70	2690.10	2948.20	2899.90	2851.50	2781.30	2735.70	2690.10
B 10.20			Automatic Vehicle Counter Classifier (ATCC)	Per Location	135213.40	132996.80	130780.20	110438.90	108628.40	106818.00	135213.40	132996.80	130780.20	110438.90	108628.40	106818.00

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 10.16			Replacement of Metal Beam Crash Barrier													
	A		Type - A, "W" : Metal Beam Crash Barrier Replacement of "W" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 70 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 1.8 m high, 1.1 m below ground/road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm, 330 mm long complete as per clause 811	Metre	3247.80	3194.60	3141.30	3130.40	3079.10	3027.70	3215.50	3162.80	3110.00	3098.00	3047.30	2996.50
	B		Type -B, "THRIE" Metal Beam Crash Barrier Replacement of "THRIE" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 85 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 2.0 m high, 1.15 m below ground/road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm, 546 mm long complete as per clause 811	Metre	3913.20	3849.10	3784.90	3795.80	3733.60	3671.30	3824.30	3761.60	3698.90	3706.90	3646.10	3585.30
B 10.17			Network Survey Vehicle (NSV) attached with SUV													
			Data collection of Longitudinal profiling (International Roughness Index), Transverse Profiling (Rut Depth), Pavement Texture in terms of Mean Profile Depth, Road Geometry Data (cross slopes, gradient, curvature), GPS coordinates XYZ viz, longitude, latitude, & altitude, video imaging for Roadside furniture/ Road Assets and Video imaging for Pavement Surface Distresses and reports	Lane Km	243.80	239.80	235.80	230.10	226.30	222.50	243.80	239.80	235.80	230.10	226.30	222.50
B 10.18			Falling Weight Deflectometer (FWD)	Lane Km	547.30	538.30	529.30	540.70	531.90	523.00	547.30	538.30	529.30	540.70	531.90	523.00
B 10.19			Road Retroreflectometer attached with SUV	Km	2948.20	2899.90	2851.50	2781.30	2735.70	2690.10	2948.20	2899.90	2851.50	2781.30	2735.70	2690.10
B 10.20			Automatic Vehicle Counter Classifier (ATCC)	Per Location	135213.40	132996.80	130780.20	110438.90	108628.40	106818.00	135213.40	132996.80	130780.20	110438.90	108628.40	106818.00

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			11 : HORTICULTURE													
B 11.01			Spreading of Sludge Farm Yard Manure or/and good Earth													
			Spreading of sludge farm yard manure or/ and good earth in required thickness (cost of sludge, farm yard manure or/and good earth to be paid for separately)	Cum	64.80	63.70	62.70	48.70	47.90	47.10	64.80	63.70	62.70	48.70	47.90	47.10
B 11.02			Grassing with ' Doobs' Grass													
			Grassing with 'Doobs' grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn free from weeds and fit for moving including supplying good earth if needed													
	(i)		In rows 15 cm apart in either direction.	Sqm	29.60	29.10	28.60	25.40	25.00	24.60	29.20	28.70	28.30	25.00	24.60	24.20
	(ii)		In rows 7.5 cm apart in either direction	Sqm	43.80	43.10	42.40	38.40	37.70	37.10	43.00	42.30	41.60	37.60	37.00	36.30
B 11.03			Making Lawns including Ploughing and Dragging with 'Swagha' Breaking of Clod													
			Making lawns including ploughing and breaking of clod, removal of rubbish, dressing and supplying doobs grass roots and planting at 15 cm apart, including supplying and spreading of farm yard manure at rate of 0.18 cum per 100 sqm	Sqm	57.90	57.00	56.00	54.30	53.40	52.50	55.50	54.60	53.70	51.90	51.00	50.20
B 11.04			Maintenance of Lawns or Turfing of Slopes													
			Maintenance of lawns or Turfing of slopes (rough grassing) for a period of one year including watering etc	Sqm	381.40	375.20	368.90	357.30	351.40	345.60	375.70	369.50	363.30	351.50	345.80	340.00
B 11.05			Turfing Lawns with Fine Grassing including Ploughing, Dressing													
			Turfing lawns with fine grassing including ploughing, dressing including breaking of clods, removal of rubbish, dressing and supplying doobs grass roots at 10 cm apart, including supplying and spreading of farm yard manure at rate of 0.6 cum per 100 sqm	Sqm	68.70	67.60	66.50	62.70	61.70	60.60	66.20	65.20	64.10	60.20	59.20	58.20
B 11.06			Maintenance of Lawns with Fine Grassing for the First Year	Sqm	414.10	407.40	400.60	393.40	386.90	380.50	410.30	403.60	396.90	389.60	383.20	376.80
B 11.07			Planting and Maintaining of Permanent Hedges													
	(a)		Planting permanent hedges including digging of trenches, 60 cm wide and 45 cm deep, refilling the excavated earth mixed with farm yard manure, supplied at the rate of 4.65 cum per 100 meters and supplying and planting hedge plants at 30 cm apart	Metre	217.30	213.80	210.20	183.60	180.50	177.50	212.40	208.90	205.50	178.70	175.70	172.80
	(b)		Maintenance of hedge for one year	Metre	399.10	392.60	386.00	326.80	321.40	316.10	396.40	389.90	383.40	324.00	318.70	313.40
B 11.08			Planting and Maintaining of Flowering Plants and Shrubs													
	(a)		Planting flowering plants and shrubs in central verge	Km	82176.30	80829.20	79482.00	79282.80	77983.10	76683.30	78076.90	76796.90	75517.00	75183.30	73950.80	72718.30
	(b)		Maintenance of flowering plants and shrubs in central verge for one year.	Km	497456.00	489301.00	481146.00	409435.00	402722.90	396010.90	495823.60	487695.40	479567.10	407802.60	401117.30	394432.00
B 11.09			Planting of Trees and their Maintenance for one Year													

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			11 : HORTICULTURE													
B 11.01			Spreading of Sludge Farm Yard Manure or/and good Earth													
			Spreading of sludge farm yard manure or/ and good earth in required thickness (cost of sludge, farm yard manure or/and good earth to be paid for separately)	Cum	64.80	63.70	62.70	48.70	47.90	47.10	64.80	63.70	62.70	48.70	47.90	47.10
B 11.02			Grassing with ' Doobs' Grass													
			Grassing with 'Doobs' grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn free from weeds and fit for moving including supplying good earth if needed													
	(i)		In rows 15 cm apart in either direction.	Sqm	29.60	29.10	28.60	25.40	25.00	24.60	30.00	29.50	29.00	25.80	25.40	24.90
	(ii)		In rows 7.5 cm apart in either direction	Sqm	43.80	43.10	42.40	38.40	37.70	37.10	44.60	43.90	43.10	39.20	38.50	37.90
B 11.03			Making Lawns including Ploughing and Dragging with 'Swagha' Breaking of Clod													
			Making lawns including ploughing and breaking of clod, removal of rubbish, dressing and supplying doobs grass roots and planting at 15 cm apart, including supplying and spreading of farm yard manure at rate of 0.18 cum per 100 sqm	Sqm	57.90	57.00	56.00	54.30	53.40	52.50	60.30	59.30	58.30	56.70	55.80	54.80
B 11.04			Maintenance of Lawns or Turfing of Slopes													
			Maintenance of lawns or Turfing of slopes (rough grassing) for a period of one year including watering etc	Sqm	381.40	375.20	368.90	357.30	351.40	345.60	387.20	380.80	374.50	363.10	357.10	351.10
B 11.05			Turfing Lawns with Fine Grassing including Ploughing, Dressing													
			Turfing lawns with fine grassing including ploughing, dressing including breaking of clods, removal of rubbish, dressing and supplying doobs grass roots at 10 cm apart, including supplying and spreading of farm yard manure at rate of 0.6 cum per 100 sqm	Sqm	68.70	67.60	66.50	62.70	61.70	60.60	71.20	70.00	68.90	65.20	64.10	63.00
B 11.06			Maintenance of Lawns with Fine Grassing for the First Year	Sqm	414.10	407.40	400.60	393.40	386.90	380.50	418.00	411.10	404.30	397.20	390.70	384.20
B 11.07			Planting and Maintaining of Permanent Hedges													
	(a)		Planting permanent hedges including digging of trenches, 60 cm wide and 45 cm deep, refilling the excavated earth mixed with farm yard manure, supplied at the rate of 4.65 cum per 100 meters and supplying and planting hedge plants at 30 cm apart	Metre	217.30	213.80	210.20	183.60	180.50	177.50	222.20	218.60	214.90	188.40	185.40	182.30
	(b)		Maintenance of hedge for one year	Metre	399.10	392.60	386.00	326.80	321.40	316.10	401.90	395.30	388.70	329.50	324.10	318.70
B 11.08			Planting and Maintaining of Flowering Plants and Shrubs													
	(a)		Planting flowering plants and shrubs in central verge	Km	82176.30	80829.20	79482.00	79282.80	77983.10	76683.30	86275.80	84861.40	83447.10	83382.20	82015.30	80648.40
	(b)		Maintenance of flowering plants and shrubs in central verge for one year.	Km	497456.00	489301.00	481146.00	409435.00	402722.90	396010.90	499088.40	490906.70	482724.90	411067.40	404328.60	397589.70
B 11.09			Planting of Trees and their Maintenance for one Year													

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			11 : HORTICULTURE													
B 11.01			Spreading of Sludge Farm Yard Manure or/and good Earth													
			Spreading of sludge farm yard manure or/ and good earth in required thickness (cost of sludge, farm yard manure or/and good earth to be paid for separately)	Cum	64.80	63.70	62.70	48.70	47.90	47.10	64.80	63.70	62.70	48.70	47.90	47.10
B 11.02			Grassing with ' Doobs' Grass													
			Grassing with 'Doobs' grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn free from weeds and fit for moving including supplying good earth if needed													
	(i)		In rows 15 cm apart in either direction.	Sqm	30.70	30.20	29.70	26.50	26.10	25.70	30.60	30.10	29.60	26.40	25.90	25.50
	(ii)		In rows 7.5 cm apart in either direction	Sqm	46.10	45.30	44.60	40.60	40.00	39.30	45.70	45.00	44.20	40.30	39.60	39.00
B 11.03			Making Lawns including Ploughing and Dragging with 'Swagha' Breaking of Clod													
			Making lawns including ploughing and breaking of clod, removal of rubbish, dressing and supplying doobs grass roots and planting at 15 cm apart, including supplying and spreading of farm yard manure at rate of 0.18 cum per 100 sqm	Sqm	64.80	63.70	62.70	61.20	60.20	59.20	63.80	62.70	61.70	60.10	59.10	58.20
B 11.04			Maintenance of Lawns or Turfing of Slopes													
			Maintenance of lawns or Turfing of slopes (rough grassing) for a period of one year including watering etc	Sqm	397.90	391.30	384.80	373.70	367.60	361.50	395.40	388.90	382.40	371.30	365.20	359.10
B 11.05			Turfing Lawns with Fine Grassing including Ploughing, Dressing													
			Turfing lawns with fine grassing including ploughing, dressing including breaking of clods, removal of rubbish, dressing and supplying doobs grass roots at 10 cm apart, including supplying and spreading of farm yard manure at rate of 0.6 cum per 100 sqm	Sqm	75.80	74.60	73.30	69.80	68.60	67.50	74.70	73.50	72.30	68.70	67.60	66.50
B 11.06			Maintenance of Lawns with Fine Grassing for the First Year	Sqm	425.10	418.10	411.20	404.40	397.70	391.10	423.50	416.50	409.60	402.70	396.10	389.50
B 11.07			Planting and Maintaining of Permanent Hedges													
	(a)		Planting permanent hedges including digging of trenches, 60 cm wide and 45 cm deep, refilling the excavated earth mixed with farm yard manure, supplied at the rate of 4.65 cum per 100 meters and supplying and planting hedge plants at 30 cm apart	Metre	231.30	227.50	223.70	197.50	194.30	191.00	229.20	225.40	221.70	195.40	192.20	189.00
	(b)		Maintenance of hedge for one year	Metre	407.00	400.30	393.60	334.60	329.20	323.70	405.80	399.20	392.50	333.50	328.00	322.50
B 11.08			Planting and Maintaining of Flowering Plants and Shrubs													
	(a)		Planting flowering plants and shrubs in central verge	Km	93889.10	92350.00	90810.80	90995.60	89503.80	88012.10	92132.20	90621.80	89111.50	89238.60	87775.70	86312.80
	(b)		Maintenance of flowering plants and shrubs in central verge for one year.	Km	502120.00	493888.50	485657.10	414099.00	407310.40	400521.90	501420.40	493200.40	484980.40	413399.40	406622.30	399845.30
B 11.09			Planting of Trees and their Maintenance for one Year													

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			11 : HORTICULTURE													
B 11.01			Spreading of Sludge Farm Yard Manure or/and good Earth													
			Spreading of sludge farm yard manure or/ and good earth in required thickness (cost of sludge, farm yard manure or/and good earth to be paid for separately)	Cum	64.80	63.70	62.70	48.70	47.90	47.10	64.80	63.70	62.70	48.70	47.90	47.10
B 11.02			Grassing with ' Doobs' Grass													
			Grassing with 'Doobs' grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn free from weeds and fit for moving including supplying good earth if needed													
	(i)		In rows 15 cm apart in either direction.	Sqm	29.70	29.20	28.80	25.50	25.10	24.70	30.80	30.30	29.80	26.60	26.10	25.70
	(ii)		In rows 7.5 cm apart in either direction	Sqm	44.00	43.30	42.60	38.60	38.00	37.30	46.20	45.40	44.70	40.80	40.10	39.40
B 11.03			Making Lawns including Ploughing and Dragging with 'Swagha' Breaking of Clod													
			Making lawns including ploughing and breaking of clod, removal of rubbish, dressing and supplying doobs grass roots and planting at 15 cm apart, including supplying and spreading of farm yard manure at rate of 0.18 cum per 100 sqm	Sqm	58.60	57.60	56.70	55.00	54.10	53.20	65.10	64.10	63.00	61.50	60.50	59.50
B 11.04			Maintenance of Lawns or Turfing of Slopes													
			Maintenance of lawns or Turfing of slopes (rough grassing) for a period of one year including watering etc	Sqm	383.10	376.80	370.50	358.90	353.10	347.20	398.70	392.10	385.60	374.60	368.40	362.30
B 11.05			Turfing Lawns with Fine Grassing including Ploughing, Dressing													
			Turfing lawns with fine grassing including ploughing, dressing including breaking of clods, removal of rubbish, dressing and supplying doobs grass roots at 10 cm apart, including supplying and spreading of farm yard manure at rate of0.6 cum per 100 sqm	Sqm	69.40	68.30	67.10	63.40	62.40	61.30	76.10	74.90	73.70	70.10	69.00	67.80
B 11.06			Maintenance of Lawns with Fine Grassing for the First Year	Sqm	415.20	408.40	401.60	394.50	388.00	381.60	425.70	418.70	411.70	404.90	398.30	391.60
B 11.07			Planting and Maintaining of Permanent Hedges													
	(a)		Planting permanent hedges including digging of trenches, 60 cm wide and 45 cm deep, refilling the excavated earth mixed with farm yard manure, supplied at the rate of 4.65 cum per 100 meters and supplying and planting hedge plants at 30 cm apart	Metre	218.70	215.10	211.50	185.00	181.90	178.90	232.00	228.20	224.40	198.20	195.00	191.70
	(b)		Maintenance of hedge for one year	Metre	399.90	393.30	386.80	327.60	322.20	316.80	407.40	400.70	394.00	335.00	329.50	324.00
B 11.08			Planting and Maintaining of Flowering Plants and Shrubs													
	(a)		Planting flowering plants and shrubs in central verge	Km	83347.60	81981.30	80614.90	80454.00	79135.10	77816.20	94474.80	92926.00	91377.20	91581.20	90079.90	88578.50
	(b)		Maintenance of flowering plants and shrubs in central verge for one year.	Km	497922.40	489759.80	481597.10	409901.40	403181.70	396462.00	502353.20	494117.90	485882.60	414332.20	407539.80	400747.50
B 11.09			Planting of Trees and their Maintenance for one Year													

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			11 : HORTICULTURE													
B 11.01			Spreading of Sludge Farm Yard Manure or/and good Earth													
			Spreading of sludge farm yard manure or/ and good earth in required thickness (cost of sludge, farm yard manure or/and good earth to be paid for separately)	Cum	64.80	63.70	62.70	48.70	47.90	47.10	64.80	63.70	62.70	48.70	47.90	47.10
B 11.02			Grassing with ' Doobs' Grass													
			Grassing with 'Doobs' grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn free from weeds and fit for moving including supplying good earth if needed													
	(i)		In rows 15 cm apart in either direction.	Sqm	29.80	29.30	28.80	25.60	25.10	24.70	30.30	29.80	29.30	26.10	25.60	25.20
	(ii)		In rows 7.5 cm apart in either direction	Sqm	44.10	43.40	42.70	38.70	38.10	37.40	45.20	44.40	43.70	39.70	39.10	38.40
B 11.03			Making Lawns including Ploughing and Dragging with 'Swagha' Breaking of Clod													
			Making lawns including ploughing and breaking of clod, removal of rubbish, dressing and supplying doobs grass roots and planting at 15 cm apart, including supplying and spreading of farm yard manure at rate of 0.18 cum per 100 sqm	Sqm	58.90	58.00	57.00	55.30	54.40	53.50	62.00	61.00	60.00	58.40	57.50	56.50
B 11.04			Maintenance of Lawns or Turfing of Slopes													
			Maintenance of lawns or Turfing of slopes (rough grassing) for a period of one year including watering etc	Sqm	383.90	377.60	371.30	359.80	353.90	348.00	391.30	384.90	378.40	367.20	361.10	355.10
B 11.05			Turfing Lawns with Fine Grassing including Ploughing, Dressing													
			Turfing lawns with fine grassing including ploughing, dressing including breaking of clods, removal of rubbish, dressing and supplying doobs grass roots at 10 cm apart, including supplying and spreading of farm yard manure at rate of 0.6 cum per 100 sqm	Sqm	69.80	68.60	67.50	63.70	62.70	61.70	73.00	71.80	70.60	66.90	65.80	64.70
B 11.06			Maintenance of Lawns with Fine Grassing for the First Year	Sqm	415.80	409.00	402.20	395.00	388.60	382.10	420.70	413.80	406.90	400.00	393.40	386.90
B 11.07			Planting and Maintaining of Permanent Hedges													
	(a)		Planting permanent hedges including digging of trenches, 60 cm wide and 45 cm deep, refilling the excavated earth mixed with farm yard manure, supplied at the rate of 4.65 cum per 100 meters and supplying and planting hedge plants at 30 cm apart	Metre	219.40	215.80	212.20	185.60	182.60	179.60	225.70	222.00	218.30	191.90	188.80	185.60
	(b)		Maintenance of hedge for one year	Metre	400.30	393.70	387.20	327.90	322.60	317.20	403.80	397.20	390.60	331.50	326.10	320.60
B 11.08			Planting and Maintaining of Flowering Plants and Shrubs													
	(a)		Planting flowering plants and shrubs in central verge	Km	83933.20	82557.30	81181.30	81039.70	79711.20	78382.60	89204.00	87741.60	86279.30	86310.40	84895.50	83480.60
	(b)		Maintenance of flowering plants and shrubs in central verge for one year.	Km	498155.60	489989.10	481822.70	410134.60	403411.00	396687.50	500254.40	492053.50	483852.60	412233.40	405475.40	398717.50
B 11.09			Planting of Trees and their Maintenance for one Year													

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			11 : HORTICULTURE													
B 11.01			Spreading of Sludge Farm Yard Manure or/and good Earth													
			Spreading of sludge farm yard manure or/ and good earth in required thickness (cost of sludge, farm yard manure or/and good earth to be paid for separately)	Cum	64.80	63.70	62.70	48.70	47.90	47.10	64.80	63.70	62.70	48.70	47.90	47.10
B 11.02			Grassing with ' Doobs' Grass													
			Grassing with 'Doobs' grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn free from weeds and fit for moving including supplying good earth if needed													
	(i)		In rows 15 cm apart in either direction.	Sqm	31.40	30.90	30.30	27.10	26.70	26.30	31.00	30.50	30.00	26.80	26.40	25.90
	(ii)		In rows 7.5 cm apart in either direction	Sqm	47.30	46.50	45.80	41.90	41.20	40.50	46.60	45.90	45.10	41.20	40.50	39.90
B 11.03			Making Lawns including Ploughing and Dragging with 'Swagha' Breaking of Clod													
			Making lawns including ploughing and breaking of clod, removal of rubbish, dressing and supplying doobs grass roots and planting at 15 cm apart, including supplying and spreading of farm yard manure at rate of 0.18 cum per 100 sqm	Sqm	68.60	67.40	66.30	64.90	63.90	62.80	66.50	65.40	64.30	62.90	61.90	60.80
B 11.04			Maintenance of Lawns or Turfing of Slopes													
			Maintenance of lawns or Turfing of slopes (rough grassing) for a period of one year including watering etc	Sqm	406.90	400.20	393.60	382.80	376.50	370.20	402.00	395.40	388.80	377.80	371.70	365.50
B 11.05			Turfing Lawns with Fine Grassing including Ploughing, Dressing													
			Turfing lawns with fine grassing including ploughing, dressing including breaking of clods, removal of rubbish, dressing and supplying doobs grass roots at 10 cm apart, including supplying and spreading of farm yard manure at rate of0.6 cum per 100 sqm	Sqm	79.70	78.40	77.10	73.70	72.50	71.20	77.60	76.30	75.00	71.50	70.40	69.20
B 11.06			Maintenance of Lawns with Fine Grassing for the First Year	Sqm	431.10	424.10	417.00	410.40	403.70	396.90	427.80	420.80	413.80	407.10	400.40	393.70
B 11.07			Planting and Maintaining of Permanent Hedges													
	(a)		Planting permanent hedges including digging of trenches, 60 cm wide and 45 cm deep, refilling the excavated earth mixed with farm yard manure, supplied at the rate of 4.65 cum per 100 meters and supplying and planting hedge plants at 30 cm apart	Metre	239.00	235.00	231.10	205.20	201.80	198.50	234.80	230.90	227.10	201.00	197.70	194.40
	(b)		Maintenance of hedge for one year	Metre	411.30	404.60	397.80	339.00	333.40	327.90	409.00	402.20	395.50	336.60	331.10	325.60
B 11.08			Planting and Maintaining of Flowering Plants and Shrubs													
	(a)		Planting flowering plants and shrubs in central verge	Km	100331.10	98686.40	97041.60	97437.60	95840.20	94242.90	96817.30	95230.10	93643.00	93923.80	92384.00	90844.30
	(b)		Maintenance of flowering plants and shrubs in central verge for one year.	Km	504685.20	496411.70	488138.20	416664.10	409833.60	403003.00	503286.00	495035.40	486784.80	415265.00	408457.30	401649.70
B 11.09			Planting of Trees and their Maintenance for one Year													

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			Planting of trees by the road side (Avenue trees) in 0.60 m dia holes, 1 m deep dug in the ground, mixing the soil with decayed farm yard/sludge manure, planting the saplings, backfilling the trench, watering, fixing the tree guard and maintaining the plants for one year	Each	2168.00	2132.40	2096.90	1758.00	1729.20	1700.40	2151.40	2116.10	2080.80	1741.40	1712.90	1684.30
B 11.10			Renovation Lawns including, Weeding, Forking the Ground, Top Dressing with Forked Soil													
			Renovation lawns including, weeding, forking the ground, top dressing with forked soil, watering and maintenance the lawns, for 30 days or more, till the grass forms a thick lawn, free from weeds, and fit for moving and disposal of rubbish as directed, including supplying good earth, if needed but excluding the cost of well decayed farm yard manure	Sqm	38.60	38.00	37.40	31.40	30.90	30.40	38.40	37.80	37.20	31.20	30.70	30.20
B 11.11			Supply at Site Well Decayed Farm Yard Manure													
			Supply at site of work well decayed farm yard manure, from any available source, approved by the engineer in charge including screening and stacking	Cum	259.40	255.10	250.90	259.40	255.10	250.90	242.40	238.40	234.50	242.40	238.40	234.50
B 11.12			Supply at Site of Work/ Store-Deoiled Neem Cake													
			Supply at site of work/ store-deoiled neem cake duly packed in used gunny bags	Quintal	43.20	42.50	41.80	43.20	42.50	41.80	40.40	39.70	39.10	40.40	39.70	39.10
B 11.13			Supplying Sludge													
			Supplying sludge duly stacked at site/ store	Cum	198.90	195.60	192.30	198.90	195.60	192.30	185.90	182.80	179.80	185.90	182.80	179.80
B 11.14			Half Brick Circular Tree Guard, in 2nd Class Brick, internal diametre 1.25 metres, and height 1.2 metres, above ground and 0.20 metre below ground													
			Half brick circular tree guard, in 2nd class brick, internal diametre 1.25 metres, and height 1.2 metres, above ground and 0.20 metre below ground, bottom two courses laid dry, and top three courses in cement mortar 1:6 (1 cement 6 sand) and the intermediate courses being in dry honey comb masonry, as per design complete	Guard	4272.60	4202.50	4132.50	4122.30	4054.70	3987.10	3723.20	3662.10	3601.10	3572.80	3514.30	3455.70
B 11.15			Edging with 2nd Class Bricks, Laid Dry Lengthwise													
			Edging with 2nd class bricks, laid dry lengthwise, including excavation, refilling, consolidation, with a hand packing and spreading nearly surplus earth within a lead of 50 metres	Metre	86.10	84.70	83.30	83.20	81.80	80.50	74.90	73.70	72.40	72.00	70.80	69.60
B 11.16			Making Tree Guard 53 cm dia and 1.3 m High as per Design from Empty Bitumen Drums													
			Making tree guard 53 cm dia and 1.3 m high as per design from empty bitumen drum, slit suitably to permit sun and air, (supplied by the department at stock issue rate) including providing and fixing 2 nos MS sheet rings 50 x 0.5 mm with rivets, complete in all respect	Guard	573.90	564.50	555.10	506.40	498.10	489.80	557.20	548.00	538.90	489.70	481.70	473.70

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			Planting of trees by the road side (Avenue trees) in 0.60 m dia holes, 1 m deep dug in the ground, mixing the soil with decayed farm yard/sludge manure, planting the saplings, backfilling the trench, watering, fixing the tree guard and maintaining the plants for one year	Each	2168.00	2132.40	2096.90	1758.00	1729.20	1700.40	2184.60	2148.80	2113.00	1774.70	1745.60	1716.50
B 11.10			Renovation Lawns including, Weeding, Forking the Ground, Top Dressing with Forked Soil													
			Renovation lawns including, weeding, forking the ground, top dressing with forked soil, watering and maintenance the lawns, for 30 days or more, till the grass forms a thick lawn, free from weeds, and fit for moving and disposal of rubbish as directed, including supplying good earth, if needed but excluding the cost of well decayed farm yard manure	Sqm	38.60	38.00	37.40	31.40	30.90	30.40	38.80	38.20	37.60	31.60	31.10	30.60
B 11.11			Supply at Site Well Decayed Farm Yard Manure													
			Supply at site of work well decayed farm yard manure, from any available source, approved by the engineer in charge including screening and stacking	Cum	259.40	255.10	250.90	259.40	255.10	250.90	276.40	271.80	267.30	276.40	271.80	267.30
B 11.12			Supply at Site of Work/ Store-Deoiled Neem Cake													
			Supply at site of work/ store-deoiled neem cake duly packed in used gunny bags	Quintal	43.20	42.50	41.80	43.20	42.50	41.80	46.10	45.30	44.50	46.10	45.30	44.50
B 11.13			Supplying Sludge													
			Supplying sludge duly stacked at site/ store	Cum	198.90	195.60	192.30	198.90	195.60	192.30	211.90	208.40	204.90	211.90	208.40	204.90
B 11.14			Half Brick Circular Tree Guard, in 2nd Class Brick, internal diametre 1.25 metres, and height 1.2 metres, above ground and 0.20 metre below ground													
			Half brick circular tree guard, in 2nd class brick, internal diametre 1.25 metres, and height 1.2 metres, above ground and 0.20 metre below ground, bottom two courses laid dry, and top three courses in cement mortar 1:6 (1 cement 6 sand) and the intermediate courses being in dry honey comb masonry, as per design complete	Guard	4272.60	4202.50	4132.50	4122.30	4054.70	3987.10	5489.20	5399.20	5309.20	5338.80	5251.30	5163.80
B 11.15			Edging with 2nd Class Bricks, Laid Dry Lengthwise													
			Edging with 2nd class bricks, laid dry lengthwise, including excavation, refilling, consolidation, with a hand packing and spreading nearly surplus earth within a lead of 50 metres	Metre	86.10	84.70	83.30	83.20	81.80	80.50	110.90	109.10	107.30	108.00	106.20	104.40
B 11.16			Making Tree Guard 53 cm dia and 1.3 m High as per Design from Empty Bitumen Drums													
			Making tree guard 53 cm dia and 1.3 m high as per design from empty bitumen drum, slit suitably to permit sun and air, (supplied by the department at stock issue rate) including providing and fixing 2 nos MS sheet rings 50 x 0.5 mm with rivets, complete in all respect	Guard	573.90	564.50	555.10	506.40	498.10	489.80	591.30	581.70	572.00	523.90	515.30	506.70

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			Planting of trees by the road side (Avenue trees) in 0.60 m dia holes, 1 m deep dug in the ground, mixing the soil with decayed farm yard/sludge manure, planting the saplings, backfilling the trench, watering, fixing the tree guard and maintaining the plants for one year	Each	2215.50	2179.20	2142.80	1805.50	1775.90	1746.30	2208.30	2172.10	2135.90	1798.40	1768.90	1739.50
B 11.10			Renovation Lawns including, Weeding, Forking the Ground, Top Dressing with Forked Soil													
			Renovation lawns including, weeding, forking the ground, top dressing with forked soil, watering and maintenance the lawns, for 30 days or more, till the grass forms a thick lawn, free from weeds, and fit for moving and disposal of rubbish as directed, including supplying good earth, if needed but excluding the cost of well decayed farm yard manure	Sqm	39.20	38.50	37.90	31.90	31.40	30.90	39.10	38.50	37.80	31.90	31.30	30.80
B 11.11			Supply at Site Well Decayed Farm Yard Manure													
			Supply at site of work well decayed farm yard manure, from any available source, approved by the engineer in charge including screening and stacking	Cum	307.90	302.80	297.80	307.90	302.80	297.80	300.60	295.70	290.70	300.60	295.70	290.70
B 11.12			Supply at Site of Work/ Store-Deoiled Neem Cake													
			Supply at site of work/ store-deoiled neem cake duly packed in used gunny bags	Quintal	51.30	50.50	49.60	51.30	50.50	49.60	50.10	49.30	48.50	50.10	49.30	48.50
B 11.13			Supplying Sludge													
			Supplying sludge duly stacked at site/ store	Cum	236.00	232.20	228.30	236.00	232.20	228.30	230.50	226.70	222.90	230.50	226.70	222.90
B 11.14			Half Brick Circular Tree Guard, in 2nd Class Brick, internal diametre 1.25 metres, and height 1.2 metres, above ground and 0.20 metre below ground													
			Half brick circular tree guard, in 2nd class brick, internal diametre 1.25 metres, and height 1.2 metres, above ground and 0.20 metre below ground, bottom two courses laid dry, and top three courses in cement mortar 1:6 (1 cement 6 sand) and the intermediate courses being in dry honey comb masonry, as per design complete	Guard	6608.50	6500.20	6391.80	6458.20	6352.30	6246.40	6350.20	6246.10	6142.00	6199.90	6098.20	5996.60
B 11.15			Edging with 2nd Class Bricks, Laid Dry Lengthwise													
			Edging with 2nd class bricks, laid dry lengthwise, including excavation, refilling, consolidation, with a hand packing and spreading nearly surplus earth within a lead of 50 metres	Metre	133.70	131.50	129.40	130.80	128.70	126.50	128.50	126.40	124.30	125.50	123.50	121.40
B 11.16			Making Tree Guard 53 cm dia and 1.3 m High as per Design from Empty Bitumen Drums													
			Making tree guard 53 cm dia and 1.3 m high as per design from empty bitumen drum, slit suitably to permit sun and air, (supplied by the department at stock issue rate) including providing and fixing 2 nos MS sheet rings 50 x 0.5 mm with rivets, complete in all respect	Guard	622.50	612.30	602.10	555.00	545.90	536.80	615.30	605.20	595.10	547.80	538.90	529.90

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			Planting of trees by the road side (Avenue trees) in 0.60 m dia holes, 1 m deep dug in the ground, mixing the soil with decayed farm yard/sludge manure, planting the saplings, backfilling the trench, watering, fixing the tree guard and maintaining the plants for one year	Each	2172.70	2137.10	2101.50	1762.80	1733.90	1705.00	2217.80	2181.50	2145.10	1807.90	1778.30	1748.60
B 11.10			Renovation Lawns including, Weeding, Forking the Ground, Top Dressing with Forked Soil													
			Renovation lawns including, weeding, forking the ground, top dressing with forked soil, watering and maintenance the lawns, for 30 days or more, till the grass forms a thick lawn, free from weeds, and fit for moving and disposal of rubbish as directed, including supplying good earth, if needed but excluding the cost of well decayed farm yard manure	Sqm	38.70	38.10	37.40	31.50	30.90	30.40	39.20	38.60	37.90	32.00	31.40	30.90
B 11.11			Supply at Site Well Decayed Farm Yard Manure													
			Supply at site of work well decayed farm yard manure, from any available source, approved by the engineer in charge including screening and stacking	Cum	264.20	259.90	255.60	264.20	259.90	255.60	310.30	305.20	300.10	310.30	305.20	300.10
B 11.12			Supply at Site of Work/ Store-Deoiled Neem Cake													
			Supply at site of work/ store-deoiled neem cake duly packed in used gunny bags	Quintal	44.00	43.30	42.60	44.00	43.30	42.60	51.70	50.90	50.00	51.70	50.90	50.00
B 11.13			Supplying Sludge													
			Supplying sludge duly stacked at site/ store	Cum	202.60	199.30	195.90	202.60	199.30	195.90	237.90	234.00	230.10	237.90	234.00	230.10
B 11.14			Half Brick Circular Tree Guard, in 2nd Class Brick, internal diametre 1.25 metres, and height 1.2 metres, above ground and 0.20 metre below ground													
			Half brick circular tree guard, in 2nd class brick, internal diametre 1.25 metres, and height 1.2 metres, above ground and 0.20 metre below ground, bottom two courses laid dry, and top three courses in cement mortar 1:6 (1 cement 6 sand) and the intermediate courses being in dry honey comb masonry, as per design complete	Guard	4542.10	4467.60	4393.10	4391.70	4319.70	4247.70	7039.00	6923.60	6808.20	6888.70	6775.70	6662.80
B 11.15			Edging with 2nd Class Bricks, Laid Dry Lengthwise													
			Edging with 2nd class bricks, laid dry lengthwise, including excavation, refilling, consolidation, with a hand packing and spreading nearly surplus earth within a lead of 50 metres	Metre	91.60	90.10	88.60	88.60	87.20	85.70	142.50	140.20	137.80	139.60	137.30	135.00
B 11.16			Making Tree Guard 53 cm dia and 1.3 m High as per Design from Empty Bitumen Drums													
			Making tree guard 53 cm dia and 1.3 m high as per design from empty bitumen drum, slit suitably to permit sun and air, (supplied by the department at stock issue rate) including providing and fixing 2 nos MS sheet rings 50 x 0.5 mm with rivets, complete in all respect	Guard	578.90	569.40	559.90	511.40	503.00	494.70	625.20	615.00	604.70	557.80	548.60	539.50

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			Planting of trees by the road side (Avenue trees) in 0.60 m dia holes, 1 m deep dug in the ground, mixing the soil with decayed farm yard/sludge manure, planting the saplings, backfilling the trench, watering, fixing the tree guard and maintaining the plants for one year	Each	2175.10	2139.40	2103.80	1765.20	1736.20	1707.30	2196.50	2160.50	2124.50	1786.50	1757.30	1728.00
B 11.10			Renovation Lawns including, Weeding, Forking the Ground, Top Dressing with Forked Soil													
			Renovation lawns including, weeding, forking the ground, top dressing with forked soil, watering and maintenance the lawns, for 30 days or more, till the grass forms a thick lawn, free from weeds, and fit for moving and disposal of rubbish as directed, including supplying good earth, if needed but excluding the cost of well decayed farm yard manure	Sqm	38.70	38.10	37.40	31.50	31.00	30.40	39.00	38.30	37.70	31.70	31.20	30.70
B 11.11			Supply at Site Well Decayed Farm Yard Manure													
			Supply at site of work well decayed farm yard manure, from any available source, approved by the engineer in charge including screening and stacking	Cum	266.70	262.30	257.90	266.70	262.30	257.90	288.50	283.70	279.00	288.50	283.70	279.00
B 11.12			Supply at Site of Work/ Store-Deoiled Neem Cake													
			Supply at site of work/ store-deoiled neem cake duly packed in used gunny bags	Quintal	44.40	43.70	43.00	44.40	43.70	43.00	48.10	47.30	46.50	48.10	47.30	46.50
B 11.13			Supplying Sludge													
			Supplying sludge duly stacked at site/ store	Cum	204.40	201.10	197.70	204.40	201.10	197.70	221.20	217.50	213.90	221.20	217.50	213.90
B 11.14			Half Brick Circular Tree Guard, in 2nd Class Brick, internal diametre 1.25 metres, and height 1.2 metres, above ground and 0.20 metre below ground													
			Half brick circular tree guard, in 2nd class brick, internal diametre 1.25 metres, and height 1.2 metres, above ground and 0.20 metre below ground, bottom two courses laid dry, and top three courses in cement mortar 1:6 (1 cement 6 sand) and the intermediate courses being in dry honey comb masonry, as per design complete	Guard	5058.60	4975.70	4892.80	4908.30	4827.90	4747.40	5489.20	5399.20	5309.20	5338.90	5251.30	5163.80
B 11.15			Edging with 2nd Class Bricks, Laid Dry Lengthwise													
			Edging with 2nd class bricks, laid dry lengthwise, including excavation, refilling, consolidation, with a hand packing and spreading nearly surplus earth within a lead of 50 metres	Metre	102.10	100.40	98.80	99.20	97.60	95.90	110.90	109.10	107.30	108.00	106.20	104.40
B 11.16			Making Tree Guard 53 cm dia and 1.3 m High as per Design from Empty Bitumen Drums													
			Making tree guard 53 cm dia and 1.3 m high as per design from empty bitumen drum, slit suitably to permit sun and air, (supplied by the department at stock issue rate) including providing and fixing 2 nos MS sheet rings 50 x 0.5 mm with rivets, complete in all respect	Guard	581.70	572.20	562.60	514.20	505.80	497.40	602.90	593.00	583.10	535.50	526.70	517.90

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			Planting of trees by the road side (Avenue trees) in 0.60 m dia holes, 1 m deep dug in the ground, mixing the soil with decayed farm yard/sludge manure, planting the saplings, backfilling the trench, watering, fixing the tree guard and maintaining the plants for one year	Each	2241.60	2204.80	2168.10	1831.70	1801.60	1771.60	2227.30	2190.80	2154.30	1817.40	1787.60	1757.80
B 11.10			Renovation Lawns including, Weeding, Forking the Ground, Top Dressing with Forked Soil													
			Renovation lawns including, weeding, forking the ground, top dressing with forked soil, watering and maintenance the lawns, for 30 days or more, till the grass forms a thick lawn, free from weeds, and fit for moving and disposal of rubbish as directed, including supplying good earth, if needed but excluding the cost of well decayed farm yard manure	Sqm	39.50	38.80	38.20	32.20	31.70	31.20	39.30	38.70	38.00	32.10	31.60	31.00
B 11.11			Supply at Site Well Decayed Farm Yard Manure													
			Supply at site of work well decayed farm yard manure, from any available source, approved by the engineer in charge including screening and stacking	Cum	334.50	329.10	323.60	334.50	329.10	323.60	320.00	314.70	309.50	320.00	314.70	309.50
B 11.12			Supply at Site of Work/ Store-Deoiled Neem Cake													
			Supply at site of work/ store-deoiled neem cake duly packed in used gunny bags	Quintal	55.80	54.80	53.90	55.80	54.80	53.90	53.30	52.50	51.60	53.30	52.50	51.60
B 11.13			Supplying Sludge													
			Supplying sludge duly stacked at site/ store	Cum	256.50	252.30	248.10	256.50	252.30	248.10	245.30	241.30	237.30	245.30	241.30	237.30
B 11.14			Half Brick Circular Tree Guard, in 2nd Class Brick, internal diametre 1.25 metres, and height 1.2 metres, above ground and 0.20 metre below ground													
			Half brick circular tree guard, in 2nd class brick, internal diametre 1.25 metres, and height 1.2 metres, above ground and 0.20 metre below ground, bottom two courses laid dry, and top three courses in cement mortar 1:6 (1 cement 6 sand) and the intermediate courses being in dry honey comb masonry, as per design complete	Guard	9363.70	9210.20	9056.70	9213.40	9062.40	8911.30	8072.20	7939.90	7807.50	7921.90	7792.00	7662.10
B 11.15			Edging with 2nd Class Bricks, Laid Dry Lengthwise													
			Edging with 2nd class bricks, laid dry lengthwise, including excavation, refilling, consolidation, with a hand packing and spreading nearly surplus earth within a lead of 50 metres	Metre	190.00	186.80	183.70	187.00	183.90	180.90	163.60	160.90	158.20	160.70	158.00	155.40
B 11.16			Making Tree Guard 53 cm dia and 1.3 m High as per Design from Empty Bitumen Drums													
			Making tree guard 53 cm dia and 1.3 m high as per design from empty bitumen drum, slit suitably to permit sun and air, (supplied by the department at stock issue rate) including providing and fixing 2 nos MS sheet rings 50 x 0.5 mm with rivets, complete in all respect	Guard	650.60	639.90	629.20	583.10	573.50	564.00	635.40	625.00	614.60	568.00	558.70	549.40

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 11.17			Making Tree Guard 53 cm dia and 2 Metre High as per Design from Empty Bitumen Drums													
			Making tree guard 53 cm dia and 2 metres high as per design from empty bitumen drums, slit suitably to permit sun and air, (supplied by the department at stock issue rate) including providing and fixing four legs 40 cm long of 30 x 3 mm MS riveted to tree guard and providing and fixing 2 nos MS sheet rings 50 x 0.5 mm with rivets complete in all respects	Guard	931.60	916.40	901.10	931.60	916.40	901.10	902.90	888.10	873.30	902.90	888.10	873.30
B 11.18			Wrought Iron and Mild Steel Welded Work													
			Wrought iron and mild steel welded work (using angles, square bars, tees and channel grills, grating frames, gates and tree guards of any size and design etc. including cost of screens and welding rods or bolts and nuts complete fixed in position but without the cost of excavation and concrete for fixing which will be paid separately	Quintal	14602.20	14362.80	14123.40	13331.80	13113.20	12894.70	14512.50	14274.60	14036.70	13242.10	13025.00	12807.90
B 11.19			Tree Guard with MS Iron													
			Providing and fixing MS iron tree guard 60 cm dia and 2 metre high above ground level formed of 4 Nos (25 x 6 mm) and 8 Nos (25 x 3 mm) vertical MS riveted to 3 Nos (25 x 6 mm) iron rings in two halves, bolted together with 8 mm dia and 30 mm long bolts including painting two coats with paint of approved brand over a coat of priming, complete in all respects.	Guard	3409.30	3353.40	3297.50	3224.80	3171.90	3119.00	3380.30	3324.90	3269.50	3195.80	3143.40	3091.00
B 11.20			Tree Guard with MS Angle Iron and Steel Wire													
			Providing and fixing tree guard 0.60 metre square, 2.00 metre high fabricated with MS angle iron 30 x 30 x 3 mm, MS iron 25 x 3 mm and steel wire 3 mm dia welded and fabricated as per design in two halves bolted together	Each	4772.50	4694.30	4616.00	4510.30	4436.30	4362.40	4688.40	4611.60	4534.70	4426.20	4353.60	4281.10
B 11.21			Compensatory Afforestation													
			Planting trees as compensatory afforestation at the rate of 290 trees per hectare at a spacing of 6 m by grubbing and leveling the ground upto a depth of 150 mm, digging holes 0.9 m dia, 1 m deep, mixing farm yard/sludge manure with soil, planting of sapling 2 m high with 25 cm dia stem, backfilling the hole and watering	Hectare	192585.80	189428.70	186271.50	174963.00	172094.80	169226.60	189339.30	186235.40	183131.50	171716.60	168901.50	166086.50

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 11.17			Making Tree Guard 53 cm dia and 2 Metre High as per Design from Empty Bitumen Drums													
			Making tree guard 53 cm dia and 2 metres high as per design from empty bitumen drums, slit suitably to permit sun and air, (supplied by the department at stock issue rate) including providing and fixing four legs 40 cm long of 30 x 3 mm MS riveted to tree guard and providing and fixing 2 nos MS sheet rings 50 x 0.5 mm with rivets complete in all respects	Guard	931.60	916.40	901.10	931.60	916.40	901.10	962.70	946.90	931.10	962.70	946.90	931.10
B 11.18			Wrought Iron and Mild Steel Welded Work													
			Wrought iron and mild steel welded work (using angles, square bars, tees and channel grills, grating frames, gates and tree guards of any size and design etc. including cost of screens and welding rods or bolts and nuts complete fixed in position but without the cost of excavation and concrete for fixing which will be paid separately	Quintal	14602.20	14362.80	14123.40	13331.80	13113.20	12894.70	14819.00	14576.10	14333.20	13548.60	13326.50	13104.40
B 11.19			Tree Guard with MS Iron													
			Providing and fixing MS iron tree guard 60 cm dia and 2 metre high above ground level formed of 4 Nos (25 x 6 mm) and 8 Nos (25 x 3 mm) vertical MS riveted to 3 Nos (25 x 6 mm) iron rings in two halves, bolted together with 8 mm dia and 30 mm long bolts including painting two coats with paint of approved brand over a coat of priming, complete in all respects.	Guard	3409.30	3353.40	3297.50	3224.80	3171.90	3119.00	3473.10	3416.20	3359.30	3288.60	3234.70	3180.80
B 11.20			Tree Guard with MS Angle Iron and Steel Wire													
			Providing and fixing tree guard 0.60 metre square, 2.00 metre high fabricated with MS angle iron 30 x 30 x 3 mm, MS iron 25 x 3 mm and steel wire 3 mm dia welded and fabricated as per design in two halves bolted together	Each	4772.50	4694.30	4616.00	4510.30	4436.30	4362.40	4894.70	4814.50	4734.20	4632.50	4556.60	4480.60
B 11.21			Compensatory Afforestation													
			Planting trees as compensatory afforestation at the rate of 290 trees per hectare at a spacing of 6 m by grubbing and leveling the ground upto a depth of 150 mm, digging holes 0.9 m dia, 1 m deep, mixing farm yard/sludge manure with soil, planting of sapling 2 m high with 25 cm dia stem, backfilling the hole and watering	Hectare	192585.80	189428.70	186271.50	174963.00	172094.80	169226.60	195832.30	192621.90	189411.60	178209.50	175288.10	172366.60

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 11.17			Making Tree Guard 53 cm dia and 2 Metre High as per Design from Empty Bitumen Drums													
			Making tree guard 53 cm dia and 2 metres high as per design from empty bitumen drums, slit suitably to permit sun and air, (supplied by the department at stock issue rate) including providing and fixing four legs 40 cm long of 30 x 3 mm MS riveted to tree guard and providing and fixing 2 nos MS sheet rings 50 x 0.5 mm with rivets complete in all respects	Guard	1016.30	999.70	983.00	1016.30	999.70	983.00	1003.90	987.50	971.00	1003.90	987.50	971.00
B 11.18			Wrought Iron and Mild Steel Welded Work													
			Wrought iron and mild steel welded work (using angles, square bars, tees and channel grills, grating frames, gates and tree guards of any size and design etc. including cost of screens and welding rods or bolts and nuts complete fixed in position but without the cost of excavation and concrete for fixing which will be paid separately	Quintal	15000.10	14754.20	14508.30	13729.70	13504.60	13279.50	14958.30	14713.10	14467.90	13687.90	13463.50	13239.10
B 11.19			Tree Guard with MS Iron													
			Providing and fixing MS iron tree guard 60 cm dia and 2 metre high above ground level formed of 4 Nos (25 x 6 mm) and 8 Nos (25 x 3 mm) vertical MS riveted to 3 Nos (25 x 6 mm) iron rings in two halves, bolted together with 8 mm dia and 30 mm long bolts including painting two coats with paint of approved brand over a coat of priming, complete in all respects.	Guard	3530.90	3473.00	3415.10	3346.40	3291.50	3236.70	3517.60	3459.90	3402.20	3333.10	3278.40	3223.80
B 11.20			Tree Guard with MS Angle Iron and Steel Wire													
			Providing and fixing tree guard 0.60 metre square, 2.00 metre high fabricated with MS angle iron 30 x 30 x 3 mm, MS iron 25 x 3 mm and steel wire3 mm dia welded and fabricated as per design in two halves bolted together	Each	5055.20	4972.30	4889.50	4793.00	4714.40	4635.80	5018.20	4935.90	4853.60	4755.90	4678.00	4600.00
B 11.21			Compensatory Afforestation													
			Planting trees as compensatory afforestation at the rate of 290 trees per hectare at a spacing of 6 m by grubbing and leveling the ground upto a depth of 150 mm, digging holes 0.9 m dia, 1 m deep, mixing farm yard/sludge manure with soil, planting of sapling 2 m high with 25 cm dia stem, backfilling the hole and watering	Hectare	201861.50	198552.30	195243.10	184238.70	181218.40	178198.10	200470.20	197183.80	193897.40	182847.40	179849.90	176852.40

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 11.17			Making Tree Guard 53 cm dia and 2 Metre High as per Design from Empty Bitumen Drums													
			Making tree guard 53 cm dia and 2 metres high as per design from empty bitumen drums, slit suitably to permit sun and air, (supplied by the department at stock issue rate) including providing and fixing four legs 40 cm long of 30 x 3 mm MS riveted to tree guard and providing and fixing 2 nos MS sheet rings 50 x 0.5 mm with rivets complete in all respects	Guard	940.50	925.10	909.70	940.50	925.10	909.70	1021.40	1004.70	988.00	1021.40	1004.70	988.00
B 11.18			Wrought Iron and Mild Steel Welded Work													
			Wrought iron and mild steel welded work (using angles, square bars, tees and channel grills, grating frames, gates and tree guards of any size and design etc. including cost of screens and welding rods or bolts and nuts complete fixed in position but without the cost of excavation and concrete for fixing which will be paid separately	Quintal	14665.70	14425.30	14184.90	13395.30	13175.70	12956.10	15069.80	14822.70	14575.70	13799.40	13573.10	13346.90
B 11.19			Tree Guard with MS Iron													
			Providing and fixing MS iron tree guard 60 cm dia and 2 metre high above ground level formed of 4 Nos (25 x 6 mm) and 8 Nos (25 x 3 mm) vertical MS riveted to 3 Nos (25 x 6 mm) iron rings in two halves, bolted together with 8 mm dia and 30 mm long bolts including painting two coats with paint of approved brand over a coat of priming, complete in all respects.	Guard	3428.00	3371.80	3315.60	3243.40	3190.30	3137.10	3550.70	3492.40	3434.20	3366.10	3311.00	3255.80
B 11.20			Tree Guard with MS Angle Iron and Steel Wire													
			Providing and fixing tree guard 0.60 metre square, 2.00 metre high fabricated with MS angle iron 30 x 30 x 3 mm, MS iron 25 x 3 mm and steel wire3 mm dia welded and fabricated as per design in two halves bolted together	Each	4807.90	4729.10	4650.30	4545.70	4471.20	4396.60	5084.30	5000.90	4917.60	4822.00	4743.00	4663.90
B 11.21			Compensatory Afforestation													
			Planting trees as compensatory afforestation at the rate of 290 trees per hectare at a spacing of 6 m by grubbing and leveling the ground upto a depth of 150 mm, digging holes 0.9 m dia, 1 m deep, mixing farm yard/sludge manure with soil, planting of sapling 2 m high with 25 cm dia stem, backfilling the hole and watering	Hectare	193513.40	190341.00	187168.70	175890.60	173007.20	170123.70	202325.30	199008.50	195691.70	184702.50	181674.60	178646.70

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 11.17			Making Tree Guard 53 cm dia and 2 Metre High as per Design from Empty Bitumen Drums													
			Making tree guard 53 cm dia and 2 metres high as per design from empty bitumen drums, slit suitably to permit sun and air, (supplied by the department at stock issue rate) including providing and fixing four legs 40 cm long of 30 x 3 mm MS riveted to tree guard and providing and fixing 2 nos MS sheet rings 50 x 0.5 mm with rivets complete in all respects	Guard	945.90	930.40	914.90	945.90	930.40	914.90	982.10	966.00	949.90	982.10	966.00	949.90
B 11.18			Wrought Iron and Mild Steel Welded Work													
			Wrought iron and mild steel welded work (using angles, square bars, tees and channel grills, grating frames, gates and tree guards of any size and design etc. including cost of screens and welding rods or bolts and nuts complete fixed in position but without the cost of excavation and concrete for fixing which will be paid separately	Quintal	14749.40	14507.60	14265.80	13479.00	13258.00	13037.00	14818.90	14576.00	14333.10	13548.50	13326.40	13104.30
B 11.19			Tree Guard with MS Iron													
			Providing and fixing MS iron tree guard 60 cm dia and 2 metre high above ground level formed of 4 Nos (25 x 6 mm) and 8 Nos (25 x 3 mm) vertical MS riveted to 3 Nos (25 x 6 mm) iron rings in two halves, bolted together with 8 mm dia and 30 mm long bolts including painting two coats with paint of approved brand over a coat of priming, complete in all respects.	Guard	3451.50	3394.90	3338.40	3267.00	3213.50	3159.90	3476.20	3419.20	3362.30	3291.70	3237.80	3183.80
B 11.20			Tree Guard with MS Angle Iron and Steel Wire													
			Providing and fixing tree guard 0.60 metre square, 2.00 metre high fabricated with MS angle iron 30 x 30 x 3 mm, MS iron 25 x 3 mm and steel wire 3 mm dia welded and fabricated as per design in two halves bolted together	Each	4841.20	4761.80	4682.40	4578.90	4503.90	4428.80	4935.50	4854.60	4773.70	4673.30	4596.70	4520.10
B 11.21			Compensatory Afforestation													
			Planting trees as compensatory afforestation at the rate of 290 trees per hectare at a spacing of 6 m by grubbing and leveling the ground upto a depth of 150 mm, digging holes 0.9 m dia, 1 m deep, mixing farm yard/sludge manure with soil, planting of sapling 2 m high with 25 cm dia stem, backfilling the hole and watering	Hectare	193977.20	190797.20	187617.30	176354.40	173463.30	170572.30	198151.20	194902.90	191654.50	180528.50	177569.00	174609.50

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 11.17			Making Tree Guard 53 cm dia and 2 Metre High as per Design from Empty Bitumen Drums													
			Making tree guard 53 cm dia and 2 metres high as per design from empty bitumen drums, slit suitably to permit sun and air, (supplied by the department at stock issue rate) including providing and fixing four legs 40 cm long of 30 x 3 mm MS riveted to tree guard and providing and fixing 2 nos MS sheet rings 50 x 0.5 mm with rivets complete in all respects	Guard	1066.90	1049.40	1031.90	1066.90	1049.40	1031.90	1039.90	1022.90	1005.80	1039.90	1022.90	1005.80
B 11.18			Wrought Iron and Mild Steel Welded Work													
			Wrought iron and mild steel welded work (using angles, square bars, tees and channel grills, grating frames, gates and tree guards of any size and design etc. including cost of screens and welding rods or bolts and nuts complete fixed in position but without the cost of excavation and concrete for fixing which will be paid separately	Quintal	15446.10	15192.90	14939.70	14175.70	13943.30	13710.90	15237.00	14987.30	14737.50	13966.60	13737.70	13508.70
B 11.19			Tree Guard with MS Iron													
			Providing and fixing MS iron tree guard 60 cm dia and 2 metre high above ground level formed of 4 Nos (25 x 6 mm) and 8 Nos (25 x 3 mm) vertical MS riveted to 3 Nos (25 x 6 mm) iron rings in two halves, bolted together with 8 mm dia and 30 mm long bolts including painting two coats with paint of approved brand over a coat of priming, complete in all respects.	Guard	3660.10	3600.10	3540.10	3475.60	3418.60	3361.60	3599.00	3540.00	3481.00	3414.50	3358.50	3302.60
B 11.20			Tree Guard with MS Angle Iron and Steel Wire													
			Providing and fixing tree guard 0.60 metre square, 2.00 metre high fabricated with MS angle iron 30 x 30 x 3 mm, MS iron 25 x 3 mm and steel wire 3 mm dia welded and fabricated as per design in two halves bolted together	Each	5278.80	5192.30	5105.80	5016.60	4934.40	4852.10	5167.10	5082.40	4997.70	4904.90	4824.50	4744.10
B 11.21			Compensatory Afforestation													
			Planting trees as compensatory afforestation at the rate of 290 trees per hectare at a spacing of 6 m by grubbing and leveling the ground upto a depth of 150 mm, digging holes 0.9 m dia, 1 m deep, mixing farm yard/sludge manure with soil, planting of sapling 2 m high with 25 cm dia stem, backfilling the hole and watering	Hectare	206963.10	203570.30	200177.50	189340.40	186236.40	183132.50	204180.40	200833.20	197486.00	186557.70	183499.40	180441.00

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 11.22			Rain Water Harvesting													
			"Constructing rain water harvesting recharge trench cum recharge shaft / well including grating passage joining storm water drain and trench having brick walls, RCC cover slab and filled with layers of filter media (size 75 mm to 100 mm), grating having brick walls and CC 1:2:4 base and PVC pipe shaft packed with gravel, provided with wire screen and bottom plug complete as per Drawing, direction of the Engineer and MORT&H Specifications sections 300, 1000, 1300, 1500, 1600 & 1700. (Dimension of rain water harvesting pit 6.5 m depth, 2.10 meter inner dia, wall width 375 mm and top slab thickness 150 mm)"	Number	273913.00	270721.10	269266.20	260560.60	258138.30	256931.60	251726.70	248534.90	247080.00	238372.90	235950.60	234743.90

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 11.22			Rain Water Harvesting													
			"Constructing rain water harvesting recharge trench cum recharge shaft / well including grating passage joining storm water drain and trench having brick walls, RCC cover slab and filled with layers of filter media (size 75 mm to 100 mm), grating having brick walls and CC 1:2:4 base and PVC pipe shaft packed with gravel, provided with wire screen and bottom plug complete as per Drawing, direction of the Engineer and MORT&H Specifications sections 300, 1000, 1300, 1500, 1600 & 1700. (Dimension of rain water harvesting pit 6.5 m depth, 2.10 meter inner dia, wall width 375 mm and top slab thickness 150 mm)"	Number	273913.00	270721.10	269266.20	260560.60	258138.30	256931.60	339942.90	336495.70	334785.50	326590.50	323912.90	322450.90

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 11.22			Rain Water Harvesting													
			"Constructing rain water harvesting recharge trench cum recharge shaft / well including grating passage joining storm water drain and trench having brick walls, RCC cover slab and filled with layers of filter media (size 75 mm to 100 mm), grating having brick walls and CC 1:2:4 base and PVC pipe shaft packed with gravel, provided with wire screen and bottom plug complete as per Drawing, direction of the Engineer and MORT&H Specifications sections 300, 1000, 1300, 1500, 1600 & 1700. (Dimension of rain water harvesting pit 6.5 m depth, 2.10 meter inner dia, wall width 375 mm and top slab thickness 150 mm)"	Number	385799.10	382351.90	380641.70	372445.30	369767.60	368305.60	375216.90	371769.70	370059.50	361863.10	359185.40	357723.40

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 11.22			Rain Water Harvesting													
			"Constructing rain water harvesting recharge trench cum recharge shaft / well including grating passage joining storm water drain and trench having brick walls, RCC cover slab and filled with layers of filter media (size 75 mm to 100 mm), grating having brick walls and CC 1:2:4 base and PVC pipe shaft packed with gravel, provided with wire screen and bottom plug complete as per Drawing, direction of the Engineer and MORT&H Specifications sections 300, 1000, 1300, 1500, 1600 & 1700. (Dimension of rain water harvesting pit 6.5 m depth, 2.10 meter inner dia, wall width 375 mm and top slab thickness 150 mm)"	Number	301191.50	297744.30	296034.10	287839.20	285160.00	283698.00	403403.20	399956.10	398244.40	390049.40	387371.80	385909.70

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 11.22			Rain Water Harvesting													
			"Constructing rain water harvesting recharge trench cum recharge shaft / well including grating passage joining storm water drain and trench having brick walls, RCC cover slab and filled with layers of filter media (size 75 mm to 100 mm), grating having brick walls and CC 1:2:4 base and PVC pipe shaft packed with gravel, provided with wire screen and bottom plug complete as per Drawing, direction of the Engineer and MORT&H Specifications sections 300, 1000, 1300, 1500, 1600 & 1700. (Dimension of rain water harvesting pit 6.5 m depth, 2.10 meter inner dia, wall width 375 mm and top slab thickness 150 mm)"	Number	322313.80	318868.00	317156.40	308961.40	306283.80	304821.70	339983.60	336537.90	334826.20	326631.20	323953.50	322491.50

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 11.22			Rain Water Harvesting													
			"Constructing rain water harvesting recharge trench cum recharge shaft / well including grating passage joining storm water drain and trench having brick walls, RCC cover slab and filled with layers of filter media (size 75 mm to 100 mm), grating having brick walls and CC 1:2:4 base and PVC pipe shaft packed with gravel, provided with wire screen and bottom plug complete as per Drawing, direction of the Engineer and MORT&H Specifications sections 300, 1000, 1300, 1500, 1600 & 1700. (Dimension of rain water harvesting pit 6.5 m depth, 2.10 meter inner dia, wall width 375 mm and top slab thickness 150 mm)"	Number	498500.90	495055.10	493343.50	485148.60	482470.90	481008.90	445664.90	442217.70	440507.50	432312.60	429634.90	428172.90

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			12 : FOUNDATIONS													
B 12.01			Excavation for Structures													
			Earth work in excavation of foundation of structures as per drawing and technical specifications, including setting out, construction of shoring and bracing, removal of stumps and deleterious matter, dressing of sides and bottom and backfilling with approved material													
	I		Ordinary soil													
	A		Manual Means													
	(i)		Depth upto 3 m	Cum	362.50	362.50	362.50	272.50	272.50	272.50	362.50	362.50	362.50	272.50	272.50	272.50
	(ii)		Depth 3 m to 6 m	Cum	466.00	466.00	466.00	350.40	350.40	350.40	466.00	466.00	466.00	350.40	350.40	350.40
	(iii)		Depth above 6 m	Cum	621.40	621.40	621.40	467.20	467.20	467.20	621.40	621.40	621.40	467.20	467.20	467.20
	B		Mechanical Means													
	(i)		Depth upto 3 m	Cum	99.80	92.70	95.30	93.60	86.50	89.00	99.80	92.70	95.30	93.60	86.50	89.00
	(ii)		Depth 3 m to 6 m	Cum	123.40	114.30	117.80	102.70	94.90	97.80	123.40	114.30	117.80	102.70	94.90	97.80
	(iii)		Depth above 6 m	Cum	137.30	127.10	131.20	114.10	105.40	108.80	137.30	127.10	131.20	114.10	105.40	108.80
	II		Ordinary Rock (not requiring blasting)													
	A		Manual Means													
	(i)		Depth upto 3 m	Cum	517.80	517.80	517.80	389.30	389.30	389.30	517.80	517.80	517.80	389.30	389.30	389.30
	B		Mechanical Means	Cum	563.10	617.90	616.10	483.70	517.00	515.20	563.10	617.90	616.10	483.70	517.00	515.20
	III		Hard Rock (requiring blasting): Carrying out excavation in hard rock to achieve a specified slope of the rock face by controlled use of explosives and blasting accessories in properly aligned and spaced drill holes, collection of the excavated rock by a dozer, loading in tipper by a front end loader and disposing of the material with all lifts and lead upto 1000m, all specified in clause no 303													
	A		Manual Means	Cum	629.50	618.40	616.20	595.90	586.20	584.20	603.10	592.00	589.70	569.50	559.80	557.70
	IV		Hard Rock (blasting prohibited)													
	A		Mechanical Means	Cum	755.40	798.90	819.50	633.00	669.30	686.40	755.40	798.90	819.50	633.00	669.30	686.40
	V		Marshy Soil													
	A		Manual means - Depth upto 3 m	Cum	1050.40	1050.40	1050.40	793.50	793.50	793.50	1050.40	1050.40	1050.40	793.50	793.50	793.50
	B		Mechanical Means	Cum	308.30	281.90	278.60	275.70	253.20	250.20	302.90	276.50	273.20	270.30	247.70	244.70
	VI		Back Filling in Marshy Foundation Pits	Cum	536.30	536.30	536.30	407.80	407.80	407.80	536.30	536.30	536.30	407.80	407.80	407.80
B 12.02			Filling Annular Space Around Footing in Rock	Cum	8954.60	8893.70	8874.80	8594.30	8556.80	8545.70	8410.50	8349.50	8330.60	8050.10	8012.60	8001.50
B 12.03			Sand Filling in Foundation Trenches as per Drawing & Technical Specification	Cum	6202.60	6151.70	6136.00	6153.50	6122.30	6112.60	5174.60	5123.60	5107.90	5125.40	5094.30	5084.50
B 12.04			PCC 1:3:6 in Foundation													
		MF	Plain cement concrete 1:3:6 nominal mix in foundation with crushed stone aggregate 40 mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days.	Cum	8954.60	8893.70	8874.80	8594.30	8556.80	8545.70	8410.50	8349.50	8330.60	8050.10	8012.60	8001.50

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			12 : FOUNDATIONS													
B 12.01			Excavation for Structures													
			Earth work in excavation of foundation of structures as per drawing and technical specifications, including setting out, construction of shoring and bracing, removal of stumps and deleterious matter, dressing of sides and bottom and backfilling with approved material													
	I		Ordinary soil													
	A		<i>Manual Means</i>													
	(i)		Depth upto 3 m	Cum	362.50	362.50	362.50	272.50	272.50	272.50	362.50	362.50	362.50	272.50	272.50	272.50
	(ii)		Depth 3 m to 6 m	Cum	466.00	466.00	466.00	350.40	350.40	350.40	466.00	466.00	466.00	350.40	350.40	350.40
	(iii)		Depth above 6 m	Cum	621.40	621.40	621.40	467.20	467.20	467.20	621.40	621.40	621.40	467.20	467.20	467.20
	B		<i>Mechanical Means</i>													
	(i)		Depth upto 3 m	Cum	99.80	92.70	95.30	93.60	86.50	89.00	99.80	92.70	95.30	93.60	86.50	89.00
	(ii)		Depth 3 m to 6 m	Cum	123.40	114.30	117.80	102.70	94.90	97.80	123.40	114.30	117.80	102.70	94.90	97.80
	(iii)		Depth above 6 m	Cum	137.30	127.10	131.20	114.10	105.40	108.80	137.30	127.10	131.20	114.10	105.40	108.80
	II		Ordinary Rock (not requiring blasting)													
	A		<i>Manual Means</i>													
	(i)		Depth upto 3 m	Cum	517.80	517.80	517.80	389.30	389.30	389.30	517.80	517.80	517.80	389.30	389.30	389.30
	B		<i>Mechanical Means</i>	Cum	563.10	617.90	616.10	483.70	517.00	515.20	563.10	617.90	616.10	483.70	517.00	515.20
	III		Hard Rock (requiring blasting): Carrying out excavation in hard rock to achieve a specified slope of the rock face by controlled use of explosives and blasting accessories in properly aligned and spaced drill holes, collection of the excavated rock by a dozer, loading in tipper by a front end loader and disposing of the material with all lifts and lead upto 1000m, all specified in clause no 303													
	A		<i>Manual Means</i>	Cum	629.50	618.40	616.20	595.90	586.20	584.20	655.90	644.80	642.60	622.30	612.60	610.60
	IV		Hard Rock (blasting prohibited)													
	A		<i>Mechanical Means</i>	Cum	755.40	798.90	819.50	633.00	669.30	686.40	755.40	798.90	819.50	633.00	669.30	686.40
	V		Marshy Soil													
	A		<i>Manual means - Depth upto 3 m</i>	Cum	1050.40	1050.40	1050.40	793.50	793.50	793.50	1050.40	1050.40	1050.40	793.50	793.50	793.50
	B		Mechanical Means	Cum	308.30	281.90	278.60	275.70	253.20	250.20	313.80	287.40	284.00	281.10	258.60	255.60
	VI		Back Filling in Marshy Foundation Pits	Cum	536.30	536.30	536.30	407.80	407.80	407.80	536.30	536.30	536.30	407.80	407.80	407.80
B 12.02			Filling Annular Space Around Footing in Rock	Cum	8954.60	8893.70	8874.80	8594.30	8556.80	8545.70	11006.50	10945.50	10926.60	10646.10	10608.60	10597.50
B 12.03			Sand Filling in Foundation Trenches as per Drawing & Technical Specification	Cum	6202.60	6151.70	6136.00	6153.50	6122.30	6112.60	8525.90	8475.00	8459.30	8476.80	8445.60	8435.90
B 12.04			PCC 1:3:6 in Foundation													
		MF	Plain cement concrete 1:3:6 nominal mix in foundation with crushed stone aggregate 40 mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days.	Cum	8954.60	8893.70	8874.80	8594.30	8556.80	8545.70	11006.50	10945.50	10926.60	10646.10	10608.60	10597.50

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			12 : FOUNDATIONS													
B 12.01			Excavation for Structures													
			Earth work in excavation of foundation of structures as per drawing and technical specifications, including setting out, construction of shoring and bracing, removal of stumps and deleterious matter, dressing of sides and bottom and backfilling with approved material													
	I		Ordinary soil													
	A		<i>Manual Means</i>													
	(i)		Depth upto 3 m	Cum	362.50	362.50	362.50	272.50	272.50	272.50	362.50	362.50	362.50	272.50	272.50	272.50
	(ii)		Depth 3 m to 6 m	Cum	466.00	466.00	466.00	350.40	350.40	350.40	466.00	466.00	466.00	350.40	350.40	350.40
	(iii)		Depth above 6 m	Cum	621.40	621.40	621.40	467.20	467.20	467.20	621.40	621.40	621.40	467.20	467.20	467.20
	B		<i>Mechanical Means</i>													
	(i)		Depth upto 3 m	Cum	99.80	92.70	95.30	93.60	86.50	89.00	99.80	92.70	95.30	93.60	86.50	89.00
	(ii)		Depth 3 m to 6 m	Cum	123.40	114.30	117.80	102.70	94.90	97.80	123.40	114.30	117.80	102.70	94.90	97.80
	(iii)		Depth above 6 m	Cum	137.30	127.10	131.20	114.10	105.40	108.80	137.30	127.10	131.20	114.10	105.40	108.80
	II		Ordinary Rock (not requiring blasting)													
	A		<i>Manual Means</i>													
	(i)		Depth upto 3 m	Cum	517.80	517.80	517.80	389.30	389.30	389.30	517.80	517.80	517.80	389.30	389.30	389.30
	B		<i>Mechanical Means</i>	Cum	563.10	617.90	616.10	483.70	517.00	515.20	563.10	617.90	616.10	483.70	517.00	515.20
	III		Hard Rock (requiring blasting): Carrying out excavation in hard rock to achieve a specified slope of the rock face by controlled use of explosives and blasting accessories in properly aligned and spaced drill holes, collection of the excavated rock by a dozer, loading in tipper by a front end loader and disposing of the material with all lifts and lead upto 1000m, all specified in clause no 303													
	A		<i>Manual Means</i>	Cum	704.90	693.90	691.60	671.30	661.70	659.60	693.60	682.50	680.30	660.00	650.40	648.30
	IV		Hard Rock (blasting prohibited)													
	A		<i>Mechanical Means</i>	Cum	755.40	798.90	819.50	633.00	669.30	686.40	755.40	798.90	819.50	633.00	669.30	686.40
	V		Marshy Soil													
	A		<i>Manual means - Depth upto 3 m</i>	Cum	1050.40	1050.40	1050.40	793.50	793.50	793.50	1050.40	1050.40	1050.40	793.50	793.50	793.50
	B		Mechanical Means	Cum	323.80	297.40	294.10	291.20	268.70	265.70	321.50	295.10	291.80	288.90	266.30	263.30
	VI		Back Filling in Marshy Foundation Pits	Cum	536.30	536.30	536.30	407.80	407.80	407.80	536.30	536.30	536.30	407.80	407.80	407.80
B 12.02			Filling Annular Space Around Footing in Rock	Cum	12204.80	12143.80	12124.90	11844.40	11806.90	11795.80	11928.20	11867.30	11848.40	11567.90	11530.30	11519.30
B 12.03			Sand Filling in Foundation Trenches as per Drawing & Technical Specification	Cum	10651.90	10601.00	10585.30	10602.70	10571.60	10561.80	10161.30	10110.40	10094.70	10112.10	10081.00	10071.20
B 12.04			PCC 1:3:6 in Foundation													
		MF	Plain cement concrete 1:3:6 nominal mix in foundation with crushed stone aggregate 40 mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days.	Cum	12204.80	12143.80	12124.90	11844.40	11806.90	11795.80	11928.20	11867.30	11848.40	11567.90	11530.30	11519.30

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			12 : FOUNDATIONS													
B 12.01			Excavation for Structures													
			Earth work in excavation of foundation of structures as per drawing and technical specifications, including setting out, construction of shoring and bracing, removal of stumps and deleterious matter, dressing of sides and bottom and backfilling with approved material													
	I		Ordinary soil													
	A		Manual Means													
	(i)		Depth upto 3 m	Cum	362.50	362.50	362.50	272.50	272.50	272.50	362.50	362.50	362.50	272.50	272.50	272.50
	(ii)		Depth 3 m to 6 m	Cum	466.00	466.00	466.00	350.40	350.40	350.40	466.00	466.00	466.00	350.40	350.40	350.40
	(iii)		Depth above 6 m	Cum	621.40	621.40	621.40	467.20	467.20	467.20	621.40	621.40	621.40	467.20	467.20	467.20
	B		Mechanical Means													
	(i)		Depth upto 3 m	Cum	99.80	92.70	95.30	93.60	86.50	89.00	99.80	92.70	95.30	93.60	86.50	89.00
	(ii)		Depth 3 m to 6 m	Cum	123.40	114.30	117.80	102.70	94.90	97.80	123.40	114.30	117.80	102.70	94.90	97.80
	(iii)		Depth above 6 m	Cum	137.30	127.10	131.20	114.10	105.40	108.80	137.30	127.10	131.20	114.10	105.40	108.80
	II		Ordinary Rock (not requiring blasting)													
	A		Manual Means													
	(i)		Depth upto 3 m	Cum	517.80	517.80	517.80	389.30	389.30	389.30	517.80	517.80	517.80	389.30	389.30	389.30
	B		Mechanical Means	Cum	563.10	617.90	616.10	483.70	517.00	515.20	563.10	617.90	616.10	483.70	517.00	515.20
	III		Hard Rock (requiring blasting): Carrying out excavation in hard rock to achieve a specified slope of the rock face by controlled use of explosives and blasting accessories in properly aligned and spaced drill holes, collection of the excavated rock by a dozer, loading in tipper by a front end loader and disposing of the material with all lifts and lead upto 1000m, all specified in clause no 303													
	A		Manual Means	Cum	637.00	626.00	623.70	603.40	593.80	591.70	708.70	697.60	695.40	675.10	665.40	663.40
	IV		Hard Rock (blasting prohibited)													
	A		Mechanical Means	Cum	755.40	798.90	819.50	633.00	669.30	686.40	755.40	798.90	819.50	633.00	669.30	686.40
	V		Marshy Soil													
	A		Manual means - Depth upto 3 m	Cum	1050.40	1050.40	1050.40	793.50	793.50	793.50	1050.40	1050.40	1050.40	793.50	793.50	793.50
	B		Mechanical Means	Cum	309.90	283.50	280.10	277.20	254.70	251.70	324.60	298.20	294.90	292.00	269.40	266.40
	VI		Back Filling in Marshy Foundation Pits	Cum	536.30	536.30	536.30	407.80	407.80	407.80	536.30	536.30	536.30	407.80	407.80	407.80
B 12.02			Filling Annular Space Around Footing in Rock	Cum	9994.30	9933.30	9914.40	9634.00	9596.40	9585.40	12664.40	12603.50	12584.60	12304.10	12266.60	12255.50
B 12.03			Sand Filling in Foundation Trenches as per Drawing & Technical Specification	Cum	6728.10	6677.20	6661.50	6678.90	6647.80	6638.00	11468.90	11418.00	11402.30	11419.70	11388.60	11378.80
B 12.04			PCC 1:3:6 in Foundation													
		MF	Plain cement concrete 1:3:6 nominal mix in foundation with crushed stone aggregate 40 mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days.	Cum	9994.30	9933.30	9914.40	9634.00	9596.40	9585.40	12664.40	12603.50	12584.60	12304.10	12266.60	12255.50

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			12 : FOUNDATIONS													
B 12.01			Excavation for Structures													
			Earth work in excavation of foundation of structures as per drawing and technical specifications, including setting out, construction of shoring and bracing, removal of stumps and deleterious matter, dressing of sides and bottom and backfilling with approved material													
	I		Ordinary soil													
	A		<i>Manual Means</i>													
	(i)		Depth upto 3 m	Cum	362.50	362.50	362.50	272.50	272.50	272.50	362.50	362.50	362.50	272.50	272.50	272.50
	(ii)		Depth 3 m to 6 m	Cum	466.00	466.00	466.00	350.40	350.40	350.40	466.00	466.00	466.00	350.40	350.40	350.40
	(iii)		Depth above 6 m	Cum	621.40	621.40	621.40	467.20	467.20	467.20	621.40	621.40	621.40	467.20	467.20	467.20
	B		<i>Mechanical Means</i>													
	(i)		Depth upto 3 m	Cum	99.80	92.70	95.30	93.60	86.50	89.00	99.80	92.70	95.30	93.60	86.50	89.00
	(ii)		Depth 3 m to 6 m	Cum	123.40	114.30	117.80	102.70	94.90	97.80	123.40	114.30	117.80	102.70	94.90	97.80
	(iii)		Depth above 6 m	Cum	137.30	127.10	131.20	114.10	105.40	108.80	137.30	127.10	131.20	114.10	105.40	108.80
	II		Ordinary Rock (not requiring blasting)													
	A		<i>Manual Means</i>													
	(i)		Depth upto 3 m	Cum	517.80	517.80	517.80	389.30	389.30	389.30	517.80	517.80	517.80	389.30	389.30	389.30
	B		<i>Mechanical Means</i>	Cum	563.10	617.90	616.10	483.70	517.00	515.20	563.10	617.90	616.10	483.70	517.00	515.20
	III		Hard Rock (requiring blasting): Carrying out excavation in hard rock to achieve a specified slope of the rock face by controlled use of explosives and blasting accessories in properly aligned and spaced drill holes, collection of the excavated rock by a dozer, loading in tipper by a front end loader and disposing of the material with all lifts and lead upto 1000m, all specified in clause no 303													
	A		<i>Manual Means</i>	Cum	640.80	629.70	627.50	607.20	597.50	595.50	674.80	663.70	661.40	641.20	631.50	629.40
	IV		Hard Rock (blasting prohibited)													
	A		<i>Mechanical Means</i>	Cum	755.40	798.90	819.50	633.00	669.30	686.40	755.40	798.90	819.50	633.00	669.30	686.40
	V		Marshy Soil													
	A		<i>Manual means - Depth upto 3 m</i>	Cum	1050.40	1050.40	1050.40	793.50	793.50	793.50	1050.40	1050.40	1050.40	793.50	793.50	793.50
	B		Mechanical Means	Cum	310.70	284.30	280.90	278.00	255.50	252.50	317.60	291.20	287.90	285.00	262.50	259.50
	VI		Back Filling in Marshy Foundation Pits	Cum	536.30	536.30	536.30	407.80	407.80	407.80	536.30	536.30	536.30	407.80	407.80	407.80
B 12.02			Filling Annular Space Around Footing in Rock	Cum	10545.90	10484.90	10466.00	10185.50	10148.00	10136.90	11008.00	10947.00	10928.10	10647.60	10610.10	10599.00
B 12.03			Sand Filling in Foundation Trenches as per Drawing & Technical Specification	Cum	7708.40	7657.50	7641.80	7659.30	7628.10	7618.40	8526.80	8475.90	8460.20	8477.70	8446.50	8436.70
B 12.04			PCC 1:3:6 in Foundation													
		MF	Plain cement concrete 1:3:6 nominal mix in foundation with crushed stone aggregate 40 mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days.	Cum	10545.90	10484.90	10466.00	10185.50	10148.00	10136.90	11008.00	10947.00	10928.10	10647.60	10610.10	10599.00

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			12 : FOUNDATIONS													
B 12.01			Excavation for Structures													
			Earth work in excavation of foundation of structures as per drawing and technical specifications, including setting out, construction of shoring and bracing, removal of stumps and deleterious matter, dressing of sides and bottom and backfilling with approved material													
	I		Ordinary soil													
	A		Manual Means													
	(i)		Depth upto 3 m	Cum	362.50	362.50	362.50	272.50	272.50	272.50	362.50	362.50	362.50	272.50	272.50	272.50
	(ii)		Depth 3 m to 6 m	Cum	466.00	466.00	466.00	350.40	350.40	350.40	466.00	466.00	466.00	350.40	350.40	350.40
	(iii)		Depth above 6 m	Cum	621.40	621.40	621.40	467.20	467.20	467.20	621.40	621.40	621.40	467.20	467.20	467.20
	B		Mechanical Means													
	(i)		Depth upto 3 m	Cum	99.80	92.70	95.30	93.60	86.50	89.00	99.80	92.70	95.30	93.60	86.50	89.00
	(ii)		Depth 3 m to 6 m	Cum	123.40	114.30	117.80	102.70	94.90	97.80	123.40	114.30	117.80	102.70	94.90	97.80
	(iii)		Depth above 6 m	Cum	137.30	127.10	131.20	114.10	105.40	108.80	137.30	127.10	131.20	114.10	105.40	108.80
	II		Ordinary Rock (not requiring blasting)													
	A		Manual Means													
	(i)		Depth upto 3 m	Cum	517.80	517.80	517.80	389.30	389.30	389.30	517.80	517.80	517.80	389.30	389.30	389.30
	B		Mechanical Means	Cum	563.10	617.90	616.10	483.70	517.00	515.20	563.10	617.90	616.10	483.70	517.00	515.20
	III		Hard Rock (requiring blasting): Carrying out excavation in hard rock to achieve a specified slope of the rock face by controlled use of explosives and blasting accessories in properly aligned and spaced drill holes, collection of the excavated rock by a dozer, loading in tipper by a front end loader and disposing of the material with all lifts and lead upto 1000m, all specified in clause no 303													
	A		Manual Means	Cum	746.40	735.30	733.10	712.80	703.20	701.10	723.80	712.70	710.40	690.20	680.50	678.50
	IV		Hard Rock (blasting prohibited)													
	A		Mechanical Means	Cum	755.40	798.90	819.50	633.00	669.30	686.40	755.40	798.90	819.50	633.00	669.30	686.40
	V		Marshy Soil													
	A		Manual means - Depth upto 3 m	Cum	1050.40	1050.40	1050.40	793.50	793.50	793.50	1050.40	1050.40	1050.40	793.50	793.50	793.50
	B		Mechanical Means	Cum	332.40	306.00	302.60	299.70	277.20	274.20	327.70	301.30	298.00	295.10	272.50	269.50
	VI		Back Filling in Marshy Foundation Pits	Cum	536.30	536.30	536.30	407.80	407.80	407.80	536.30	536.30	536.30	407.80	407.80	407.80
B 12.02			Filling Annular Space Around Footing in Rock	Cum	15148.10	15087.10	15068.20	14787.80	14750.20	14739.20	13768.20	13707.20	13688.30	13407.80	13370.30	13359.20
B 12.03			Sand Filling in Foundation Trenches as per Drawing & Technical Specification	Cum	15881.40	15830.50	15814.80	15832.20	15801.10	15791.30	13429.90	13379.00	13363.30	13380.80	13349.60	13339.80
B 12.04			PCC 1:3:6 in Foundation													
		MF	Plain cement concrete 1:3:6 nominal mix in foundation with crushed stone aggregate 40 mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days.	Cum	15148.10	15087.10	15068.20	14787.80	14750.20	14739.20	13768.20	13707.20	13688.30	13407.80	13370.30	13359.20

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.05		MF	Brick Masonry Work in Cement Mortar 1:3 in Foundation complete excluding Pointing and Plastering, as per Drawing and Technical Specifications.	Cum	14081.50	13947.30	13905.90	13207.60	13121.80	13097.90	12580.10	12445.90	12404.50	11706.10	11620.30	11596.40
B 12.06			Sub - analysis													
B 12.07			Stone Masonry Work in Cement Mortar 1:3 in Foundation complete as per Drawing and Technical Specifications.													
	A	MF	Square Rubble Coursed Rubble Masonry (first sort)	Cum	11490.70	11490.70	11490.70	10425.00	10425.00	10425.00	11115.50	11115.50	11115.50	10049.90	10049.90	10049.90
	B	MF	Random Rubble Masonry	Cum	9784.00	9784.00	9784.00	8822.80	8822.80	8822.80	9396.30	9396.30	9396.30	8435.10	8435.10	8435.10
B 12.08			Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications.													
	A		PCC Grade M15													
	Case I	MF	using batching plant & Concrete pump	Cum	9588.50	9403.10	9355.30	9382.00	9287.10	9257.40	9012.30	8826.80	8779.00	8805.70	8710.80	8681.10
	Case II	MF	using batching plant & manual placing	Cum	10161.20	10007.00	9958.50	9819.30	9724.50	9695.30	9584.90	9430.70	9382.20	9243.00	9148.20	9119.00
	B		PCC Grade M20													
	Case I	MF	using batching plant & Concrete pump	Cum	10516.60	10331.10	10283.30	10310.00	10215.10	10185.40	9897.10	9711.70	9663.80	9690.60	9595.60	9565.90
	Case II	MF	using batching plant & manual placing	Cum	11089.20	10935.00	10886.50	10747.30	10652.50	10623.30	10469.70	10315.50	10267.10	10127.90	10033.00	10003.80
	C		RCC Grade M20													
	Case I	MF	using batching plant & Concrete pump	Cum	10824.00	10629.60	10581.80	10608.50	10513.60	10483.90	10202.60	10008.20	9960.30	9987.10	9892.20	9862.40
	Case II	MF	using batching plant & manual placing	Cum	11272.20	11118.00	11069.50	11072.80	10978.00	10948.80	10650.80	10496.60	10448.10	10451.40	10356.50	10327.30
	D		PCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	11169.80	10984.30	10936.50	10963.20	10868.30	10838.60	10515.50	10330.10	10282.20	10309.00	10214.10	10184.30
	Case II	MF	using batching plant & manual placing	Cum	11742.40	11588.20	11539.70	11400.50	11305.70	11276.50	11088.20	10934.00	10885.50	10746.30	10651.40	10622.20
	E		RCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	11520.70	11326.40	11278.50	11305.20	11210.30	11180.60	10861.70	10667.30	10619.50	10646.20	10551.30	10521.60
	Case II	MF	using batching plant & manual placing	Cum	11968.90	11814.70	11766.30	11769.60	11674.70	11645.50	11309.90	11155.70	11107.20	11110.60	11015.70	10986.50
	F		PCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	11233.40	11048.00	11000.10	11026.90	10932.00	10902.20	10575.80	10390.30	10342.50	10369.20	10274.30	10244.60
	Case II	MF	using batching plant & manual placing	Cum	11878.30	11724.10	11675.60	11536.40	11441.50	11412.30	11215.90	11061.70	11013.20	10874.00	10779.20	10750.00
	G		RCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	11581.70	11387.30	11339.50	11366.20	11271.30	11241.60	10919.20	10724.80	10677.00	10703.70	10608.80	10579.10
	Case II	MF	using batching plant & manual placing	Cum	12029.90	11875.70	11827.20	11830.50	11735.70	11706.50	11367.40	11213.20	11164.70	11168.00	11073.20	11044.00
	H		RCC Grade M35													
	Case I	MF	using batching plant & Concrete pump	Cum	11784.30	11589.90	11542.10	11568.80	11473.90	11444.20	11110.70	10916.40	10868.50	10895.30	10800.30	10770.60
	Case II	MF	using batching plant & manual placing	Cum	12232.50	12078.30	12029.80	12033.10	11938.30	11909.10	11558.90	11404.70	11356.30	11359.60	11264.70	11235.50
	I		RCC Grade M40													
	Case I	MF	using batching plant & Concrete pump	Cum	11962.20	11767.90	11720.00	11746.80	11651.90	11622.10	11278.20	11083.80	11036.00	11062.70	10967.80	10938.10
	Case II	MF	using batching plant & manual placing	Cum	12410.40	12256.20	12207.80	12211.10	12116.20	12087.00	11726.40	11572.20	11523.70	11527.00	11432.20	11403.00
	J		RCC Grade M45													
	Case I	MF	using batching plant & Concrete pump	Cum	12003.40	11809.10	11761.20	11788.00	11693.10	11663.30	11316.70	11122.30	11074.50	11101.20	11006.30	10976.60
	Case II	MF	using batching plant & manual placing	Cum	12451.60	12297.40	12249.00	12252.30	12157.40	12128.20	11764.90	11610.70	11562.20	11565.50	11470.70	11441.50

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.05		MF	Brick Masonry Work in Cement Mortar 1:3 in Foundation complete excluding Pointing and Plastering, as per Drawing and Technical Specifications.	Cum	14081.50	13947.30	13905.90	13207.60	13121.80	13097.90	17480.30	17346.10	17304.70	16606.40	16520.60	16496.70
B 12.06			Sub - analysis													
B 12.07			Stone Masonry Work in Cement Mortar 1:3 in Foundation complete as per Drawing and Technical Specifications.													
	A	MF	Square Rubble Coursed Rubble Masonry (first sort)	Cum	11490.70	11490.70	11490.70	10425.00	10425.00	10425.00	12436.00	12436.00	12436.00	11370.30	11370.30	11370.30
	B	MF	Random Rubble Masonry	Cum	9784.00	9784.00	9784.00	8822.80	8822.80	8822.80	10985.40	10985.40	10985.40	10024.20	10024.20	10024.20
B 12.08			Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications.													
	A		PCC Grade M15													
	Case I	MF	using batching plant & Concrete pump	Cum	9588.50	9403.10	9355.30	9382.00	9287.10	9257.40	11490.90	11305.50	11257.60	11284.40	11189.50	11159.70
	Case II	MF	using batching plant & manual placing	Cum	10161.20	10007.00	9958.50	9819.30	9724.50	9695.30	12063.50	11909.30	11860.90	11721.70	11626.80	11597.60
	B		PCC Grade M20													
	Case I	MF	using batching plant & Concrete pump	Cum	10516.60	10331.10	10283.30	10310.00	10215.10	10185.40	12421.20	12235.70	12187.90	12214.60	12119.70	12090.00
	Case II	MF	using batching plant & manual placing	Cum	11089.20	10935.00	10886.50	10747.30	10652.50	10623.30	12993.80	12839.60	12791.10	12651.90	12557.10	12527.90
	C		RCC Grade M20													
	Case I	MF	using batching plant & Concrete pump	Cum	10824.00	10629.60	10581.80	10608.50	10513.60	10483.90	12453.40	12259.00	12211.20	12237.90	12143.00	12113.30
	Case II	MF	using batching plant & manual placing	Cum	11272.20	11118.00	11069.50	11072.80	10978.00	10948.80	12901.60	12747.40	12698.90	12702.20	12607.40	12578.20
	D		PCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	11169.80	10984.30	10936.50	10963.20	10868.30	10838.60	13189.60	13004.20	12956.40	12983.10	12888.20	12858.50
	Case II	MF	using batching plant & manual placing	Cum	11742.40	11588.20	11539.70	11400.50	11305.70	11276.50	13762.30	13608.10	13559.60	13420.40	13325.60	13296.40
	E		RCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	11520.70	11326.40	11278.50	11305.20	11210.30	11180.60	13268.80	13074.40	13026.60	13053.30	12958.40	12928.70
	Case II	MF	using batching plant & manual placing	Cum	11968.90	11814.70	11766.30	11769.60	11674.70	11645.50	13717.00	13562.80	13514.30	13517.60	13422.80	13393.60
	F		PCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	11233.40	11048.00	11000.10	11026.90	10932.00	10902.20	13264.50	13079.10	13031.30	13058.00	12963.10	12933.30
	Case II	MF	using batching plant & manual placing	Cum	11878.30	11724.10	11675.60	11536.40	11441.50	11412.30	13914.10	13759.90	13711.40	13572.20	13477.40	13448.20
	G		RCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	11581.70	11387.30	11339.50	11366.20	11271.30	11241.60	13338.30	13143.90	13096.10	13122.80	13027.90	12998.20
	Case II	MF	using batching plant & manual placing	Cum	12029.90	11875.70	11827.20	11830.50	11735.70	11706.50	13786.50	13632.30	13583.80	13587.10	13492.30	13463.10
	H		RCC Grade M35													
	Case I	MF	using batching plant & Concrete pump	Cum	11784.30	11589.90	11542.10	11568.80	11473.90	11444.20	13574.20	13379.80	13332.00	13358.70	13263.80	13234.10
	Case II	MF	using batching plant & manual placing	Cum	12232.50	12078.30	12029.80	12033.10	11938.30	11909.10	14022.40	13868.20	13819.70	13823.00	13728.20	13699.00
	I		RCC Grade M40													
	Case I	MF	using batching plant & Concrete pump	Cum	11962.20	11767.90	11720.00	11746.80	11651.90	11622.10	13774.20	13579.90	13532.00	13558.70	13463.80	13434.10
	Case II	MF	using batching plant & manual placing	Cum	12410.40	12256.20	12207.80	12211.10	12116.20	12087.00	14222.40	14068.20	14019.80	14023.10	13928.20	13899.00
	J		RCC Grade M45													
	Case I	MF	using batching plant & Concrete pump	Cum	12003.40	11809.10	11761.20	11788.00	11693.10	11663.30	13818.10	13623.70	13575.90	13602.60	13507.70	13478.00
	Case II	MF	using batching plant & manual placing	Cum	12451.60	12297.40	12249.00	12252.30	12157.40	12128.20	14266.30	14112.10	14063.60	14067.00	13972.10	13942.90

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.05		MF	Brick Masonry Work in Cement Mortar 1:3 in Foundation complete excluding Pointing and Plastering, as per Drawing and Technical Specifications.	Cum	20579.50	20445.30	20403.90	19705.50	19619.70	19595.80	19864.30	19730.10	19688.70	18990.30	18904.50	18880.60
B 12.06			Sub - analysis													
B 12.07			Stone Masonry Work in Cement Mortar 1:3 in Foundation complete as per Drawing and Technical Specifications.													
	A	MF	Square Rubble Coursed Rubble Masonry (first sort)	Cum	13260.60	13260.60	13260.60	12194.90	12194.90	12194.90	13070.30	13070.30	13070.30	12004.60	12004.60	12004.60
	B	MF	Random Rubble Masonry	Cum	11837.50	11837.50	11837.50	10876.20	10876.20	10876.20	11640.80	11640.80	11640.80	10679.60	10679.60	10679.60
B 12.08			Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications.													
	A		PCC Grade M15													
	Case I	MF	using batching plant & Concrete pump	Cum	12772.90	12587.50	12539.60	12566.40	12471.50	12441.70	12477.10	12291.60	12243.80	12270.50	12175.60	12145.90
	Case II	MF	using batching plant & manual placing	Cum	13345.60	13191.40	13142.90	13003.70	12908.80	12879.60	13049.70	12895.50	12847.00	12707.80	12613.00	12583.80
	B		PCC Grade M20													
	Case I	MF	using batching plant & Concrete pump	Cum	13815.30	13629.80	13582.00	13608.70	13513.80	13484.10	13493.60	13308.10	13260.30	13287.00	13192.10	13162.40
	Case II	MF	using batching plant & manual placing	Cum	14387.90	14233.70	14185.20	14046.10	13951.20	13922.00	14066.20	13912.00	13863.50	13724.30	13629.50	13600.30
	C		RCC Grade M20													
	Case I	MF	using batching plant & Concrete pump	Cum	13852.70	13658.30	13610.50	13637.20	13542.30	13512.60	13529.80	13335.40	13287.60	13314.30	13219.40	13189.60
	Case II	MF	using batching plant & manual placing	Cum	14300.90	14146.70	14098.20	14101.50	14006.70	13977.50	13978.00	13823.80	13775.30	13778.60	13683.70	13654.50
	D		PCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	14674.10	14488.60	14440.80	14467.50	14372.60	14342.90	14331.50	14146.10	14098.20	14125.00	14030.10	14000.30
	Case II	MF	using batching plant & manual placing	Cum	15246.70	15092.50	15044.10	14904.90	14810.00	14780.80	14904.20	14750.00	14701.50	14562.30	14467.40	14438.20
	E		RCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	14763.80	14569.40	14521.60	14548.30	14453.40	14423.60	14418.80	14224.40	14176.60	14203.30	14108.40	14078.70
	Case II	MF	using batching plant & manual placing	Cum	15212.00	15057.80	15009.30	15012.60	14917.80	14888.50	14867.00	14712.80	14664.30	14667.60	14572.80	14543.60
	F		PCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	14757.80	14572.30	14524.50	14551.20	14456.30	14426.60	14413.20	14227.70	14179.90	14206.60	14111.70	14082.00
	Case II	MF	using batching plant & manual placing	Cum	15416.10	15261.90	15213.50	15074.30	14979.40	14950.20	15069.50	14915.30	14866.80	14727.60	14632.80	14603.60
	G		RCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	14841.40	14647.00	14599.20	14625.90	14531.00	14501.20	14494.50	14300.10	14252.30	14279.00	14184.10	14154.40
	Case II	MF	using batching plant & manual placing	Cum	15289.60	15135.40	15086.90	15090.20	14995.40	14966.10	14942.70	14788.50	14740.00	14743.30	14648.50	14619.30
	H		RCC Grade M35													
	Case I	MF	using batching plant & Concrete pump	Cum	15104.90	14910.50	14862.70	14889.40	14794.50	14764.80	14751.60	14557.30	14509.40	14536.20	14441.30	14411.50
	Case II	MF	using batching plant & manual placing	Cum	15553.10	15398.90	15350.40	15353.70	15258.90	15229.70	15199.90	15045.60	14997.20	15000.50	14905.60	14876.40
	I		RCC Grade M40													
	Case I	MF	using batching plant & Concrete pump	Cum	15328.10	15133.70	15085.90	15112.60	15017.70	14988.00	14969.50	14775.20	14727.30	14754.10	14659.10	14629.40
	Case II	MF	using batching plant & manual placing	Cum	15776.30	15622.10	15573.60	15577.00	15482.10	15452.90	15417.70	15263.50	15215.10	15218.40	15123.50	15094.30
	J		RCC Grade M45													
	Case I	MF	using batching plant & Concrete pump	Cum	15377.00	15182.60	15134.80	15161.50	15066.60	15036.90	15017.30	14822.90	14775.10	14801.80	14706.90	14677.20
	Case II	MF	using batching plant & manual placing	Cum	15825.20	15671.00	15622.50	15625.90	15531.00	15501.80	15465.50	15311.30	15262.80	15266.10	15171.30	15142.10

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.05		MF	Brick Masonry Work in Cement Mortar 1:3 in Foundation complete excluding Pointing and Plastering, as per Drawing and Technical Specifications.	Cum	14861.10	14726.90	14685.50	13987.20	13901.30	13877.40	21769.40	21635.20	21593.70	20895.40	20809.60	20785.70
B 12.06			Sub - analysis													
B 12.07			Stone Masonry Work in Cement Mortar 1:3 in Foundation complete as per Drawing and Technical Specifications.													
	A	MF	Square Rubble Coursed Rubble Masonry (first sort)	Cum	11738.70	11738.70	11738.70	10673.00	10673.00	10673.00	13577.40	13577.40	13577.40	12511.70	12511.70	12511.70
	B	MF	Random Rubble Masonry	Cum	10264.90	10264.90	10264.90	9303.60	9303.60	9303.60	12164.90	12164.90	12164.90	11203.70	11203.70	11203.70
B 12.08			Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications.													
	A		PCC Grade M15													
	Case I	MF	using batching plant & Concrete pump	Cum	10410.00	10224.60	10176.70	10203.40	10108.50	10078.80	13263.40	13078.00	13030.10	13056.90	12962.00	12932.20
	Case II	MF	using batching plant & manual placing	Cum	10982.60	10828.40	10780.00	10640.80	10545.90	10516.70	13836.10	13681.90	13633.40	13494.20	13399.30	13370.10
	B		PCC Grade M20													
	Case I	MF	using batching plant & Concrete pump	Cum	11245.50	11060.10	11012.30	11039.00	10944.10	10914.40	14348.80	14163.40	14115.50	14142.30	14047.30	14017.60
	Case II	MF	using batching plant & manual placing	Cum	11818.20	11664.00	11615.50	11476.30	11381.50	11352.30	14921.40	14767.20	14718.80	14579.60	14484.70	14455.50
	C		RCC Grade M20													
	Case I	MF	using batching plant & Concrete pump	Cum	11273.40	11079.10	11031.20	11058.00	10963.00	10933.30	14388.20	14193.80	14146.00	14172.70	14077.80	14048.00
	Case II	MF	using batching plant & manual placing	Cum	11721.60	11567.40	11519.00	11522.30	11427.40	11398.20	14836.40	14682.20	14633.70	14637.00	14542.20	14512.90
	D		PCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	11937.70	11752.30	11704.50	11731.20	11636.30	11606.50	15242.30	15056.80	15009.00	15035.70	14940.80	14911.10
	Case II	MF	using batching plant & manual placing	Cum	12510.40	12356.20	12307.70	12168.50	12073.70	12044.50	15814.90	15660.70	15612.20	15473.00	15378.20	15349.00
	E		RCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	12010.20	11815.80	11768.00	11794.70	11699.80	11670.10	15334.50	15140.20	15092.30	15119.10	15024.10	14994.40
	Case II	MF	using batching plant & manual placing	Cum	12458.40	12304.20	12255.70	12259.00	12164.20	12134.90	15782.70	15628.50	15580.10	15583.40	15488.50	15459.30
	F		PCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	12005.20	11819.70	11771.90	11798.60	11703.70	11674.00	15329.30	15143.90	15096.00	15122.80	15027.90	14998.10
	Case II	MF	using batching plant & manual placing	Cum	12651.40	12497.20	12448.70	12309.50	12214.70	12185.50	15988.30	15834.10	15785.70	15646.50	15551.60	15522.40
	G		RCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	12073.90	11879.60	11831.70	11858.50	11763.60	11733.80	15414.50	15220.10	15172.30	15199.00	15104.10	15074.40
	Case II	MF	using batching plant & manual placing	Cum	12522.10	12367.90	12319.50	12322.80	12227.90	12198.70	15862.70	15708.50	15660.00	15663.30	15568.50	15539.30
	H		RCC Grade M35													
	Case I	MF	using batching plant & Concrete pump	Cum	12287.70	12093.40	12045.50	12072.30	11977.30	11947.60	15687.80	15493.40	15445.60	15472.30	15377.40	15347.70
	Case II	MF	using batching plant & manual placing	Cum	12735.90	12581.70	12533.30	12536.60	12441.70	12412.50	16136.00	15981.80	15933.30	15936.60	15841.80	15812.60
	I		RCC Grade M40													
	Case I	MF	using batching plant & Concrete pump	Cum	12472.90	12278.50	12230.70	12257.40	12162.50	12132.70	15916.80	15722.40	15674.60	15701.30	15606.40	15576.70
	Case II	MF	using batching plant & manual placing	Cum	12921.10	12766.90	12718.40	12721.70	12626.90	12597.60	16365.00	16210.80	16162.30	16165.60	16070.80	16041.60
	J		RCC Grade M45													
	Case I	MF	using batching plant & Concrete pump	Cum	12514.80	12320.50	12272.60	12299.40	12204.50	12174.70	15966.10	15771.70	15723.90	15750.60	15655.70	15626.00
	Case II	MF	using batching plant & manual placing	Cum	12963.00	12808.80	12760.40	12763.70	12668.80	12639.60	16414.30	16260.10	16211.60	16214.90	16120.10	16090.90

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.05		MF	Brick Masonry Work in Cement Mortar 1:3 in Foundation complete excluding Pointing and Plastering, as per Drawing and Technical Specifications.	Cum	16288.80	16154.70	16113.20	15414.90	15329.10	15305.20	17482.90	17348.80	17307.30	16609.00	16523.20	16499.30
B 12.06			Sub - analysis													
B 12.07			Stone Masonry Work in Cement Mortar 1:3 in Foundation complete as per Drawing and Technical Specifications.													
	A	MF	Square Rubble Coursed Rubble Masonry (first sort)	Cum	12118.90	12118.90	12118.90	11053.20	11053.20	11053.20	12436.40	12436.40	12436.40	11370.70	11370.70	11370.70
	B	MF	Random Rubble Masonry	Cum	10657.70	10657.70	10657.70	9696.50	9696.50	9696.50	10985.80	10985.80	10985.80	10024.60	10024.60	10024.60
B 12.08			Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications.													
	A		PCC Grade M15													
	Case I	MF	using batching plant & Concrete pump	Cum	10998.50	10813.00	10765.20	10791.90	10697.00	10667.30	11494.10	11308.70	11260.80	11287.60	11192.70	11162.90
	Case II	MF	using batching plant & manual placing	Cum	11571.10	11416.90	11368.40	11229.30	11134.40	11105.20	12066.80	11912.60	11864.10	11724.90	11630.00	11600.80
	B		PCC Grade M20													
	Case I	MF	using batching plant & Concrete pump	Cum	11885.60	11700.20	11652.30	11679.10	11584.20	11554.40	12424.50	12239.10	12191.20	12218.00	12123.10	12093.30
	Case II	MF	using batching plant & manual placing	Cum	12458.30	12304.10	12255.60	12116.40	12021.60	11992.30	12997.10	12842.90	12794.50	12655.30	12560.40	12531.20
	C		RCC Grade M20													
	Case I	MF	using batching plant & Concrete pump	Cum	11915.90	11721.50	11673.70	11700.40	11605.50	11575.80	12456.80	12262.40	12214.50	12241.30	12146.40	12116.60
	Case II	MF	using batching plant & manual placing	Cum	12364.10	12209.90	12161.40	12164.70	12069.90	12040.70	12905.00	12750.80	12702.30	12705.60	12610.70	12581.50
	D		PCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	12619.40	12434.00	12386.10	12412.90	12317.90	12288.20	13193.10	13007.70	12959.80	12986.60	12891.70	12861.90
	Case II	MF	using batching plant & manual placing	Cum	13192.00	13037.80	12989.40	12850.20	12755.30	12726.10	13765.70	13611.50	13563.10	13423.90	13329.00	13299.80
	E		RCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	12694.90	12500.50	12452.70	12479.40	12384.50	12354.80	13274.10	13079.70	13031.90	13058.60	12963.70	12934.00
	Case II	MF	using batching plant & manual placing	Cum	13143.10	12988.90	12940.40	12943.70	12848.90	12819.70	13722.30	13568.10	13519.60	13522.90	13428.10	13398.90
	F		PCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	12690.90	12505.50	12457.60	12484.40	12389.40	12359.70	13268.00	13082.60	13034.70	13061.50	12966.60	12936.80
	Case II	MF	using batching plant & manual placing	Cum	13337.80	13183.60	13135.10	12995.90	12901.10	12871.90	13921.00	13766.80	13718.30	13579.10	13484.20	13455.00
	G		RCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	12761.40	12567.10	12519.20	12546.00	12451.10	12421.30	13344.50	13150.10	13102.30	13129.00	13034.10	13004.40
	Case II	MF	using batching plant & manual placing	Cum	13209.70	13055.40	13007.00	13010.30	12915.40	12886.20	13792.70	13638.50	13590.00	13593.40	13498.50	13469.30
	H		RCC Grade M35													
	Case I	MF	using batching plant & Concrete pump	Cum	12986.90	12792.50	12744.70	12771.40	12676.50	12646.80	13581.50	13387.10	13339.30	13366.00	13271.10	13241.40
	Case II	MF	using batching plant & manual placing	Cum	13435.10	13280.90	13232.40	13235.80	13140.90	13111.70	14029.70	13875.50	13827.00	13830.30	13735.50	13706.30
	I		RCC Grade M40													
	Case I	MF	using batching plant & Concrete pump	Cum	13178.80	12984.40	12936.60	12963.30	12868.40	12838.70	13785.50	13591.10	13543.20	13570.00	13475.10	13445.30
	Case II	MF	using batching plant & manual placing	Cum	13627.00	13472.80	13424.30	13427.70	13332.80	13303.60	14233.70	14079.50	14031.00	14034.30	13939.40	13910.20
	J		RCC Grade M45													
	Case I	MF	using batching plant & Concrete pump	Cum	13221.20	13026.80	12979.00	13005.70	12910.80	12881.10	13831.30	13636.90	13589.10	13615.80	13520.90	13491.20
	Case II	MF	using batching plant & manual placing	Cum	13669.40	13515.20	13466.70	13470.00	13375.20	13346.00	14279.50	14125.30	14076.80	14080.10	13985.30	13956.10

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.05		MF	Brick Masonry Work in Cement Mortar 1:3 in Foundation complete excluding Pointing and Plastering, as per Drawing and Technical Specifications.	Cum	28197.10	28063.00	28021.50	27323.20	27237.40	27213.50	24625.90	24491.70	24450.30	23752.00	23666.20	23642.30
B 12.06			Sub - analysis													
B 12.07			Stone Masonry Work in Cement Mortar 1:3 in Foundation complete as per Drawing and Technical Specifications.													
	A	MF	Square Rubble Coursed Rubble Masonry (first sort)	Cum	15288.80	15288.80	15288.80	14223.10	14223.10	14223.10	14338.00	14338.00	14338.00	13272.30	13272.30	13272.30
	B	MF	Random Rubble Masonry	Cum	13933.30	13933.30	13933.30	12972.00	12972.00	12972.00	12950.80	12950.80	12950.80	11989.60	11989.60	11989.60
B 12.08			Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications.													
	A		PCC Grade M15													
	Case I	MF	using batching plant & Concrete pump	Cum	15915.10	15729.70	15681.80	15708.60	15613.70	15583.90	14441.70	14256.20	14208.40	14235.10	14140.20	14110.50
	Case II	MF	using batching plant & manual placing	Cum	16487.80	16333.60	16285.10	16145.90	16051.10	16021.80	15014.30	14860.10	14811.60	14672.50	14577.60	14548.40
	B		PCC Grade M20													
	Case I	MF	using batching plant & Concrete pump	Cum	17232.90	17047.50	16999.60	17026.40	16931.40	16901.70	15630.30	15444.90	15397.00	15423.80	15328.90	15299.10
	Case II	MF	using batching plant & manual placing	Cum	17805.50	17651.30	17602.90	17463.70	17368.80	17339.60	16203.00	16048.80	16000.30	15861.10	15766.20	15737.00
	C		RCC Grade M20													
	Case I	MF	using batching plant & Concrete pump	Cum	17282.90	17088.50	17040.70	17067.40	16972.50	16942.80	15674.40	15480.10	15432.20	15458.90	15364.00	15334.30
	Case II	MF	using batching plant & manual placing	Cum	17731.10	17576.90	17528.40	17531.80	17436.90	17407.70	16122.60	15968.40	15920.00	15923.30	15828.40	15799.20
	D		PCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	18313.60	18128.10	18080.30	18107.00	18012.10	17982.40	16607.00	16421.50	16373.70	16400.40	16305.50	16275.80
	Case II	MF	using batching plant & manual placing	Cum	18886.20	18732.00	18683.50	18544.30	18449.50	18420.30	17179.60	17025.40	16976.90	16837.70	16742.90	16713.70
	E		RCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	18421.50	18227.10	18179.30	18206.00	18111.10	18081.40	16706.00	16511.70	16463.80	16490.60	16395.70	16365.90
	Case II	MF	using batching plant & manual placing	Cum	18869.70	18715.50	18667.00	18670.30	18575.50	18546.30	17154.20	17000.00	16951.60	16954.90	16860.00	16830.80
	F		PCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	18418.90	18233.40	18185.60	18212.30	18117.40	18087.70	16702.10	16516.70	16468.90	16495.60	16400.70	16371.00
	Case II	MF	using batching plant & manual placing	Cum	19084.60	18930.40	18882.00	18742.80	18647.90	18618.70	17363.90	17209.70	17161.20	17022.00	16927.20	16897.90
	G		RCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	18515.10	18320.70	18272.90	18299.60	18204.70	18175.00	16792.00	16597.60	16549.80	16576.50	16481.60	16451.90
	Case II	MF	using batching plant & manual placing	Cum	18963.30	18809.10	18760.60	18764.00	18669.10	18639.90	17240.20	17086.00	17037.50	17040.80	16946.00	16916.80
	H		RCC Grade M35													
	Case I	MF	using batching plant & Concrete pump	Cum	18842.10	18647.80	18599.90	18626.70	18531.80	18502.00	17089.10	16894.70	16846.90	16873.60	16778.70	16749.00
	Case II	MF	using batching plant & manual placing	Cum	19290.30	19136.10	19087.70	19091.00	18996.10	18966.90	17537.30	17383.10	17334.60	17337.90	17243.10	17213.90
	I		RCC Grade M40													
	Case I	MF	using batching plant & Concrete pump	Cum	19105.90	18911.60	18863.70	18890.50	18795.50	18765.80	17333.20	17138.80	17091.00	17117.70	17022.80	16993.10
	Case II	MF	using batching plant & manual placing	Cum	19554.10	19399.90	19351.50	19354.80	19259.90	19230.70	17781.40	17627.20	17578.70	17582.00	17487.20	17458.00
	J		RCC Grade M45													
	Case I	MF	using batching plant & Concrete pump	Cum	19159.10	18964.70	18916.90	18943.60	18848.70	18819.00	17384.00	17189.60	17141.80	17168.50	17073.60	17043.90
	Case II	MF	using batching plant & manual placing	Cum	19607.30	19453.10	19404.60	19407.90	19313.10	19283.80	17832.20	17678.00	17629.50	17632.90	17538.00	17508.80

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			WELL FOUNDATION													
B 12.09			Providing and Constructing Temporary Island 24 m diameter for Construction of Well Foundation for 8 m dia. Well.													
	A		Assuming depth of water 1.0 m and height of island to be 1.25 m.	Nos	393528.10	393528.10	393528.10	393528.20	393528.20	393528.20	376221.00	376221.00	376221.00	376221.10	376221.10	376221.10
	B		Assuming depth of water 4.0 m and height of island 4.5 m.	Nos	2430250.80	2430250.80	2430250.80	2430250.80	2430250.80	2430250.80	2300392.80	2300392.80	2300392.80	2300392.80	2300392.80	2300392.80
	C		Providing and constructing one span service road to reach island location from one pier location to another pier location	Nos	6292.70	6292.70	6292.70	6292.70	6292.70	6292.70	6084.70	6084.70	6084.70	6084.70	6084.70	6084.70
			Assuming span length 30 m, width of service road 10 m and depth of water 1 m													
B 12.10			Providing and Laying Cutting Edge of Mild Steel weighing 40 kg per metre for Well Foundation complete as per Drawing and Technical Specification.	MT	149069.10	149053.40	149045.50	141802.30	141786.60	141778.70	147933.80	147918.10	147910.20	140667.00	140651.30	140643.40
B 12.11			Plain/Reinforced Cement Concrete, in Well Foundation complete as per Drawing and Technical Specification.													
	A		Well curb - RCC Grade M20 using batching plant & Concrete pump													
	(i)		<i>RCC Grade M20</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	11958.00	11958.00	11958.00	11893.00	11893.00	11893.00	11245.20	11245.20	11245.20	11180.20	11180.20	11180.20
	Case II	MF	using batching plant & manual placing	Cum	12562.30	12562.30	12562.30	12344.90	12344.90	12344.90	11849.60	11849.60	11849.60	11632.10	11632.10	11632.10
	(ii)		<i>RCC Grade M25</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	12776.10	12776.10	12776.10	12696.90	12696.90	12696.90	12020.00	12020.00	12020.00	11940.80	11940.80	11940.80
	Case II	MF	using batching plant & manual placing	Cum	13366.20	13366.20	13366.20	13148.80	13148.80	13148.80	12610.10	12610.10	12610.10	12392.70	12392.70	12392.70
	(iii)		<i>RCC Grade M30</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	12846.50	12846.50	12846.50	12767.20	12767.20	12767.20	12086.30	12086.30	12086.30	12007.10	12007.10	12007.10
	Case II	MF	using batching plant & manual placing	Cum	13436.50	13436.50	13436.50	13219.10	13219.10	13219.10	12676.40	12676.40	12676.40	12459.00	12459.00	12459.00
	(iv)		<i>RCC Grade M35</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	13080.20	13080.20	13080.20	13001.00	13001.00	13001.00	12307.30	12307.30	12307.30	12228.10	12228.10	12228.10
	Case II	MF	using batching plant & manual placing	Cum	13670.30	13670.30	13670.30	13452.90	13452.90	13452.90	12897.40	12897.40	12897.40	12680.00	12680.00	12680.00
	(v)		<i>RCC Grade M40</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	13285.60	13285.60	13285.60	13206.40	13206.40	13206.40	12500.60	12500.60	12500.60	12421.30	12421.30	12421.30
	Case II	MF	using batching plant & manual placing	Cum	13875.70	13875.70	13875.70	13658.20	13658.20	13658.20	13090.70	13090.70	13090.70	12873.20	12873.20	12873.20
	B		Well steining													
	(i)		<i>PCC Grade M15</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	9667.80	9667.80	9667.80	9604.60	9604.60	9604.60	9062.20	9062.20	9062.20	8999.00	8999.00	8999.00
	Case II	MF	using batching plant & manual placing	Cum	10246.70	10246.70	10246.70	10047.40	10047.40	10047.40	9641.10	9641.10	9641.10	9441.80	9441.80	9441.80
	(ii)		<i>PCC Grade M20</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	10649.40	10649.40	10649.40	10586.20	10586.20	10586.20	9998.10	9998.10	9998.10	9934.90	9934.90	9934.90
	Case II	MF	using batching plant & manual placing	Cum	11228.30	11228.30	11228.30	11029.00	11029.00	11029.00	10577.00	10577.00	10577.00	10377.70	10377.70	10377.70
	(iii)		<i>RCC Grade M20</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	10936.60	10936.60	10936.60	10901.90	10901.90	10901.90	10283.20	10283.20	10283.20	10248.60	10248.60	10248.60
	Case II	MF	using batching plant & manual placing	Cum	11515.50	11515.50	11515.50	11316.20	11316.20	11316.20	10862.10	10862.10	10862.10	10662.80	10662.80	10662.80

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			WELL FOUNDATION													
B 12.09			Providing and Constructing Temporary Island 24 m diameter for Construction of Well Foundation for 8 m dia. Well.													
	A		Assuming depth of water 1.0 m and height of island to be 1.25 m.	Nos	393528.10	393528.10	393528.10	393528.20	393528.20	393528.20	410835.30	410835.30	410835.30	410835.30	410835.30	410835.30
	B		Assuming depth of water 4.0 m and height of island 4.5 m.	Nos	2430250.80	2430250.80	2430250.80	2430250.80	2430250.80	2430250.80	2560108.80	2560108.80	2560108.80	2560108.80	2560108.80	2560108.80
	C		Providing and constructing one span service road to reach island location from one pier location to another pier location	Nos	6292.70	6292.70	6292.70	6292.70	6292.70	6292.70	6500.60	6500.60	6500.60	6500.60	6500.60	6500.60
			Assuming span length 30 m, width of service road 10 m and depth of water 1 m													
B 12.10			Providing and Laying Cutting Edge of Mild Steel weighing 40 kg per metre for Well Foundation complete as per Drawing and Technical Specification.	MT	149069.10	149053.40	149045.50	141802.30	141786.60	141778.70	151623.60	151607.90	151600.00	144356.80	144341.10	144333.20
B 12.11			Plain/Reinforced Cement Concrete, in Well Foundation complete as per Drawing and Technical Specification.													
	A		Well curb - RCC Grade M20 using batching plant & Concrete pump													
	(i)		<i>RCC Grade M20</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	11958.00	11958.00	11958.00	11893.00	11893.00	11893.00	13833.80	13833.80	13833.80	13768.80	13768.80	13768.80
	Case II	MF	using batching plant & manual placing	Cum	12562.30	12562.30	12562.30	12344.90	12344.90	12344.90	14438.10	14438.10	14438.10	14220.70	14220.70	14220.70
	(ii)		<i>RCC Grade M25</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	12776.10	12776.10	12776.10	12696.90	12696.90	12696.90	14788.80	14788.80	14788.80	14709.60	14709.60	14709.60
	Case II	MF	using batching plant & manual placing	Cum	13366.20	13366.20	13366.20	13148.80	13148.80	13148.80	15378.90	15378.90	15378.90	15161.50	15161.50	15161.50
	(iii)		<i>RCC Grade M30</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	12846.50	12846.50	12846.50	12767.20	12767.20	12767.20	14869.00	14869.00	14869.00	14789.80	14789.80	14789.80
	Case II	MF	using batching plant & manual placing	Cum	13436.50	13436.50	13436.50	13219.10	13219.10	13219.10	15459.10	15459.10	15459.10	15241.70	15241.70	15241.70
	(iv)		<i>RCC Grade M35</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	13080.20	13080.20	13080.20	13001.00	13001.00	13001.00	15141.20	15141.20	15141.20	15062.00	15062.00	15062.00
	Case II	MF	using batching plant & manual placing	Cum	13670.30	13670.30	13670.30	13452.90	13452.90	13452.90	15731.30	15731.30	15731.30	15513.90	15513.90	15513.90
	(v)		<i>RCC Grade M40</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	13285.60	13285.60	13285.60	13206.40	13206.40	13206.40	15372.00	15372.00	15372.00	15292.80	15292.80	15292.80
	Case II	MF	using batching plant & manual placing	Cum	13875.70	13875.70	13875.70	13658.20	13658.20	13658.20	15962.10	15962.10	15962.10	15744.70	15744.70	15744.70
	B		Well steining													
	(i)		<i>PCC Grade M15</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	9667.80	9667.80	9667.80	9604.60	9604.60	9604.60	11676.00	11676.00	11676.00	11612.80	11612.80	11612.80
	Case II	MF	using batching plant & manual placing	Cum	10246.70	10246.70	10246.70	10047.40	10047.40	10047.40	12254.90	12254.90	12254.90	12055.60	12055.60	12055.60
	(ii)		<i>PCC Grade M20</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	10649.40	10649.40	10649.40	10586.20	10586.20	10586.20	12659.90	12659.90	12659.90	12596.70	12596.70	12596.70
	Case II	MF	using batching plant & manual placing	Cum	11228.30	11228.30	11228.30	11029.00	11029.00	11029.00	13238.80	13238.80	13238.80	13039.50	13039.50	13039.50
	(iii)		<i>RCC Grade M20</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	10936.60	10936.60	10936.60	10901.90	10901.90	10901.90	12656.00	12656.00	12656.00	12621.40	12621.40	12621.40
	Case II	MF	using batching plant & manual placing	Cum	11515.50	11515.50	11515.50	11316.20	11316.20	11316.20	13234.90	13234.90	13234.90	13035.60	13035.60	13035.60

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			WELL FOUNDATION													
B 12.09			Providing and Constructing Temporary Island 24 m diameter for Construction of Well Foundation for 8 m dia. Well.													
	A		Assuming depth of water 1.0 m and height of island to be 1.25 m.	Nos	442977.10	442977.10	442977.10	442977.20	442977.20	442977.20	435559.70	435559.70	435559.70	435559.80	435559.80	435559.80
	B		Assuming depth of water 4.0 m and height of island 4.5 m.	Nos	2801273.70	2801273.70	2801273.70	2801273.70	2801273.70	2801273.70	2745620.20	2745620.20	2745620.20	2745620.20	2745620.20	2745620.20
	C		Providing and constructing one span service road to reach island location from one pier location to another pier location	Nos	6886.80	6886.80	6886.80	6886.80	6886.80	6886.80	6797.70	6797.70	6797.70	6797.70	6797.70	6797.70
			Assuming span length 30 m, width of service road 10 m and depth of water 1 m													
B 12.10			Providing and Laying Cutting Edge of Mild Steel weighing 40 kg per metre for Well Foundation complete as per Drawing and Technical Specification.	MT	153893.50	153877.80	153869.90	146626.70	146611.00	146603.10	153369.70	153353.90	153346.10	146102.90	146087.10	146079.30
B 12.11			Plain/Reinforced Cement Concrete, in Well Foundation complete as per Drawing and Technical Specification.													
	A		Well curb - RCC Grade M20 using batching plant & Concrete pump													
	(i)		<i>RCC Grade M20</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	15440.30	15440.30	15440.30	15375.40	15375.40	15375.40	15069.60	15069.60	15069.60	15004.60	15004.60	15004.60
	Case II	MF	using batching plant & manual placing	Cum	16044.70	16044.70	16044.70	15827.20	15827.20	15827.20	15673.90	15673.90	15673.90	15456.50	15456.50	15456.50
	(ii)		<i>RCC Grade M25</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	16505.80	16505.80	16505.80	16426.60	16426.60	16426.60	16109.60	16109.60	16109.60	16030.40	16030.40	16030.40
	Case II	MF	using batching plant & manual placing	Cum	17095.90	17095.90	17095.90	16878.50	16878.50	16878.50	16699.70	16699.70	16699.70	16482.30	16482.30	16482.30
	(iii)		<i>RCC Grade M30</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	16595.40	16595.40	16595.40	16516.20	16516.20	16516.20	16197.00	16197.00	16197.00	16117.80	16117.80	16117.80
	Case II	MF	using batching plant & manual placing	Cum	17185.50	17185.50	17185.50	16968.00	16968.00	16968.00	16787.10	16787.10	16787.10	16569.70	16569.70	16569.70
	(iv)		<i>RCC Grade M35</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	16899.40	16899.40	16899.40	16820.20	16820.20	16820.20	16493.70	16493.70	16493.70	16414.50	16414.50	16414.50
	Case II	MF	using batching plant & manual placing	Cum	17489.50	17489.50	17489.50	17272.10	17272.10	17272.10	17083.80	17083.80	17083.80	16866.40	16866.40	16866.40
	(v)		<i>RCC Grade M40</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	17157.00	17157.00	17157.00	17077.80	17077.80	17077.80	16745.10	16745.10	16745.10	16665.90	16665.90	16665.90
	Case II	MF	using batching plant & manual placing	Cum	17747.10	17747.10	17747.10	17529.70	17529.70	17529.70	17335.20	17335.20	17335.20	17117.80	17117.80	17117.80
	B		Well steining													
	(i)		<i>PCC Grade M15</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	13024.70	13024.70	13024.70	12961.50	12961.50	12961.50	12713.40	12713.40	12713.40	12650.20	12650.20	12650.20
	Case II	MF	using batching plant & manual placing	Cum	13603.60	13603.60	13603.60	13404.30	13404.30	13404.30	13292.30	13292.30	13292.30	13093.00	13093.00	13093.00
	(ii)		<i>PCC Grade M20</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	14127.20	14127.20	14127.20	14064.00	14064.00	14064.00	13788.60	13788.60	13788.60	13725.40	13725.40	13725.40
	Case II	MF	using batching plant & manual placing	Cum	14706.10	14706.10	14706.10	14506.80	14506.80	14506.80	14367.50	14367.50	14367.50	14168.20	14168.20	14168.20
	(iii)		<i>RCC Grade M20</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	14128.70	14128.70	14128.70	14094.10	14094.10	14094.10	13788.90	13788.90	13788.90	13754.20	13754.20	13754.20
	Case II	MF	using batching plant & manual placing	Cum	14707.60	14707.60	14707.60	14508.30	14508.30	14508.30	14367.80	14367.80	14367.80	14168.50	14168.50	14168.50

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			WELL FOUNDATION													
B 12.09			Providing and Constructing Temporary Island 24 m diameter for Construction of Well Foundation for 8 m dia. Well.													
	A		Assuming depth of water 1.0 m and height of island to be 1.25 m.	Nos	398473.00	398473.00	398473.00	398473.10	398473.10	398473.10	445449.50	445449.50	445449.50	445449.60	445449.60	445449.60
	B		Assuming depth of water 4.0 m and height of island 4.5 m.	Nos	2467353.10	2467353.10	2467353.10	2467353.10	2467353.10	2467353.10	2819824.80	2819824.80	2819824.80	2819824.80	2819824.80	2819824.80
	C		Providing and constructing one span service road to reach island location from one pier location to another pier location	Nos	6352.10	6352.10	6352.10	6352.10	6352.10	6352.10	6916.50	6916.50	6916.50	6916.50	6916.50	6916.50
			Assuming span length 30 m, width of service road 10 m and depth of water 1 m													
B 12.10			Providing and Laying Cutting Edge of Mild Steel weighing 40 kg per metre for Well Foundation complete as per Drawing and Technical Specification.	MT	149816.60	149800.90	149793.00	142549.80	142534.10	142526.20	154690.70	154675.00	154667.20	147423.90	147408.20	147400.40
B 12.11			Plain/Reinforced Cement Concrete, in Well Foundation complete as per Drawing and Technical Specification.													
	A		Well curb - RCC Grade M20 using batching plant & Concrete pump													
	(i)		<i>RCC Grade M20</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	12475.30	12475.30	12475.30	12410.30	12410.30	12410.30	16057.60	16057.60	16057.60	15992.60	15992.60	15992.60
	Case II	MF	using batching plant & manual placing	Cum	13079.70	13079.70	13079.70	12862.20	12862.20	12862.20	16661.90	16661.90	16661.90	16444.50	16444.50	16444.50
	(ii)		<i>RCC Grade M25</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	13339.60	13339.60	13339.60	13260.40	13260.40	13260.40	17163.80	17163.80	17163.80	17084.60	17084.60	17084.60
	Case II	MF	using batching plant & manual placing	Cum	13929.70	13929.70	13929.70	13712.30	13712.30	13712.30	17753.90	17753.90	17753.90	17536.50	17536.50	17536.50
	(iii)		<i>RCC Grade M30</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	13413.20	13413.20	13413.20	13334.00	13334.00	13334.00	17256.10	17256.10	17256.10	17176.80	17176.80	17176.80
	Case II	MF	using batching plant & manual placing	Cum	14003.30	14003.30	14003.30	13785.90	13785.90	13785.90	17846.20	17846.20	17846.20	17628.70	17628.70	17628.70
	(iv)		<i>RCC Grade M35</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	13659.90	13659.90	13659.90	13580.70	13580.70	13580.70	17571.40	17571.40	17571.40	17492.20	17492.20	17492.20
	Case II	MF	using batching plant & manual placing	Cum	14250.00	14250.00	14250.00	14032.60	14032.60	14032.60	18161.50	18161.50	18161.50	17944.10	17944.10	17944.10
	(v)		<i>RCC Grade M40</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	13873.50	13873.50	13873.50	13794.30	13794.30	13794.30	17835.60	17835.60	17835.60	17756.40	17756.40	17756.40
	Case II	MF	using batching plant & manual placing	Cum	14463.60	14463.60	14463.60	14246.20	14246.20	14246.20	18425.70	18425.70	18425.70	18208.30	18208.30	18208.30
	B		Well steining													
	(i)		<i>PCC Grade M15</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	10535.50	10535.50	10535.50	10472.30	10472.30	10472.30	13542.90	13542.90	13542.90	13479.70	13479.70	13479.70
	Case II	MF	using batching plant & manual placing	Cum	11114.40	11114.40	11114.40	10915.10	10915.10	10915.10	14121.80	14121.80	14121.80	13922.50	13922.50	13922.50
	(ii)		<i>PCC Grade M20</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	11419.30	11419.30	11419.30	11356.10	11356.10	11356.10	14690.90	14690.90	14690.90	14627.70	14627.70	14627.70
	Case II	MF	using batching plant & manual placing	Cum	11998.20	11998.20	11998.20	11798.90	11798.90	11798.90	15269.80	15269.80	15269.80	15070.50	15070.50	15070.50
	(iii)		<i>RCC Grade M20</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	11410.80	11410.80	11410.80	11376.20	11376.20	11376.20	14694.50	14694.50	14694.50	14659.90	14659.90	14659.90
	Case II	MF	using batching plant & manual placing	Cum	11989.70	11989.70	11989.70	11790.40	11790.40	11790.40	15273.40	15273.40	15273.40	15074.10	15074.10	15074.10

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			WELL FOUNDATION													
B 12.09			Providing and Constructing Temporary Island 24 m diameter for Construction of Well Foundation for 8 m dia. Well.													
	A		Assuming depth of water 1.0 m and height of island to be 1.25 m.	Nos	400945.50	400945.50	400945.50	400945.50	400945.50	400945.50	423197.50	423197.50	423197.50	423197.60	423197.60	423197.60
	B		Assuming depth of water 4.0 m and height of island 4.5 m.	Nos	2485904.20	2485904.20	2485904.20	2485904.20	2485904.20	2485904.20	2652864.50	2652864.50	2652864.50	2652864.50	2652864.50	2652864.50
	C		Providing and constructing one span service road to reach island location from one pier location to another pier location	Nos	6381.80	6381.80	6381.80	6381.80	6381.80	6381.80	6649.10	6649.10	6649.10	6649.10	6649.10	6649.10
			Assuming span length 30 m, width of service road 10 m and depth of water 1 m													
B 12.10			Providing and Laying Cutting Edge of Mild Steel weighing 40 kg per metre for Well Foundation complete as per Drawing and Technical Specification.	MT	150769.50	150753.80	150745.90	143502.70	143487.00	143479.10	151718.30	151702.60	151694.70	144451.50	144435.80	144427.90
B 12.11			Plain/Reinforced Cement Concrete, in Well Foundation complete as per Drawing and Technical Specification.													
	A		Well curb - RCC Grade M20 using batching plant & Concrete pump													
	(i)		<i>RCC Grade M20</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	13216.00	13216.00	13216.00	13151.00	13151.00	13151.00	13834.60	13834.60	13834.60	13769.60	13769.60	13769.60
	Case II	MF	using batching plant & manual placing	Cum	13820.30	13820.30	13820.30	13602.90	13602.90	13602.90	14438.90	14438.90	14438.90	14221.50	14221.50	14221.50
	(ii)		<i>RCC Grade M25</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	14129.10	14129.10	14129.10	14049.90	14049.90	14049.90	14791.90	14791.90	14791.90	14712.70	14712.70	14712.70
	Case II	MF	using batching plant & manual placing	Cum	14719.20	14719.20	14719.20	14501.80	14501.80	14501.80	15382.00	15382.00	15382.00	15164.60	15164.60	15164.60
	(iii)		<i>RCC Grade M30</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	14205.90	14205.90	14205.90	14126.70	14126.70	14126.70	14873.10	14873.10	14873.10	14793.90	14793.90	14793.90
	Case II	MF	using batching plant & manual placing	Cum	14796.00	14796.00	14796.00	14578.60	14578.60	14578.60	15463.20	15463.20	15463.20	15245.80	15245.80	15245.80
	(iv)		<i>RCC Grade M35</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	14466.10	14466.10	14466.10	14386.80	14386.80	14386.80	15146.60	15146.60	15146.60	15067.40	15067.40	15067.40
	Case II	MF	using batching plant & manual placing	Cum	15056.10	15056.10	15056.10	14838.70	14838.70	14838.70	15736.70	15736.70	15736.70	15519.20	15519.20	15519.20
	(v)		<i>RCC Grade M40</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	14687.50	14687.50	14687.50	14608.30	14608.30	14608.30	15381.90	15381.90	15381.90	15302.70	15302.70	15302.70
	Case II	MF	using batching plant & manual placing	Cum	15277.60	15277.60	15277.60	15060.20	15060.20	15060.20	15972.00	15972.00	15972.00	15754.60	15754.60	15754.60
	B		Well steining													
	(i)		<i>PCC Grade M15</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	11157.40	11157.40	11157.40	11094.20	11094.20	11094.20	11676.60	11676.60	11676.60	11613.40	11613.40	11613.40
	Case II	MF	using batching plant & manual placing	Cum	11736.30	11736.30	11736.30	11537.00	11537.00	11537.00	12255.50	12255.50	12255.50	12056.20	12056.20	12056.20
	(ii)		<i>PCC Grade M20</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	12095.70	12095.70	12095.70	12032.60	12032.60	12032.60	12660.70	12660.70	12660.70	12597.50	12597.50	12597.50
	Case II	MF	using batching plant & manual placing	Cum	12674.60	12674.60	12674.60	12475.30	12475.30	12475.30	13239.60	13239.60	13239.60	13040.30	13040.30	13040.30
	(iii)		<i>RCC Grade M20</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	12089.80	12089.80	12089.80	12055.10	12055.10	12055.10	12656.80	12656.80	12656.80	12622.10	12622.10	12622.10
	Case II	MF	using batching plant & manual placing	Cum	12668.60	12668.60	12668.60	12469.30	12469.30	12469.30	13235.70	13235.70	13235.70	13036.40	13036.40	13036.40

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			WELL FOUNDATION													
B 12.09			Providing and Constructing Temporary Island 24 m diameter for Construction of Well Foundation for 8 m dia. Well.													
	A		Assuming depth of water 1.0 m and height of island to be 1.25 m.	Nos	470174.00	470174.00	470174.00	470174.10	470174.10	470174.10	455339.30	455339.30	455339.30	455339.40	455339.40	455339.40
	B		Assuming depth of water 4.0 m and height of island 4.5 m.	Nos	3005336.20	3005336.20	3005336.20	3005336.20	3005336.20	3005336.20	2894029.40	2894029.40	2894029.40	2894029.40	2894029.40	2894029.40
	C		Providing and constructing one span service road to reach island location from one pier location to another pier location	Nos	7213.60	7213.60	7213.60	7213.60	7213.60	7213.60	7035.30	7035.30	7035.30	7035.30	7035.30	7035.30
			Assuming span length 30 m, width of service road 10 m and depth of water 1 m													
B 12.10			Providing and Laying Cutting Edge of Mild Steel weighing 40 kg per metre for Well Foundation complete as per Drawing and Technical Specification.	MT	159083.10	159067.30	159059.50	151816.30	151800.50	151792.70	156634.50	156618.70	156610.90	149367.70	149351.90	149344.10
B 12.11			Plain/Reinforced Cement Concrete, in Well Foundation complete as per Drawing and Technical Specification.													
	A		Well curb - RCC Grade M20 using batching plant & Concrete pump													
	(i)		<i>RCC Grade M20</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	19391.60	19391.60	19391.60	19326.60	19326.60	19326.60	17539.30	17539.30	17539.30	17474.30	17474.30	17474.30
	Case II	MF	using batching plant & manual placing	Cum	19995.90	19995.90	19995.90	19778.50	19778.50	19778.50	18143.60	18143.60	18143.60	17926.20	17926.20	17926.20
	(ii)		<i>RCC Grade M25</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	20719.60	20719.60	20719.60	20640.30	20640.30	20640.30	18743.90	18743.90	18743.90	18664.60	18664.60	18664.60
	Case II	MF	using batching plant & manual placing	Cum	21309.60	21309.60	21309.60	21092.20	21092.20	21092.20	19334.00	19334.00	19334.00	19116.50	19116.50	19116.50
	(iii)		<i>RCC Grade M30</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	20827.60	20827.60	20827.60	20748.30	20748.30	20748.30	18843.00	18843.00	18843.00	18763.80	18763.80	18763.80
	Case II	MF	using batching plant & manual placing	Cum	21417.70	21417.70	21417.70	21200.20	21200.20	21200.20	19433.10	19433.10	19433.10	19215.70	19215.70	19215.70
	(iv)		<i>RCC Grade M35</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	21204.90	21204.90	21204.90	21125.70	21125.70	21125.70	19185.80	19185.80	19185.80	19106.60	19106.60	19106.60
	Case II	MF	using batching plant & manual placing	Cum	21795.00	21795.00	21795.00	21577.60	21577.60	21577.60	19775.90	19775.90	19775.90	19558.50	19558.50	19558.50
	(v)		<i>RCC Grade M40</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	21509.30	21509.30	21509.30	21430.10	21430.10	21430.10	19467.50	19467.50	19467.50	19388.30	19388.30	19388.30
	Case II	MF	using batching plant & manual placing	Cum	22099.40	22099.40	22099.40	21882.00	21882.00	21882.00	20057.60	20057.60	20057.60	19840.20	19840.20	19840.20
	B		Well steining													
	(i)		<i>PCC Grade M15</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	16342.00	16342.00	16342.00	16278.80	16278.80	16278.80	14786.90	14786.90	14786.90	14723.70	14723.70	14723.70
	Case II	MF	using batching plant & manual placing	Cum	16920.90	16920.90	16920.90	16721.60	16721.60	16721.60	15365.80	15365.80	15365.80	15166.50	15166.50	15166.50
	(ii)		<i>PCC Grade M20</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	17735.80	17735.80	17735.80	17672.60	17672.60	17672.60	16044.10	16044.10	16044.10	15980.90	15980.90	15980.90
	Case II	MF	using batching plant & manual placing	Cum	18314.70	18314.70	18314.70	18115.40	18115.40	18115.40	16623.00	16623.00	16623.00	16423.70	16423.70	16423.70
	(iii)		<i>RCC Grade M20</i>													
	Case I	MF	using batching plant & Concrete pump	Cum	17750.70	17750.70	17750.70	17716.00	17716.00	17716.00	16052.80	16052.80	16052.80	16018.10	16018.10	16018.10
	Case II	MF	using batching plant & manual placing	Cum	18329.60	18329.60	18329.60	18130.30	18130.30	18130.30	16631.70	16631.70	16631.70	16432.40	16432.40	16432.40

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iv)		PCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	11340.30	11340.30	11340.30	11277.10	11277.10	11277.10	10652.20	10652.20	10652.20	10589.00	10589.00	10589.00
	Case II	MF	using batching plant & manual placing	Cum	11919.20	11919.20	11919.20	11719.90	11719.90	11719.90	11231.10	11231.10	11231.10	11031.80	11031.80	11031.80
	(v)		RCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	11673.50	11673.50	11673.50	11638.80	11638.80	11638.80	10980.40	10980.40	10980.40	10945.70	10945.70	10945.70
	Case II	MF	using batching plant & manual placing	Cum	12252.40	12252.40	12252.40	12053.10	12053.10	12053.10	11559.30	11559.30	11559.30	11360.00	11360.00	11360.00
	(vi)		PCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	11407.60	11407.60	11407.60	11344.40	11344.40	11344.40	10716.00	10716.00	10716.00	10652.80	10652.80	10652.80
	Case II	MF	using batching plant & manual placing	Cum	11986.50	11986.50	11986.50	11787.20	11787.20	11787.20	11294.80	11294.80	11294.80	11095.50	11095.50	11095.50
	(vii)		RCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	11775.90	11775.90	11775.90	11703.30	11703.30	11703.30	11079.10	11079.10	11079.10	11006.50	11006.50	11006.50
	Case II	MF	using batching plant & manual placing	Cum	12316.80	12316.80	12316.80	12117.50	12117.50	12117.50	11620.10	11620.10	11620.10	11420.80	11420.80	11420.80
	(viii)		RCC Grade M35													
	Case I	MF	using batching plant & Concrete pump	Cum	11990.20	11990.20	11990.20	11917.60	11917.60	11917.60	11281.70	11281.70	11281.70	11209.10	11209.10	11209.10
	Case II	MF	using batching plant & manual placing	Cum	12531.10	12531.10	12531.10	12331.80	12331.80	12331.80	11822.70	11822.70	11822.70	11623.40	11623.40	11623.40
	(ix)		RCC Grade M40													
	Case I	MF	using batching plant & Concrete pump	Cum	12178.40	12178.40	12178.40	12105.80	12105.80	12105.80	11458.80	11458.80	11458.80	11386.20	11386.20	11386.20
	Case II	MF	using batching plant & manual placing	Cum	12719.40	12719.40	12719.40	12520.10	12520.10	12520.10	11999.80	11999.80	11999.80	11800.50	11800.50	11800.50
	C		Bottom Plug													
	(i)		PCC Grade M20													
	Case I	MF	using batching plant & Concrete pump	Cum	10201.10	10201.10	10201.10	10137.10	10137.10	10137.10	9579.50	9579.50	9579.50	9515.40	9515.40	9515.40
	Case II	MF	using batching plant & manual placing	Cum	10908.60	10908.60	10908.60	10718.40	10718.40	10718.40	10286.90	10286.90	10286.90	10096.70	10096.70	10096.70
	(ii)		PCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	10860.60	10860.60	10860.60	10796.50	10796.50	10796.50	10203.80	10203.80	10203.80	10139.80	10139.80	10139.80
	Case II	MF	using batching plant & manual placing	Cum	11431.60	11431.60	11431.60	11241.40	11241.40	11241.40	10774.80	10774.80	10774.80	10584.60	10584.60	10584.60
	(iii)		PCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	10924.90	10924.90	10924.90	10860.80	10860.80	10860.80	10264.70	10264.70	10264.70	10200.60	10200.60	10200.60
	Case II	MF	using batching plant & manual placing	Cum	11495.90	11495.90	11495.90	11305.60	11305.60	11305.60	10835.70	10835.70	10835.70	10645.40	10645.40	10645.40
	(iv)		PCC Grade M35													
	Case I	MF	using batching plant & Concrete pump	Cum	11388.30	11388.30	11388.30	11324.30	11324.30	11324.30	10715.30	10715.30	10715.30	10651.20	10651.20	10651.20
	Case II	MF	using batching plant & manual placing	Cum	11959.30	11959.30	11959.30	11769.10	11769.10	11769.10	11286.30	11286.30	11286.30	11096.10	11096.10	11096.10
	D		Intermediate plug													
	(i)		PCC Grade M20													
	Case I	MF	using batching plant & Concrete pump	Cum	9715.40	9715.40	9715.40	9654.30	9654.30	9654.30	9123.30	9123.30	9123.30	9062.30	9062.30	9062.30
	Case II	MF	using batching plant & manual placing	Cum	10389.10	10389.10	10389.10	10208.00	10208.00	10208.00	9797.10	9797.10	9797.10	9615.90	9615.90	9615.90
	(ii)		PCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	10343.40	10343.40	10343.40	10282.40	10282.40	10282.40	9717.90	9717.90	9717.90	9656.90	9656.90	9656.90
	Case II	MF	using batching plant & manual placing	Cum	10887.20	10887.20	10887.20	10706.10	10706.10	10706.10	10261.70	10261.70	10261.70	10080.60	10080.60	10080.60
	(iii)		PCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	10404.60	10404.60	10404.60	10343.60	10343.60	10343.60	9775.90	9775.90	9775.90	9714.90	9714.90	9714.90
	Case II	MF	using batching plant & manual placing	Cum	10948.40	10948.40	10948.40	10767.30	10767.30	10767.30	10319.70	10319.70	10319.70	10138.50	10138.50	10138.50
	E		Top Plug													
	(i)		PCC Grade M15													
	Case I	MF	using batching plant & Concrete pump	Cum	9219.80	9219.80	9219.80	9021.20	9021.20	9021.20	8665.60	8665.60	8665.60	8467.00	8467.00	8467.00

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iv)		PCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	11340.30	11340.30	11340.30	11277.10	11277.10	11277.10	13472.70	13472.70	13472.70	13409.60	13409.60	13409.60
	Case II	MF	using batching plant & manual placing	Cum	11919.20	11919.20	11919.20	11719.90	11719.90	11719.90	14051.60	14051.60	14051.60	13852.30	13852.30	13852.30
	(v)		RCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	11673.50	11673.50	11673.50	11638.80	11638.80	11638.80	13518.50	13518.50	13518.50	13483.80	13483.80	13483.80
	Case II	MF	using batching plant & manual placing	Cum	12252.40	12252.40	12252.40	12053.10	12053.10	12053.10	14097.40	14097.40	14097.40	13898.10	13898.10	13898.10
	(vi)		PCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	11407.60	11407.60	11407.60	11344.40	11344.40	11344.40	13552.00	13552.00	13552.00	13488.80	13488.80	13488.80
	Case II	MF	using batching plant & manual placing	Cum	11986.50	11986.50	11986.50	11787.20	11787.20	11787.20	14130.80	14130.80	14130.80	13931.50	13931.50	13931.50
	(vii)		RCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	11775.90	11775.90	11775.90	11703.30	11703.30	11703.30	13630.00	13630.00	13630.00	13557.30	13557.30	13557.30
	Case II	MF	using batching plant & manual placing	Cum	12316.80	12316.80	12316.80	12117.50	12117.50	12117.50	14170.90	14170.90	14170.90	13971.60	13971.60	13971.60
	(viii)		RCC Grade M35													
	Case I	MF	using batching plant & Concrete pump	Cum	11990.20	11990.20	11990.20	11917.60	11917.60	11917.60	13879.50	13879.50	13879.50	13806.80	13806.80	13806.80
	Case II	MF	using batching plant & manual placing	Cum	12531.10	12531.10	12531.10	12331.80	12331.80	12331.80	14420.40	14420.40	14420.40	14221.10	14221.10	14221.10
	(ix)		RCC Grade M40													
	Case I	MF	using batching plant & Concrete pump	Cum	12178.40	12178.40	12178.40	12105.80	12105.80	12105.80	14091.00	14091.00	14091.00	14018.40	14018.40	14018.40
	Case II	MF	using batching plant & manual placing	Cum	12719.40	12719.40	12719.40	12520.10	12520.10	12520.10	14631.90	14631.90	14631.90	14432.60	14432.60	14432.60
	C		Bottom Plug													
	(i)		PCC Grade M20													
	Case I	MF	using batching plant & Concrete pump	Cum	10201.10	10201.10	10201.10	10137.10	10137.10	10137.10	12120.30	12120.30	12120.30	12056.20	12056.20	12056.20
	Case II	MF	using batching plant & manual placing	Cum	10908.60	10908.60	10908.60	10718.40	10718.40	10718.40	12827.80	12827.80	12827.80	12637.50	12637.50	12637.50
	(ii)		PCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	10860.60	10860.60	10860.60	10796.50	10796.50	10796.50	12896.20	12896.20	12896.20	12832.10	12832.10	12832.10
	Case II	MF	using batching plant & manual placing	Cum	11431.60	11431.60	11431.60	11241.40	11241.40	11241.40	13467.20	13467.20	13467.20	13276.90	13276.90	13276.90
	(iii)		PCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	10924.90	10924.90	10924.90	10860.80	10860.80	10860.80	12971.80	12971.80	12971.80	12907.70	12907.70	12907.70
	Case II	MF	using batching plant & manual placing	Cum	11495.90	11495.90	11495.90	11305.60	11305.60	11305.60	13542.80	13542.80	13542.80	13352.50	13352.50	13352.50
	(iv)		PCC Grade M35													
	Case I	MF	using batching plant & Concrete pump	Cum	11388.30	11388.30	11388.30	11324.30	11324.30	11324.30	13184.00	13184.00	13184.00	13120.00	13120.00	13120.00
	Case II	MF	using batching plant & manual placing	Cum	11959.30	11959.30	11959.30	11769.10	11769.10	11769.10	13755.00	13755.00	13755.00	13564.80	13564.80	13564.80
	D		Intermediate plug													
	(i)		PCC Grade M20													
	Case I	MF	using batching plant & Concrete pump	Cum	9715.40	9715.40	9715.40	9654.30	9654.30	9654.30	11543.10	11543.10	11543.10	11482.10	11482.10	11482.10
	Case II	MF	using batching plant & manual placing	Cum	10389.10	10389.10	10389.10	10208.00	10208.00	10208.00	12216.90	12216.90	12216.90	12035.70	12035.70	12035.70
	(ii)		PCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	10343.40	10343.40	10343.40	10282.40	10282.40	10282.40	12282.10	12282.10	12282.10	12221.00	12221.00	12221.00
	Case II	MF	using batching plant & manual placing	Cum	10887.20	10887.20	10887.20	10706.10	10706.10	10706.10	12825.90	12825.90	12825.90	12644.70	12644.70	12644.70
	(iii)		PCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	10404.60	10404.60	10404.60	10343.60	10343.60	10343.60	12354.10	12354.10	12354.10	12293.00	12293.00	12293.00
	Case II	MF	using batching plant & manual placing	Cum	10948.40	10948.40	10948.40	10767.30	10767.30	10767.30	12897.90	12897.90	12897.90	12716.70	12716.70	12716.70
	E		Top Plug													
	(i)		PCC Grade M15													
	Case I	MF	using batching plant & Concrete pump	Cum	9219.80	9219.80	9219.80	9021.20	9021.20	9021.20	11049.00	11049.00	11049.00	10850.40	10850.40	10850.40

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iv)		PCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	15035.50	15035.50	15035.50	14972.30	14972.30	14972.30	14674.90	14674.90	14674.90	14611.70	14611.70	14611.70
	Case II	MF	using batching plant & manual placing	Cum	15614.40	15614.40	15614.40	15415.10	15415.10	15415.10	15253.80	15253.80	15253.80	15054.50	15054.50	15054.50
	(v)		RCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	15092.40	15092.40	15092.40	15057.70	15057.70	15057.70	14729.20	14729.20	14729.20	14694.50	14694.50	14694.50
	Case II	MF	using batching plant & manual placing	Cum	15671.30	15671.30	15671.30	15472.00	15472.00	15472.00	15308.10	15308.10	15308.10	15108.80	15108.80	15108.80
	(vi)		PCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	15124.00	15124.00	15124.00	15060.90	15060.90	15060.90	14761.30	14761.30	14761.30	14698.10	14698.10	14698.10
	Case II	MF	using batching plant & manual placing	Cum	15702.90	15702.90	15702.90	15503.60	15503.60	15503.60	15340.10	15340.10	15340.10	15140.80	15140.80	15140.80
	(vii)		RCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	15212.40	15212.40	15212.40	15139.80	15139.80	15139.80	14847.20	14847.20	14847.20	14774.60	14774.60	14774.60
	Case II	MF	using batching plant & manual placing	Cum	15753.30	15753.30	15753.30	15554.00	15554.00	15554.00	15388.20	15388.20	15388.20	15188.90	15188.90	15188.90
	(viii)		RCC Grade M35													
	Case I	MF	using batching plant & Concrete pump	Cum	15491.10	15491.10	15491.10	15418.50	15418.50	15418.50	15119.20	15119.20	15119.20	15046.60	15046.60	15046.60
	Case II	MF	using batching plant & manual placing	Cum	16032.10	16032.10	16032.10	15832.80	15832.80	15832.80	15660.10	15660.10	15660.10	15460.80	15460.80	15460.80
	(ix)		RCC Grade M40													
	Case I	MF	using batching plant & Concrete pump	Cum	15727.30	15727.30	15727.30	15654.60	15654.60	15654.60	15349.70	15349.70	15349.70	15277.10	15277.10	15277.10
	Case II	MF	using batching plant & manual placing	Cum	16268.20	16268.20	16268.20	16068.90	16068.90	16068.90	15890.60	15890.60	15890.60	15691.30	15691.30	15691.30
	C		Bottom Plug													
	(i)		PCC Grade M20													
	Case I	MF	using batching plant & Concrete pump	Cum	13520.80	13520.80	13520.80	13456.80	13456.80	13456.80	13197.60	13197.60	13197.60	13133.60	13133.60	13133.60
	Case II	MF	using batching plant & manual placing	Cum	14228.30	14228.30	14228.30	14038.10	14038.10	14038.10	13905.10	13905.10	13905.10	13714.90	13714.90	13714.90
	(ii)		PCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	14387.90	14387.90	14387.90	14323.80	14323.80	14323.80	14043.70	14043.70	14043.70	13979.60	13979.60	13979.60
	Case II	MF	using batching plant & manual placing	Cum	14958.90	14958.90	14958.90	14768.70	14768.70	14768.70	14614.60	14614.60	14614.60	14424.40	14424.40	14424.40
	(iii)		PCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	14472.40	14472.40	14472.40	14408.30	14408.30	14408.30	14126.10	14126.10	14126.10	14062.00	14062.00	14062.00
	Case II	MF	using batching plant & manual placing	Cum	15043.40	15043.40	15043.40	14853.20	14853.20	14853.20	14697.10	14697.10	14697.10	14506.90	14506.90	14506.90
	(iv)		PCC Grade M35													
	Case I	MF	using batching plant & Concrete pump	Cum	14715.00	14715.00	14715.00	14651.00	14651.00	14651.00	14361.70	14361.70	14361.70	14297.70	14297.70	14297.70
	Case II	MF	using batching plant & manual placing	Cum	15286.00	15286.00	15286.00	15095.80	15095.80	15095.80	14932.70	14932.70	14932.70	14742.50	14742.50	14742.50
	D		Intermediate plug													
	(i)		PCC Grade M20													
	Case I	MF	using batching plant & Concrete pump	Cum	12877.00	12877.00	12877.00	12816.00	12816.00	12816.00	12569.20	12569.20	12569.20	12508.20	12508.20	12508.20
	Case II	MF	using batching plant & manual placing	Cum	13550.80	13550.80	13550.80	13369.60	13369.60	13369.60	13243.00	13243.00	13243.00	13061.80	13061.80	13061.80
	(ii)		PCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	13702.80	13702.80	13702.80	13641.70	13641.70	13641.70	13374.90	13374.90	13374.90	13313.90	13313.90	13313.90
	Case II	MF	using batching plant & manual placing	Cum	14246.60	14246.60	14246.60	14065.40	14065.40	14065.40	13918.70	13918.70	13918.70	13737.50	13737.50	13737.50
	(iii)		PCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	13783.20	13783.20	13783.20	13722.20	13722.20	13722.20	13453.40	13453.40	13453.40	13392.40	13392.40	13392.40
	Case II	MF	using batching plant & manual placing	Cum	14327.00	14327.00	14327.00	14145.90	14145.90	14145.90	13997.20	13997.20	13997.20	13816.10	13816.10	13816.10
	E		Top Plug													
	(i)		PCC Grade M15													
	Case I	MF	using batching plant & Concrete pump	Cum	12281.70	12281.70	12281.70	12083.10	12083.10	12083.10	11997.20	11997.20	11997.20	11798.60	11798.60	11798.60

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iv)		PCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	12151.40	12151.40	12151.40	12088.20	12088.20	12088.20	15635.90	15635.90	15635.90	15572.70	15572.70	15572.70
	Case II	MF	using batching plant & manual placing	Cum	12730.30	12730.30	12730.30	12531.00	12531.00	12531.00	16214.80	16214.80	16214.80	16015.50	16015.50	16015.50
	(v)		RCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	12190.00	12190.00	12190.00	12155.40	12155.40	12155.40	15695.50	15695.50	15695.50	15660.90	15660.90	15660.90
	Case II	MF	using batching plant & manual placing	Cum	12768.90	12768.90	12768.90	12569.60	12569.60	12569.60	16274.40	16274.40	16274.40	16075.10	16075.10	16075.10
	(vi)		PCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	12222.80	12222.80	12222.80	12159.60	12159.60	12159.60	15728.00	15728.00	15728.00	15664.80	15664.80	15664.80
	Case II	MF	using batching plant & manual placing	Cum	12801.70	12801.70	12801.70	12602.40	12602.40	12602.40	16306.90	16306.90	16306.90	16107.60	16107.60	16107.60
	(vii)		RCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	12295.50	12295.50	12295.50	12222.80	12222.80	12222.80	15818.10	15818.10	15818.10	15745.40	15745.40	15745.40
	Case II	MF	using batching plant & manual placing	Cum	12836.40	12836.40	12836.40	12637.10	12637.10	12637.10	16359.00	16359.00	16359.00	16159.70	16159.70	16159.70
	(viii)		RCC Grade M35													
	Case I	MF	using batching plant & Concrete pump	Cum	12521.60	12521.60	12521.60	12449.00	12449.00	12449.00	16107.10	16107.10	16107.10	16034.50	16034.50	16034.50
	Case II	MF	using batching plant & manual placing	Cum	13062.50	13062.50	13062.50	12863.20	12863.20	12863.20	16648.00	16648.00	16648.00	16448.70	16448.70	16448.70
	(ix)		RCC Grade M40													
	Case I	MF	using batching plant & Concrete pump	Cum	12717.40	12717.40	12717.40	12644.80	12644.80	12644.80	16349.30	16349.30	16349.30	16276.70	16276.70	16276.70
	Case II	MF	using batching plant & manual placing	Cum	13258.30	13258.30	13258.30	13059.00	13059.00	13059.00	16890.20	16890.20	16890.20	16691.00	16691.00	16691.00
	C		Bottom Plug													
	(i)		PCC Grade M20													
	Case I	MF	using batching plant & Concrete pump	Cum	10936.00	10936.00	10936.00	10872.00	10872.00	10872.00	14059.00	14059.00	14059.00	13994.90	13994.90	13994.90
	Case II	MF	using batching plant & manual placing	Cum	11643.50	11643.50	11643.50	11453.30	11453.30	11453.30	14766.40	14766.40	14766.40	14576.20	14576.20	14576.20
	(ii)		PCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	11634.90	11634.90	11634.90	11570.80	11570.80	11570.80	14961.00	14961.00	14961.00	14896.90	14896.90	14896.90
	Case II	MF	using batching plant & manual placing	Cum	12205.90	12205.90	12205.90	12015.60	12015.60	12015.60	15532.00	15532.00	15532.00	15341.80	15341.80	15341.80
	(iii)		PCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	11703.00	11703.00	11703.00	11638.90	11638.90	11638.90	15048.90	15048.90	15048.90	14984.80	14984.80	14984.80
	Case II	MF	using batching plant & manual placing	Cum	12274.00	12274.00	12274.00	12083.80	12083.80	12083.80	15619.90	15619.90	15619.90	15429.70	15429.70	15429.70
	(iv)		PCC Grade M35													
	Case I	MF	using batching plant & Concrete pump	Cum	11893.00	11893.00	11893.00	11829.00	11829.00	11829.00	15300.90	15300.90	15300.90	15236.80	15236.80	15236.80
	Case II	MF	using batching plant & manual placing	Cum	12464.00	12464.00	12464.00	12273.80	12273.80	12273.80	15871.90	15871.90	15871.90	15681.70	15681.70	15681.70
	D		Intermediate plug													
	(i)		PCC Grade M20													
	Case I	MF	using batching plant & Concrete pump	Cum	10415.30	10415.30	10415.30	10354.30	10354.30	10354.30	13389.50	13389.50	13389.50	13328.50	13328.50	13328.50
	Case II	MF	using batching plant & manual placing	Cum	11089.10	11089.10	11089.10	10907.90	10907.90	10907.90	14063.30	14063.30	14063.30	13882.10	13882.10	13882.10
	(ii)		PCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	11080.80	11080.80	11080.80	11019.80	11019.80	11019.80	14248.60	14248.60	14248.60	14187.50	14187.50	14187.50
	Case II	MF	using batching plant & manual placing	Cum	11624.70	11624.70	11624.70	11443.50	11443.50	11443.50	14792.40	14792.40	14792.40	14611.20	14611.20	14611.20
	(iii)		PCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	11145.70	11145.70	11145.70	11084.70	11084.70	11084.70	14332.30	14332.30	14332.30	14271.30	14271.30	14271.30
	Case II	MF	using batching plant & manual placing	Cum	11689.50	11689.50	11689.50	11508.30	11508.30	11508.30	14876.10	14876.10	14876.10	14694.90	14694.90	14694.90
	E		Top Plug													
	(i)		PCC Grade M15													
	Case I	MF	using batching plant & Concrete pump	Cum	10009.60	10009.60	10009.60	9811.00	9811.00	9811.00	12753.30	12753.30	12753.30	12554.70	12554.70	12554.70

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iv)		PCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	12871.80	12871.80	12871.80	12808.70	12808.70	12808.70	13473.60	13473.60	13473.60	13410.40	13410.40	13410.40
	Case II	MF	using batching plant & manual placing	Cum	13450.70	13450.70	13450.70	13251.40	13251.40	13251.40	14052.50	14052.50	14052.50	13853.20	13853.20	13853.20
	(v)		RCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	12913.70	12913.70	12913.70	12879.00	12879.00	12879.00	13521.20	13521.20	13521.20	13486.60	13486.60	13486.60
	Case II	MF	using batching plant & manual placing	Cum	13492.60	13492.60	13492.60	13293.30	13293.30	13293.30	14100.10	14100.10	14100.10	13900.80	13900.80	13900.80
	(vi)		PCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	12947.50	12947.50	12947.50	12884.30	12884.30	12884.30	13552.80	13552.80	13552.80	13489.60	13489.60	13489.60
	Case II	MF	using batching plant & manual placing	Cum	13526.40	13526.40	13526.40	13327.10	13327.10	13327.10	14131.70	14131.70	14131.70	13932.40	13932.40	13932.40
	(vii)		RCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	13022.10	13022.10	13022.10	12949.50	12949.50	12949.50	13633.70	13633.70	13633.70	13561.10	13561.10	13561.10
	Case II	MF	using batching plant & manual placing	Cum	13563.00	13563.00	13563.00	13363.70	13363.70	13363.70	14174.60	14174.60	14174.60	13975.30	13975.30	13975.30
	(viii)		RCC Grade M35													
	Case I	MF	using batching plant & Concrete pump	Cum	13260.50	13260.50	13260.50	13187.90	13187.90	13187.90	13884.40	13884.40	13884.40	13811.70	13811.70	13811.70
	Case II	MF	using batching plant & manual placing	Cum	13801.50	13801.50	13801.50	13602.20	13602.20	13602.20	14425.30	14425.30	14425.30	14226.00	14226.00	14226.00
	(ix)		RCC Grade M40													
	Case I	MF	using batching plant & Concrete pump	Cum	13463.50	13463.50	13463.50	13390.90	13390.90	13390.90	14100.10	14100.10	14100.10	14027.50	14027.50	14027.50
	Case II	MF	using batching plant & manual placing	Cum	14004.40	14004.40	14004.40	13805.10	13805.10	13805.10	14641.00	14641.00	14641.00	14441.70	14441.70	14441.70
	C		Bottom Plug													
	(i)		PCC Grade M20													
	Case I	MF	using batching plant & Concrete pump	Cum	11581.70	11581.70	11581.70	11517.70	11517.70	11517.70	12121.00	12121.00	12121.00	12056.90	12056.90	12056.90
	Case II	MF	using batching plant & manual placing	Cum	12289.20	12289.20	12289.20	12099.00	12099.00	12099.00	12828.50	12828.50	12828.50	12638.20	12638.20	12638.20
	(ii)		PCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	12322.60	12322.60	12322.60	12258.50	12258.50	12258.50	12897.00	12897.00	12897.00	12832.90	12832.90	12832.90
	Case II	MF	using batching plant & manual placing	Cum	12893.60	12893.60	12893.60	12703.30	12703.30	12703.30	13468.00	13468.00	13468.00	13277.70	13277.70	13277.70
	(iii)		PCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	12394.80	12394.80	12394.80	12330.70	12330.70	12330.70	12972.60	12972.60	12972.60	12908.50	12908.50	12908.50
	Case II	MF	using batching plant & manual placing	Cum	12965.80	12965.80	12965.80	12775.50	12775.50	12775.50	13543.60	13543.60	13543.60	13353.30	13353.30	13353.30
	(iv)		PCC Grade M35													
	Case I	MF	using batching plant & Concrete pump	Cum	12595.90	12595.90	12595.90	12531.90	12531.90	12531.90	13187.70	13187.70	13187.70	13123.70	13123.70	13123.70
	Case II	MF	using batching plant & manual placing	Cum	13166.90	13166.90	13166.90	12976.70	12976.70	12976.70	13758.70	13758.70	13758.70	13568.50	13568.50	13568.50
	D		Intermediate plug													
	(i)		PCC Grade M20													
	Case I	MF	using batching plant & Concrete pump	Cum	11030.20	11030.20	11030.20	10969.20	10969.20	10969.20	11543.80	11543.80	11543.80	11482.80	11482.80	11482.80
	Case II	MF	using batching plant & manual placing	Cum	11704.00	11704.00	11704.00	11522.80	11522.80	11522.80	12217.60	12217.60	12217.60	12036.40	12036.40	12036.40
	(ii)		PCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	11735.80	11735.80	11735.80	11674.80	11674.80	11674.80	12282.80	12282.80	12282.80	12221.80	12221.80	12221.80
	Case II	MF	using batching plant & manual placing	Cum	12279.60	12279.60	12279.60	12098.40	12098.40	12098.40	12826.60	12826.60	12826.60	12645.50	12645.50	12645.50
	(iii)		PCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	11804.50	11804.50	11804.50	11743.50	11743.50	11743.50	12354.90	12354.90	12354.90	12293.80	12293.80	12293.80
	Case II	MF	using batching plant & manual placing	Cum	12348.30	12348.30	12348.30	12167.20	12167.20	12167.20	12898.70	12898.70	12898.70	12717.50	12717.50	12717.50
	E		Top Plug													
	(i)		PCC Grade M15													
	Case I	MF	using batching plant & Concrete pump	Cum	10575.50	10575.50	10575.50	10376.90	10376.90	10376.90	11052.00	11052.00	11052.00	10853.40	10853.40	10853.40

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iv)		PCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	18878.80	18878.80	18878.80	18815.60	18815.60	18815.60	17077.10	17077.10	17077.10	17013.90	17013.90	17013.90
	Case II	MF	using batching plant & manual placing	Cum	19457.70	19457.70	19457.70	19258.40	19258.40	19258.40	17656.00	17656.00	17656.00	17456.70	17456.70	17456.70
	(v)		RCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	18955.00	18955.00	18955.00	18920.30	18920.30	18920.30	17143.90	17143.90	17143.90	17109.30	17109.30	17109.30
	Case II	MF	using batching plant & manual placing	Cum	19533.80	19533.80	19533.80	19334.50	19334.50	19334.50	17722.80	17722.80	17722.80	17523.50	17523.50	17523.50
	(vi)		PCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	18990.20	18990.20	18990.20	18927.00	18927.00	18927.00	17177.80	17177.80	17177.80	17114.60	17114.60	17114.60
	Case II	MF	using batching plant & manual placing	Cum	19569.10	19569.10	19569.10	19369.80	19369.80	19369.80	17756.70	17756.70	17756.70	17557.40	17557.40	17557.40
	(vii)		RCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	19091.90	19091.90	19091.90	19019.30	19019.30	19019.30	17272.80	17272.80	17272.80	17200.20	17200.20	17200.20
	Case II	MF	using batching plant & manual placing	Cum	19632.90	19632.90	19632.90	19433.60	19433.60	19433.60	17813.70	17813.70	17813.70	17614.40	17614.40	17614.40
	(viii)		RCC Grade M35													
	Case I	MF	using batching plant & Concrete pump	Cum	19437.80	19437.80	19437.80	19365.20	19365.20	19365.20	17587.00	17587.00	17587.00	17514.40	17514.40	17514.40
	Case II	MF	using batching plant & manual placing	Cum	19978.70	19978.70	19978.70	19779.40	19779.40	19779.40	18127.90	18127.90	18127.90	17928.60	17928.60	17928.60
	(ix)		RCC Grade M40													
	Case I	MF	using batching plant & Concrete pump	Cum	19716.80	19716.80	19716.80	19644.20	19644.20	19644.20	17845.20	17845.20	17845.20	17772.60	17772.60	17772.60
	Case II	MF	using batching plant & manual placing	Cum	20257.80	20257.80	20257.80	20058.50	20058.50	20058.50	18386.10	18386.10	18386.10	18186.80	18186.80	18186.80
	C		Bottom Plug													
	(i)		PCC Grade M20													
	Case I	MF	using batching plant & Concrete pump	Cum	16965.40	16965.40	16965.40	16901.30	16901.30	16901.30	15350.60	15350.60	15350.60	15286.60	15286.60	15286.60
	Case II	MF	using batching plant & manual placing	Cum	17672.90	17672.90	17672.90	17482.60	17482.60	17482.60	16058.10	16058.10	16058.10	15867.90	15867.90	15867.90
	(ii)		PCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	18056.50	18056.50	18056.50	17992.40	17992.40	17992.40	16336.70	16336.70	16336.70	16272.60	16272.60	16272.60
	Case II	MF	using batching plant & manual placing	Cum	18627.50	18627.50	18627.50	18437.20	18437.20	18437.20	16907.70	16907.70	16907.70	16717.40	16717.40	16717.40
	(iii)		PCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	18162.80	18162.80	18162.80	18098.70	18098.70	18098.70	16432.80	16432.80	16432.80	16368.70	16368.70	16368.70
	Case II	MF	using batching plant & manual placing	Cum	18733.80	18733.80	18733.80	18543.50	18543.50	18543.50	17003.80	17003.80	17003.80	16813.50	16813.50	16813.50
	(iv)		PCC Grade M35													
	Case I	MF	using batching plant & Concrete pump	Cum	18468.10	18468.10	18468.10	18404.00	18404.00	18404.00	16708.20	16708.20	16708.20	16644.10	16644.10	16644.10
	Case II	MF	using batching plant & manual placing	Cum	19039.10	19039.10	19039.10	18848.80	18848.80	18848.80	17279.20	17279.20	17279.20	17089.00	17089.00	17089.00
	D		Intermediate plug													
	(i)		PCC Grade M20													
	Case I	MF	using batching plant & Concrete pump	Cum	16157.50	16157.50	16157.50	16096.50	16096.50	16096.50	14619.70	14619.70	14619.70	14558.60	14558.60	14558.60
	Case II	MF	using batching plant & manual placing	Cum	16831.30	16831.30	16831.30	16650.10	16650.10	16650.10	15293.40	15293.40	15293.40	15112.30	15112.30	15112.30
	(ii)		PCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	17196.60	17196.60	17196.60	17135.60	17135.60	17135.60	15558.70	15558.70	15558.70	15497.70	15497.70	15497.70
	Case II	MF	using batching plant & manual placing	Cum	17740.40	17740.40	17740.40	17559.20	17559.20	17559.20	16102.60	16102.60	16102.60	15921.40	15921.40	15921.40
	(iii)		PCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	17297.90	17297.90	17297.90	17236.90	17236.90	17236.90	15650.30	15650.30	15650.30	15589.20	15589.20	15589.20
	Case II	MF	using batching plant & manual placing	Cum	17841.70	17841.70	17841.70	17660.50	17660.50	17660.50	16194.10	16194.10	16194.10	16012.90	16012.90	16012.90
	E		Top Plug													
	(i)		PCC Grade M15													
	Case I	MF	using batching plant & Concrete pump	Cum	15303.00	15303.00	15303.00	15104.40	15104.40	15104.40	13886.20	13886.20	13886.20	13687.60	13687.60	13687.60

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	Case II	MF	using batching plant & manual placing	Cum	9770.40	9770.40	9770.40	9441.70	9441.70	9441.70	9216.30	9216.30	9216.30	8887.50	8887.50	8887.50
	(ii)		PCC M20 Grade													
	Case I	MF	using batching plant & Concrete pump	Cum	10112.10	10112.10	10112.10	9913.50	9913.50	9913.50	9516.40	9516.40	9516.40	9317.80	9317.80	9317.80
	Case II	MF	using batching plant & manual placing	Cum	10662.70	10662.70	10662.70	10334.00	10334.00	10334.00	10067.10	10067.10	10067.10	9738.30	9738.30	9738.30
	(iii)		PCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	10740.20	10740.20	10740.20	10541.60	10541.60	10541.60	10111.10	10111.10	10111.10	9912.50	9912.50	9912.50
	Case II	MF	using batching plant & manual placing	Cum	11290.80	11290.80	11290.80	10962.10	10962.10	10962.10	10661.70	10661.70	10661.70	10333.00	10333.00	10333.00
	(iv)		PCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	10801.40	10801.40	10801.40	10602.80	10602.80	10602.80	10169.00	10169.00	10169.00	9970.40	9970.40	9970.40
	Case II	MF	using batching plant & manual placing	Cum	11421.40	11421.40	11421.40	11092.70	11092.70	11092.70	10784.50	10784.50	10784.50	10455.80	10455.80	10455.80
	F		Well cap													
	(i)		RCC Grade M20													
	Case I	MF	using batching plant & Concrete pump	Cum	21648.00	21259.30	21163.60	21217.10	21027.20	20967.80	20405.10	20016.40	19920.70	19974.20	19784.30	19724.90
	Case II	MF	using batching plant & manual placing	Cum	11360.70	11206.50	11158.00	11018.90	10924.00	10894.80	10739.30	10585.10	10536.60	10397.40	10302.60	10273.40
	(ii)		RCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	11520.70	11326.40	11278.50	11305.20	11210.30	11180.60	10861.70	10667.30	10619.50	10646.20	10551.30	10521.60
	Case II	MF	using batching plant & manual placing	Cum	12057.40	11903.20	11854.80	11715.60	11620.70	11591.50	11398.40	11244.20	11195.80	11056.60	10961.70	10932.50
	(iii)		RCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	11581.70	11387.30	11339.50	11366.20	11271.30	11241.60	10919.20	10724.80	10677.00	10703.70	10608.80	10579.10
	Case II	MF	using batching plant & manual placing	Cum	12118.40	11964.20	11915.70	11776.50	11681.70	11652.50	11455.90	11301.70	11253.20	11114.00	11019.20	10990.00
	(iv)		RCC Grade M35													
	Case I	MF	using batching plant & Concrete pump	Cum	11784.30	11589.90	11542.10	11568.80	11473.90	11444.20	11110.70	10916.40	10868.50	10895.30	10800.30	10770.60
	Case II	MF	using batching plant & manual placing	Cum	12321.00	12166.80	12118.30	11979.10	11884.30	11855.10	11647.40	11493.20	11444.80	11305.60	11210.70	11181.50
	(v)		RCC Grade M40													
	Case I	MF	using batching plant & Concrete pump	Cum	11962.20	11767.90	11720.00	11746.80	11651.90	11622.10	11278.20	11083.80	11036.00	11062.70	10967.80	10938.10
	Case II	MF	using batching plant & manual placing	Cum	12498.90	12344.70	12296.30	12157.10	12062.20	12033.00	11814.90	11660.70	11612.20	11473.00	11378.20	11349.00
	(vi)		RCC Grade M45													
	Case I	MF	using batching plant & Concrete pump	Cum	12003.40	11809.10	11761.20	11788.00	11693.10	11663.30	11316.70	11122.30	11074.50	11101.20	11006.30	10976.60
	Case II	MF	using batching plant & manual placing	Cum	12540.10	12385.90	12337.50	12198.30	12103.40	12074.20	11853.40	11699.20	11650.70	11511.50	11416.70	11387.50
B 12.12			Sinking of 6 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below Bed Level upto 3.0 meters	Metre	8494.60	8494.60	8494.60	7326.60	7326.60	7326.60	8494.60	8494.60	8494.60	7326.60	7326.60	7326.60
	(ii)		Beyond 3m upto 10m depth	Metre	11716.60	11716.60	11716.60	10256.10	10256.10	10256.10	11716.60	11716.60	11716.60	10256.10	10256.10	10256.10
	(iii)		Beyond 10m upto 20m Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter													

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	Case II	MF	using batching plant & manual placing	Cum	9770.40	9770.40	9770.40	9441.70	9441.70	9441.70	11599.60	11599.60	11599.60	11270.90	11270.90	11270.90
	(ii)		PCC M20 Grade													
	Case I	MF	using batching plant & Concrete pump	Cum	10112.10	10112.10	10112.10	9913.50	9913.50	9913.50	11943.40	11943.40	11943.40	11744.80	11744.80	11744.80
	Case II	MF	using batching plant & manual placing	Cum	10662.70	10662.70	10662.70	10334.00	10334.00	10334.00	12494.00	12494.00	12494.00	12165.30	12165.30	12165.30
	(iii)		PCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	10740.20	10740.20	10740.20	10541.60	10541.60	10541.60	12682.30	12682.30	12682.30	12483.70	12483.70	12483.70
	Case II	MF	using batching plant & manual placing	Cum	11290.80	11290.80	11290.80	10962.10	10962.10	10962.10	13233.00	13233.00	13233.00	12904.30	12904.30	12904.30
	(iv)		PCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	10801.40	10801.40	10801.40	10602.80	10602.80	10602.80	12754.40	12754.40	12754.40	12555.80	12555.80	12555.80
	Case II	MF	using batching plant & manual placing	Cum	11421.40	11421.40	11421.40	11092.70	11092.70	11092.70	13378.90	13378.90	13378.90	13050.20	13050.20	13050.20
	F		Well cap													
	(i)		RCC Grade M20													
	Case I	MF	using batching plant & Concrete pump	Cum	21648.00	21259.30	21163.60	21217.10	21027.20	20967.80	24906.80	24518.00	24422.40	24475.80	24286.00	24226.60
	Case II	MF	using batching plant & manual placing	Cum	11360.70	11206.50	11158.00	11018.90	10924.00	10894.80	12990.10	12835.90	12787.40	12648.30	12553.40	12524.20
	(ii)		RCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	11520.70	11326.40	11278.50	11305.20	11210.30	11180.60	13268.80	13074.40	13026.60	13053.30	12958.40	12928.70
	Case II	MF	using batching plant & manual placing	Cum	12057.40	11903.20	11854.80	11715.60	11620.70	11591.50	13805.50	13651.30	13602.80	13463.70	13368.80	13339.60
	(iii)		RCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	11581.70	11387.30	11339.50	11366.20	11271.30	11241.60	13338.30	13143.90	13096.10	13122.80	13027.90	12998.20
	Case II	MF	using batching plant & manual placing	Cum	12118.40	11964.20	11915.70	11776.50	11681.70	11652.50	13875.00	13720.80	13672.30	13533.20	13438.30	13409.10
	(iv)		RCC Grade M35													
	Case I	MF	using batching plant & Concrete pump	Cum	11784.30	11589.90	11542.10	11568.80	11473.90	11444.20	13574.20	13379.80	13332.00	13358.70	13263.80	13234.10
	Case II	MF	using batching plant & manual placing	Cum	12321.00	12166.80	12118.30	11979.10	11884.30	11855.10	14110.90	13956.70	13908.20	13769.00	13674.20	13645.00
	(v)		RCC Grade M40													
	Case I	MF	using batching plant & Concrete pump	Cum	11962.20	11767.90	11720.00	11746.80	11651.90	11622.10	13774.20	13579.90	13532.00	13558.70	13463.80	13434.10
	Case II	MF	using batching plant & manual placing	Cum	12498.90	12344.70	12296.30	12157.10	12062.20	12033.00	14310.90	14156.70	14108.30	13969.10	13874.20	13845.00
	(vi)		RCC Grade M45													
	Case I	MF	using batching plant & Concrete pump	Cum	12003.40	11809.10	11761.20	11788.00	11693.10	11663.30	13818.10	13623.70	13575.90	13602.60	13507.70	13478.00
	Case II	MF	using batching plant & manual placing	Cum	12540.10	12385.90	12337.50	12198.30	12103.40	12074.20	14354.80	14200.60	14152.20	14013.00	13918.10	13888.90
B 12.12			Sinking of 6 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below Bed Level upto 3.0 meters	Metre	8494.60	8494.60	8494.60	7326.60	7326.60	7326.60	8494.60	8494.60	8494.60	7326.60	7326.60	7326.60
	(ii)		Beyond 3m upto 10m depth	Metre	11716.60	11716.60	11716.60	10256.10	10256.10	10256.10	11716.60	11716.60	11716.60	10256.10	10256.10	10256.10
	(iii)		Beyond 10m upto 20m Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter													

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	Case II	MF	using batching plant & manual placing	Cum	12832.30	12832.30	12832.30	12503.60	12503.60	12503.60	12547.80	12547.80	12547.80	12219.10	12219.10	12219.10
	(ii)		PCC M20 Grade													
	Case I	MF	using batching plant & Concrete pump	Cum	13283.90	13283.90	13283.90	13085.30	13085.30	13085.30	12974.60	12974.60	12974.60	12776.00	12776.00	12776.00
	Case II	MF	using batching plant & manual placing	Cum	13834.50	13834.50	13834.50	13505.80	13505.80	13505.80	13525.20	13525.20	13525.20	13196.50	13196.50	13196.50
	(iii)		PCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	14109.70	14109.70	14109.70	13911.10	13911.10	13911.10	13780.30	13780.30	13780.30	13581.70	13581.70	13581.70
	Case II	MF	using batching plant & manual placing	Cum	14660.30	14660.30	14660.30	14331.60	14331.60	14331.60	14330.90	14330.90	14330.90	14002.20	14002.20	14002.20
	(iv)		PCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	14190.20	14190.20	14190.20	13991.60	13991.60	13991.60	13858.80	13858.80	13858.80	13660.20	13660.20	13660.20
	Case II	MF	using batching plant & manual placing	Cum	14823.20	14823.20	14823.20	14494.50	14494.50	14494.50	14489.90	14489.90	14489.90	14161.20	14161.20	14161.20
	F		Well cap													
	(i)		RCC Grade M20													
	Case I	MF	using batching plant & Concrete pump	Cum	27705.30	27316.60	27220.90	27274.40	27084.60	27025.10	27059.50	26670.80	26575.10	26628.60	26438.70	26379.30
	Case II	MF	using batching plant & manual placing	Cum	14389.40	14235.20	14186.70	14047.50	13952.70	13923.50	14066.50	13912.30	13863.80	13724.60	13629.80	13600.60
	(ii)		RCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	14763.80	14569.40	14521.60	14548.30	14453.40	14423.60	14418.80	14224.40	14176.60	14203.30	14108.40	14078.70
	Case II	MF	using batching plant & manual placing	Cum	15300.50	15146.30	15097.80	14958.60	14863.80	14834.60	14955.50	14801.30	14752.80	14613.60	14518.80	14489.60
	(iii)		RCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	14841.40	14647.00	14599.20	14625.90	14531.00	14501.20	14494.50	14300.10	14252.30	14279.00	14184.10	14154.40
	Case II	MF	using batching plant & manual placing	Cum	15378.10	15223.90	15175.40	15036.20	14941.40	14912.20	15031.20	14877.00	14828.50	14689.40	14594.50	14565.30
	(iv)		RCC Grade M35													
	Case I	MF	using batching plant & Concrete pump	Cum	15104.90	14910.50	14862.70	14889.40	14794.50	14764.80	14751.60	14557.30	14509.40	14536.20	14441.30	14411.50
	Case II	MF	using batching plant & manual placing	Cum	15641.60	15487.40	15438.90	15299.70	15204.90	15175.70	15288.40	15134.20	15085.70	14946.50	14851.60	14822.40
	(v)		RCC Grade M40													
	Case I	MF	using batching plant & Concrete pump	Cum	15328.10	15133.70	15085.90	15112.60	15017.70	14988.00	14969.50	14775.20	14727.30	14754.10	14659.10	14629.40
	Case II	MF	using batching plant & manual placing	Cum	15864.80	15710.60	15662.20	15523.00	15428.10	15398.90	15506.20	15352.00	15303.60	15164.40	15069.50	15040.30
	(vi)		RCC Grade M45													
	Case I	MF	using batching plant & Concrete pump	Cum	15377.00	15182.60	15134.80	15161.50	15066.60	15036.90	15017.30	14822.90	14775.10	14801.80	14706.90	14677.20
	Case II	MF	using batching plant & manual placing	Cum	15913.70	15759.50	15711.10	15571.90	15477.00	15447.80	15554.00	15399.80	15351.30	15212.10	15117.30	15088.10
B 12.12			Sinking of 6 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below Bed Level upto 3.0 meters	Metre	8494.60	8494.60	8494.60	7326.60	7326.60	7326.60	8494.60	8494.60	8494.60	7326.60	7326.60	7326.60
	(ii)		Beyond 3m upto 10m depth	Metre	11716.60	11716.60	11716.60	10256.10	10256.10	10256.10	11716.60	11716.60	11716.60	10256.10	10256.10	10256.10
	(iii)		Beyond 10m upto 20m Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter													

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	Case II	MF	using batching plant & manual placing	Cum	10560.20	10560.20	10560.20	10231.50	10231.50	10231.50	13303.90	13303.90	13303.90	12975.20	12975.20	12975.20
	(ii)		PCC M20 Grade													
	Case I	MF	using batching plant & Concrete pump	Cum	10813.00	10813.00	10813.00	10614.40	10614.40	10614.40	13796.90	13796.90	13796.90	13598.30	13598.30	13598.30
	Case II	MF	using batching plant & manual placing	Cum	11363.60	11363.60	11363.60	11034.90	11034.90	11034.90	14347.50	14347.50	14347.50	14018.80	14018.80	14018.80
	(iii)		PCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	11478.60	11478.60	11478.60	11280.00	11280.00	11280.00	14656.00	14656.00	14656.00	14457.40	14457.40	14457.40
	Case II	MF	using batching plant & manual placing	Cum	12029.20	12029.20	12029.20	11700.50	11700.50	11700.50	15206.60	15206.60	15206.60	14877.90	14877.90	14877.90
	(iv)		PCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	11543.40	11543.40	11543.40	11344.90	11344.90	11344.90	14739.70	14739.70	14739.70	14541.10	14541.10	14541.10
	Case II	MF	using batching plant & manual placing	Cum	12164.80	12164.80	12164.80	11836.10	11836.10	11836.10	15373.40	15373.40	15373.40	15044.70	15044.70	15044.70
	F		Well cap													
	(i)		RCC Grade M20													
	Case I	MF	using batching plant & Concrete pump	Cum	22546.90	22158.10	22062.40	22115.90	21926.10	21866.60	28776.30	28387.60	28291.90	28345.40	28155.60	28096.10
	Case II	MF	using batching plant & manual placing	Cum	11810.10	11655.90	11607.50	11468.30	11373.40	11344.20	14924.90	14770.70	14722.20	14583.00	14488.20	14459.00
	(ii)		RCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	12010.20	11815.80	11768.00	11794.70	11699.80	11670.10	15334.50	15140.20	15092.30	15119.10	15024.10	14994.40
	Case II	MF	using batching plant & manual placing	Cum	12546.90	12392.70	12344.20	12205.00	12110.20	12081.00	15871.20	15717.00	15668.60	15529.40	15434.50	15405.30
	(iii)		RCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	12073.90	11879.60	11831.70	11858.50	11763.60	11733.80	15414.50	15220.10	15172.30	15199.00	15104.10	15074.40
	Case II	MF	using batching plant & manual placing	Cum	12610.70	12456.50	12408.00	12268.80	12173.90	12144.70	15951.20	15797.00	15748.50	15609.30	15514.50	15485.30
	(iv)		RCC Grade M35													
	Case I	MF	using batching plant & Concrete pump	Cum	12287.70	12093.40	12045.50	12072.30	11977.30	11947.60	15687.80	15493.40	15445.60	15472.30	15377.40	15347.70
	Case II	MF	using batching plant & manual placing	Cum	12824.40	12670.20	12621.80	12482.60	12387.70	12358.50	16224.50	16070.30	16021.80	15882.60	15787.80	15758.60
	(v)		RCC Grade M40													
	Case I	MF	using batching plant & Concrete pump	Cum	12472.90	12278.50	12230.70	12257.40	12162.50	12132.70	15916.80	15722.40	15674.60	15701.30	15606.40	15576.70
	Case II	MF	using batching plant & manual placing	Cum	13009.60	12855.40	12806.90	12667.70	12572.90	12543.70	16453.50	16299.30	16250.80	16111.60	16016.80	15987.60
	(vi)		RCC Grade M45													
	Case I	MF	using batching plant & Concrete pump	Cum	12514.80	12320.50	12272.60	12299.40	12204.50	12174.70	15966.10	15771.70	15723.90	15750.60	15655.70	15626.00
	Case II	MF	using batching plant & manual placing	Cum	13051.50	12897.30	12848.90	12709.70	12614.80	12585.60	16502.80	16348.60	16300.10	16160.90	16066.10	16036.90
B 12.12			Sinking of 6 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below Bed Level upto 3.0 meters	Metre	8494.60	8494.60	8494.60	7326.60	7326.60	7326.60	8494.60	8494.60	8494.60	7326.60	7326.60	7326.60
	(ii)		Beyond 3m upto 10m depth	Metre	11716.60	11716.60	11716.60	10256.10	10256.10	10256.10	11716.60	11716.60	11716.60	10256.10	10256.10	10256.10
	(iii)		Beyond 10m upto 20m Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter													

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	Case II	MF	using batching plant & manual placing	Cum	11126.10	11126.10	11126.10	10797.40	10797.40	10797.40	11602.70	11602.70	11602.70	11273.90	11273.90	11273.90
	(ii)		PCC M20 Grade													
	Case I	MF	using batching plant & Concrete pump	Cum	11428.50	11428.50	11428.50	11229.90	11229.90	11229.90	11946.60	11946.60	11946.60	11748.00	11748.00	11748.00
	Case II	MF	using batching plant & manual placing	Cum	11979.10	11979.10	11979.10	11650.40	11650.40	11650.40	12497.30	12497.30	12497.30	12168.60	12168.60	12168.60
	(iii)		PCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	12134.00	12134.00	12134.00	11935.40	11935.40	11935.40	12685.70	12685.70	12685.70	12487.10	12487.10	12487.10
	Case II	MF	using batching plant & manual placing	Cum	12684.60	12684.60	12684.60	12355.90	12355.90	12355.90	13236.30	13236.30	13236.30	12907.60	12907.60	12907.60
	(iv)		PCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	12202.80	12202.80	12202.80	12004.20	12004.20	12004.20	12757.70	12757.70	12757.70	12559.10	12559.10	12559.10
	Case II	MF	using batching plant & manual placing	Cum	12824.80	12824.80	12824.80	12496.10	12496.10	12496.10	13385.50	13385.50	13385.50	13056.80	13056.80	13056.80
	F		Well cap													
	(i)		RCC Grade M20													
	Case I	MF	using batching plant & Concrete pump	Cum	23831.80	23443.00	23347.40	23400.80	23211.00	23151.50	24913.50	24524.80	24429.10	24482.60	24292.70	24233.30
	Case II	MF	using batching plant & manual placing	Cum	12452.60	12298.40	12249.90	12110.70	12015.90	11986.70	12993.50	12839.30	12790.80	12651.60	12556.80	12527.60
	(ii)		RCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	12694.90	12500.50	12452.70	12479.40	12384.50	12354.80	13274.10	13079.70	13031.90	13058.60	12963.70	12934.00
	Case II	MF	using batching plant & manual placing	Cum	13231.60	13077.40	13028.90	12889.70	12794.90	12765.70	13810.80	13656.60	13608.10	13468.90	13374.10	13344.90
	(iii)		RCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	12761.40	12567.10	12519.20	12546.00	12451.10	12421.30	13344.50	13150.10	13102.30	13129.00	13034.10	13004.40
	Case II	MF	using batching plant & manual placing	Cum	13298.20	13144.00	13095.50	12956.30	12861.40	12832.20	13881.20	13727.00	13678.60	13539.40	13444.50	13415.30
	(iv)		RCC Grade M35													
	Case I	MF	using batching plant & Concrete pump	Cum	12986.90	12792.50	12744.70	12771.40	12676.50	12646.80	13581.50	13387.10	13339.30	13366.00	13271.10	13241.40
	Case II	MF	using batching plant & manual placing	Cum	13523.60	13369.40	13321.00	13181.80	13086.90	13057.70	14118.20	13964.00	13915.50	13776.30	13681.50	13652.30
	(v)		RCC Grade M40													
	Case I	MF	using batching plant & Concrete pump	Cum	13178.80	12984.40	12936.60	12963.30	12868.40	12838.70	13785.50	13591.10	13543.20	13570.00	13475.10	13445.30
	Case II	MF	using batching plant & manual placing	Cum	13715.50	13561.30	13512.90	13373.70	13278.80	13249.60	14322.20	14168.00	14119.50	13980.30	13885.50	13856.20
	(vi)		RCC Grade M45													
	Case I	MF	using batching plant & Concrete pump	Cum	13221.20	13026.80	12979.00	13005.70	12910.80	12881.10	13831.30	13636.90	13589.10	13615.80	13520.90	13491.20
	Case II	MF	using batching plant & manual placing	Cum	13757.90	13603.70	13555.20	13416.00	13321.20	13292.00	14368.00	14213.80	14165.30	14026.10	13931.30	13902.10
B 12.12			Sinking of 6 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below Bed Level upto 3.0 meters	Metre	8494.60	8494.60	8494.60	7326.60	7326.60	7326.60	8494.60	8494.60	8494.60	7326.60	7326.60	7326.60
	(ii)		Beyond 3m upto 10m depth	Metre	11716.60	11716.60	11716.60	10256.10	10256.10	10256.10	11716.60	11716.60	11716.60	10256.10	10256.10	10256.10
	(iii)		Beyond 10m upto 20m Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter													

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	Case II	MF	using batching plant & manual placing	Cum	15853.60	15853.60	15853.60	15524.90	15524.90	15524.90	14436.80	14436.80	14436.80	14108.10	14108.10	14108.10
	(ii)		PCC M20 Grade													
	Case I	MF	using batching plant & Concrete pump	Cum	16570.10	16570.10	16570.10	16371.50	16371.50	16371.50	15029.20	15029.20	15029.20	14830.60	14830.60	14830.60
	Case II	MF	using batching plant & manual placing	Cum	17120.70	17120.70	17120.70	16792.00	16792.00	16792.00	15579.80	15579.80	15579.80	15251.10	15251.10	15251.10
	(iii)		PCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	17609.20	17609.20	17609.20	17410.60	17410.60	17410.60	15968.20	15968.20	15968.20	15769.60	15769.60	15769.60
	Case II	MF	using batching plant & manual placing	Cum	18159.80	18159.80	18159.80	17831.10	17831.10	17831.10	16518.90	16518.90	16518.90	16190.10	16190.10	16190.10
	(iv)		PCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	17710.40	17710.40	17710.40	17511.80	17511.80	17511.80	16059.80	16059.80	16059.80	15861.20	15861.20	15861.20
	Case II	MF	using batching plant & manual placing	Cum	18350.60	18350.60	18350.60	18021.90	18021.90	18021.90	16696.00	16696.00	16696.00	16367.30	16367.30	16367.30
	F		Well cap													
	(i)		RCC Grade M20													
	Case I	MF	using batching plant & Concrete pump	Cum	34565.80	34177.10	34081.40	34134.90	33945.10	33885.60	31348.80	30960.10	30864.40	30917.90	30728.10	30668.60
	Case II	MF	using batching plant & manual placing	Cum	17819.60	17665.40	17617.00	17477.80	17382.90	17353.70	16211.10	16056.90	16008.50	15869.30	15774.40	15745.20
	(ii)		RCC Grade M25													
	Case I	MF	using batching plant & Concrete pump	Cum	18421.50	18227.10	18179.30	18206.00	18111.10	18081.40	16706.00	16511.70	16463.80	16490.60	16395.70	16365.90
	Case II	MF	using batching plant & manual placing	Cum	18958.20	18804.00	18755.50	18616.40	18521.50	18492.30	17242.80	17088.60	17040.10	16900.90	16806.00	16776.80
	(iii)		RCC Grade M30													
	Case I	MF	using batching plant & Concrete pump	Cum	18515.10	18320.70	18272.90	18299.60	18204.70	18175.00	16792.00	16597.60	16549.80	16576.50	16481.60	16451.90
	Case II	MF	using batching plant & manual placing	Cum	19051.80	18897.60	18849.10	18710.00	18615.10	18585.90	17328.70	17174.50	17126.00	16986.80	16892.00	16862.80
	(iv)		RCC Grade M35													
	Case I	MF	using batching plant & Concrete pump	Cum	18842.10	18647.80	18599.90	18626.70	18531.80	18502.00	17089.10	16894.70	16846.90	16873.60	16778.70	16749.00
	Case II	MF	using batching plant & manual placing	Cum	19378.80	19224.60	19176.20	19037.00	18942.10	18912.90	17625.80	17471.60	17423.10	17283.90	17189.10	17159.90
	(v)		RCC Grade M40													
	Case I	MF	using batching plant & Concrete pump	Cum	19105.90	18911.60	18863.70	18890.50	18795.50	18765.80	17333.20	17138.80	17091.00	17117.70	17022.80	16993.10
	Case II	MF	using batching plant & manual placing	Cum	19642.60	19488.40	19440.00	19300.80	19205.90	19176.70	17869.90	17715.70	17667.20	17528.00	17433.20	17404.00
	(vi)		RCC Grade M45													
	Case I	MF	using batching plant & Concrete pump	Cum	19159.10	18964.70	18916.90	18943.60	18848.70	18819.00	17384.00	17189.60	17141.80	17168.50	17073.60	17043.90
	Case II	MF	using batching plant & manual placing	Cum	19695.80	19541.60	19493.10	19353.90	19259.10	19229.90	17920.70	17766.50	17718.10	17578.90	17484.00	17454.80
B 12.12			Sinking of 6 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below Bed Level upto 3.0 meters	Metre	8494.60	8494.60	8494.60	7326.60	7326.60	7326.60	8494.60	8494.60	8494.60	7326.60	7326.60	7326.60
	(ii)		Beyond 3m upto 10m depth	Metre	11716.60	11716.60	11716.60	10256.10	10256.10	10256.10	11716.60	11716.60	11716.60	10256.10	10256.10	10256.10
	(iii)		Beyond 10m upto 20m Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter													

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (6m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	11666.80	11666.80	11666.80	10293.50	10293.50	10293.50	11666.80	11666.80	11666.80	10293.50	10293.50	10293.50
	(ii)		Beyond 3m upto 10m depth	Metre	23649.20	23649.20	23649.20	20978.40	20978.40	20978.40	23649.20	23649.20	23649.20	20978.40	20978.40	20978.40
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.12 (A) or (B) irrespective of depth for sinking in Soft Rock (6m dia well)	Metre	3420.00	3420.00	3420.00	3020.90	3020.90	3020.90	3420.00	3420.00	3420.00	3020.90	3020.90	3020.90
	D		Extra over item no. 12.12 (A) or (B) irrespective of depth for sinking in Hard Rock (6m dia well)	Metre	52878.90	52878.90	52878.90	48504.40	48504.40	48504.40	51658.80	51658.80	51658.80	47284.30	47284.30	47284.30
	E		Extra over item no. 12.12 (A) or (B) irrespective of depth for sinking in rock bouldery strata (6m dia well)	Metre	39766.60	39766.60	39766.60	36368.00	36368.00	36368.00	39766.60	39766.60	39766.60	36368.00	36368.00	36368.00

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (6m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	11666.80	11666.80	11666.80	10293.50	10293.50	10293.50	11666.80	11666.80	11666.80	10293.50	10293.50	10293.50
	(ii)		Beyond 3m upto 10m depth	Metre	23649.20	23649.20	23649.20	20978.40	20978.40	20978.40	23649.20	23649.20	23649.20	20978.40	20978.40	20978.40
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.12 (A) or (B) irrespective of depth for sinking in Soft Rock (6m dia well)	Metre	3420.00	3420.00	3420.00	3020.90	3020.90	3020.90	3420.00	3420.00	3420.00	3020.90	3020.90	3020.90
	D		Extra over item no. 12.12 (A) or (B) irrespective of depth for sinking in Hard Rock (6m dia well)	Metre	52878.90	52878.90	52878.90	48504.40	48504.40	48504.40	54098.90	54098.90	54098.90	49724.50	49724.50	49724.50
	E		Extra over item no. 12.12 (A) or (B) irrespective of depth for sinking in rock bouldery strata (6m dia well)	Metre	39766.60	39766.60	39766.60	36368.00	36368.00	36368.00	39766.60	39766.60	39766.60	36368.00	36368.00	36368.00

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (6m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	11666.80	11666.80	11666.80	10293.50	10293.50	10293.50	11666.80	11666.80	11666.80	10293.50	10293.50	10293.50
	(ii)		Beyond 3m upto 10m depth	Metre	23649.20	23649.20	23649.20	20978.40	20978.40	20978.40	23649.20	23649.20	23649.20	20978.40	20978.40	20978.40
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.12 (A) or (B) irrespective of depth for sinking in Soft Rock (6m dia well)	Metre	3420.00	3420.00	3420.00	3020.90	3020.90	3020.90	3420.00	3420.00	3420.00	3020.90	3020.90	3020.90
	D		Extra over item no. 12.12 (A) or (B) irrespective of depth for sinking in Hard Rock (6m dia well)	Metre	56364.80	56364.80	56364.80	51990.30	51990.30	51990.30	55841.90	55841.90	55841.90	51467.50	51467.50	51467.50
	E		Extra over item no. 12.12 (A) or (B) irrespective of depth for sinking in rock bouldery strata (6m dia well)	Metre	39766.60	39766.60	39766.60	36368.00	36368.00	36368.00	39766.60	39766.60	39766.60	36368.00	36368.00	36368.00

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (6m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	11666.80	11666.80	11666.80	10293.50	10293.50	10293.50	11666.80	11666.80	11666.80	10293.50	10293.50	10293.50
	(ii)		Beyond 3m upto 10m depth	Metre	23649.20	23649.20	23649.20	20978.40	20978.40	20978.40	23649.20	23649.20	23649.20	20978.40	20978.40	20978.40
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.12 (A) or (B) irrespective of depth for sinking in Soft Rock (6m dia well)	Metre	3420.00	3420.00	3420.00	3020.90	3020.90	3020.90	3420.00	3420.00	3420.00	3020.90	3020.90	3020.90
	D		Extra over item no. 12.12 (A) or (B) irrespective of depth for sinking in Hard Rock (6m dia well)	Metre	53227.50	53227.50	53227.50	48853.00	48853.00	48853.00	56539.10	56539.10	56539.10	52164.60	52164.60	52164.60
	E		Extra over item no. 12.12 (A) or (B) irrespective of depth for sinking in rock bouldery strata (6m dia well)	Metre	39766.60	39766.60	39766.60	36368.00	36368.00	36368.00	39766.60	39766.60	39766.60	36368.00	36368.00	36368.00

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (6m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	11666.80	11666.80	11666.80	10293.50	10293.50	10293.50	11666.80	11666.80	11666.80	10293.50	10293.50	10293.50
	(ii)		Beyond 3m upto 10m depth	Metre	23649.20	23649.20	23649.20	20978.40	20978.40	20978.40	23649.20	23649.20	23649.20	20978.40	20978.40	20978.40
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.12 (A) or (B) irrespective of depth for sinking in Soft Rock (6m dia well)	Metre	3420.00	3420.00	3420.00	3020.90	3020.90	3020.90	3420.00	3420.00	3420.00	3020.90	3020.90	3020.90
	D		Extra over item no. 12.12 (A) or (B) irrespective of depth for sinking in Hard Rock (6m dia well)	Metre	53401.80	53401.80	53401.80	49027.30	49027.30	49027.30	54970.40	54970.40	54970.40	50596.00	50596.00	50596.00
	E		Extra over item no. 12.12 (A) or (B) irrespective of depth for sinking in rock bouldery strata (6m dia well)	Metre	39766.60	39766.60	39766.60	36368.00	36368.00	36368.00	39766.60	39766.60	39766.60	36368.00	36368.00	36368.00

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (6m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	11666.80	11666.80	11666.80	10293.50	10293.50	10293.50	11666.80	11666.80	11666.80	10293.50	10293.50	10293.50
	(ii)		Beyond 3m upto 10m depth	Metre	23649.20	23649.20	23649.20	20978.40	20978.40	20978.40	23649.20	23649.20	23649.20	20978.40	20978.40	20978.40
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.12 (A) or (B) irrespective of depth for sinking in Soft Rock (6m dia well)	Metre	3420.00	3420.00	3420.00	3020.90	3020.90	3020.90	3420.00	3420.00	3420.00	3020.90	3020.90	3020.90
	D		Extra over item no. 12.12 (A) or (B) irrespective of depth for sinking in Hard Rock (6m dia well)	Metre	58282.10	58282.10	58282.10	53907.60	53907.60	53907.60	57236.30	57236.30	57236.30	52861.80	52861.80	52861.80
	E		Extra over item no. 12.12 (A) or (B) irrespective of depth for sinking in rock bouldery strata (6m dia well)	Metre	39766.60	39766.60	39766.60	36368.00	36368.00	36368.00	39766.60	39766.60	39766.60	36368.00	36368.00	36368.00

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.13			Sinking of 7 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	12016.60	12016.60	12016.60	10805.00	10805.00	10805.00	12016.60	12016.60	12016.60	10805.00	10805.00	10805.00
	(ii)		Beyond 3m upto 10m depth	Metre	15740.50	15740.50	15740.50	14283.50	14283.50	14283.50	15740.50	15740.50	15740.50	14283.50	14283.50	14283.50
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (7m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	15736.00	15736.00	15736.00	14283.50	14283.50	14283.50	15736.00	15736.00	15736.00	14283.50	14283.50	14283.50
	(ii)		Beyond 3m upto 10m depth	Metre	21982.70	21982.70	21982.70	20045.70	20045.70	20045.70	21982.70	21982.70	21982.70	20045.70	20045.70	20045.70
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.13			Sinking of 7 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	12016.60	12016.60	12016.60	10805.00	10805.00	10805.00	12016.60	12016.60	12016.60	10805.00	10805.00	10805.00
	(ii)		Beyond 3m upto 10m depth	Metre	15740.50	15740.50	15740.50	14283.50	14283.50	14283.50	15740.50	15740.50	15740.50	14283.50	14283.50	14283.50
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (7m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	15736.00	15736.00	15736.00	14283.50	14283.50	14283.50	15736.00	15736.00	15736.00	14283.50	14283.50	14283.50
	(ii)		Beyond 3m upto 10m depth	Metre	21982.70	21982.70	21982.70	20045.70	20045.70	20045.70	21982.70	21982.70	21982.70	20045.70	20045.70	20045.70
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.13			Sinking of 7 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	12016.60	12016.60	12016.60	10805.00	10805.00	10805.00	12016.60	12016.60	12016.60	10805.00	10805.00	10805.00
	(ii)		Beyond 3m upto 10m depth	Metre	15740.50	15740.50	15740.50	14283.50	14283.50	14283.50	15740.50	15740.50	15740.50	14283.50	14283.50	14283.50
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (7m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	15736.00	15736.00	15736.00	14283.50	14283.50	14283.50	15736.00	15736.00	15736.00	14283.50	14283.50	14283.50
	(ii)		Beyond 3m upto 10m depth	Metre	21982.70	21982.70	21982.70	20045.70	20045.70	20045.70	21982.70	21982.70	21982.70	20045.70	20045.70	20045.70
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.13			Sinking of 7 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	12016.60	12016.60	12016.60	10805.00	10805.00	10805.00	12016.60	12016.60	12016.60	10805.00	10805.00	10805.00
	(ii)		Beyond 3m upto 10m depth	Metre	15740.50	15740.50	15740.50	14283.50	14283.50	14283.50	15740.50	15740.50	15740.50	14283.50	14283.50	14283.50
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (7m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	15736.00	15736.00	15736.00	14283.50	14283.50	14283.50	15736.00	15736.00	15736.00	14283.50	14283.50	14283.50
	(ii)		Beyond 3m upto 10m depth	Metre	21982.70	21982.70	21982.70	20045.70	20045.70	20045.70	21982.70	21982.70	21982.70	20045.70	20045.70	20045.70
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.13			Sinking of 7 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	12016.60	12016.60	12016.60	10805.00	10805.00	10805.00	12016.60	12016.60	12016.60	10805.00	10805.00	10805.00
	(ii)		Beyond 3m upto 10m depth	Metre	15740.50	15740.50	15740.50	14283.50	14283.50	14283.50	15740.50	15740.50	15740.50	14283.50	14283.50	14283.50
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (7m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	15736.00	15736.00	15736.00	14283.50	14283.50	14283.50	15736.00	15736.00	15736.00	14283.50	14283.50	14283.50
	(ii)		Beyond 3m upto 10m depth	Metre	21982.70	21982.70	21982.70	20045.70	20045.70	20045.70	21982.70	21982.70	21982.70	20045.70	20045.70	20045.70
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.13			Sinking of 7 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	12016.60	12016.60	12016.60	10805.00	10805.00	10805.00	12016.60	12016.60	12016.60	10805.00	10805.00	10805.00
	(ii)		Beyond 3m upto 10m depth	Metre	15740.50	15740.50	15740.50	14283.50	14283.50	14283.50	15740.50	15740.50	15740.50	14283.50	14283.50	14283.50
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (7m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	15736.00	15736.00	15736.00	14283.50	14283.50	14283.50	15736.00	15736.00	15736.00	14283.50	14283.50	14283.50
	(ii)		Beyond 3m upto 10m depth	Metre	21982.70	21982.70	21982.70	20045.70	20045.70	20045.70	21982.70	21982.70	21982.70	20045.70	20045.70	20045.70
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
		(v)	Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.13 (A) or (B) irrespective of depth for sinking in Soft Rock (7m dia well)	Metre	37985.40	37985.40	37985.40	36488.10	36488.10	36488.10	37985.40	37985.40	37985.40	36488.10	36488.10	36488.10
	D		Extra over item no. 12.13 (A) or (B) irrespective of depth for sinking in Hard Rock (7m dia well)	Metre	67511.70	67511.70	67511.70	62728.80	62728.80	62728.80	65610.70	65610.70	65610.70	60827.90	60827.90	60827.90
	E		Extra over item no. 12.13 (A) or (B) irrespective of depth for sinking in rock bouldery strata (7m dia well)	Metre	48968.30	48968.30	48968.30	44978.10	44978.10	44978.10	48968.30	48968.30	48968.30	44978.10	44978.10	44978.10
B 12.14			Sinking of 8 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	14638.10	14638.10	14638.10	13185.60	13185.60	13185.60	14638.10	14638.10	14638.10	13185.60	13185.60	13185.60
	(ii)		Beyond 3m upto 10m depth	Metre	17810.40	17810.40	17810.40	16115.10	16115.10	16115.10	17810.40	17810.40	17810.40	16115.10	16115.10	16115.10
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (8m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	19266.80	19266.80	19266.80	17482.50	17482.50	17482.50	19266.80	19266.80	19266.80	17482.50	17482.50	17482.50
	(ii)		Beyond 3m upto 10m depth	Metre	23394.00	23394.00	23394.00	21126.00	21126.00	21126.00	23394.00	23394.00	23394.00	21126.00	21126.00	21126.00

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.13 (A) or (B) irrespective of depth for sinking in Soft Rock (7m dia well)	Metre	37985.40	37985.40	37985.40	36488.10	36488.10	36488.10	37985.40	37985.40	37985.40	36488.10	36488.10	36488.10
	D		Extra over item no. 12.13 (A) or (B) irrespective of depth for sinking in Hard Rock (7m dia well)	Metre	67511.70	67511.70	67511.70	62728.80	62728.80	62728.80	69412.60	69412.60	69412.60	64629.70	64629.70	64629.70
	E		Extra over item no. 12.13 (A) or (B) irrespective of depth for sinking in rock bouldery strata (7m dia well)	Metre	48968.30	48968.30	48968.30	44978.10	44978.10	44978.10	48968.30	48968.30	48968.30	44978.10	44978.10	44978.10
B 12.14			Sinking of 8 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	14638.10	14638.10	14638.10	13185.60	13185.60	13185.60	14638.10	14638.10	14638.10	13185.60	13185.60	13185.60
	(ii)		Beyond 3m upto 10m depth	Metre	17810.40	17810.40	17810.40	16115.10	16115.10	16115.10	17810.40	17810.40	17810.40	16115.10	16115.10	16115.10
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (8m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	19266.80	19266.80	19266.80	17482.50	17482.50	17482.50	19266.80	19266.80	19266.80	17482.50	17482.50	17482.50
	(ii)		Beyond 3m upto 10m depth	Metre	23394.00	23394.00	23394.00	21126.00	21126.00	21126.00	23394.00	23394.00	23394.00	21126.00	21126.00	21126.00

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.13 (A) or (B) irrespective of depth for sinking in Soft Rock (7m dia well)	Metre	37985.40	37985.40	37985.40	36488.10	36488.10	36488.10	37985.40	37985.40	37985.40	36488.10	36488.10	36488.10
	D		Extra over item no. 12.13 (A) or (B) irrespective of depth for sinking in Hard Rock (7m dia well)	Metre	72942.90	72942.90	72942.90	68160.00	68160.00	68160.00	72128.20	72128.20	72128.20	67345.30	67345.30	67345.30
	E		Extra over item no. 12.13 (A) or (B) irrespective of depth for sinking in rock bouldery strata (7m dia well)	Metre	48968.30	48968.30	48968.30	44978.10	44978.10	44978.10	48968.30	48968.30	48968.30	44978.10	44978.10	44978.10
B 12.14			Sinking of 8 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	14638.10	14638.10	14638.10	13185.60	13185.60	13185.60	14638.10	14638.10	14638.10	13185.60	13185.60	13185.60
	(ii)		Beyond 3m upto 10m depth	Metre	17810.40	17810.40	17810.40	16115.10	16115.10	16115.10	17810.40	17810.40	17810.40	16115.10	16115.10	16115.10
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (8m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	19266.80	19266.80	19266.80	17482.50	17482.50	17482.50	19266.80	19266.80	19266.80	17482.50	17482.50	17482.50
	(ii)		Beyond 3m upto 10m depth	Metre	23394.00	23394.00	23394.00	21126.00	21126.00	21126.00	23394.00	23394.00	23394.00	21126.00	21126.00	21126.00

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
		(v)	Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.13 (A) or (B) irrespective of depth for sinking in Soft Rock (7m dia well)	Metre	37985.40	37985.40	37985.40	36488.10	36488.10	36488.10	37985.40	37985.40	37985.40	36488.10	36488.10	36488.10
	D		Extra over item no. 12.13 (A) or (B) irrespective of depth for sinking in Hard Rock (7m dia well)	Metre	68054.80	68054.80	68054.80	63271.90	63271.90	63271.90	73214.40	73214.40	73214.40	68431.60	68431.60	68431.60
	E		Extra over item no. 12.13 (A) or (B) irrespective of depth for sinking in rock bouldery strata (7m dia well)	Metre	48968.30	48968.30	48968.30	44978.10	44978.10	44978.10	48968.30	48968.30	48968.30	44978.10	44978.10	44978.10
B 12.14			Sinking of 8 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	14638.10	14638.10	14638.10	13185.60	13185.60	13185.60	14638.10	14638.10	14638.10	13185.60	13185.60	13185.60
	(ii)		Beyond 3m upto 10m depth	Metre	17810.40	17810.40	17810.40	16115.10	16115.10	16115.10	17810.40	17810.40	17810.40	16115.10	16115.10	16115.10
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (8m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	19266.80	19266.80	19266.80	17482.50	17482.50	17482.50	19266.80	19266.80	19266.80	17482.50	17482.50	17482.50
	(ii)		Beyond 3m upto 10m depth	Metre	23394.00	23394.00	23394.00	21126.00	21126.00	21126.00	23394.00	23394.00	23394.00	21126.00	21126.00	21126.00

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(v)		<i>Add 5% of cost for dewatering, if required</i>													
			<i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.13 (A) or (B) irrespective of depth for sinking in Soft Rock (7m dia well)	Metre	37985.40	37985.40	37985.40	36488.10	36488.10	36488.10	37985.40	37985.40	37985.40	36488.10	36488.10	36488.10
	D		Extra over item no. 12.13 (A) or (B) irrespective of depth for sinking in Hard Rock (7m dia well)	Metre	68326.40	68326.40	68326.40	63543.50	63543.50	63543.50	70770.40	70770.40	70770.40	65987.50	65987.50	65987.50
	E		Extra over item no. 12.13 (A) or (B) irrespective of depth for sinking in rock bouldery strata (7m dia well)	Metre	48968.30	48968.30	48968.30	44978.10	44978.10	44978.10	48968.30	48968.30	48968.30	44978.10	44978.10	44978.10
B 12.14			Sinking of 8 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	14638.10	14638.10	14638.10	13185.60	13185.60	13185.60	14638.10	14638.10	14638.10	13185.60	13185.60	13185.60
	(ii)		Beyond 3m upto 10m depth	Metre	17810.40	17810.40	17810.40	16115.10	16115.10	16115.10	17810.40	17810.40	17810.40	16115.10	16115.10	16115.10
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (8m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	19266.80	19266.80	19266.80	17482.50	17482.50	17482.50	19266.80	19266.80	19266.80	17482.50	17482.50	17482.50
	(ii)		Beyond 3m upto 10m depth	Metre	23394.00	23394.00	23394.00	21126.00	21126.00	21126.00	23394.00	23394.00	23394.00	21126.00	21126.00	21126.00

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(v)		<i>Add 5% of cost for dewatering, if required</i>													
			<i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.13 (A) or (B) irrespective of depth for sinking in Soft Rock (7m dia well)	Metre	37985.40	37985.40	37985.40	36488.10	36488.10	36488.10	37985.40	37985.40	37985.40	36488.10	36488.10	36488.10
	D		Extra over item no. 12.13 (A) or (B) irrespective of depth for sinking in Hard Rock (7m dia well)	Metre	75930.00	75930.00	75930.00	71147.20	71147.20	71147.20	74300.70	74300.70	74300.70	69517.80	69517.80	69517.80
	E		Extra over item no. 12.13 (A) or (B) irrespective of depth for sinking in rock bouldery strata (7m dia well)	Metre	48968.30	48968.30	48968.30	44978.10	44978.10	44978.10	48968.30	48968.30	48968.30	44978.10	44978.10	44978.10
B 12.14			Sinking of 8 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	14638.10	14638.10	14638.10	13185.60	13185.60	13185.60	14638.10	14638.10	14638.10	13185.60	13185.60	13185.60
	(ii)		Beyond 3m upto 10m depth	Metre	17810.40	17810.40	17810.40	16115.10	16115.10	16115.10	17810.40	17810.40	17810.40	16115.10	16115.10	16115.10
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (8m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	19266.80	19266.80	19266.80	17482.50	17482.50	17482.50	19266.80	19266.80	19266.80	17482.50	17482.50	17482.50
	(ii)		Beyond 3m upto 10m depth	Metre	23394.00	23394.00	23394.00	21126.00	21126.00	21126.00	23394.00	23394.00	23394.00	21126.00	21126.00	21126.00

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.14 (A) or (B) irrespective of depth for sinking in Soft Rock (8m dia well)	Metre	48172.00	48172.00	48172.00	42999.60	42999.60	42999.60	48172.00	48172.00	48172.00	42999.60	42999.60	42999.60
	D		Extra over item no. 12.14 (A) or (B) irrespective of depth for sinking in Hard Rock (8m dia well)	Metre	98117.80	98117.80	98117.80	88770.80	88770.80	88770.80	96683.50	96683.50	96683.50	87336.60	87336.60	87336.60
	E		Extra over item no. 12.14 (A) or (B) irrespective of depth for sinking in rock bouldery strata (8m dia well)	Metre	59218.20	59218.20	59218.20	54637.30	54637.30	54637.30	59218.20	59218.20	59218.20	54637.30	54637.30	54637.30
B 12.15			Sinking of 9 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	14947.80	14947.80	14947.80	13417.70	13417.70	13417.70	14947.80	14947.80	14947.80	13417.70	13417.70	13417.70
	(ii)		Beyond 3m upto 10m depth	Metre	19526.00	19526.00	19526.00	17677.20	17677.20	17677.20	19526.00	19526.00	19526.00	17677.20	17677.20	17677.20
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.14 (A) or (B) irrespective of depth for sinking in Soft Rock (8m dia well)	Metre	48172.00	48172.00	48172.00	42999.60	42999.60	42999.60	48172.00	48172.00	48172.00	42999.60	42999.60	42999.60
	D		Extra over item no. 12.14 (A) or (B) irrespective of depth for sinking in Hard Rock (8m dia well)	Metre	98117.80	98117.80	98117.80	88770.80	88770.80	88770.80	99552.00	99552.00	99552.00	90205.10	90205.10	90205.10
	E		Extra over item no. 12.14 (A) or (B) irrespective of depth for sinking in rock bouldery strata (8m dia well)	Metre	59218.20	59218.20	59218.20	54637.30	54637.30	54637.30	59218.20	59218.20	59218.20	54637.30	54637.30	54637.30
B 12.15			Sinking of 9 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	14947.80	14947.80	14947.80	13417.70	13417.70	13417.70	14947.80	14947.80	14947.80	13417.70	13417.70	13417.70
	(ii)		Beyond 3m upto 10m depth	Metre	19526.00	19526.00	19526.00	17677.20	17677.20	17677.20	19526.00	19526.00	19526.00	17677.20	17677.20	17677.20
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.14 (A) or (B) irrespective of depth for sinking in Soft Rock (8m dia well)	Metre	48172.00	48172.00	48172.00	42999.60	42999.60	42999.60	48172.00	48172.00	48172.00	42999.60	42999.60	42999.60
	D		Extra over item no. 12.14 (A) or (B) irrespective of depth for sinking in Hard Rock (8m dia well)	Metre	102215.60	102215.60	102215.60	92868.60	92868.60	92868.60	101600.90	101600.90	101600.90	92254.00	92254.00	92254.00
	E		Extra over item no. 12.14 (A) or (B) irrespective of depth for sinking in rock bouldery strata (8m dia well)	Metre	59218.20	59218.20	59218.20	54637.30	54637.30	54637.30	59218.20	59218.20	59218.20	54637.30	54637.30	54637.30
B 12.15			Sinking of 9 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	14947.80	14947.80	14947.80	13417.70	13417.70	13417.70	14947.80	14947.80	14947.80	13417.70	13417.70	13417.70
	(ii)		Beyond 3m upto 10m depth	Metre	19526.00	19526.00	19526.00	17677.20	17677.20	17677.20	19526.00	19526.00	19526.00	17677.20	17677.20	17677.20
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.14 (A) or (B) irrespective of depth for sinking in Soft Rock (8m dia well)	Metre	48172.00	48172.00	48172.00	42999.60	42999.60	42999.60	48172.00	48172.00	48172.00	42999.60	42999.60	42999.60
	D		Extra over item no. 12.14 (A) or (B) irrespective of depth for sinking in Hard Rock (8m dia well)	Metre	98527.50	98527.50	98527.50	89180.60	89180.60	89180.60	102420.40	102420.40	102420.40	93073.50	93073.50	93073.50
	E		Extra over item no. 12.14 (A) or (B) irrespective of depth for sinking in rock bouldery strata (8m dia well)	Metre	59218.20	59218.20	59218.20	54637.30	54637.30	54637.30	59218.20	59218.20	59218.20	54637.30	54637.30	54637.30
B 12.15			Sinking of 9 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	14947.80	14947.80	14947.80	13417.70	13417.70	13417.70	14947.80	14947.80	14947.80	13417.70	13417.70	13417.70
	(ii)		Beyond 3m upto 10m depth	Metre	19526.00	19526.00	19526.00	17677.20	17677.20	17677.20	19526.00	19526.00	19526.00	17677.20	17677.20	17677.20
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.14 (A) or (B) irrespective of depth for sinking in Soft Rock (8m dia well)	Metre	48172.00	48172.00	48172.00	42999.60	42999.60	42999.60	48172.00	48172.00	48172.00	42999.60	42999.60	42999.60
	D		Extra over item no. 12.14 (A) or (B) irrespective of depth for sinking in Hard Rock (8m dia well)	Metre	98732.40	98732.40	98732.40	89385.50	89385.50	89385.50	100576.40	100576.40	100576.40	91229.50	91229.50	91229.50
	E		Extra over item no. 12.14 (A) or (B) irrespective of depth for sinking in rock bouldery strata (8m dia well)	Metre	59218.20	59218.20	59218.20	54637.30	54637.30	54637.30	59218.20	59218.20	59218.20	54637.30	54637.30	54637.30
B 12.15			Sinking of 9 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	14947.80	14947.80	14947.80	13417.70	13417.70	13417.70	14947.80	14947.80	14947.80	13417.70	13417.70	13417.70
	(ii)		Beyond 3m upto 10m depth	Metre	19526.00	19526.00	19526.00	17677.20	17677.20	17677.20	19526.00	19526.00	19526.00	17677.20	17677.20	17677.20
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.14 (A) or (B) irrespective of depth for sinking in Soft Rock (8m dia well)	Metre	48172.00	48172.00	48172.00	42999.60	42999.60	42999.60	48172.00	48172.00	48172.00	42999.60	42999.60	42999.60
	D		Extra over item no. 12.14 (A) or (B) irrespective of depth for sinking in Hard Rock (8m dia well)	Metre	104469.30	104469.30	104469.30	95122.40	95122.40	95122.40	103240.00	103240.00	103240.00	93893.10	93893.10	93893.10
	E		Extra over item no. 12.14 (A) or (B) irrespective of depth for sinking in rock bouldery strata (8m dia well)	Metre	59218.20	59218.20	59218.20	54637.30	54637.30	54637.30	59218.20	59218.20	59218.20	54637.30	54637.30	54637.30
B 12.15			Sinking of 9 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	14947.80	14947.80	14947.80	13417.70	13417.70	13417.70	14947.80	14947.80	14947.80	13417.70	13417.70	13417.70
	(ii)		Beyond 3m upto 10m depth	Metre	19526.00	19526.00	19526.00	17677.20	17677.20	17677.20	19526.00	19526.00	19526.00	17677.20	17677.20	17677.20
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (9m dia. Well) M													
	(i)		Depth below bed level upto 3.0 M	Metre	20483.40	20483.40	20483.40	18533.10	18533.10	18533.10	20483.40	20483.40	20483.40	18533.10	18533.10	18533.10
	(ii)		Beyond 3m upto 10m depth	Metre	25186.50	25186.50	25186.50	22765.10	22765.10	22765.10	25186.50	25186.50	25186.50	22765.10	22765.10	22765.10
	(iii)		Beyond 10m upto 20m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.15 (A) or (B) irrespective of depth for sinking in Soft Rock (9m dia well)	Metre	55904.20	55904.20	55904.20	50144.00	50144.00	50144.00	55904.20	55904.20	55904.20	50144.00	50144.00	50144.00
	D		Extra over item no. 12.15 (A) or (B) irrespective of depth for sinking in Hard Rock (9m dia well)	Metre	173998.60	173998.60	173998.60	163624.50	163624.50	163624.50	168254.70	168254.70	168254.70	157880.60	157880.60	157880.60
	E		Extra over item no. 12.15 (A) or (B) irrespective of depth for sinking in rock bouldery strata (9m dia well)	Metre	73266.50	73266.50	73266.50	67412.10	67412.10	67412.10	73266.50	73266.50	73266.50	67412.10	67412.10	67412.10

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (9m dia. Well) M													
	(i)		Depth below bed level upto 3.0 M	Metre	20483.40	20483.40	20483.40	18533.10	18533.10	18533.10	20483.40	20483.40	20483.40	18533.10	18533.10	18533.10
	(ii)		Beyond 3m upto 10m depth	Metre	25186.50	25186.50	25186.50	22765.10	22765.10	22765.10	25186.50	25186.50	25186.50	22765.10	22765.10	22765.10
	(iii)		Beyond 10m upto 20m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.15 (A) or (B) irrespective of depth for sinking in Soft Rock (9m dia well)	Metre	55904.20	55904.20	55904.20	50144.00	50144.00	50144.00	55904.20	55904.20	55904.20	50144.00	50144.00	50144.00
	D		Extra over item no. 12.15 (A) or (B) irrespective of depth for sinking in Hard Rock (9m dia well)	Metre	173998.60	173998.60	173998.60	163624.50	163624.50	163624.50	179742.40	179742.40	179742.40	169368.40	169368.40	169368.40
	E		Extra over item no. 12.15 (A) or (B) irrespective of depth for sinking in rock bouldery strata (9m dia well)	Metre	73266.50	73266.50	73266.50	67412.10	67412.10	67412.10	73266.50	73266.50	73266.50	67412.10	67412.10	67412.10

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (9m dia. Well) M													
	(i)		Depth below bed level upto 3.0 M	Metre	20483.40	20483.40	20483.40	18533.10	18533.10	18533.10	20483.40	20483.40	20483.40	18533.10	18533.10	18533.10
	(ii)		Beyond 3m upto 10m depth	Metre	25186.50	25186.50	25186.50	22765.10	22765.10	22765.10	25186.50	25186.50	25186.50	22765.10	22765.10	22765.10
	(iii)		Beyond 10m upto 20m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.15 (A) or (B) irrespective of depth for sinking in Soft Rock (9m dia well)	Metre	55904.20	55904.20	55904.20	50144.00	50144.00	50144.00	55904.20	55904.20	55904.20	50144.00	50144.00	50144.00
	D		Extra over item no. 12.15 (A) or (B) irrespective of depth for sinking in Hard Rock (9m dia well)	Metre	190409.60	190409.60	190409.60	180035.60	180035.60	180035.60	187948.00	187948.00	187948.00	177573.90	177573.90	177573.90
	E		Extra over item no. 12.15 (A) or (B) irrespective of depth for sinking in rock bouldery strata (9m dia well)	Metre	73266.50	73266.50	73266.50	67412.10	67412.10	67412.10	73266.50	73266.50	73266.50	67412.10	67412.10	67412.10

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (9m dia. Well) M													
	(i)		Depth below bed level upto 3.0 M	Metre	20483.40	20483.40	20483.40	18533.10	18533.10	18533.10	20483.40	20483.40	20483.40	18533.10	18533.10	18533.10
	(ii)		Beyond 3m upto 10m depth	Metre	25186.50	25186.50	25186.50	22765.10	22765.10	22765.10	25186.50	25186.50	25186.50	22765.10	22765.10	22765.10
	(iii)		Beyond 10m upto 20m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.15 (A) or (B) irrespective of depth for sinking in Soft Rock (9m dia well)	Metre	55904.20	55904.20	55904.20	50144.00	50144.00	50144.00	55904.20	55904.20	55904.20	50144.00	50144.00	50144.00
	D		Extra over item no. 12.15 (A) or (B) irrespective of depth for sinking in Hard Rock (9m dia well)	Metre	175639.70	175639.70	175639.70	165265.60	165265.60	165265.60	191230.20	191230.20	191230.20	180856.10	180856.10	180856.10
	E		Extra over item no. 12.15 (A) or (B) irrespective of depth for sinking in rock bouldery strata (9m dia well)	Metre	73266.50	73266.50	73266.50	67412.10	67412.10	67412.10	73266.50	73266.50	73266.50	67412.10	67412.10	67412.10

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (9m dia. Well) M													
	(i)		Depth below bed level upto 3.0 M	Metre	20483.40	20483.40	20483.40	18533.10	18533.10	18533.10	20483.40	20483.40	20483.40	18533.10	18533.10	18533.10
	(ii)		Beyond 3m upto 10m depth	Metre	25186.50	25186.50	25186.50	22765.10	22765.10	22765.10	25186.50	25186.50	25186.50	22765.10	22765.10	22765.10
	(iii)		Beyond 10m upto 20m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.15 (A) or (B) irrespective of depth for sinking in Soft Rock (9m dia well)	Metre	55904.20	55904.20	55904.20	50144.00	50144.00	50144.00	55904.20	55904.20	55904.20	50144.00	50144.00	50144.00
	D		Extra over item no. 12.15 (A) or (B) irrespective of depth for sinking in Hard Rock (9m dia well)	Metre	176460.20	176460.20	176460.20	166086.10	166086.10	166086.10	183845.20	183845.20	183845.20	173471.10	173471.10	173471.10
	E		Extra over item no. 12.15 (A) or (B) irrespective of depth for sinking in rock bouldery strata (9m dia well)	Metre	73266.50	73266.50	73266.50	67412.10	67412.10	67412.10	73266.50	73266.50	73266.50	67412.10	67412.10	67412.10

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (9m dia. Well) M													
	(i)		Depth below bed level upto 3.0 M	Metre	20483.40	20483.40	20483.40	18533.10	18533.10	18533.10	20483.40	20483.40	20483.40	18533.10	18533.10	18533.10
	(ii)		Beyond 3m upto 10m depth	Metre	25186.50	25186.50	25186.50	22765.10	22765.10	22765.10	25186.50	25186.50	25186.50	22765.10	22765.10	22765.10
	(iii)		Beyond 10m upto 20m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.15 (A) or (B) irrespective of depth for sinking in Soft Rock (9m dia well)	Metre	55904.20	55904.20	55904.20	50144.00	50144.00	50144.00	55904.20	55904.20	55904.20	50144.00	50144.00	50144.00
	D		Extra over item no. 12.15 (A) or (B) irrespective of depth for sinking in Hard Rock (9m dia well)	Metre	199435.70	199435.70	199435.70	189061.70	189061.70	189061.70	194512.40	194512.40	194512.40	184138.30	184138.30	184138.30
	E		Extra over item no. 12.15 (A) or (B) irrespective of depth for sinking in rock bouldery strata (9m dia well)	Metre	73266.50	73266.50	73266.50	67412.10	67412.10	67412.10	73266.50	73266.50	73266.50	67412.10	67412.10	67412.10

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.16			Sinking of 10 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	17451.60	17451.60	17451.60	15845.50	15845.50	15845.50	17451.60	17451.60	17451.60	15845.50	15845.50	15845.50
	(ii)		Beyond 3m upto 10m depth	Metre	20742.30	20742.30	20742.30	18727.80	18727.80	18727.80	20742.30	20742.30	20742.30	18727.80	18727.80	18727.80
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (10m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	23551.30	23551.30	23551.30	20976.40	20976.40	20976.40	23551.30	23551.30	23551.30	20976.40	20976.40	20976.40
	(ii)		Beyond 3m upto 10m depth	Metre	25499.90	25499.90	25499.90	22747.60	22747.60	22747.60	25499.90	25499.90	25499.90	22747.60	22747.60	22747.60
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.16			Sinking of 10 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	17451.60	17451.60	17451.60	15845.50	15845.50	15845.50	17451.60	17451.60	17451.60	15845.50	15845.50	15845.50
	(ii)		Beyond 3m upto 10m depth	Metre	20742.30	20742.30	20742.30	18727.80	18727.80	18727.80	20742.30	20742.30	20742.30	18727.80	18727.80	18727.80
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (10m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	23551.30	23551.30	23551.30	20976.40	20976.40	20976.40	23551.30	23551.30	23551.30	20976.40	20976.40	20976.40
	(ii)		Beyond 3m upto 10m depth	Metre	25499.90	25499.90	25499.90	22747.60	22747.60	22747.60	25499.90	25499.90	25499.90	22747.60	22747.60	22747.60
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.16			Sinking of 10 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	17451.60	17451.60	17451.60	15845.50	15845.50	15845.50	17451.60	17451.60	17451.60	15845.50	15845.50	15845.50
	(ii)		Beyond 3m upto 10m depth	Metre	20742.30	20742.30	20742.30	18727.80	18727.80	18727.80	20742.30	20742.30	20742.30	18727.80	18727.80	18727.80
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (10m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	23551.30	23551.30	23551.30	20976.40	20976.40	20976.40	23551.30	23551.30	23551.30	20976.40	20976.40	20976.40
	(ii)		Beyond 3m upto 10m depth	Metre	25499.90	25499.90	25499.90	22747.60	22747.60	22747.60	25499.90	25499.90	25499.90	22747.60	22747.60	22747.60
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.16			Sinking of 10 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	17451.60	17451.60	17451.60	15845.50	15845.50	15845.50	17451.60	17451.60	17451.60	15845.50	15845.50	15845.50
	(ii)		Beyond 3m upto 10m depth	Metre	20742.30	20742.30	20742.30	18727.80	18727.80	18727.80	20742.30	20742.30	20742.30	18727.80	18727.80	18727.80
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (10m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	23551.30	23551.30	23551.30	20976.40	20976.40	20976.40	23551.30	23551.30	23551.30	20976.40	20976.40	20976.40
	(ii)		Beyond 3m upto 10m depth	Metre	25499.90	25499.90	25499.90	22747.60	22747.60	22747.60	25499.90	25499.90	25499.90	22747.60	22747.60	22747.60
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.16			Sinking of 10 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	17451.60	17451.60	17451.60	15845.50	15845.50	15845.50	17451.60	17451.60	17451.60	15845.50	15845.50	15845.50
	(ii)		Beyond 3m upto 10m depth	Metre	20742.30	20742.30	20742.30	18727.80	18727.80	18727.80	20742.30	20742.30	20742.30	18727.80	18727.80	18727.80
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (10m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	23551.30	23551.30	23551.30	20976.40	20976.40	20976.40	23551.30	23551.30	23551.30	20976.40	20976.40	20976.40
	(ii)		Beyond 3m upto 10m depth	Metre	25499.90	25499.90	25499.90	22747.60	22747.60	22747.60	25499.90	25499.90	25499.90	22747.60	22747.60	22747.60
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.16			Sinking of 10 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	17451.60	17451.60	17451.60	15845.50	15845.50	15845.50	17451.60	17451.60	17451.60	15845.50	15845.50	15845.50
	(ii)		Beyond 3m upto 10m depth	Metre	20742.30	20742.30	20742.30	18727.80	18727.80	18727.80	20742.30	20742.30	20742.30	18727.80	18727.80	18727.80
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (10m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	23551.30	23551.30	23551.30	20976.40	20976.40	20976.40	23551.30	23551.30	23551.30	20976.40	20976.40	20976.40
	(ii)		Beyond 3m upto 10m depth	Metre	25499.90	25499.90	25499.90	22747.60	22747.60	22747.60	25499.90	25499.90	25499.90	22747.60	22747.60	22747.60
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.16 (A) or (B) irrespective of depth for sinking in Soft Rock (10m dia well)	Metre	405419.00	405419.00	405419.00	57912.10	57912.10	57912.10	405419.00	405419.00	405419.00	57912.10	57912.10	57912.10
	D		Extra over item no. 12.16 (A) or (B) irrespective of depth for sinking in Hard Rock (10m dia well)	Metre	206036.70	206036.70	206036.70	196251.10	196251.10	196251.10	198790.80	198790.80	198790.80	189005.30	189005.30	189005.30
	E		Extra over item no. 12.16 (A) or (B) irrespective of depth for sinking in rock bouldery strata (10m dia well)	Metre	82866.10	82866.10	82866.10	77103.00	77103.00	77103.00	82866.10	82866.10	82866.10	77103.00	77103.00	77103.00
B 12.17			Sinking of 11 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	19400.10	19400.10	19400.10	17855.60	17855.60	17855.60	19400.10	19400.10	19400.10	17855.60	17855.60	17855.60
	(ii)		Beyond 3m upto 11m depth	Metre	17207.80	17207.80	17207.80	15117.30	15117.30	15117.30	17207.80	17207.80	17207.80	15117.30	15117.30	15117.30
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (11m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	19503.10	19503.10	19503.10	17387.90	17387.90	17387.90	19503.10	19503.10	19503.10	17387.90	17387.90	17387.90
	(ii)		Beyond 3m upto 11m depth	Metre	25676.50	25676.50	25676.50	23595.80	23595.80	23595.80	25676.50	25676.50	25676.50	23595.80	23595.80	23595.80

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.16 (A) or (B) irrespective of depth for sinking in Soft Rock (10m dia well)	Metre	405419.00	405419.00	405419.00	57912.10	57912.10	57912.10	405419.00	405419.00	405419.00	57912.10	57912.10	57912.10
	D		Extra over item no. 12.16 (A) or (B) irrespective of depth for sinking in Hard Rock (10m dia well)	Metre	206036.70	206036.70	206036.70	196251.10	196251.10	196251.10	213282.50	213282.50	213282.50	203497.00	203497.00	203497.00
	E		Extra over item no. 12.16 (A) or (B) irrespective of depth for sinking in rock bouldery strata (10m dia well)	Metre	82866.10	82866.10	82866.10	77103.00	77103.00	77103.00	82866.10	82866.10	82866.10	77103.00	77103.00	77103.00
B 12.17			Sinking of 11 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	19400.10	19400.10	19400.10	17855.60	17855.60	17855.60	19400.10	19400.10	19400.10	17855.60	17855.60	17855.60
	(ii)		Beyond 3m upto 11m depth	Metre	17207.80	17207.80	17207.80	15117.30	15117.30	15117.30	17207.80	17207.80	17207.80	15117.30	15117.30	15117.30
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (11m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	19503.10	19503.10	19503.10	17387.90	17387.90	17387.90	19503.10	19503.10	19503.10	17387.90	17387.90	17387.90
	(ii)		Beyond 3m upto 11m depth	Metre	25676.50	25676.50	25676.50	23595.80	23595.80	23595.80	25676.50	25676.50	25676.50	23595.80	23595.80	23595.80

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.16 (A) or (B) irrespective of depth for sinking in Soft Rock (10m dia well)	Metre	405419.00	405419.00	405419.00	57912.10	57912.10	57912.10	405419.00	405419.00	405419.00	57912.10	57912.10	57912.10
	D		Extra over item no. 12.16 (A) or (B) irrespective of depth for sinking in Hard Rock (10m dia well)	Metre	226739.10	226739.10	226739.10	216953.50	216953.50	216953.50	223633.70	223633.70	223633.70	213848.20	213848.20	213848.20
	E		Extra over item no. 12.16 (A) or (B) irrespective of depth for sinking in rock bouldery strata (10m dia well)	Metre	82866.10	82866.10	82866.10	77103.00	77103.00	77103.00	82866.10	82866.10	82866.10	77103.00	77103.00	77103.00
B 12.17			Sinking of 11 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	19400.10	19400.10	19400.10	17855.60	17855.60	17855.60	19400.10	19400.10	19400.10	17855.60	17855.60	17855.60
	(ii)		Beyond 3m upto 11m depth	Metre	17207.80	17207.80	17207.80	15117.30	15117.30	15117.30	17207.80	17207.80	17207.80	15117.30	15117.30	15117.30
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (11m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	19503.10	19503.10	19503.10	17387.90	17387.90	17387.90	19503.10	19503.10	19503.10	17387.90	17387.90	17387.90
	(ii)		Beyond 3m upto 11m depth	Metre	25676.50	25676.50	25676.50	23595.80	23595.80	23595.80	25676.50	25676.50	25676.50	23595.80	23595.80	23595.80

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.16 (A) or (B) irrespective of depth for sinking in Soft Rock (10m dia well)	Metre	405419.00	405419.00	405419.00	57912.10	57912.10	57912.10	405419.00	405419.00	405419.00	57912.10	57912.10	57912.10
	D		Extra over item no. 12.16 (A) or (B) irrespective of depth for sinking in Hard Rock (10m dia well)	Metre	208106.90	208106.90	208106.90	198321.30	198321.30	198321.30	227774.20	227774.20	227774.20	217988.70	217988.70	217988.70
	E		Extra over item no. 12.16 (A) or (B) irrespective of depth for sinking in rock bouldery strata (10m dia well)	Metre	82866.10	82866.10	82866.10	77103.00	77103.00	77103.00	82866.10	82866.10	82866.10	77103.00	77103.00	77103.00
B 12.17			Sinking of 11 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	19400.10	19400.10	19400.10	17855.60	17855.60	17855.60	19400.10	19400.10	19400.10	17855.60	17855.60	17855.60
	(ii)		Beyond 3m upto 11m depth	Metre	17207.80	17207.80	17207.80	15117.30	15117.30	15117.30	17207.80	17207.80	17207.80	15117.30	15117.30	15117.30
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (11m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	19503.10	19503.10	19503.10	17387.90	17387.90	17387.90	19503.10	19503.10	19503.10	17387.90	17387.90	17387.90
	(ii)		Beyond 3m upto 11m depth	Metre	25676.50	25676.50	25676.50	23595.80	23595.80	23595.80	25676.50	25676.50	25676.50	23595.80	23595.80	23595.80

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.16 (A) or (B) irrespective of depth for sinking in Soft Rock (10m dia well)	Metre	405419.00	405419.00	405419.00	57912.10	57912.10	57912.10	405419.00	405419.00	405419.00	57912.10	57912.10	57912.10
	D		Extra over item no. 12.16 (A) or (B) irrespective of depth for sinking in Hard Rock (10m dia well)	Metre	209142.00	209142.00	209142.00	199356.50	199356.50	199356.50	218458.10	218458.10	218458.10	208672.60	208672.60	208672.60
	E		Extra over item no. 12.16 (A) or (B) irrespective of depth for sinking in rock bouldery strata (10m dia well)	Metre	82866.10	82866.10	82866.10	77103.00	77103.00	77103.00	82866.10	82866.10	82866.10	77103.00	77103.00	77103.00
B 12.17			Sinking of 11 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	19400.10	19400.10	19400.10	17855.60	17855.60	17855.60	19400.10	19400.10	19400.10	17855.60	17855.60	17855.60
	(ii)		Beyond 3m upto 11m depth	Metre	17207.80	17207.80	17207.80	15117.30	15117.30	15117.30	17207.80	17207.80	17207.80	15117.30	15117.30	15117.30
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (11m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	19503.10	19503.10	19503.10	17387.90	17387.90	17387.90	19503.10	19503.10	19503.10	17387.90	17387.90	17387.90
	(ii)		Beyond 3m upto 11m depth	Metre	25676.50	25676.50	25676.50	23595.80	23595.80	23595.80	25676.50	25676.50	25676.50	23595.80	23595.80	23595.80

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.16 (A) or (B) irrespective of depth for sinking in Soft Rock (10m dia well)	Metre	405419.00	405419.00	405419.00	57912.10	57912.10	57912.10	405419.00	405419.00	405419.00	57912.10	57912.10	57912.10
	D		Extra over item no. 12.16 (A) or (B) irrespective of depth for sinking in Hard Rock (10m dia well)	Metre	238125.40	238125.40	238125.40	228339.90	228339.90	228339.90	231914.70	231914.70	231914.70	222129.10	222129.10	222129.10
	E		Extra over item no. 12.16 (A) or (B) irrespective of depth for sinking in rock bouldery strata (10m dia well)	Metre	82866.10	82866.10	82866.10	77103.00	77103.00	77103.00	82866.10	82866.10	82866.10	77103.00	77103.00	77103.00
B 12.17			Sinking of 11 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	19400.10	19400.10	19400.10	17855.60	17855.60	17855.60	19400.10	19400.10	19400.10	17855.60	17855.60	17855.60
	(ii)		Beyond 3m upto 11m depth	Metre	17207.80	17207.80	17207.80	15117.30	15117.30	15117.30	17207.80	17207.80	17207.80	15117.30	15117.30	15117.30
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (11m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	19503.10	19503.10	19503.10	17387.90	17387.90	17387.90	19503.10	19503.10	19503.10	17387.90	17387.90	17387.90
	(ii)		Beyond 3m upto 11m depth	Metre	25676.50	25676.50	25676.50	23595.80	23595.80	23595.80	25676.50	25676.50	25676.50	23595.80	23595.80	23595.80

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.17 (A) or (B) irrespective of depth for sinking in Soft Rock (11m dia well)	Metre	73257.50	73257.50	73257.50	66312.20	66312.20	66312.20	73257.50	73257.50	73257.50	66312.20	66312.20	66312.20
	D		Extra over item no. 12.17 (A) or (B) irrespective of depth for sinking in Hard Rock (11m dia well)	Metre	244594.70	244594.70	244594.70	232164.60	232164.60	232164.60	235676.90	235676.90	235676.90	223246.80	223246.80	223246.80
	E		Extra over item no. 12.17 (A) or (B) irrespective of depth for sinking in rock bouldery strata (11m dia well)	Metre	96263.30	96263.30	96263.30	89909.50	89909.50	89909.50	96263.30	96263.30	96263.30	89909.50	89909.50	89909.50
B 12.18			Sinking of 12 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	20623.80	20623.80	20623.80	18775.10	18775.10	18775.10	20623.80	20623.80	20623.80	18775.10	18775.10	18775.10
	(ii)		Beyond 3m upto 12m depth	Metre	23723.40	23723.40	23723.40	21377.90	21377.90	21377.90	23723.40	23723.40	23723.40	21377.90	21377.90	21377.90
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.17 (A) or (B) irrespective of depth for sinking in Soft Rock (11m dia well)	Metre	73257.50	73257.50	73257.50	66312.20	66312.20	66312.20	73257.50	73257.50	73257.50	66312.20	66312.20	66312.20
	D		Extra over item no. 12.17 (A) or (B) irrespective of depth for sinking in Hard Rock (11m dia well)	Metre	244594.70	244594.70	244594.70	232164.60	232164.60	232164.60	253512.50	253512.50	253512.50	241082.40	241082.40	241082.40
	E		Extra over item no. 12.17 (A) or (B) irrespective of depth for sinking in rock bouldery strata (11m dia well)	Metre	96263.30	96263.30	96263.30	89909.50	89909.50	89909.50	96263.30	96263.30	96263.30	89909.50	89909.50	89909.50
B 12.18			Sinking of 12 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	20623.80	20623.80	20623.80	18775.10	18775.10	18775.10	20623.80	20623.80	20623.80	18775.10	18775.10	18775.10
	(ii)		Beyond 3m upto 12m depth	Metre	23723.40	23723.40	23723.40	21377.90	21377.90	21377.90	23723.40	23723.40	23723.40	21377.90	21377.90	21377.90
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.17 (A) or (B) irrespective of depth for sinking in Soft Rock (11m dia well)	Metre	73257.50	73257.50	73257.50	66312.20	66312.20	66312.20	73257.50	73257.50	73257.50	66312.20	66312.20	66312.20
	D		Extra over item no. 12.17 (A) or (B) irrespective of depth for sinking in Hard Rock (11m dia well)	Metre	270074.00	270074.00	270074.00	257643.90	257643.90	257643.90	266252.10	266252.10	266252.10	253822.00	253822.00	253822.00
	E		Extra over item no. 12.17 (A) or (B) irrespective of depth for sinking in rock bouldery strata (11m dia well)	Metre	96263.30	96263.30	96263.30	89909.50	89909.50	89909.50	96263.30	96263.30	96263.30	89909.50	89909.50	89909.50
B 12.18			Sinking of 12 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	20623.80	20623.80	20623.80	18775.10	18775.10	18775.10	20623.80	20623.80	20623.80	18775.10	18775.10	18775.10
	(ii)		Beyond 3m upto 12m depth	Metre	23723.40	23723.40	23723.40	21377.90	21377.90	21377.90	23723.40	23723.40	23723.40	21377.90	21377.90	21377.90
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.17 (A) or (B) irrespective of depth for sinking in Soft Rock (11m dia well)	Metre	73257.50	73257.50	73257.50	66312.20	66312.20	66312.20	73257.50	73257.50	73257.50	66312.20	66312.20	66312.20
	D		Extra over item no. 12.17 (A) or (B) irrespective of depth for sinking in Hard Rock (11m dia well)	Metre	247142.60	247142.60	247142.60	234712.50	234712.50	234712.50	271348.00	271348.00	271348.00	258917.90	258917.90	258917.90
	E		Extra over item no. 12.17 (A) or (B) irrespective of depth for sinking in rock bouldery strata (11m dia well)	Metre	96263.30	96263.30	96263.30	89909.50	89909.50	89909.50	96263.30	96263.30	96263.30	89909.50	89909.50	89909.50
B 12.18			Sinking of 12 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	20623.80	20623.80	20623.80	18775.10	18775.10	18775.10	20623.80	20623.80	20623.80	18775.10	18775.10	18775.10
	(ii)		Beyond 3m upto 12m depth	Metre	23723.40	23723.40	23723.40	21377.90	21377.90	21377.90	23723.40	23723.40	23723.40	21377.90	21377.90	21377.90
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.17 (A) or (B) irrespective of depth for sinking in Soft Rock (11m dia well)	Metre	73257.50	73257.50	73257.50	66312.20	66312.20	66312.20	73257.50	73257.50	73257.50	66312.20	66312.20	66312.20
	D		Extra over item no. 12.17 (A) or (B) irrespective of depth for sinking in Hard Rock (11m dia well)	Metre	248416.60	248416.60	248416.60	235986.50	235986.50	235986.50	259882.30	259882.30	259882.30	247452.20	247452.20	247452.20
	E		Extra over item no. 12.17 (A) or (B) irrespective of depth for sinking in rock bouldery strata (11m dia well)	Metre	96263.30	96263.30	96263.30	89909.50	89909.50	89909.50	96263.30	96263.30	96263.30	89909.50	89909.50	89909.50
B 12.18			Sinking of 12 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	20623.80	20623.80	20623.80	18775.10	18775.10	18775.10	20623.80	20623.80	20623.80	18775.10	18775.10	18775.10
	(ii)		Beyond 3m upto 12m depth	Metre	23723.40	23723.40	23723.40	21377.90	21377.90	21377.90	23723.40	23723.40	23723.40	21377.90	21377.90	21377.90
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.17 (A) or (B) irrespective of depth for sinking in Soft Rock (11m dia well)	Metre	73257.50	73257.50	73257.50	66312.20	66312.20	66312.20	73257.50	73257.50	73257.50	66312.20	66312.20	66312.20
	D		Extra over item no. 12.17 (A) or (B) irrespective of depth for sinking in Hard Rock (11m dia well)	Metre	284087.60	284087.60	284087.60	271657.50	271657.50	271657.50	276443.80	276443.80	276443.80	264013.70	264013.70	264013.70
	E		Extra over item no. 12.17 (A) or (B) irrespective of depth for sinking in rock bouldery strata (11m dia well)	Metre	96263.30	96263.30	96263.30	89909.50	89909.50	89909.50	96263.30	96263.30	96263.30	89909.50	89909.50	89909.50
B 12.18			Sinking of 12 m external diameter well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	20623.80	20623.80	20623.80	18775.10	18775.10	18775.10	20623.80	20623.80	20623.80	18775.10	18775.10	18775.10
	(ii)		Beyond 3m upto 12m depth	Metre	23723.40	23723.40	23723.40	21377.90	21377.90	21377.90	23723.40	23723.40	23723.40	21377.90	21377.90	21377.90
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (12m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	23582.10	23582.10	23582.10	21135.90	21135.90	21135.90	23582.10	23582.10	23582.10	21135.90	21135.90	21135.90
	(ii)		Beyond 3m upto 12m depth	Metre	32463.80	32463.80	32463.80	29290.50	29290.50	29290.50	32463.80	32463.80	32463.80	29290.50	29290.50	29290.50
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.18 (A) or (B) irrespective of depth for sinking in Soft Rock (12m dia well)	Metre	82877.90	82877.90	82877.90	75341.90	75341.90	75341.90	82877.90	82877.90	82877.90	75341.90	75341.90	75341.90
	D		Extra over item no. 12.18 (A) or (B) irrespective of depth for sinking in Hard Rock (12m dia well)	Metre	284822.60	284822.60	284822.60	271365.30	271365.30	271365.30	274063.10	274063.10	274063.10	260605.70	260605.70	260605.70
	E		Extra over item no. 12.18 (A) or (B) irrespective of depth for sinking in rock bouldery strata (12m dia well)	Metre	110710.40	110710.40	110710.40	103765.10	103765.10	103765.10	110710.40	110710.40	110710.40	103765.10	103765.10	103765.10

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (12m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	23582.10	23582.10	23582.10	21135.90	21135.90	21135.90	23582.10	23582.10	23582.10	21135.90	21135.90	21135.90
	(ii)		Beyond 3m upto 12m depth	Metre	32463.80	32463.80	32463.80	29290.50	29290.50	29290.50	32463.80	32463.80	32463.80	29290.50	29290.50	29290.50
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.18 (A) or (B) irrespective of depth for sinking in Soft Rock (12m dia well)	Metre	82877.90	82877.90	82877.90	75341.90	75341.90	75341.90	82877.90	82877.90	82877.90	75341.90	75341.90	75341.90
	D		Extra over item no. 12.18 (A) or (B) irrespective of depth for sinking in Hard Rock (12m dia well)	Metre	284822.60	284822.60	284822.60	271365.30	271365.30	271365.30	295582.20	295582.20	295582.20	282124.80	282124.80	282124.80
	E		Extra over item no. 12.18 (A) or (B) irrespective of depth for sinking in rock bouldery strata (12m dia well)	Metre	110710.40	110710.40	110710.40	103765.10	103765.10	103765.10	110710.40	110710.40	110710.40	103765.10	103765.10	103765.10

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (12m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	23582.10	23582.10	23582.10	21135.90	21135.90	21135.90	23582.10	23582.10	23582.10	21135.90	21135.90	21135.90
	(ii)		Beyond 3m upto 12m depth	Metre	32463.80	32463.80	32463.80	29290.50	29290.50	29290.50	32463.80	32463.80	32463.80	29290.50	29290.50	29290.50
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.18 (A) or (B) irrespective of depth for sinking in Soft Rock (12m dia well)	Metre	82877.90	82877.90	82877.90	75341.90	75341.90	75341.90	82877.90	82877.90	82877.90	75341.90	75341.90	75341.90
	D		Extra over item no. 12.18 (A) or (B) irrespective of depth for sinking in Hard Rock (12m dia well)	Metre	315564.30	315564.30	315564.30	302106.90	302106.90	302106.90	310953.00	310953.00	310953.00	297495.70	297495.70	297495.70
	E		Extra over item no. 12.18 (A) or (B) irrespective of depth for sinking in rock bouldery strata (12m dia well)	Metre	110710.40	110710.40	110710.40	103765.10	103765.10	103765.10	110710.40	110710.40	110710.40	103765.10	103765.10	103765.10

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (12m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	23582.10	23582.10	23582.10	21135.90	21135.90	21135.90	23582.10	23582.10	23582.10	21135.90	21135.90	21135.90
	(ii)		Beyond 3m upto 12m depth	Metre	32463.80	32463.80	32463.80	29290.50	29290.50	29290.50	32463.80	32463.80	32463.80	29290.50	29290.50	29290.50
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.18 (A) or (B) irrespective of depth for sinking in Soft Rock (12m dia well)	Metre	82877.90	82877.90	82877.90	75341.90	75341.90	75341.90	82877.90	82877.90	82877.90	75341.90	75341.90	75341.90
	D		Extra over item no. 12.18 (A) or (B) irrespective of depth for sinking in Hard Rock (12m dia well)	Metre	287896.80	287896.80	287896.80	274439.40	274439.40	274439.40	317101.40	317101.40	317101.40	303644.00	303644.00	303644.00
	E		Extra over item no. 12.18 (A) or (B) irrespective of depth for sinking in rock bouldery strata (12m dia well)	Metre	110710.40	110710.40	110710.40	103765.10	103765.10	103765.10	110710.40	110710.40	110710.40	103765.10	103765.10	103765.10

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (12m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	23582.10	23582.10	23582.10	21135.90	21135.90	21135.90	23582.10	23582.10	23582.10	21135.90	21135.90	21135.90
	(ii)		Beyond 3m upto 12m depth	Metre	32463.80	32463.80	32463.80	29290.50	29290.50	29290.50	32463.80	32463.80	32463.80	29290.50	29290.50	29290.50
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.18 (A) or (B) irrespective of depth for sinking in Soft Rock (12m dia well)	Metre	82877.90	82877.90	82877.90	75341.90	75341.90	75341.90	82877.90	82877.90	82877.90	75341.90	75341.90	75341.90
	D		Extra over item no. 12.18 (A) or (B) irrespective of depth for sinking in Hard Rock (12m dia well)	Metre	289433.90	289433.90	289433.90	275976.50	275976.50	275976.50	303267.60	303267.60	303267.60	289810.20	289810.20	289810.20
	E		Extra over item no. 12.18 (A) or (B) irrespective of depth for sinking in rock bouldery strata (12m dia well)	Metre	110710.40	110710.40	110710.40	103765.10	103765.10	103765.10	110710.40	110710.40	110710.40	103765.10	103765.10	103765.10

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (12m dia. Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	23582.10	23582.10	23582.10	21135.90	21135.90	21135.90	23582.10	23582.10	23582.10	21135.90	21135.90	21135.90
	(ii)		Beyond 3m upto 12m depth	Metre	32463.80	32463.80	32463.80	29290.50	29290.50	29290.50	32463.80	32463.80	32463.80	29290.50	29290.50	29290.50
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.18 (A) or (B) irrespective of depth for sinking in Soft Rock (12m dia well)	Metre	82877.90	82877.90	82877.90	75341.90	75341.90	75341.90	82877.90	82877.90	82877.90	75341.90	75341.90	75341.90
	D		Extra over item no. 12.18 (A) or (B) irrespective of depth for sinking in Hard Rock (12m dia well)	Metre	332472.20	332472.20	332472.20	319014.80	319014.80	319014.80	323249.70	323249.70	323249.70	309792.30	309792.30	309792.30
	E		Extra over item no. 12.18 (A) or (B) irrespective of depth for sinking in rock bouldery strata (12m dia well)	Metre	110710.40	110710.40	110710.40	103765.10	103765.10	103765.10	110710.40	110710.40	110710.40	103765.10	103765.10	103765.10

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.19			Sinking of Twin D Type well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	18500.60	18500.60	18500.60	16906.00	16906.00	16906.00	18500.60	18500.60	18500.60	16906.00	16906.00	16906.00
	(ii)		Beyond 3m upto 12m depth	Metre	20001.60	20001.60	20001.60	18242.00	18242.00	18242.00	20001.60	20001.60	20001.60	18242.00	18242.00	18242.00
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (Twin D Type Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	22247.80	22247.80	22247.80	20132.60	20132.60	20132.60	22247.80	22247.80	22247.80	20132.60	20132.60	20132.60
	(ii)		Beyond 3m upto 12m depth	Metre	28101.60	28101.60	28101.60	25106.50	25106.50	25106.50	28101.60	28101.60	28101.60	25106.50	25106.50	25106.50
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.19			Sinking of Twin D Type well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	18500.60	18500.60	18500.60	16906.00	16906.00	16906.00	18500.60	18500.60	18500.60	16906.00	16906.00	16906.00
	(ii)		Beyond 3m upto 12m depth	Metre	20001.60	20001.60	20001.60	18242.00	18242.00	18242.00	20001.60	20001.60	20001.60	18242.00	18242.00	18242.00
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (Twin D Type Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	22247.80	22247.80	22247.80	20132.60	20132.60	20132.60	22247.80	22247.80	22247.80	20132.60	20132.60	20132.60
	(ii)		Beyond 3m upto 12m depth	Metre	28101.60	28101.60	28101.60	25106.50	25106.50	25106.50	28101.60	28101.60	28101.60	25106.50	25106.50	25106.50
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.19			Sinking of Twin D Type well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	18500.60	18500.60	18500.60	16906.00	16906.00	16906.00	18500.60	18500.60	18500.60	16906.00	16906.00	16906.00
	(ii)		Beyond 3m upto 12m depth	Metre	20001.60	20001.60	20001.60	18242.00	18242.00	18242.00	20001.60	20001.60	20001.60	18242.00	18242.00	18242.00
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (Twin D Type Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	22247.80	22247.80	22247.80	20132.60	20132.60	20132.60	22247.80	22247.80	22247.80	20132.60	20132.60	20132.60
	(ii)		Beyond 3m upto 12m depth	Metre	28101.60	28101.60	28101.60	25106.50	25106.50	25106.50	28101.60	28101.60	28101.60	25106.50	25106.50	25106.50
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.19			Sinking of Twin D Type well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	18500.60	18500.60	18500.60	16906.00	16906.00	16906.00	18500.60	18500.60	18500.60	16906.00	16906.00	16906.00
	(ii)		Beyond 3m upto 12m depth	Metre	20001.60	20001.60	20001.60	18242.00	18242.00	18242.00	20001.60	20001.60	20001.60	18242.00	18242.00	18242.00
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (Twin D Type Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	22247.80	22247.80	22247.80	20132.60	20132.60	20132.60	22247.80	22247.80	22247.80	20132.60	20132.60	20132.60
	(ii)		Beyond 3m upto 12m depth	Metre	28101.60	28101.60	28101.60	25106.50	25106.50	25106.50	28101.60	28101.60	28101.60	25106.50	25106.50	25106.50
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.19			Sinking of Twin D Type well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	18500.60	18500.60	18500.60	16906.00	16906.00	16906.00	18500.60	18500.60	18500.60	16906.00	16906.00	16906.00
	(ii)		Beyond 3m upto 12m depth	Metre	20001.60	20001.60	20001.60	18242.00	18242.00	18242.00	20001.60	20001.60	20001.60	18242.00	18242.00	18242.00
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (Twin D Type Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	22247.80	22247.80	22247.80	20132.60	20132.60	20132.60	22247.80	22247.80	22247.80	20132.60	20132.60	20132.60
	(ii)		Beyond 3m upto 12m depth	Metre	28101.60	28101.60	28101.60	25106.50	25106.50	25106.50	28101.60	28101.60	28101.60	25106.50	25106.50	25106.50
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.19			Sinking of Twin D Type well (other than pneumatic method of sinking) through all types of strata namely sandy soil, clayey soil and rock as shown against each case, complete as per drawing and technical specifications. Depth of sinking is reckoned from bed level.													
	A		Sandy Soil													
	(i)		Depth below bed level upto 3.0 M	Metre	18500.60	18500.60	18500.60	16906.00	16906.00	16906.00	18500.60	18500.60	18500.60	16906.00	16906.00	16906.00
	(ii)		Beyond 3m upto 12m depth	Metre	20001.60	20001.60	20001.60	18242.00	18242.00	18242.00	20001.60	20001.60	20001.60	18242.00	18242.00	18242.00
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	(v)		Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	B		Clayey Soil (Twin D Type Well)													
	(i)		Depth below bed level upto 3.0 M	Metre	22247.80	22247.80	22247.80	20132.60	20132.60	20132.60	22247.80	22247.80	22247.80	20132.60	20132.60	20132.60
	(ii)		Beyond 3m upto 12m depth	Metre	28101.60	28101.60	28101.60	25106.50	25106.50	25106.50	28101.60	28101.60	28101.60	25106.50	25106.50	25106.50
	(iii)		Beyond 10m upto 20m <i>Add 5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i>													
	(iv)		Beyond 20m upto 30 m <i>Add 7.5% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 25% of cost for Kentledge including supports, loading arrangement and labour</i>													

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
		(v)	Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.19 (A) or (B) irrespective of depth for sinking in Soft Rock	Metre	56167.50	56167.50	56167.50	50404.40	50404.40	50404.40	56167.50	56167.50	56167.50	50404.40	50404.40	50404.40
	D		Extra over item no. 12.19 (A) or (B) irrespective of depth for sinking in Hard Rock	Metre	183578.80	183578.80	183578.80	173204.80	173204.80	173204.80	177227.10	177227.10	177227.10	166853.00	166853.00	166853.00
	E		Extra over item no. 12.19 (A) or (B) irrespective of depth for sinking in rock bouldery strata	Metre	70956.80	70956.80	70956.80	65784.40	65784.40	65784.40	70956.80	70956.80	70956.80	65784.40	65784.40	65784.40
B 12.20			Pneumatic sinking of wells with equipment of approved design, drawing and specifications worked by competent and trained personnel and comprising of compression and decompression chambers, reducers, two air locks separately for men and plant & materials, arrangement for supply of fresh air to working chambers, check valves, exhaust valves, shafts made from steel plates of riveted construction not less than 6 mm thick to withstand an air pressure of 0.50 MPa, controlled blasting of hard rock where required, staircases and 1 m wide landing platforms with railing, arrangement for compression and decompression, electric lighting of 50 V maximum, proper rooms for rest and medical examinations and compliance with safety precautions as per IS:4138, all as per clause1208.8 of MoRTH Specifications.	Cum	331813.10	331813.10	331813.10	324113.00	324113.00	324113.00	315566.80	315566.80	315566.80	307866.70	307866.70	307866.70
B 12.21			Sand Filling in Wells complete as per Drawing and Technical Specifications.	Cum	3506.00	3506.00	3506.00	233.60	233.60	233.60	2479.20	2479.20	2479.20	233.60	233.60	233.60
B 12.22			Providing Steel Liner 10 mm thick for Curbs and 6 mm thick for Steining of Wells including Fabricating and Setting out as per Detailed Drawing.	MT	132262.80	132262.80	132262.80	126234.00	126234.00	126234.00	131351.30	131351.30	131351.30	125322.40	125322.40	125322.40
B 12.23			Bored cast-in-situ M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and Technical Specifications and removal of excavated earth with all lifts and lead upto 1000 m.													
			Pile diameter-750 mm	Metre	9897.10	9720.90	9677.90	9732.80	9617.40	9586.10	9507.30	9331.20	9288.00	9343.00	9227.60	9196.20
B 12.24			Bored cast-in-situ M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and Technical Specifications and removal of excavated earth with all lifts and lead upto 1000 m.													
			Pile diameter-1000 mm	Metre	15337.00	15023.90	14943.40	15108.70	14903.60	14844.00	14644.00	14330.90	14250.50	14415.70	14210.70	14151.10

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
		(v)	Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.19 (A) or (B) irrespective of depth for sinking in Soft Rock	Metre	56167.50	56167.50	56167.50	50404.40	50404.40	50404.40	56167.50	56167.50	56167.50	50404.40	50404.40	50404.40
	D		Extra over item no. 12.19 (A) or (B) irrespective of depth for sinking in Hard Rock	Metre	183578.80	183578.80	183578.80	173204.80	173204.80	173204.80	189930.60	189930.60	189930.60	179556.50	179556.50	179556.50
	E		Extra over item no. 12.19 (A) or (B) irrespective of depth for sinking in rock bouldery strata	Metre	70956.80	70956.80	70956.80	65784.40	65784.40	65784.40	70956.80	70956.80	70956.80	65784.40	65784.40	65784.40
B 12.20			Pneumatic sinking of wells with equipment of approved design, drawing and specifications worked by competent and trained personnel and comprising of compression and decompression chambers, reducers, two air locks separately for men and plant & materials, arrangement for supply of fresh air to working chambers, check valves, exhaust valves, shafts made from steel plates of riveted construction not less than 6 mm thick to withstand an air pressure of 0.50 MPa, controlled blasting of hard rock where required, staircases and 1 m wide landing platforms with railing, arrangement for compression and decompression, electric lighting of 50 V maximum, proper rooms for rest and medical examinations and compliance with safety precautions as per IS:4138, all as per clause1208.8 of MoRTH Specifications.	Cum	331813.10	331813.10	331813.10	324113.00	324113.00	324113.00	374960.90	374960.90	374960.90	367260.80	367260.80	367260.80
B 12.21			Sand Filling in Wells complete as per Drawing and Technical Specifications.	Cum	3506.00	3506.00	3506.00	233.60	233.60	233.60	5828.10	5828.10	5828.10	233.60	233.60	233.60
B 12.22			Providing Steel Liner 10 mm thick for Curbs and 6 mm thick for Steining of Wells including Fabricating and Setting out as per Detailed Drawing.	MT	132262.80	132262.80	132262.80	126234.00	126234.00	126234.00	134464.50	134464.50	134464.50	128435.70	128435.70	128435.70
B 12.23			Bored cast-in-situ M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and Technical Specifications and removal of excavated earth with all lifts and lead upto 1000 m.													
			Pile diameter-750 mm	Metre	9897.10	9720.90	9677.90	9732.80	9617.40	9586.10	10799.70	10623.60	10580.90	10635.50	10520.10	10489.10
B 12.24			Bored cast-in-situ M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and Technical Specifications and removal of excavated earth with all lifts and lead upto 1000 m.													
			Pile diameter-1000 mm	Metre	15337.00	15023.90	14943.40	15108.70	14903.60	14844.00	16941.70	16628.60	16548.20	16713.50	16508.40	16448.80

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
		(v)	Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.19 (A) or (B) irrespective of depth for sinking in Soft Rock	Metre	56167.50	56167.50	56167.50	50404.40	50404.40	50404.40	56167.50	56167.50	56167.50	50404.40	50404.40	50404.40
	D		Extra over item no. 12.19 (A) or (B) irrespective of depth for sinking in Hard Rock	Metre	201726.70	201726.70	201726.70	191352.60	191352.60	191352.60	199004.50	199004.50	199004.50	188630.40	188630.40	188630.40
	E		Extra over item no. 12.19 (A) or (B) irrespective of depth for sinking in rock bouldery strata	Metre	70956.80	70956.80	70956.80	65784.40	65784.40	65784.40	70956.80	70956.80	70956.80	65784.40	65784.40	65784.40
B 12.20			Pneumatic sinking of wells with equipment of approved design, drawing and specifications worked by competent and trained personnel and comprising of compression and decompression chambers, reducers, two air locks separately for men and plant & materials, arrangement for supply of fresh air to working chambers, check valves, exhaust valves, shafts made from steel plates of riveted construction not less than 6 mm thick to withstand an air pressure of 0.50 MPa, controlled blasting of hard rock where required, staircases and 1 m wide landing platforms with railing, arrangement for compression and decompression, electric lighting of 50 V maximum, proper rooms for rest and medical examinations and compliance with safety precautions as per IS:4138, all as per clause1208.8 of MoRTH Specifications.	Cum	411860.30	411860.30	411860.30	404160.20	404160.20	404160.20	403345.00	403345.00	403345.00	395644.90	395644.90	395644.90
B 12.21			Sand Filling in Wells complete as per Drawing and Technical Specifications.	Cum	7951.80	7951.80	7951.80	233.60	233.60	233.60	7461.70	7461.70	7461.70	233.60	233.60	233.60
B 12.22			Providing Steel Liner 10 mm thick for Curbs and 6 mm thick for Steining of Wells including Fabricating and Setting out as per Detailed Drawing.	MT	136304.20	136304.20	136304.20	130275.30	130275.30	130275.30	135879.70	135879.70	135879.70	129850.80	129850.80	129850.80
B 12.23			Bored cast-in-situ M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and Technical Specifications and removal of excavated earth with all lifts and lead upto 1000 m.													
			Pile diameter-750 mm	Metre	11652.20	11476.00	11433.60	11487.90	11372.50	11341.80	11455.50	11279.30	11236.80	11291.20	11175.80	11145.00
B 12.24			Bored cast-in-situ M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and Technical Specifications and removal of excavated earth with all lifts and lead upto 1000 m.													
			Pile diameter-1000 mm	Metre	18457.20	18144.10	18063.60	18228.90	18023.80	17964.20	18107.40	17794.30	17713.90	17879.20	17674.10	17614.50

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
		(v)	Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.19 (A) or (B) irrespective of depth for sinking in Soft Rock	Metre	56167.50	56167.50	56167.50	50404.40	50404.40	50404.40	56167.50	56167.50	56167.50	50404.40	50404.40	50404.40
	D		Extra over item no. 12.19 (A) or (B) irrespective of depth for sinking in Hard Rock	Metre	185393.60	185393.60	185393.60	175019.50	175019.50	175019.50	202634.10	202634.10	202634.10	192260.00	192260.00	192260.00
	E		Extra over item no. 12.19 (A) or (B) irrespective of depth for sinking in rock bouldery strata	Metre	70956.80	70956.80	70956.80	65784.40	65784.40	65784.40	70956.80	70956.80	70956.80	65784.40	65784.40	65784.40
B 12.20			Pneumatic sinking of wells with equipment of approved design, drawing and specifications worked by competent and trained personnel and comprising of compression and decompression chambers, reducers, two air locks separately for men and plant & materials, arrangement for supply of fresh air to working chambers, check valves, exhaust valves, shafts made from steel plates of riveted construction not less than 6 mm thick to withstand an air pressure of 0.50 MPa, controlled blasting of hard rock where required, staircases and 1 m wide landing platforms with railing, arrangement for compression and decompression, electric lighting of 50 V maximum, proper rooms for rest and medical examinations and compliance with safety precautions as per IS:4138, all as per clause1208.8 of MoRTH Specifications.	Cum	343951.50	343951.50	343951.50	336251.40	336251.40	336251.40	425910.20	425910.20	425910.20	418210.10	418210.10	418210.10
B 12.21			Sand Filling in Wells complete as per Drawing and Technical Specifications.	Cum	4031.10	4031.10	4031.10	233.60	233.60	233.60	8768.60	8768.60	8768.60	233.60	233.60	233.60
B 12.22			Providing Steel Liner 10 mm thick for Curbs and 6 mm thick for Steining of Wells including Fabricating and Setting out as per Detailed Drawing.	MT	132907.90	132907.90	132907.90	126879.10	126879.10	126879.10	137011.70	137011.70	137011.70	130982.90	130982.90	130982.90
B 12.23			Bored cast-in-situ M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and Technical Specifications and removal of excavated earth with all lifts and lead upto 1000 m.													
			Pile diameter-750 mm	Metre	10151.30	9975.20	9932.30	9987.00	9871.70	9840.50	11931.40	11755.30	11713.00	11767.20	11651.80	11621.20
B 12.24			Bored cast-in-situ M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and Technical Specifications and removal of excavated earth with all lifts and lead upto 1000 m.													
			Pile diameter-1000 mm	Metre	15789.00	15475.90	15395.40	15560.70	15355.60	15296.10	18953.70	18640.60	18560.10	18725.40	18520.30	18460.70

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
		(v)	Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.19 (A) or (B) irrespective of depth for sinking in Soft Rock	Metre	56167.50	56167.50	56167.50	50404.40	50404.40	50404.40	56167.50	56167.50	56167.50	50404.40	50404.40	50404.40
	D		Extra over item no. 12.19 (A) or (B) irrespective of depth for sinking in Hard Rock	Metre	186301.00	186301.00	186301.00	175926.90	175926.90	175926.90	194467.50	194467.50	194467.50	184093.50	184093.50	184093.50
	E		Extra over item no. 12.19 (A) or (B) irrespective of depth for sinking in rock bouldery strata	Metre	70956.80	70956.80	70956.80	65784.40	65784.40	65784.40	70956.80	70956.80	70956.80	65784.40	65784.40	65784.40
B 12.20			Pneumatic sinking of wells with equipment of approved design, drawing and specifications worked by competent and trained personnel and comprising of compression and decompression chambers, reducers, two air locks separately for men and plant & materials, arrangement for supply of fresh air to working chambers, check valves, exhaust valves, shafts made from steel plates of riveted construction not less than 6 mm thick to withstand an air pressure of 0.50 MPa, controlled blasting of hard rock where required, staircases and 1 m wide landing platforms with railing, arrangement for compression and decompression, electric lighting of 50 V maximum, proper rooms for rest and medical examinations and compliance with safety precautions as per IS:4138, all as per clause1208.8 of MoRTH Specifications.	Cum	360804.30	360804.30	360804.30	353104.20	353104.20	353104.20	375138.50	375138.50	375138.50	367438.40	367438.40	367438.40
B 12.21			Sand Filling in Wells complete as per Drawing and Technical Specifications.	Cum	5011.30	5011.30	5011.30	233.60	233.60	233.60	5828.10	5828.10	5828.10	233.60	233.60	233.60
B 12.22			Providing Steel Liner 10 mm thick for Curbs and 6 mm thick for Steining of Wells including Fabricating and Setting out as per Detailed Drawing.	MT	133757.00	133757.00	133757.00	127728.10	127728.10	127728.10	134464.50	134464.50	134464.50	128435.70	128435.70	128435.70
B 12.23			Bored cast-in-situ M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and Technical Specifications and removal of excavated earth with all lifts and lead upto 1000 m.													
			Pile diameter-750 mm	Metre	10484.00	10307.90	10265.10	10319.80	10204.40	10173.30	10860.50	10684.30	10641.70	10696.20	10580.80	10549.80
B 12.24			Bored cast-in-situ M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and Technical Specifications and removal of excavated earth with all lifts and lead upto 1000 m.													
			Pile diameter-1000 mm	Metre	16380.50	16067.40	15986.90	16152.20	15947.10	15887.50	17049.70	16736.60	16656.10	16821.40	16616.30	16556.80

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
		(v)	Beyond 30m upto 40 m <i>Add 10% for every additional meter depth of sinking over the rate of sinking for the previous meter</i> <i>Add 5% of cost for dewatering, if required</i> <i>Add 20% of cost for Kentledge including supports, loading arrangement and labour</i>													
	C		Extra over item no. 12.19 (A) or (B) irrespective of depth for sinking in Soft Rock	Metre	56167.50	56167.50	56167.50	50404.40	50404.40	50404.40	56167.50	56167.50	56167.50	50404.40	50404.40	50404.40
	D		Extra over item no. 12.19 (A) or (B) irrespective of depth for sinking in Hard Rock	Metre	211708.00	211708.00	211708.00	201333.90	201333.90	201333.90	206263.70	206263.70	206263.70	195889.60	195889.60	195889.60
	E		Extra over item no. 12.19 (A) or (B) irrespective of depth for sinking in rock bouldery strata	Metre	70956.80	70956.80	70956.80	65784.40	65784.40	65784.40	70956.80	70956.80	70956.80	65784.40	65784.40	65784.40
B 12.20			Pneumatic sinking of wells with equipment of approved design, drawing and specifications worked by competent and trained personnel and comprising of compression and decompression chambers, reducers, two air locks separately for men and plant & materials, arrangement for supply of fresh air to working chambers, check valves, exhaust valves, shafts made from steel plates of riveted construction not less than 6 mm thick to withstand an air pressure of 0.50 MPa, controlled blasting of hard rock where required, staircases and 1 m wide landing platforms with railing, arrangement for compression and decompression, electric lighting of 50 V maximum, proper rooms for rest and medical examinations and compliance with safety precautions as per IS:4138, all as per clause1208.8 of MoRTH Specifications.	Cum	501943.50	501943.50	501943.50	494243.40	494243.40	494243.40	459687.00	459687.00	459687.00	451986.90	451986.90	451986.90
B 12.21			Sand Filling in Wells complete as per Drawing and Technical Specifications.	Cum	13179.30	13179.30	13179.30	233.60	233.60	233.60	10728.90	10728.90	10728.90	233.60	233.60	233.60
B 12.22			Providing Steel Liner 10 mm thick for Curbs and 6 mm thick for Steining of Wells including Fabricating and Setting out as per Detailed Drawing.	MT	140832.60	140832.60	140832.60	134803.70	134803.70	134803.70	138709.90	138709.90	138709.90	132681.00	132681.00	132681.00
B 12.23			Bored cast-in-situ M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and Technical Specifications and removal of excavated earth with all lifts and lead upto 1000 m.													
			Pile diameter-750 mm	Metre	13495.40	13319.30	13277.50	13331.10	13215.70	13185.70	12621.10	12445.00	12402.90	12456.90	12341.50	12311.10
B 12.24			Bored cast-in-situ M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and Technical Specifications and removal of excavated earth with all lifts and lead upto 1000 m.													
			Pile diameter-1000 mm	Metre	21734.10	21421.00	21340.50	21505.80	21300.70	21241.20	20179.80	19866.70	19786.30	19951.50	19746.50	19686.90

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.25			Bored cast-in-situ M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and Technical Specifications and removal of excavated earth with all lifts and lead upto 1000 m.													
			Pile diameter-1200 mm	Metre	20052.80	19601.90	19486.20	19688.10	19392.80	19307.00	19055.00	18604.10	18488.40	18690.30	18395.00	18309.20
B 12.26			Bored cast-in-situ M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and Technical Specifications and removal of excavated earth with all lifts and lead upto 1000 m.Pile diameter													
			Pile diameter-1500 mm	Metre	30413.50	29708.90	29528.00	29899.80	29438.30	29304.30	28854.30	28149.70	27968.90	28340.60	27879.20	27745.10
B 12.27			Driven cast-in-place vertical M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile diameter - 750 mm	Metre	6959.20	6873.30	6852.20	6844.70	6802.80	6789.70	6606.20	6520.40	6499.20	6491.80	6449.90	6436.70
B 12.28			Driven cast-in-place vertical M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile diameter - 1000 mm	Metre	11642.50	11490.00	11452.40	11439.10	11364.60	11341.30	11039.70	10887.10	10849.50	10836.30	10761.70	10738.40
B 12.29			Driven cast-in-place vertical M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile diameter - 1200 mm	Metre	16886.70	16667.00	16612.90	16611.20	16503.90	16470.30	16014.00	15794.30	15740.20	15738.50	15631.20	15597.60
B 12.30			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile Diameter = 500 mm	Metre	3484.50	3423.20	3413.80	3428.80	3387.50	3381.60	3301.20	3241.20	3231.80	3245.50	3205.40	3199.60
B 12.31			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile Diameter = 750 mm	Metre	6448.50	6310.60	6289.50	6331.60	6238.60	6225.50	6104.80	5969.90	5948.80	5987.90	5897.90	5884.80
B 12.32			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile Diameter = 1000 mm	Metre	11285.00	11039.90	11002.30	11081.70	10916.40	10893.00	10694.80	10455.00	10417.40	10491.50	10331.50	10308.10
B 12.33			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Size of pile - 300 mm x 300 mm	Metre	2257.60	2229.50	2225.20	2225.10	2206.10	2203.40	2146.60	2119.10	2114.80	2114.10	2095.70	2093.00
B 12.34			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Size of pile - 500 mm x 500 mm	Metre	4095.50	4017.40	4005.50	4020.30	3967.70	3960.20	3883.90	3807.50	3795.60	3808.70	3757.80	3750.30

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.25			Bored cast-in-situ M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and Technical Specifications and removal of excavated earth with all lifts and lead upto 1000 m.													
			Pile diameter-1200 mm	Metre	20052.80	19601.90	19486.20	19688.10	19392.80	19307.00	22363.70	21912.80	21797.10	21999.00	21703.70	21617.90
B 12.26			Bored cast-in-situ M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and Technical Specifications and removal of excavated earth with all lifts and lead upto 1000 m.Pile diameter													
			Pile diameter-1500 mm	Metre	30413.50	29708.90	29528.00	29899.80	29438.30	29304.30	34024.30	33319.70	33138.80	33510.60	33049.10	32915.10
B 12.27			Driven cast-in-place vertical M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile diameter - 750 mm	Metre	6959.20	6873.30	6852.20	6844.70	6802.80	6789.70	7805.00	7719.20	7698.10	7690.60	7648.70	7635.60
B 12.28			Driven cast-in-place vertical M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile diameter - 1000 mm	Metre	11642.50	11490.00	11452.40	11439.10	11364.60	11341.30	13121.80	12969.20	12931.60	12918.30	12843.80	12820.50
B 12.29			Driven cast-in-place vertical M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile diameter - 1200 mm	Metre	16886.70	16667.00	16612.90	16611.20	16503.90	16470.30	19021.40	18801.70	18747.60	18745.90	18638.60	18605.00
B 12.30			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile Diameter = 500 mm	Metre	3484.50	3423.20	3413.80	3428.80	3387.50	3381.60	3889.20	3824.40	3815.00	3833.50	3788.60	3782.80
B 12.31			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile Diameter = 750 mm	Metre	6448.50	6310.60	6289.50	6331.60	6238.60	6225.50	7290.00	7144.20	7123.10	7173.10	7072.20	7059.10
B 12.32			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile Diameter = 1000 mm	Metre	11285.00	11039.90	11002.30	11081.70	10916.40	10893.00	12760.20	12501.10	12463.60	12557.00	12377.60	12354.30
B 12.33			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Size of pile - 300 mm x 300 mm	Metre	2257.60	2229.50	2225.20	2225.10	2206.10	2203.40	2470.10	2440.40	2436.10	2437.50	2417.00	2414.30
B 12.34			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Size of pile - 500 mm x 500 mm	Metre	4095.50	4017.40	4005.50	4020.30	3967.70	3960.20	4589.00	4506.40	4494.50	4513.80	4456.70	4449.20

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.25			Bored cast-in-situ M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and Technical Specifications and removal of excavated earth with all lifts and lead upto 1000 m.													
			Pile diameter-1200 mm	Metre	24545.90	24095.00	23979.30	24181.20	23885.90	23800.10	24042.30	23591.50	23475.70	23677.70	23382.30	23296.50
B 12.26			Bored cast-in-situ M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and Technical Specifications and removal of excavated earth with all lifts and lead upto 1000 m.Pile diameter													
			Pile diameter-1500 mm	Metre	37434.00	36729.40	36548.60	36920.30	36458.90	36324.80	36647.20	35942.60	35761.70	36133.50	35672.00	35538.00
B 12.27			Driven cast-in-place vertical M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile diameter - 750 mm	Metre	8584.10	8498.30	8477.10	8469.70	8427.80	8414.60	8404.30	8318.50	8297.30	8289.90	8248.00	8234.80
B 12.28			Driven cast-in-place vertical M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile diameter - 1000 mm	Metre	14461.00	14308.50	14270.90	14257.60	14183.10	14159.80	14152.00	13999.40	13961.80	13948.60	13874.10	13850.70
B 12.29			Driven cast-in-place vertical M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile diameter - 1200 mm	Metre	20958.40	20738.60	20684.60	20682.80	20575.50	20541.90	20511.40	20291.60	20237.60	20235.90	20128.60	20094.90
B 12.30			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile Diameter = 500 mm	Metre	4285.20	4217.30	4208.00	4229.50	4181.60	4175.70	4193.80	4126.70	4117.30	4138.10	4090.90	4085.10
B 12.31			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile Diameter = 750 mm	Metre	8053.00	7900.40	7879.30	7936.10	7828.50	7815.30	7876.90	7725.90	7704.80	7760.00	7653.90	7640.80
B 12.32			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile Diameter = 1000 mm	Metre	14078.10	13807.00	13769.40	13874.90	13683.50	13660.10	13774.00	13505.60	13468.10	13570.70	13382.10	13358.80
B 12.33			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Size of pile - 300 mm x 300 mm	Metre	2701.70	2670.60	2666.30	2669.10	2647.20	2644.50	2648.20	2617.50	2613.20	2615.70	2594.00	2591.40
B 12.34			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Size of pile - 500 mm x 500 mm	Metre	5052.60	4966.20	4954.20	4977.40	4916.40	4909.00	4945.60	4860.10	4848.10	4870.40	4810.30	4802.90

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.25			Bored cast-in-situ M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and Technical Specifications and removal of excavated earth with all lifts and lead upto 1000 m.													
			Pile diameter-1200 mm	Metre	20703.70	20252.80	20137.10	20339.00	20043.70	19957.90	25260.90	24810.00	24694.30	24896.20	24600.90	24515.10
B 12.26			Bored cast-in-situ M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and Technical Specifications and removal of excavated earth with all lifts and lead upto 1000 m.Pile diameter													
			Pile diameter-1500 mm	Metre	31430.50	30725.90	30545.00	30916.80	30455.30	30321.30	38551.20	37846.60	37665.70	38037.50	37576.00	37442.00
B 12.27			Driven cast-in-place vertical M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile diameter - 750 mm	Metre	7197.30	7111.50	7090.40	7082.90	7041.00	7027.90	8849.40	8763.50	8742.40	8735.00	8693.00	8679.90
B 12.28			Driven cast-in-place vertical M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile diameter - 1000 mm	Metre	12058.90	11906.40	11868.80	11855.50	11781.00	11757.70	14929.20	14776.60	14739.10	14725.80	14651.30	14627.90
B 12.29			Driven cast-in-place vertical M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile diameter - 1200 mm	Metre	17487.60	17267.90	17213.80	17212.10	17104.80	17071.20	21633.20	21413.50	21359.40	21357.70	21250.40	21216.80
B 12.30			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile Diameter = 500 mm	Metre	3598.60	3536.30	3526.90	3542.80	3500.50	3494.70	4407.90	4338.90	4329.50	4352.10	4303.10	4297.30
B 12.31			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile Diameter = 750 mm	Metre	6685.30	6545.30	6524.10	6568.50	6473.30	6460.10	8319.10	8164.00	8142.90	8202.30	8092.00	8078.90
B 12.32			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile Diameter = 1000 mm	Metre	11700.20	11451.10	11413.60	11496.90	11327.60	11304.30	14548.30	14272.60	14235.00	14345.00	14149.10	14125.70
B 12.33			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Size of pile - 300 mm x 300 mm	Metre	2317.60	2289.10	2284.80	2285.00	2265.60	2263.00	2761.80	2730.10	2725.80	2729.20	2706.70	2704.00
B 12.34			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Size of pile - 500 mm x 500 mm	Metre	4234.50	4155.20	4143.20	4159.30	4105.40	4098.00	5205.70	5117.90	5105.90	5130.50	5068.10	5060.70

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.25			Bored cast-in-situ M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and Technical Specifications and removal of excavated earth with all lifts and lead upto 1000 m.													
			Pile diameter-1200 mm	Metre	21555.40	21104.60	20988.80	21190.80	20895.50	20809.60	22519.10	22068.30	21952.50	22154.50	21859.10	21773.30
B 12.26			Bored cast-in-situ M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and Technical Specifications and removal of excavated earth with all lifts and lead upto 1000 m.Pile diameter													
			Pile diameter-1500 mm	Metre	32761.40	32056.80	31875.90	32247.70	31786.20	31652.20	34267.10	33562.50	33381.70	33753.40	33292.00	33157.90
B 12.27			Driven cast-in-place vertical M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile diameter - 750 mm	Metre	7514.00	7428.10	7407.00	7399.50	7357.60	7344.50	7847.90	7762.10	7741.00	7733.50	7691.60	7678.50
B 12.28			Driven cast-in-place vertical M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile diameter - 1000 mm	Metre	12618.40	12465.80	12428.20	12415.00	12340.50	12317.10	13180.40	13027.90	12990.30	12977.00	12902.50	12879.20
B 12.29			Driven cast-in-place vertical M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile diameter - 1200 mm	Metre	18293.90	18074.20	18020.10	18018.40	17911.10	17877.50	19109.10	18889.30	18835.30	18833.50	18726.20	18692.60
B 12.30			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile Diameter = 500 mm	Metre	3744.30	3680.70	3671.30	3688.60	3644.90	3639.10	3926.20	3861.40	3852.00	3870.50	3825.60	3819.80
B 12.31			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile Diameter = 750 mm	Metre	7003.40	6860.20	6839.10	6886.50	6788.20	6775.10	7324.10	7178.30	7157.20	7207.30	7106.30	7093.20
B 12.32			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile Diameter = 1000 mm	Metre	12262.50	12008.00	11970.50	12059.30	11884.50	11861.20	12806.10	12546.90	12509.40	12602.90	12423.40	12400.10
B 12.33			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Size of pile - 300 mm x 300 mm	Metre	2388.30	2359.10	2354.80	2355.70	2335.70	2333.00	2506.30	2476.60	2472.30	2473.70	2453.20	2450.50
B 12.34			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Size of pile - 500 mm x 500 mm	Metre	4416.90	4335.90	4323.90	4341.80	4286.10	4278.70	4620.50	4537.90	4525.90	4545.30	4488.10	4480.70

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.25			Bored cast-in-situ M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and Technical Specifications and removal of excavated earth with all lifts and lead upto 1000 m.													
			Pile diameter-1200 mm	Metre	29264.70	28813.90	28698.10	28900.10	28604.70	28518.90	27026.50	26575.70	26459.90	26661.90	26366.60	26280.70
B 12.26			Bored cast-in-situ M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and Technical Specifications and removal of excavated earth with all lifts and lead upto 1000 m.Pile diameter													
			Pile diameter-1500 mm	Metre	44807.30	44102.70	43921.80	44293.60	43832.10	43698.10	41310.10	40605.50	40424.60	40796.40	40334.90	40200.90
B 12.27			Driven cast-in-place vertical M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile diameter - 750 mm	Metre	10321.40	10235.60	10214.50	10207.00	10165.10	10152.00	9499.80	9414.00	9392.90	9385.40	9343.50	9330.40
B 12.28			Driven cast-in-place vertical M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile diameter - 1000 mm	Metre	17511.30	17358.70	17321.10	17307.90	17233.40	17210.00	16071.60	15919.00	15881.40	15868.20	15793.70	15770.30
B 12.29			Driven cast-in-place vertical M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile diameter - 1200 mm	Metre	25358.10	25138.30	25084.30	25082.60	24975.30	24941.70	23280.90	23061.20	23007.10	23005.40	22898.10	22864.50
B 12.30			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile Diameter = 500 mm	Metre	5104.40	5029.30	5019.90	5048.70	4993.50	4987.70	4714.20	4642.50	4633.10	4658.50	4606.70	4600.90
B 12.31			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile Diameter = 750 mm	Metre	9787.80	9618.70	9597.60	9670.90	9546.70	9533.60	8968.80	8807.50	8786.40	8852.00	8735.50	8722.40
B 12.32			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Pile Diameter = 1000 mm	Metre	17129.50	16829.00	16791.40	16926.20	16705.50	16682.10	15691.40	15404.70	15367.10	15488.10	15281.20	15257.80
B 12.33			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Size of pile - 300 mm x 300 mm	Metre	3119.60	3085.10	3080.80	3087.00	3061.70	3059.00	2917.60	2884.70	2880.40	2885.00	2861.30	2858.60
B 12.34			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Size of pile - 500 mm x 500 mm	Metre	6061.50	5965.80	5953.80	5986.30	5916.00	5908.60	5583.20	5491.90	5479.90	5508.00	5442.10	5434.70

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.35			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Size of pile - 750 mm x 750 mm	Metre	8094.90	7919.30	7892.40	7956.30	7837.90	7821.20	7660.30	7488.50	7461.60	7521.80	7407.10	7390.40
B 12.36			Driven Vertical Steel Piles complete as per Drawing and & Technical Specification													
			Section of the pile - H Section steel column 400 x 250 mm (ISHB Series)	Metre	8588.10	8588.10	8588.10	8577.10	8577.10	8577.10	8512.90	8512.90	8512.90	8501.80	8501.80	8501.80
B 12.37			Driven Vertical Steel Piles complete as per Drawing and & Technical Specification													
			Section of the pile - H Section steel column 450 x 250 mm (ISHB Series)	Metre	9291.60	9291.60	9291.60	9276.60	9276.60	9276.60	9206.80	9206.80	9206.80	9191.80	9191.80	9191.80
B 12.38			Pile Load Test on single Vertical Pile in accordance with IS:2911 (Part-IV) <i>To be taken as per prevailing Market Rate</i>													
B 12.39			Dismantling of Reinforced Concrete Pile head complete as per Drawing and Technical Specification	Cum	1414.20	1414.60	1368.10	1188.20	1188.60	1142.10	1414.20	1414.60	1368.10	1188.20	1188.60	1142.10
B 12.40			Cement Concrete for Reinforced Concrete in Pile Cap complete as per Drawing and Technical Specification													
	A		RCC Grade M20													
	Case I		using batching plant & Concrete pump	Cum	10315.20	10315.20	10315.20	10261.60	10261.60	10261.60	9697.40	9697.40	9697.40	9643.90	9643.90	9643.90
	Case II		using batching plant & manual placing	Cum	10382.00	10382.00	10382.00	10318.90	10318.90	10318.90	9764.20	9764.20	9764.20	9701.20	9701.20	9701.20
	B		RCC Grade M25													
	Case I		using batching plant & Concrete pump	Cum	10998.90	10998.90	10998.90	10958.30	10958.30	10958.30	10343.60	10343.60	10343.60	10303.00	10303.00	10303.00
	Case II		using batching plant & manual placing	Cum	11078.70	11078.70	11078.70	11015.70	11015.70	11015.70	10423.40	10423.40	10423.40	10360.40	10360.40	10360.40
	C		RCC Grade M30													
	Case I		using batching plant & Concrete pump	Cum	11072.80	11072.80	11072.80	11019.30	11019.30	11019.30	10414.10	10414.10	10414.10	10360.50	10360.50	10360.50
	Case II		using batching plant & manual placing	Cum	11139.60	11139.60	11139.60	11076.60	11076.60	11076.60	10480.90	10480.90	10480.90	10417.80	10417.80	10417.80
	D		RCC Grade M35													
	Case I		using batching plant & Concrete pump	Cum	11275.40	11275.40	11275.40	11221.90	11221.90	11221.90	10605.60	10605.60	10605.60	10552.00	10552.00	10552.00
	Case II		using batching plant & manual placing	Cum	11342.20	11342.20	11342.20	11279.20	11279.20	11279.20	10672.40	10672.40	10672.40	10609.40	10609.40	10609.40
	E		RCC Grade M40													
	Case I		using batching plant & Concrete pump	Cum	11453.40	11453.40	11453.40	11399.80	11399.80	11399.80	10773.10	10773.10	10773.10	10719.50	10719.50	10719.50
	Case II		using batching plant & manual placing	Cum	11520.20	11520.20	11520.20	11457.20	11457.20	11457.20	10839.90	10839.90	10839.90	10776.80	10776.80	10776.80
	F		RCC Grade M45													
	Case I		using batching plant & Concrete pump	Cum	11494.60	11494.60	11494.60	11441.00	11441.00	11441.00	10811.60	10811.60	10811.60	10758.00	10758.00	10758.00
	Case II		using batching plant & manual placing	Cum	11561.40	11561.40	11561.40	11498.40	11498.40	11498.40	10878.40	10878.40	10878.40	10815.30	10815.30	10815.30
B 12.41			Levelling course for pile cap													
			Providing and laying of PCC M15 levelling course 100 mm thick below the pile cap													
	Case I		using batching plant & Concrete pump	Cum	9219.80	9041.40	8995.40	9021.20	8929.90	8901.30	8665.60	8487.30	8441.30	8467.00	8375.80	8347.20
	Case II		using batching plant & manual placing	Cum	9770.00	9621.80	9575.20	9441.70	9350.50	9322.40	9215.90	9067.60	9021.00	8887.50	8796.30	8768.30

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.35			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Size of pile - 750 mm x 750 mm	Metre	8094.90	7919.30	7892.40	7956.30	7837.90	7821.20	9163.70	8978.00	8951.10	9025.10	8896.60	8879.90
B 12.36			Driven Vertical Steel Piles complete as per Drawing and & Technical Specification													
			Section of the pile - H Section steel column 400 x 250 mm (ISHB Series)	Metre	8588.10	8588.10	8588.10	8577.10	8577.10	8577.10	8770.00	8770.00	8770.00	8758.90	8758.90	8758.90
B 12.37			Driven Vertical Steel Piles complete as per Drawing and & Technical Specification													
			Section of the pile - H Section steel column 450 x 250 mm (ISHB Series)	Metre	9291.60	9291.60	9291.60	9276.60	9276.60	9276.60	9496.40	9496.40	9496.40	9481.30	9481.30	9481.30
B 12.38			Pile Load Test on single Vertical Pile in accordance with IS:2911 (Part-IV) <i>To be taken as per prevailing Market Rate</i>													
B 12.39			Dismantling of Reinforced Concrete Pile head complete as per Drawing and Technical Specification	Cum	1414.20	1414.60	1368.10	1188.20	1188.60	1142.10	1414.20	1414.60	1368.10	1188.20	1188.60	1142.10
B 12.40			Cement Concrete for Reinforced Concrete in Pile Cap complete as per Drawing and Technical Specification													
	A		RCC Grade M20													
	Case I		using batching plant & Concrete pump	Cum	10315.20	10315.20	10315.20	10261.60	10261.60	10261.60	11940.80	11940.80	11940.80	11887.30	11887.30	11887.30
	Case II		using batching plant & manual placing	Cum	10382.00	10382.00	10382.00	10318.90	10318.90	10318.90	12007.60	12007.60	12007.60	11944.60	11944.60	11944.60
	B		RCC Grade M25													
	Case I		using batching plant & Concrete pump	Cum	10998.90	10998.90	10998.90	10958.30	10958.30	10958.30	12743.20	12743.20	12743.20	12702.70	12702.70	12702.70
	Case II		using batching plant & manual placing	Cum	11078.70	11078.70	11078.70	11015.70	11015.70	11015.70	12823.00	12823.00	12823.00	12760.00	12760.00	12760.00
	C		RCC Grade M30													
	Case I		using batching plant & Concrete pump	Cum	11072.80	11072.80	11072.80	11019.30	11019.30	11019.30	12825.70	12825.70	12825.70	12772.20	12772.20	12772.20
	Case II		using batching plant & manual placing	Cum	11139.60	11139.60	11139.60	11076.60	11076.60	11076.60	12892.50	12892.50	12892.50	12829.50	12829.50	12829.50
	D		RCC Grade M35													
	Case I		using batching plant & Concrete pump	Cum	11275.40	11275.40	11275.40	11221.90	11221.90	11221.90	13061.60	13061.60	13061.60	13008.10	13008.10	13008.10
	Case II		using batching plant & manual placing	Cum	11342.20	11342.20	11342.20	11279.20	11279.20	11279.20	13128.40	13128.40	13128.40	13065.40	13065.40	13065.40
	E		RCC Grade M40													
	Case I		using batching plant & Concrete pump	Cum	11453.40	11453.40	11453.40	11399.80	11399.80	11399.80	13261.70	13261.70	13261.70	13208.10	13208.10	13208.10
	Case II		using batching plant & manual placing	Cum	11520.20	11520.20	11520.20	11457.20	11457.20	11457.20	13328.50	13328.50	13328.50	13265.40	13265.40	13265.40
	F		RCC Grade M45													
	Case I		using batching plant & Concrete pump	Cum	11494.60	11494.60	11494.60	11441.00	11441.00	11441.00	13305.60	13305.60	13305.60	13252.00	13252.00	13252.00
	Case II		using batching plant & manual placing	Cum	11561.40	11561.40	11561.40	11498.40	11498.40	11498.40	13372.40	13372.40	13372.40	13309.30	13309.30	13309.30
B 12.41			Levelling course for pile cap													
			Providing and laying of PCC M15 levelling course 100 mm thick below the pile cap													
	Case I		using batching plant & Concrete pump	Cum	9219.80	9041.40	8995.40	9021.20	8929.90	8901.30	11049.00	10870.60	10824.60	10850.40	10759.10	10730.50
	Case II		using batching plant & manual placing	Cum	9770.00	9621.80	9575.20	9441.70	9350.50	9322.40	11599.20	11451.00	11404.40	11270.90	11179.60	11151.60

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.35			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Size of pile - 750 mm x 750 mm	Metre	10129.70	9935.40	9908.50	9991.10	9854.00	9837.30	9906.80	9714.40	9687.50	9768.20	9633.10	9616.30
B 12.36			Driven Vertical Steel Piles complete as per Drawing and & Technical Specification													
			Section of the pile - H Section steel column 400 x 250 mm (ISHB Series)	Metre	8921.90	8921.90	8921.90	8910.80	8910.80	8910.80	8886.90	8886.90	8886.90	8875.80	8875.80	8875.80
B 12.37			Driven Vertical Steel Piles complete as per Drawing and & Technical Specification													
			Section of the pile - H Section steel column 450 x 250 mm (ISHB Series)	Metre	9667.50	9667.50	9667.50	9652.40	9652.40	9652.40	9628.00	9628.00	9628.00	9612.90	9612.90	9612.90
B 12.38			Pile Load Test on single Vertical Pile in accordance with IS:2911 (Part-IV) <i>To be taken as per prevailing Market Rate</i>													
B 12.39			Dismantling of Reinforced Concrete Pile head complete as per Drawing and Technical Specification	Cum	1414.20	1414.60	1368.10	1188.20	1188.60	1142.10	1414.20	1414.60	1368.10	1188.20	1188.60	1142.10
B 12.40			Cement Concrete for Reinforced Concrete in Pile Cap complete as per Drawing and Technical Specification													
	A		RCC Grade M20													
	Case I		using batching plant & Concrete pump	Cum	13333.20	13333.20	13333.20	13279.60	13279.60	13279.60	13011.90	13011.90	13011.90	12958.30	12958.30	12958.30
	Case II		using batching plant & manual placing	Cum	13400.00	13400.00	13400.00	13337.00	13337.00	13337.00	13078.70	13078.70	13078.70	13015.70	13015.70	13015.70
	B		RCC Grade M25													
	Case I		using batching plant & Concrete pump	Cum	14231.30	14231.30	14231.30	14190.70	14190.70	14190.70	13887.90	13887.90	13887.90	13847.30	13847.30	13847.30
	Case II		using batching plant & manual placing	Cum	14311.10	14311.10	14311.10	14248.10	14248.10	14248.10	13967.70	13967.70	13967.70	13904.70	13904.70	13904.70
	C		RCC Grade M30													
	Case I		using batching plant & Concrete pump	Cum	14321.90	14321.90	14321.90	14268.30	14268.30	14268.30	13976.60	13976.60	13976.60	13923.10	13923.10	13923.10
	Case II		using batching plant & manual placing	Cum	14388.70	14388.70	14388.70	14325.70	14325.70	14325.70	14043.40	14043.40	14043.40	13980.40	13980.40	13980.40
	D		RCC Grade M35													
	Case I		using batching plant & Concrete pump	Cum	14585.40	14585.40	14585.40	14531.80	14531.80	14531.80	14233.80	14233.80	14233.80	14180.20	14180.20	14180.20
	Case II		using batching plant & manual placing	Cum	14652.20	14652.20	14652.20	14589.20	14589.20	14589.20	14300.60	14300.60	14300.60	14237.60	14237.60	14237.60
	E		RCC Grade M40													
	Case I		using batching plant & Concrete pump	Cum	14808.60	14808.60	14808.60	14755.10	14755.10	14755.10	14451.60	14451.60	14451.60	14398.10	14398.10	14398.10
	Case II		using batching plant & manual placing	Cum	14875.40	14875.40	14875.40	14812.40	14812.40	14812.40	14518.50	14518.50	14518.50	14455.40	14455.40	14455.40
	F		RCC Grade M45													
	Case I		using batching plant & Concrete pump	Cum	14857.50	14857.50	14857.50	14804.00	14804.00	14804.00	14499.40	14499.40	14499.40	14445.80	14445.80	14445.80
	Case II		using batching plant & manual placing	Cum	14924.40	14924.40	14924.40	14861.30	14861.30	14861.30	14566.20	14566.20	14566.20	14503.20	14503.20	14503.20
B 12.41			Levelling course for pile cap													
			Providing and laying of PCC M15 levelling course 100 mm thick below the pile cap													
	Case I		using batching plant & Concrete pump	Cum	12281.70	12103.30	12057.30	12083.10	11991.80	11963.20	11997.20	11818.90	11772.90	11798.60	11707.30	11678.70
	Case II		using batching plant & manual placing	Cum	12831.90	12683.70	12637.10	12503.60	12412.30	12384.30	12547.50	12399.20	12352.60	12219.10	12127.90	12099.80

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.35			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Size of pile - 750 mm x 750 mm	Metre	8395.70	8217.30	8190.40	8257.20	8135.90	8119.20	10468.30	10270.70	10243.80	10329.70	10189.30	10172.60
B 12.36			Driven Vertical Steel Piles complete as per Drawing and & Technical Specification													
			Section of the pile - H Section steel column 400 x 250 mm (ISHB Series)	Metre	8641.40	8641.40	8641.40	8630.40	8630.40	8630.40	8980.40	8980.40	8980.40	8969.30	8969.30	8969.30
B 12.37			Driven Vertical Steel Piles complete as per Drawing and & Technical Specification													
			Section of the pile - H Section steel column 450 x 250 mm (ISHB Series)	Metre	9351.60	9351.60	9351.60	9336.50	9336.50	9336.50	9733.30	9733.30	9733.30	9718.20	9718.20	9718.20
B 12.38			Pile Load Test on single Vertical Pile in accordance with IS:2911 (Part-IV) <i>To be taken as per prevailing Market Rate</i>													
B 12.39			Dismantling of Reinforced Concrete Pile head complete as per Drawing and Technical Specification	Cum	1414.20	1414.60	1368.10	1188.20	1188.60	1142.10	1414.20	1414.60	1368.10	1188.20	1188.60	1142.10
B 12.40			Cement Concrete for Reinforced Concrete in Pile Cap complete as per Drawing and Technical Specification													
	A		RCC Grade M20													
	Case I		using batching plant & Concrete pump	Cum	10763.50	10763.50	10763.50	10710.00	10710.00	10710.00	13868.20	13868.20	13868.20	13814.60	13814.60	13814.60
	Case II		using batching plant & manual placing	Cum	10830.30	10830.30	10830.30	10767.30	10767.30	10767.30	13935.00	13935.00	13935.00	13871.90	13871.90	13871.90
	B		RCC Grade M25													
	Case I		using batching plant & Concrete pump	Cum	11487.20	11487.20	11487.20	11446.70	11446.70	11446.70	14801.50	14801.50	14801.50	14761.00	14761.00	14761.00
	Case II		using batching plant & manual placing	Cum	11567.10	11567.10	11567.10	11504.00	11504.00	11504.00	14881.30	14881.30	14881.30	14818.30	14818.30	14818.30
	C		RCC Grade M30													
	Case I		using batching plant & Concrete pump	Cum	11564.00	11564.00	11564.00	11510.50	11510.50	11510.50	14894.50	14894.50	14894.50	14840.90	14840.90	14840.90
	Case II		using batching plant & manual placing	Cum	11630.80	11630.80	11630.80	11567.80	11567.80	11567.80	14961.30	14961.30	14961.30	14898.30	14898.30	14898.30
	D		RCC Grade M35													
	Case I		using batching plant & Concrete pump	Cum	11777.80	11777.80	11777.80	11724.30	11724.30	11724.30	15167.80	15167.80	15167.80	15114.20	15114.20	15114.20
	Case II		using batching plant & manual placing	Cum	11844.60	11844.60	11844.60	11781.60	11781.60	11781.60	15234.60	15234.60	15234.60	15171.60	15171.60	15171.60
	E		RCC Grade M40													
	Case I		using batching plant & Concrete pump	Cum	11963.00	11963.00	11963.00	11909.40	11909.40	11909.40	15396.80	15396.80	15396.80	15343.20	15343.20	15343.20
	Case II		using batching plant & manual placing	Cum	12029.80	12029.80	12029.80	11966.70	11966.70	11966.70	15463.60	15463.60	15463.60	15400.60	15400.60	15400.60
	F		RCC Grade M45													
	Case I		using batching plant & Concrete pump	Cum	12004.90	12004.90	12004.90	11951.40	11951.40	11951.40	15446.10	15446.10	15446.10	15392.50	15392.50	15392.50
	Case II		using batching plant & manual placing	Cum	12071.70	12071.70	12071.70	12008.70	12008.70	12008.70	15512.90	15512.90	15512.90	15449.90	15449.90	15449.90
B 12.41			Levelling course for pile cap													
			Providing and laying of PCC M15 levelling course 100 mm thick below the pile cap													
	Case I		using batching plant & Concrete pump	Cum	10009.60	9831.30	9785.30	9811.00	9719.70	9691.20	12753.30	12575.00	12529.00	12554.70	12463.40	12434.80
	Case II		using batching plant & manual placing	Cum	10559.90	10411.60	10365.00	10231.50	10140.30	10112.20	13303.60	13155.30	13108.70	12975.20	12884.00	12855.90

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.35			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Size of pile - 750 mm x 750 mm	Metre	8800.40	8618.00	8591.10	8661.80	8536.60	8519.90	9204.90	9019.20	8992.30	9066.30	8937.80	8921.10
B 12.36			Driven Vertical Steel Piles complete as per Drawing and & Technical Specification													
			Section of the pile - H Section steel column 400 x 250 mm (ISHB Series)	Metre	8711.50	8711.50	8711.50	8700.50	8700.50	8700.50	8770.00	8770.00	8770.00	8758.90	8758.90	8758.90
B 12.37			Driven Vertical Steel Piles complete as per Drawing and & Technical Specification													
			Section of the pile - H Section steel column 450 x 250 mm (ISHB Series)	Metre	9430.60	9430.60	9430.60	9415.50	9415.50	9415.50	9496.40	9496.40	9496.40	9481.30	9481.30	9481.30
B 12.38			Pile Load Test on single Vertical Pile in accordance with IS:2911 (Part-IV) <i>To be taken as per prevailing Market Rate</i>													
B 12.39			Dismantling of Reinforced Concrete Pile head complete as per Drawing and Technical Specification	Cum	1414.20	1414.60	1368.10	1188.20	1188.60	1142.10	1414.20	1414.60	1368.10	1188.20	1188.60	1142.10
B 12.40			Cement Concrete for Reinforced Concrete in Pile Cap complete as per Drawing and Technical Specification													
	A		RCC Grade M20													
	Case I		using batching plant & Concrete pump	Cum	11405.40	11405.40	11405.40	11351.90	11351.90	11351.90	11941.50	11941.50	11941.50	11888.00	11888.00	11888.00
	Case II		using batching plant & manual placing	Cum	11472.30	11472.30	11472.30	11409.20	11409.20	11409.20	12008.30	12008.30	12008.30	11945.30	11945.30	11945.30
	B		RCC Grade M25													
	Case I		using batching plant & Concrete pump	Cum	12171.40	12171.40	12171.40	12130.90	12130.90	12130.90	12745.80	12745.80	12745.80	12705.30	12705.30	12705.30
	Case II		using batching plant & manual placing	Cum	12251.20	12251.20	12251.20	12188.20	12188.20	12188.20	12825.70	12825.70	12825.70	12762.60	12762.60	12762.60
	C		RCC Grade M30													
	Case I		using batching plant & Concrete pump	Cum	12251.00	12251.00	12251.00	12197.40	12197.40	12197.40	12829.30	12829.30	12829.30	12775.70	12775.70	12775.70
	Case II		using batching plant & manual placing	Cum	12317.80	12317.80	12317.80	12254.80	12254.80	12254.80	12896.10	12896.10	12896.10	12833.10	12833.10	12833.10
	D		RCC Grade M35													
	Case I		using batching plant & Concrete pump	Cum	12476.50	12476.50	12476.50	12422.90	12422.90	12422.90	13066.30	13066.30	13066.30	13012.70	13012.70	13012.70
	Case II		using batching plant & manual placing	Cum	12543.30	12543.30	12543.30	12480.30	12480.30	12480.30	13133.10	13133.10	13133.10	13070.00	13070.00	13070.00
	E		RCC Grade M40													
	Case I		using batching plant & Concrete pump	Cum	12668.40	12668.40	12668.40	12614.80	12614.80	12614.80	13270.20	13270.20	13270.20	13216.70	13216.70	13216.70
	Case II		using batching plant & manual placing	Cum	12735.20	12735.20	12735.20	12672.20	12672.20	12672.20	13337.00	13337.00	13337.00	13274.00	13274.00	13274.00
	F		RCC Grade M45													
	Case I		using batching plant & Concrete pump	Cum	12710.70	12710.70	12710.70	12657.20	12657.20	12657.20	13316.10	13316.10	13316.10	13262.50	13262.50	13262.50
	Case II		using batching plant & manual placing	Cum	12777.50	12777.50	12777.50	12714.50	12714.50	12714.50	13382.90	13382.90	13382.90	13319.80	13319.80	13319.80
B 12.41			Levelling course for pile cap													
			Providing and laying of PCC M15 levelling course 100 mm thick below the pile cap													
	Case I		using batching plant & Concrete pump	Cum	10575.50	10397.10	10351.10	10376.90	10285.60	10257.00	11052.00	10873.70	10827.70	10853.40	10762.20	10733.60
	Case II		using batching plant & manual placing	Cum	11125.70	10977.50	10930.90	10797.40	10706.20	10678.10	11602.30	11454.10	11407.40	11273.90	11182.70	11154.70

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.35			Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement complete as per Drawing and & Technical Specification													
			Size of pile - 750 mm x 750 mm	Metre	12334.50	12119.10	12092.20	12195.90	12037.80	12021.00	11294.00	11088.60	11061.60	11155.50	11007.20	10990.50
B 12.36			Driven Vertical Steel Piles complete as per Drawing and & Technical Specification													
			Section of the pile - H Section steel column 400 x 250 mm (ISHB Series)	Metre	9295.90	9295.90	9295.90	9284.80	9284.80	9284.80	9120.60	9120.60	9120.60	9109.50	9109.50	9109.50
B 12.37			Driven Vertical Steel Piles complete as per Drawing and & Technical Specification													
			Section of the pile - H Section steel column 450 x 250 mm (ISHB Series)	Metre	10088.60	10088.60	10088.60	10073.60	10073.60	10073.60	9891.20	9891.20	9891.20	9876.10	9876.10	9876.10
B 12.38			Pile Load Test on single Vertical Pile in accordance with IS:2911 (Part-IV) <i>To be taken as per prevailing Market Rate</i>													
B 12.39			Dismantling of Reinforced Concrete Pile head complete as per Drawing and Technical Specification	Cum	1414.20	1414.60	1368.10	1188.20	1188.60	1142.10	1414.20	1414.60	1368.10	1188.20	1188.60	1142.10
B 12.40			Cement Concrete for Reinforced Concrete in Pile Cap complete as per Drawing and Technical Specification													
	A		RCC Grade M20													
	Case I		using batching plant & Concrete pump	Cum	16757.60	16757.60	16757.60	16704.00	16704.00	16704.00	15152.30	15152.30	15152.30	15098.70	15098.70	15098.70
	Case II		using batching plant & manual placing	Cum	16824.40	16824.40	16824.40	16761.40	16761.40	16761.40	15219.10	15219.10	15219.10	15156.10	15156.10	15156.10
	B		RCC Grade M25													
	Case I		using batching plant & Concrete pump	Cum	17883.20	17883.20	17883.20	17842.60	17842.60	17842.60	16170.90	16170.90	16170.90	16130.30	16130.30	16130.30
	Case II		using batching plant & manual placing	Cum	17963.00	17963.00	17963.00	17900.00	17900.00	17900.00	16250.70	16250.70	16250.70	16187.70	16187.70	16187.70
	C		RCC Grade M30													
	Case I		using batching plant & Concrete pump	Cum	17989.80	17989.80	17989.80	17936.20	17936.20	17936.20	16269.90	16269.90	16269.90	16216.30	16216.30	16216.30
	Case II		using batching plant & manual placing	Cum	18056.60	18056.60	18056.60	17993.60	17993.60	17993.60	16336.70	16336.70	16336.70	16273.60	16273.60	16273.60
	D		RCC Grade M35													
	Case I		using batching plant & Concrete pump	Cum	18316.80	18316.80	18316.80	18263.20	18263.20	18263.20	16566.90	16566.90	16566.90	16513.40	16513.40	16513.40
	Case II		using batching plant & manual placing	Cum	18383.60	18383.60	18383.60	18320.60	18320.60	18320.60	16633.70	16633.70	16633.70	16570.70	16570.70	16570.70
	E		RCC Grade M40													
	Case I		using batching plant & Concrete pump	Cum	18580.60	18580.60	18580.60	18527.00	18527.00	18527.00	16811.10	16811.10	16811.10	16757.50	16757.50	16757.50
	Case II		using batching plant & manual placing	Cum	18647.40	18647.40	18647.40	18584.40	18584.40	18584.40	16877.90	16877.90	16877.90	16814.80	16814.80	16814.80
	F		RCC Grade M45													
	Case I		using batching plant & Concrete pump	Cum	18633.70	18633.70	18633.70	18580.20	18580.20	18580.20	16861.90	16861.90	16861.90	16808.30	16808.30	16808.30
	Case II		using batching plant & manual placing	Cum	18700.50	18700.50	18700.50	18637.50	18637.50	18637.50	16928.70	16928.70	16928.70	16865.70	16865.70	16865.70
B 12.41			Levelling course for pile cap													
			Providing and laying of PCC M15 levelling course 100 mm thick below the pile cap													
	Case I		using batching plant & Concrete pump	Cum	15303.00	15124.70	15078.70	15104.40	15013.10	14984.60	13886.20	13707.90	13661.90	13687.60	13596.40	13567.80
	Case II		using batching plant & manual placing	Cum	15853.30	15705.00	15658.40	15524.90	15433.70	15405.60	14436.50	14288.20	14241.60	14108.10	14016.90	13988.80

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.42			Supplying, Fitting and Placing un-coated HYSD bar reinforcement in foundation complete as per drawing and technical specification	MT	85186.00	85125.50	85068.40	85045.50	84984.60	84927.60	84303.90	84243.40	84186.30	84163.40	84102.50	84045.50
B 12.43			Supplying, Fitting and Placing un-coated Mild steel reinforcement in Foundation complete as per Drawing and Technical Specifications.	MT	85186.00	85125.50	85068.40	85045.50	84984.60	84927.60	84303.90	84243.40	84186.30	84163.40	84102.50	84045.50

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.42			Supplying, Fitting and Placing un-coated HYSD bar reinforcement in foundation complete as per drawing and technical specification	MT	85186.00	85125.50	85068.40	85045.50	84984.60	84927.60	87262.00	87201.40	87144.40	87121.50	87060.60	87003.50
B 12.43			Supplying, Fitting and Placing un-coated Mild steel reinforcement in Foundation complete as per Drawing and Technical Specifications.	MT	85186.00	85125.50	85068.40	85045.50	84984.60	84927.60	87262.00	87201.40	87144.40	87121.50	87060.60	87003.50

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.42			Supplying, Fitting and Placing un-coated HYSD bar reinforcement in foundation complete as per drawing and technical specification	MT	89035.50	88975.00	88918.00	88895.00	88834.10	88777.10	88626.30	88565.70	88508.70	88485.80	88424.90	88367.80
B 12.43			Supplying, Fitting and Placing un-coated Mild steel reinforcement in Foundation complete as per Drawing and Technical Specifications.	MT	89035.50	88975.00	88918.00	88895.00	88834.10	88777.10	88626.30	88565.70	88508.70	88485.80	88424.90	88367.80

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.42			Supplying, Fitting and Placing un-coated HYSD bar reinforcement in foundation complete as per drawing and technical specification	MT	85793.80	85733.30	85676.20	85653.30	85592.40	85535.40	89696.00	89635.40	89578.40	89555.50	89494.60	89437.50
B 12.43			Supplying, Fitting and Placing un-coated Mild steel reinforcement in Foundation complete as per Drawing and Technical Specifications.	MT	85793.80	85733.30	85676.20	85653.30	85592.40	85535.40	89696.00	89635.40	89578.40	89555.50	89494.60	89437.50

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.42			Supplying, Fitting and Placing un-coated HYSD bar reinforcement in foundation complete as per drawing and technical specification	MT	86585.40	86524.80	86467.80	86444.80	86384.00	86326.90	87288.90	87228.40	87171.30	87148.40	87087.50	87030.50
B 12.43			Supplying, Fitting and Placing un-coated Mild steel reinforcement in Foundation complete as per Drawing and Technical Specifications.	MT	86585.40	86524.80	86467.80	86444.80	86384.00	86326.90	87288.90	87228.40	87171.30	87148.40	87087.50	87030.50

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 12.42			Supplying, Fitting and Placing un-coated HYSD bar reinforcement in foundation complete as per drawing and technical specification	MT	93287.70	93227.10	93170.10	93147.20	93086.30	93029.20	91289.90	91229.40	91172.30	91149.40	91088.50	91031.40
B 12.43			Supplying, Fitting and Placing un-coated Mild steel reinforcement in Foundation complete as per Drawing and Technical Specifications.	MT	93287.70	93227.10	93170.10	93147.20	93086.30	93029.20	91289.90	91229.40	91172.30	91149.40	91088.50	91031.40

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			13 : SUB-STRUCTURE													
B 13.01			Brick masonry work in 1:3 in sub-structure complete excluding pointing and plastering, as per drawing and Technical Specifications	Cum	13575.00	13437.80	13399.00	12824.80	12732.30	12707.50	12073.50	11936.30	11897.60	11323.30	11230.80	11206.10
B 13.02			Pointing with cement mortar (1:3) on brick work in substructure as per Technical Specifications	Sqm	180.50	180.50	180.50	144.20	144.20	144.20	176.70	176.70	176.70	140.50	140.50	140.50
B 13.03			Plastering with cement mortar (1:3) on brick work in sub-structure as per Technical Specifications	Sqm	331.90	329.00	327.20	290.30	286.90	286.70	313.80	310.90	309.10	272.20	268.80	268.60
B 13.04			Stone masonry work in cement mortar 1:3 for substructure complete as per drawing and Technical Specifications													
	A		Random Rubble Masonry	Cum	10958.40	10685.50	10591.20	9630.10	9563.00	9514.00	10518.20	10245.20	10151.00	9189.80	9122.70	9073.70
	B		Coursed rubble masonry (first sort)	Cum	11653.20	11380.30	11286.00	10208.30	10040.90	9991.90	11252.40	10979.40	10885.20	9807.50	9640.00	9591.00
	C		Ashlar masonry (first sort)	Cum	16555.40	16282.40	16188.10	14356.30	14188.90	14139.80	16115.10	15842.10	15747.90	13916.00	13748.60	13699.60
B 13.05			Plain/Reinforced Cement concrete in sub structure complete as per drawing and technical specifications													
	A		PCC Grade M15.													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	10161.60	9999.00	9948.40	9937.80	9837.40	9806.00	9552.10	9389.50	9338.90	9328.30	9227.90	9196.50
	B		PCC Grade M20.													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	11133.60	10971.00	10920.40	10919.40	10819.00	10787.50	10478.40	10315.80	10265.20	10264.20	10163.80	10132.30
	C		PCC Grade M25													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	11834.10	11671.40	11620.80	11610.30	11509.90	11478.40	11142.10	10979.40	10928.80	10918.30	10817.90	10786.40
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	12264.40	11883.60	11832.10	12032.40	11719.10	11687.10	11547.30	11179.10	11127.60	11315.30	11014.60	10982.60
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	12802.30	12626.40	12571.60	12560.20	12451.60	12417.60	12053.70	11877.80	11823.00	11811.60	11703.00	11669.00
	D		PCC Grade M30													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	11897.60	11735.00	11684.40	11674.80	11574.40	11542.90	11202.00	11039.40	10988.80	10979.20	10878.80	10847.40
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	12334.20	12165.60	12113.20	12102.20	11998.20	11965.60	11613.30	11444.80	11392.30	11381.40	11277.30	11244.70
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	12875.20	12699.20	12644.50	12633.00	12524.40	12490.40	12122.70	11946.70	11892.00	11880.50	11771.90	11737.90
	E		RCC Grade M20.													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	11483.00	11320.30	11269.70	11206.60	11106.20	11074.70	10825.70	10663.00	10612.40	10549.30	10448.90	10417.40
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	11900.50	11732.00	11679.50	11614.10	11510.00	11477.40	11219.30	11050.80	10998.30	10932.90	10828.80	10796.20
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	12422.50	12246.50	12191.80	12123.50	12014.90	11980.80	11711.40	11535.50	11480.70	11412.40	11303.80	11269.80
	F		RCC Grade M25													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	12219.90	12057.20	12006.60	11943.50	11843.10	11811.60	11522.90	11360.20	11309.60	11246.40	11146.10	11114.60
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	12619.80	12451.80	12399.60	12334.40	12230.70	12198.20	11900.00	11732.00	11679.80	11614.50	11510.80	11478.40
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	13219.70	13043.70	12989.00	12920.70	12812.10	12778.00	12465.60	12289.70	12235.00	12166.60	12058.00	12024.00

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			13 : SUB-STRUCTURE													
B 13.01			Brick masonry work in 1:3 in sub-structure complete excluding pointing and plastering, as per drawing and Technical Specifications	Cum	13575.00	13437.80	13399.00	12824.80	12732.30	12707.50	16973.80	16836.60	16797.80	16223.60	16131.10	16106.30
B 13.02			Pointing with cement mortar (1:3) on brick work in substructure as per Technical Specifications	Sqm	180.50	180.50	180.50	144.20	144.20	144.20	189.90	189.90	189.90	153.70	153.70	153.70
B 13.03			Plastering with cement mortar (1:3) on brick work in sub-structure as per Technical Specifications	Sqm	331.90	329.00	327.20	290.30	286.90	286.70	377.40	374.50	372.70	335.70	332.40	332.10
B 13.04			Stone masonry work in cement mortar 1:3 for substructure complete as per drawing and Technical Specifications													
	A		Random Rubble Masonry	Cum	10958.40	10685.50	10591.20	9630.10	9563.00	9514.00	12271.50	11998.60	11904.30	10943.20	10876.10	10827.10
	B		Coursed rubble masonry (first sort)	Cum	11653.20	11380.30	11286.00	10208.30	10040.90	9991.90	12888.50	12615.50	12521.30	11443.60	11276.20	11227.20
	C		Ashlar masonry (first sort)	Cum	16555.40	16282.40	16188.10	14356.30	14188.90	14139.80	17654.10	17381.10	17286.80	15455.00	15287.50	15238.50
B 13.05			Plain/Reinforced Cement concrete in sub structure complete as per drawing and technical specifications													
	A		PCC Grade M15.													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	10161.60	9999.00	9948.40	9937.80	9837.40	9806.00	12173.80	12011.10	11960.50	11949.90	11849.60	11818.10
	B		PCC Grade M20.													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	11133.60	10971.00	10920.40	10919.40	10819.00	10787.50	13148.10	12985.50	12934.90	12933.90	12833.50	12802.00
	C		PCC Grade M25													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	11834.10	11671.40	11620.80	11610.30	11509.90	11478.40	13970.50	13807.80	13757.20	13746.70	13646.30	13614.80
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	12264.40	11883.60	11832.10	12032.40	11719.10	11687.10	14478.50	14058.90	14007.40	14246.60	13894.40	13862.40
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	12802.30	12626.40	12571.60	12560.20	12451.60	12417.60	15113.50	14937.60	14882.80	14871.40	14762.80	14728.80
	D		PCC Grade M30													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	11897.60	11735.00	11684.40	11674.80	11574.40	11542.90	14045.90	13883.30	13832.70	13823.10	13722.70	13691.20
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	12334.20	12165.60	12113.20	12102.20	11998.20	11965.60	14560.60	14392.00	14339.60	14328.60	14224.60	14192.00
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	12875.20	12699.20	12644.50	12633.00	12524.40	12490.40	15199.20	15023.30	14968.50	14957.10	14848.50	14814.50
	E		RCC Grade M20.													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	11483.00	11320.30	11269.70	11206.60	11106.20	11074.70	13206.40	13043.70	12993.10	12930.00	12829.60	12798.10
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	11900.50	11732.00	11679.50	11614.10	11510.00	11477.40	13686.60	13518.00	13465.60	13400.10	13296.10	13263.50
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	12422.50	12246.50	12191.80	12123.50	12014.90	11980.80	14286.90	14110.90	14056.20	13987.90	13879.30	13845.20
	F		RCC Grade M25													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	12219.90	12057.20	12006.60	11943.50	11843.10	11811.60	14068.80	13906.20	13855.60	13792.40	13692.00	13660.60
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	12619.80	12451.80	12399.60	12334.40	12230.70	12198.20	14529.30	14361.30	14309.00	14243.80	14140.10	14107.60
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	13219.70	13043.70	12989.00	12920.70	12812.10	12778.00	15219.90	15044.00	14989.20	14920.90	14812.30	14778.30

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			13 : SUB-STRUCTURE													
B 13.01			Brick masonry work in 1:3 in sub-structure complete excluding pointing and plastering, as per drawing and Technical Specifications	Cum	20072.90	19935.80	19897.00	19322.70	19230.20	19205.50	19357.70	19220.60	19181.80	18607.50	18515.00	18490.30
B 13.02			Pointing with cement mortar (1:3) on brick work in substructure as per Technical Specifications	Sqm	198.20	198.20	198.20	161.90	161.90	161.90	196.30	196.30	196.30	160.00	160.00	160.00
B 13.03			Plastering with cement mortar (1:3) on brick work in sub-structure as per Technical Specifications	Sqm	417.20	414.20	412.40	375.50	372.10	371.90	408.00	405.10	403.30	366.30	362.90	362.70
B 13.04			Stone masonry work in cement mortar 1:3 for substructure complete as per drawing and Technical Specifications													
	A		Random Rubble Masonry	Cum	13236.80	12963.80	12869.50	11908.40	11841.30	11792.30	13014.00	12741.00	12646.80	11685.70	11618.60	11569.60
	B		Coursed rubble masonry (first sort)	Cum	13767.20	13494.20	13400.00	12322.30	12154.80	12105.80	13564.40	13291.40	13197.20	12119.50	11952.00	11903.00
	C		Ashlar masonry (first sort)	Cum	18619.30	18346.30	18252.10	16420.20	16252.80	16203.80	18396.50	18123.60	18029.30	16197.50	16030.00	15981.00
B 13.05			Plain/Reinforced Cement concrete in sub structure complete as per drawing and technical specifications													
	A		PCC Grade M15.													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	13529.70	13367.10	13316.50	13305.90	13205.50	13174.10	13216.80	13054.20	13003.60	12993.00	12892.60	12861.20
	B		PCC Grade M20.													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	14622.70	14460.00	14409.40	14408.40	14308.00	14276.60	14282.40	14119.80	14069.20	14068.10	13967.70	13936.30
	C		PCC Grade M25													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	15540.60	15377.90	15327.30	15316.80	15216.40	15184.90	15178.30	15015.60	14965.00	14954.40	14854.00	14822.60
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	16105.70	15657.50	15606.00	15873.70	15493.00	15461.00	15730.20	15288.60	15237.10	15498.20	15124.10	15092.10
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	16812.10	16636.10	16581.40	16570.00	16461.40	16427.30	16420.10	16244.20	16189.40	16178.00	16069.40	16035.40
	D		PCC Grade M30													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	15625.30	15462.70	15412.10	15402.50	15302.10	15270.60	15260.80	15098.20	15047.60	15038.00	14937.60	14906.20
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	16197.40	16028.90	15976.40	15965.50	15861.40	15828.80	15819.70	15651.10	15598.70	15587.70	15483.70	15451.10
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	16907.80	16731.90	16677.20	16665.70	16557.10	16523.10	16513.50	16337.60	16282.90	16271.40	16162.80	16128.80
	E		RCC Grade M20.													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	14686.40	14523.70	14473.10	14410.00	14309.60	14278.10	14344.80	14182.20	14131.60	14068.40	13968.00	13936.60
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	15220.40	15051.90	14999.40	14934.00	14829.90	14797.30	14866.50	14697.90	14645.50	14580.00	14476.00	14443.40
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	15888.00	15712.00	15657.30	15589.00	15480.40	15446.30	15518.50	15342.60	15287.80	15219.50	15110.90	15076.90
	F		RCC Grade M25													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	15650.00	15487.40	15436.80	15373.60	15273.20	15241.80	15285.10	15122.50	15071.90	15008.70	14908.30	14876.90
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	16162.20	15994.20	15942.00	15876.70	15773.10	15740.60	15785.40	15617.40	15565.20	15499.90	15396.20	15363.80
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	16930.50	16754.50	16699.80	16631.50	16522.90	16488.80	16535.70	16359.80	16305.00	16236.70	16128.10	16094.10

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			13 : SUB-STRUCTURE													
B 13.01			Brick masonry work in 1:3 in sub-structure complete excluding pointing and plastering, as per drawing and Technical Specifications	Cum	14354.50	14217.40	14178.60	13604.40	13511.90	13487.10	21262.80	21125.60	21086.90	20512.60	20420.10	20395.30
B 13.02			Pointing with cement mortar (1:3) on brick work in substructure as per Technical Specifications	Sqm	183.00	183.00	183.00	146.70	146.70	146.70	201.30	201.30	201.30	165.10	165.10	165.10
B 13.03			Plastering with cement mortar (1:3) on brick work in sub-structure as per Technical Specifications	Sqm	343.90	341.00	339.20	302.20	298.80	298.60	432.40	429.50	427.70	390.70	387.30	387.10
B 13.04			Stone masonry work in cement mortar 1:3 for substructure complete as per drawing and Technical Specifications													
	A		Random Rubble Masonry	Cum	11461.20	11188.30	11094.00	10132.90	10065.80	10016.80	13603.70	13330.70	13236.50	12275.40	12208.30	12159.30
	B		Coursed rubble masonry (first sort)	Cum	12151.40	11878.50	11784.20	10706.50	10539.10	10490.10	14100.90	13827.90	13733.60	12655.90	12488.50	12439.50
	C		Ashlar masonry (first sort)	Cum	16843.80	16570.80	16476.50	14644.70	14477.20	14428.20	18986.20	18713.30	18619.00	16787.20	16619.70	16570.70
B 13.05			Plain/Reinforced Cement concrete in sub structure complete as per drawing and technical specifications													
	A		PCC Grade M15.													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	11030.50	10867.80	10817.20	10806.70	10706.30	10674.80	14048.50	13885.90	13835.30	13824.70	13724.30	13692.90
	B		PCC Grade M20.													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	11904.70	11742.00	11691.40	11690.40	11590.00	11558.60	15187.00	15024.30	14973.70	14972.70	14872.30	14840.90
	C		PCC Grade M25													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	12646.40	12483.70	12433.10	12422.50	12322.20	12290.70	16141.50	15978.90	15928.30	15917.70	15817.30	15785.90
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	13106.20	12710.70	12659.20	12874.30	12546.20	12514.20	16728.50	16269.40	16217.90	16496.50	16104.90	16072.90
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	13681.10	13505.10	13450.40	13438.90	13330.30	13296.30	17462.20	17286.20	17231.50	17220.10	17111.50	17077.40
	D		PCC Grade M30													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	12713.90	12551.30	12500.70	12491.10	12390.70	12359.20	16229.80	16067.20	16016.60	16007.00	15906.60	15875.10
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	13180.20	13011.60	12959.20	12948.20	12844.20	12811.60	16823.90	16655.40	16602.90	16592.00	16487.90	16455.30
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	13758.20	13582.30	13527.60	13516.10	13407.50	13373.50	17561.80	17385.90	17331.10	17319.70	17211.10	17177.10
	E		RCC Grade M20.													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	11958.30	11795.70	11745.10	11681.90	11581.50	11550.10	15252.80	15090.10	15039.50	14976.30	14876.00	14844.50
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	12393.20	12224.60	12172.20	12106.70	12002.70	11970.10	15807.40	15638.80	15586.40	15520.90	15416.90	15384.30
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	12936.70	12760.80	12706.00	12637.70	12529.10	12495.10	16500.70	16324.80	16270.00	16201.70	16093.10	16059.10
	F		RCC Grade M25													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	12737.60	12574.90	12524.30	12461.20	12360.80	12329.30	16253.70	16091.10	16040.50	15977.30	15876.90	15845.50
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	13154.40	12986.50	12934.20	12869.00	12765.30	12732.80	16785.70	16617.70	16565.40	16500.20	16396.50	16364.10
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	13779.70	13603.80	13549.00	13480.70	13372.10	13338.10	17583.60	17407.60	17352.90	17284.50	17175.90	17141.90

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			13 : SUB-STRUCTURE													
B 13.01			Brick masonry work in 1:3 in sub-structure complete excluding pointing and plastering, as per drawing and Technical Specifications	Cum	15782.30	15645.10	15606.30	15032.10	14939.60	14914.80	16976.40	16839.20	16800.40	16226.20	16133.70	16108.90
B 13.02			Pointing with cement mortar (1:3) on brick work in substructure as per Technical Specifications	Sqm	186.80	186.80	186.80	150.50	150.50	150.50	189.90	189.90	189.90	153.70	153.70	153.70
B 13.03			Plastering with cement mortar (1:3) on brick work in sub-structure as per Technical Specifications	Sqm	362.10	359.20	357.40	320.50	317.10	316.80	377.50	374.60	372.80	335.80	332.40	332.20
B 13.04			Stone masonry work in cement mortar 1:3 for substructure complete as per drawing and Technical Specifications													
	A		Random Rubble Masonry	Cum	11901.40	11628.40	11534.10	10573.00	10505.90	10456.90	12276.90	12003.90	11909.70	10948.50	10881.50	10832.50
	B		Coursed rubble masonry (first sort)	Cum	12551.60	12278.70	12184.40	11106.70	10939.30	10890.30	12893.90	12620.90	12526.60	11448.90	11281.50	11232.50
	C		Ashlar masonry (first sort)	Cum	17283.90	17010.90	16916.70	15084.80	14917.40	14868.40	17659.40	17386.40	17292.20	15460.40	15292.90	15243.90
B 13.05			Plain/Reinforced Cement concrete in sub structure complete as per drawing and technical specifications													
	A		PCC Grade M15.													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	11652.90	11490.30	11439.70	11429.10	11328.70	11297.30	12177.20	12014.50	11963.90	11953.30	11853.00	11821.50
	B		PCC Grade M20.													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	12581.70	12419.00	12368.50	12367.40	12267.00	12235.60	13151.70	12989.00	12938.40	12937.40	12837.00	12805.60
	C		PCC Grade M25													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	13367.30	13204.70	13154.10	13143.50	13043.10	13011.70	13974.20	13811.50	13760.90	13750.30	13650.00	13618.50
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	13853.40	13444.80	13393.30	13621.50	13280.30	13248.30	14482.30	14062.60	14011.10	14250.40	13898.10	13866.10
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	14461.00	14285.10	14230.30	14218.90	14110.30	14076.30	15117.50	14941.50	14886.80	14875.40	14766.80	14732.80
	D		PCC Grade M30													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	13439.20	13276.50	13225.90	13216.30	13116.00	13084.50	14049.60	13886.90	13836.30	13826.70	13726.40	13694.90
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	13931.80	13763.30	13710.80	13699.90	13595.80	13563.20	14564.40	14395.90	14343.40	14332.50	14228.40	14195.80
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	14542.90	14366.90	14312.20	14300.70	14192.10	14158.10	15203.20	15027.30	14972.50	14961.10	14852.50	14818.50
	E		RCC Grade M20.													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	12637.90	12475.20	12424.60	12361.40	12261.00	12229.60	13209.90	13047.30	12996.70	12933.50	12833.10	12801.70
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	13097.40	12928.90	12876.40	12810.90	12706.90	12674.30	13690.30	13521.70	13469.30	13403.80	13299.80	13267.20
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	13671.90	13495.90	13441.20	13372.80	13264.20	13230.20	14290.70	14114.80	14060.00	13991.70	13883.10	13849.10
	F		RCC Grade M25													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	13461.80	13299.10	13248.50	13185.40	13085.00	13053.50	14074.40	13911.80	13861.20	13798.00	13697.60	13666.20
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	13902.30	13734.40	13682.10	13616.90	13513.20	13480.70	14535.00	14367.10	14314.80	14249.60	14145.90	14113.40
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	14563.20	14387.20	14332.50	14264.20	14155.60	14121.50	15225.90	15050.00	14995.30	14926.90	14818.30	14784.30

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			13 : SUB-STRUCTURE													
B 13.01			Brick masonry work in 1:3 in sub-structure complete excluding pointing and plastering, as per drawing and Technical Specifications	Cum	27690.60	27553.40	27514.60	26940.40	26847.90	26823.10	24119.40	23982.20	23943.40	23369.20	23276.70	23251.90
B 13.02			Pointing with cement mortar (1:3) on brick work in substructure as per Technical Specifications	Sqm	218.50	218.50	218.50	182.20	182.20	182.20	208.90	208.90	208.90	172.70	172.70	172.70
B 13.03			Plastering with cement mortar (1:3) on brick work in sub-structure as per Technical Specifications	Sqm	514.70	511.70	509.90	473.00	469.60	469.40	469.00	466.00	464.20	427.30	423.90	423.70
B 13.04			Stone masonry work in cement mortar 1:3 for substructure complete as per drawing and Technical Specifications													
	A		Random Rubble Masonry	Cum	15590.20	15317.20	15223.00	14261.80	14194.80	14145.80	14486.10	14213.10	14118.90	13157.80	13090.70	13041.70
	B		Coursed rubble masonry (first sort)	Cum	15907.60	15634.70	15540.40	14462.70	14295.30	14246.30	14903.40	14630.40	14536.20	13458.50	13291.00	13242.00
	C		Ashlar masonry (first sort)	Cum	20972.70	20699.70	20605.50	18773.60	18606.20	18557.20	19868.60	19595.70	19501.40	17669.60	17502.10	17453.10
B 13.05			Plain/Reinforced Cement concrete in sub structure complete as per drawing and technical specifications													
	A		PCC Grade M15.													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	16853.20	16690.60	16640.00	16629.40	16529.00	16497.60	15294.80	15132.10	15081.50	15070.90	14970.60	14939.10
	B		PCC Grade M20.													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	18237.50	18074.80	18024.20	18023.20	17922.80	17891.40	16542.40	16379.80	16329.20	16328.20	16227.80	16196.30
	C		PCC Grade M25													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	19390.00	19227.40	19176.80	19166.20	19065.80	19034.40	17585.00	17422.30	17371.70	17361.20	17260.80	17229.30
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	20095.10	19577.00	19525.40	19863.10	19412.50	19380.40	18224.40	17739.10	17687.60	17992.50	17574.60	17542.60
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	20976.50	20800.50	20745.80	20734.30	20625.70	20591.70	19023.70	18847.80	18793.10	18781.60	18673.00	18639.00
	D		PCC Grade M30													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	19497.60	19335.00	19284.40	19274.80	19174.40	19142.90	17681.80	17519.20	17468.60	17459.00	17358.60	17327.20
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	20210.50	20042.00	19989.50	19978.60	19874.50	19842.00	18328.80	18160.20	18107.80	18096.80	17992.80	17960.20
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	21097.00	20921.00	20866.30	20854.80	20746.20	20712.20	19132.60	18956.70	18902.00	18890.50	18781.90	18747.90
	E		RCC Grade M20.													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	18314.50	18151.90	18101.30	18038.10	17937.70	17906.30	16613.20	16450.60	16400.00	16336.80	16236.40	16205.00
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	18980.50	18811.90	18759.50	18694.00	18590.00	18557.40	17217.30	17048.80	16996.30	16930.90	16826.80	16794.30
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	19813.00	19637.00	19582.30	19514.00	19405.30	19371.30	17972.50	17796.50	17741.80	17673.50	17564.90	17530.80
	F		RCC Grade M25													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	19518.80	19356.10	19305.50	19242.40	19142.00	19110.50	17704.40	17541.70	17491.10	17427.90	17327.60	17296.10
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	20157.60	19989.60	19937.40	19872.10	19768.40	19736.00	18283.80	18115.80	18063.60	17998.30	17894.60	17862.20
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	21115.80	20939.80	20885.10	20816.70	20708.10	20674.10	19152.90	18977.00	18922.20	18853.90	18745.30	18711.30

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	G		RCC Grade M30													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	12284.40	12121.70	12071.10	12007.90	11907.60	11876.10	11583.60	11421.00	11370.40	11307.20	11206.80	11175.40
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	12630.60	12463.30	12411.30	12346.30	12243.10	12210.80	11910.10	11742.90	11690.80	11625.90	11522.70	11490.30
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	13121.90	12948.20	12894.10	12826.70	12719.40	12685.80	12373.40	12199.70	12145.70	12078.20	11970.90	11937.30
	H		RCC Grade M35													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	12498.70	12336.00	12285.40	12222.20	12121.90	12090.40	11786.20	11623.60	11573.00	11509.80	11409.40	11378.00
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	12771.40	12605.20	12553.50	12488.90	12386.30	12354.20	12043.40	11877.20	11825.50	11760.90	11658.40	11626.20
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	13180.40	13008.90	12955.50	12888.90	12783.00	12749.90	12429.10	12257.60	12204.30	12137.60	12031.80	11998.60
	I		RCC Grade M40													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	12686.90	12524.20	12473.60	12410.50	12310.10	12278.60	11963.40	11800.70	11750.10	11686.90	11586.50	11555.10
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	12963.70	12797.50	12745.80	12681.20	12578.70	12546.50	12224.40	12058.20	12006.50	11941.90	11839.30	11807.20
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	13378.90	13207.40	13154.00	13087.40	12981.50	12948.40	12615.90	12444.40	12391.00	12324.40	12218.50	12185.40
	J		RCC Grade M45													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	12730.50	12567.80	12517.20	12454.00	12353.60	12322.20	12004.10	11841.40	11790.80	11727.70	11627.30	11595.80
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	13008.20	12842.00	12790.30	12725.80	12623.20	12591.10	12266.00	12099.80	12048.10	11983.50	11881.00	11848.80
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	13424.80	13253.30	13200.00	13133.30	13027.50	12994.30	12658.90	12487.30	12434.00	12367.40	12261.50	12228.30
	K		RCC Grade M50													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	13558.40	13395.80	13345.20	13282.00	13181.60	13150.20	12777.90	12615.30	12564.70	12501.50	12401.10	12369.70
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	13854.30	13688.10	13636.40	13571.80	13469.20	13437.10	13056.70	12890.50	12838.80	12774.20	12671.70	12639.50
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	14298.00	14126.50	14073.10	14006.50	13900.60	13867.50	13474.90	13303.40	13250.00	13183.40	13077.50	13044.40
B 13.06			Supplying, fitting and placing HYSD bar reinforcement in sub structure complete as per drawing and technical specifications	MT	88701.00	88916.00	89264.80	119197.40	121757.40	125691.20	87818.90	88033.90	88382.70	118315.30	120875.40	124809.10
B 13.07			Supplying, fitting and placing Mild Steel reinforcement in sub structure complete as per drawing and technical specifications	MT	88701.00	88916.00	89264.80	119197.40	121757.40	125691.20	87818.90	88033.90	88382.70	118315.30	120875.40	124809.10
B 13.08			Providing weep holes in Brick masonry/Plain/ Reinforced concrete abutment, wing wall/ return wall with 100 mm dia AC pipe, extending through the full width of the structure with slope of 1V :20H towards drawing face. Complete as per drawing and Technical Specifications	Nos	2294.50	2294.50	2294.50	2285.20	2285.20	2285.20	2146.00	2146.00	2146.00	2136.70	2136.70	2136.70
B 13.09			Back filling behind abutment, wing wall and return wall complete as per drawing and Technical Specification													
	A		Granular material	Cum	2348.30	2348.30	2348.30	2099.20	2099.20	2099.20	2348.30	2348.30	2348.30	2099.20	2099.20	2099.20
	B		Sandy material	Cum	4235.10	4235.10	4235.10	3986.10	3986.10	3986.10	3208.30	3208.30	3208.30	2959.20	2959.20	2959.20

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	G		RCC Grade M30													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	12284.40	12121.70	12071.10	12007.90	11907.60	11876.10	14142.30	13979.70	13929.10	13865.90	13765.50	13734.10
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	12630.60	12463.30	12411.30	12346.30	12243.10	12210.80	14540.90	14373.70	14321.60	14256.70	14153.50	14121.10
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	13121.90	12948.20	12894.10	12826.70	12719.40	12685.80	15106.60	14932.90	14878.80	14811.30	14704.10	14670.50
	H		RCC Grade M35													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	12498.70	12336.00	12285.40	12222.20	12121.90	12090.40	14391.80	14229.20	14178.60	14115.40	14015.00	13983.60
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	12771.40	12605.20	12553.50	12488.90	12386.30	12354.20	14705.80	14539.60	14487.90	14423.40	14320.80	14288.70
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	13180.40	13008.90	12955.50	12888.90	12783.00	12749.90	15176.80	15005.30	14952.00	14885.30	14779.50	14746.30
	I		RCC Grade M40													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	12686.90	12524.20	12473.60	12410.50	12310.10	12278.60	14603.40	14440.80	14390.20	14327.00	14226.60	14195.20
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	12963.70	12797.50	12745.80	12681.20	12578.70	12546.50	14922.00	14755.80	14704.10	14639.60	14537.00	14504.90
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	13378.90	13207.40	13154.00	13087.40	12981.50	12948.40	15400.00	15228.40	15175.10	15108.50	15002.60	14969.40
	J		RCC Grade M45													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	12730.50	12567.80	12517.20	12454.00	12353.60	12322.20	14649.80	14487.20	14436.60	14373.40	14273.00	14241.60
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	13008.20	12842.00	12790.30	12725.80	12623.20	12591.10	14969.50	14803.30	14751.60	14687.00	14584.40	14552.30
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	13424.80	13253.30	13200.00	13133.30	13027.50	12994.30	15448.90	15277.40	15224.00	15157.40	15051.60	15018.40
	K		RCC Grade M50													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	13558.40	13395.80	13345.20	13282.00	13181.60	13150.20	15532.00	15369.30	15318.70	15255.60	15155.20	15123.70
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	13854.30	13688.10	13636.40	13571.80	13469.20	13437.10	15870.90	15704.70	15653.00	15588.40	15485.80	15453.70
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	14298.00	14126.50	14073.10	14006.50	13900.60	13867.50	16379.20	16207.70	16154.30	16087.70	15981.80	15948.70
B 13.06			Supplying, fitting and placing HYSD bar reinforcement in sub structure complete as per drawing and technical specifications	MT	88701.00	88916.00	89264.80	119197.40	121757.40	125691.20	90777.00	90992.00	91340.70	121273.40	123833.40	127767.10
B 13.07			Supplying, fitting and placing Mild Steel reinforcement in sub structure complete as per drawing and technical specifications	MT	88701.00	88916.00	89264.80	119197.40	121757.40	125691.20	90777.00	90992.00	91340.70	121273.40	123833.40	127767.10
B 13.08			Providing weep holes in Brick masonry/Plain/ Reinforced concrete abutment, wing wall/ return wall with 100 mm dia AC pipe, extending through the full width of the structure with slope of 1V :20H towards drawing face. Complete as per drawing and Technical Specifications	Nos	2294.50	2294.50	2294.50	2285.20	2285.20	2285.20	2446.10	2446.10	2446.10	2436.80	2436.80	2436.80
B 13.09			Back filling behind abutment, wing wall and return wall complete as per drawing and Technical Specification													
	A		Granular material	Cum	2348.30	2348.30	2348.30	2099.20	2099.20	2099.20	2348.30	2348.30	2348.30	2099.20	2099.20	2099.20
	B		Sandy material	Cum	4235.10	4235.10	4235.10	3986.10	3986.10	3986.10	6557.20	6557.20	6557.20	6308.10	6308.10	6308.10

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	G		RCC Grade M30													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	15732.10	15569.50	15518.90	15455.70	15355.30	15323.90	15365.20	15202.60	15152.00	15088.80	14988.40	14957.00
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	16175.50	16008.20	15956.20	15891.30	15788.00	15755.70	15798.30	15631.00	15579.00	15514.00	15410.80	15378.50
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	16804.80	16631.00	16577.00	16509.50	16402.30	16368.70	16412.90	16239.10	16185.10	16117.60	16010.40	15976.80
	H		RCC Grade M35													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	16010.80	15848.20	15797.60	15734.40	15634.00	15602.60	15637.20	15474.60	15424.00	15360.80	15260.40	15229.00
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	16360.20	16194.00	16142.30	16077.70	15975.10	15943.00	15978.40	15812.20	15760.50	15695.90	15593.40	15561.20
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	16884.20	16712.60	16659.30	16592.70	16486.80	16453.60	16490.20	16318.60	16265.30	16198.70	16092.80	16059.60
	I		RCC Grade M40													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	16246.90	16084.30	16033.70	15970.50	15870.10	15838.70	15867.70	15705.00	15654.40	15591.20	15490.90	15459.40
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	16601.40	16435.20	16383.50	16319.00	16216.40	16184.30	16213.90	16047.70	15996.00	15931.40	15828.80	15796.70
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	17133.10	16961.60	16908.30	16841.60	16735.80	16702.60	16733.20	16561.70	16508.30	16441.70	16335.80	16302.70
	J		RCC Grade M45													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	16298.70	16136.00	16085.40	16022.30	15921.90	15890.40	15918.20	15755.50	15704.90	15641.70	15541.40	15509.90
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	16654.30	16488.10	16436.40	16371.80	16269.20	16237.10	16265.50	16099.30	16047.60	15983.00	15880.40	15848.30
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	17187.70	17016.20	16962.80	16896.20	16790.30	16757.20	16786.40	16614.90	16561.60	16494.90	16389.10	16355.90
	K		RCC Grade M50													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	17281.40	17118.80	17068.20	17005.00	16904.60	16873.20	16877.70	16715.10	16664.50	16601.30	16500.90	16469.50
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	17658.50	17492.30	17440.60	17376.00	17273.40	17241.30	17246.00	17079.80	17028.10	16963.50	16860.90	16828.80
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	18224.00	18052.50	17999.20	17932.60	17826.70	17793.50	17798.30	17626.80	17573.40	17506.80	17401.00	17367.80
B 13.06			Supplying, fitting and placing HYSD bar reinforcement in sub structure complete as per drawing and technical specifications	MT	92550.50	92765.50	93114.30	123046.90	125607.00	129540.70	92141.30	92356.30	92705.10	122637.70	125197.70	129131.40
B 13.07			Supplying, fitting and placing Mild Steel reinforcement in sub structure complete as per drawing and technical specifications	MT	92550.50	92765.50	93114.30	123046.90	125607.00	129540.70	92141.30	92356.30	92705.10	122637.70	125197.70	129131.40
B 13.08			Providing weep holes in Brick masonry/Plain/ Reinforced concrete abutment, wing wall/ return wall with 100 mm dia AC pipe, extending through the full width of the structure with slope of 1V :20H towards drawing face. Complete as per drawing and Technical Specifications	Nos	2722.60	2722.60	2722.60	2713.30	2713.30	2713.30	2658.80	2658.80	2658.80	2649.50	2649.50	2649.50
B 13.09			Back filling behind abutment, wing wall and return wall complete as per drawing and Technical Specification													
	A		Granular material	Cum	2348.30	2348.30	2348.30	2099.20	2099.20	2099.20	2348.30	2348.30	2348.30	2099.20	2099.20	2099.20
	B		Sandy material	Cum	8680.90	8680.90	8680.90	8431.80	8431.80	8431.80	8190.80	8190.80	8190.80	7941.70	7941.70	7941.70

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	G		RCC Grade M30													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	12805.00	12642.40	12591.80	12528.60	12428.20	12396.80	16338.30	16175.70	16125.10	16061.90	15961.50	15930.10
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	13165.90	12998.70	12946.60	12881.70	12778.50	12746.10	16798.70	16631.50	16579.50	16514.50	16411.30	16379.00
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	13678.10	13504.40	13450.30	13382.80	13275.60	13242.00	17452.30	17278.50	17224.50	17157.00	17049.80	17016.20
	H		RCC Grade M35													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	13031.20	12868.50	12817.90	12754.70	12654.30	12622.90	16627.40	16464.70	16414.10	16350.90	16250.60	16219.10
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	13315.50	13149.30	13097.60	13033.00	12930.40	12898.30	16990.10	16823.90	16772.20	16707.70	16605.10	16573.00
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	13741.90	13570.40	13517.10	13450.40	13344.60	13311.40	17534.30	17362.80	17309.40	17242.80	17136.90	17103.80
	I		RCC Grade M40													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	13227.00	13064.30	13013.70	12950.50	12850.20	12818.70	16869.60	16706.90	16656.30	16593.20	16492.80	16461.30
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	13515.60	13349.40	13297.70	13233.10	13130.50	13098.40	17237.60	17071.40	17019.70	16955.20	16852.60	16820.50
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	13948.40	13776.90	13723.60	13656.90	13551.10	13517.90	17789.70	17618.20	17564.90	17498.20	17392.40	17359.20
	J		RCC Grade M45													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	13271.40	13108.70	13058.10	12994.90	12894.60	12863.10	16921.70	16759.10	16708.50	16645.30	16544.90	16513.50
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	13560.90	13394.70	13343.00	13278.50	13175.90	13143.80	17290.90	17124.70	17073.00	17008.50	16905.90	16873.70
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	13995.30	13823.70	13770.40	13703.80	13597.90	13564.70	17844.70	17673.20	17619.80	17553.20	17447.30	17414.20
	K		RCC Grade M50													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	14114.80	13952.20	13901.60	13838.40	13738.00	13706.60	17912.20	17749.60	17699.00	17635.80	17535.40	17504.00
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	14422.80	14256.60	14204.90	14140.30	14037.80	14005.60	18303.00	18136.80	18085.10	18020.60	17918.00	17885.90
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	14884.70	14713.20	14659.90	14593.20	14487.40	14454.20	18889.20	18717.70	18664.40	18597.70	18491.90	18458.70
B 13.06			Supplying, fitting and placing HYSD bar reinforcement in sub structure complete as per drawing and technical specifications	MT	89308.80	89523.80	89872.60	119805.20	122365.30	126299.00	93211.00	93426.00	93774.70	123707.40	126267.40	130201.10
B 13.07			Supplying, fitting and placing Mild Steel reinforcement in sub structure complete as per drawing and technical specifications	MT	89308.80	89523.80	89872.60	119805.20	122365.30	126299.00	93211.00	93426.00	93774.70	123707.40	126267.40	130201.10
B 13.08			Providing weep holes in Brick masonry/Plain/ Reinforced concrete abutment, wing wall/ return wall with 100 mm dia AC pipe, extending through the full width of the structure with slope of 1V :20H towards drawing face. Complete as per drawing and Technical Specifications	Nos	2337.70	2337.70	2337.70	2328.40	2328.40	2328.40	2745.30	2745.30	2745.30	2736.00	2736.00	2736.00
B 13.09			Back filling behind abutment, wing wall and return wall complete as per drawing and Technical Specification													
	A		Granular material	Cum	2348.30	2348.30	2348.30	2099.20	2099.20	2099.20	2348.30	2348.30	2348.30	2099.20	2099.20	2099.20
	B		Sandy material	Cum	4760.20	4760.20	4760.20	4511.20	4511.20	4511.20	9497.70	9497.70	9497.70	9248.60	9248.60	9248.60

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	G		RCC Grade M30													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	13532.20	13369.60	13319.00	13255.80	13155.40	13123.90	14148.90	13986.30	13935.70	13872.50	13772.10	13740.70
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	13913.60	13746.30	13694.30	13629.40	13526.10	13493.80	14547.60	14380.40	14328.40	14263.40	14160.20	14127.90
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	14454.80	14281.10	14227.10	14159.60	14052.40	14018.80	15113.60	14939.90	14885.80	14818.30	14711.10	14677.50
	H		RCC Grade M35													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	13770.70	13608.00	13557.40	13494.30	13393.90	13362.40	14399.50	14236.90	14186.30	14123.10	14022.70	13991.30
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	14071.10	13904.90	13853.20	13788.70	13686.10	13654.00	14713.70	14547.50	14495.80	14431.30	14328.70	14296.60
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	14521.80	14350.30	14296.90	14230.30	14124.40	14091.30	15185.00	15013.50	14960.10	14893.50	14787.60	14754.50
	I		RCC Grade M40													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	13973.60	13811.00	13760.40	13697.20	13596.80	13565.40	14615.30	14452.60	14402.00	14338.90	14238.50	14207.00
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	14278.50	14112.30	14060.60	13996.10	13893.50	13861.40	14934.20	14768.00	14716.30	14651.70	14549.10	14517.00
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	14735.80	14564.30	14511.00	14444.30	14338.50	14305.30	15412.50	15241.00	15187.60	15121.00	15015.10	14982.00
	J		RCC Grade M45													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	14018.40	13855.80	13805.20	13742.00	13641.60	13610.20	14663.70	14501.10	14450.50	14387.30	14286.90	14255.50
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	14324.30	14158.10	14106.40	14041.90	13939.30	13907.10	14983.70	14817.50	14765.80	14701.20	14598.70	14566.50
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	14783.10	14611.60	14558.20	14491.60	14385.70	14352.60	15463.60	15292.10	15238.70	15172.10	15066.20	15033.10
	K		RCC Grade M50													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	14869.70	14707.00	14656.40	14593.20	14492.80	14461.40	15584.60	15422.00	15371.40	15308.20	15207.80	15176.30
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	15194.10	15027.90	14976.20	14911.60	14809.10	14776.90	15924.60	15758.40	15706.70	15642.20	15539.60	15507.50
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	15680.70	15509.20	15455.90	15389.20	15283.40	15250.20	16434.70	16263.10	16209.80	16143.20	16037.30	16004.10
B 13.06			Supplying, fitting and placing HYSD bar reinforcement in sub structure complete as per drawing and technical specifications	MT	90100.40	90315.40	90664.10	120596.80	123156.80	127090.50	90803.90	91018.90	91367.70	121300.30	123860.40	127794.10
B 13.07			Supplying, fitting and placing Mild Steel reinforcement in sub structure complete as per drawing and technical specifications	MT	90100.40	90315.40	90664.10	120596.80	123156.80	127090.50	90803.90	91018.90	91367.70	121300.30	123860.40	127794.10
B 13.08			Providing weep holes in Brick masonry/Plain/ Reinforced concrete abutment, wing wall/ return wall with 100 mm dia AC pipe, extending through the full width of the structure with slope of 1V :20H towards drawing face. Complete as per drawing and Technical Specifications	Nos	2360.70	2360.70	2360.70	2351.40	2351.40	2351.40	2550.70	2550.70	2550.70	2541.40	2541.40	2541.40
B 13.09			Back filling behind abutment, wing wall and return wall complete as per drawing and Technical Specification													
	A		Granular material	Cum	2348.30	2348.30	2348.30	2099.20	2099.20	2099.20	2348.30	2348.30	2348.30	2099.20	2099.20	2099.20
	B		Sandy material	Cum	5740.40	5740.40	5740.40	5491.30	5491.30	5491.30	6557.20	6557.20	6557.20	6308.10	6308.10	6308.10

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	G		RCC Grade M30													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	19617.80	19455.20	19404.60	19341.40	19241.00	19209.50	17795.30	17632.60	17582.00	17518.90	17418.50	17387.00
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	20170.70	20003.40	19951.40	19886.50	19783.20	19750.90	18296.80	18129.50	18077.50	18012.60	17909.40	17877.00
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	20955.40	20781.60	20727.60	20660.10	20552.90	20519.30	19008.60	18834.90	18780.80	18713.30	18606.10	18572.50
	H		RCC Grade M35													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	19963.70	19801.00	19750.50	19687.30	19586.90	19555.40	18109.50	17946.80	17896.20	17833.10	17732.70	17701.20
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	20399.30	20233.10	20181.40	20116.80	20014.20	19982.10	18504.60	18338.40	18286.70	18222.20	18119.60	18087.40
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	21052.60	20881.10	20827.70	20761.10	20655.30	20622.10	19097.30	18925.80	18872.40	18805.80	18699.90	18666.80
	I		RCC Grade M40													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	20242.70	20080.10	20029.50	19966.30	19865.90	19834.50	18367.70	18205.00	18154.40	18091.30	17990.90	17959.40
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	20684.40	20518.20	20466.50	20401.90	20299.30	20267.20	18768.40	18602.20	18550.50	18486.00	18383.40	18351.30
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	21346.90	21175.30	21122.00	21055.40	20949.50	20916.30	19369.60	19198.00	19144.70	19078.10	18972.20	18939.00
	J		RCC Grade M45													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	20298.90	20136.30	20085.70	20022.50	19922.10	19890.70	18421.40	18258.80	18208.20	18145.00	18044.60	18013.20
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	20741.80	20575.60	20523.90	20459.30	20356.80	20324.60	18823.40	18657.20	18605.50	18540.90	18438.30	18406.20
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	21406.10	21234.60	21181.20	21114.60	21008.80	20975.60	19426.30	19254.70	19201.40	19134.80	19028.90	18995.70
	K		RCC Grade M50													
	(p)		using batching plant & Concrete pump: <i>Height upto 5m</i>	Cum	21366.80	21204.10	21153.50	21090.40	20990.00	20958.50	19442.90	19280.30	19229.70	19166.50	19066.10	19034.60
	(q)		using batching plant transit mixer & Concrete pump <i>Height upto 5m to 10m</i>	Cum	21833.00	21666.80	21615.10	21550.50	21447.90	21415.80	19867.10	19700.90	19649.20	19584.70	19482.10	19449.90
	(r)		using batching plant transit mixer & Concrete pump <i>Height upto above 10m</i>	Cum	22532.20	22360.70	22307.40	22240.80	22134.90	22101.70	20503.40	20331.90	20278.50	20211.90	20106.10	20072.90
B 13.06			Supplying, fitting and placing HYSD bar reinforcement in sub structure complete as per drawing and technical specifications	MT	96802.70	97017.70	97366.40	127299.10	129859.10	133792.80	94804.90	95019.90	95368.70	125301.30	127861.30	131795.10
B 13.07			Supplying, fitting and placing Mild Steel reinforcement in sub structure complete as per drawing and technical specifications	MT	96802.70	97017.70	97366.40	127299.10	129859.10	133792.80	94804.90	95019.90	95368.70	125301.30	127861.30	131795.10
B 13.08			Providing weep holes in Brick masonry/Plain/ Reinforced concrete abutment, wing wall/ return wall with 100 mm dia AC pipe, extending through the full width of the structure with slope of 1V :20H towards drawing face. Complete as per drawing and Technical Specifications	Nos	2963.90	2963.90	2963.90	2954.60	2954.60	2954.60	2833.20	2833.20	2833.20	2823.90	2823.90	2823.90
B 13.09			Back filling behind abutment, wing wall and return wall complete as per drawing and Technical Specification													
	A		Granular material	Cum	2348.30	2348.30	2348.30	2099.20	2099.20	2099.20	2348.30	2348.30	2348.30	2099.20	2099.20	2099.20
	B		Sandy material	Cum	13908.40	13908.40	13908.40	13659.40	13659.40	13659.40	11458.00	11458.00	11458.00	11209.00	11209.00	11209.00

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B13.10			Providing and laying of Filter media with granular materials/stone crushed aggregates satisfying the requirements laid down in clause 2504.2.2. of MoRTH specifications to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and Technical Specification.	Cum	3123.00	3123.00	3123.00	2907.50	2907.50	2907.50	3123.00	3123.00	3123.00	2907.50	2907.50	2907.50
B 13.11			Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. Geocomposite for planar drainage, realized by thermobonding a draining core in extruded monofilaments with two filtering nonwoven geotextiles that may also be working as separation or protecting layers. The draining three dimensional core will have a “W” configuration as longitudinal parallel channels. Minimum thickness to be 7.2mm, with two filtering UV stabilized polypropylene nonwoven geotextile of minimum thickness of 0.75 mm having pores of 150 micron and tensile strength of 8.0 kN/m that will be working as separation or protecting layer, geocomposite having in plane flow capacity of 2.1 L / (m.s) at hydraulic gradient of 1.0 & 20 kpa pressure and tensile strength of 18 kN/m , with mass per unit area of 740 gsm, supplied in the form of roll for easy transportation to site of work as per detailed specification all complete as per directions of Engineer in charge.	Sqm	996.50	996.50	996.50	991.60	991.60	991.60	932.60	932.60	932.60	927.70	927.70	927.70
B 13.12			Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. having thermobonding a draining core - HDPE geonet comprises of two sets of parallel overlayed ribs integrally connected to have a rhomboidal shape with a polyethylene film and a nonwoven geotextile having mass per unit area 130 g/m2 and tensile strength of 8.0 kN/m that will be working as separation or protecting layer, geocomposite having in plane flow capacity of 0.7 L / (m.s) at hydraulic gradient of 1.0 & 20 kPa pressure and tensile strength of 13.5 kN/ m , with mass per unit area of 830 gsm, at easily accessible location including top and bottom, with all leads and lifts, manpower and machinery, materials, labour etc. complete and as directed by Engineer - In - Charge.	Sqm	1180.80	1180.80	1180.80	1175.80	1175.80	1175.80	1104.80	1104.80	1104.80	1099.90	1099.90	1099.90

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B13.10			Providing and laying of Filter media with granular materials/stone crushed aggregates satisfying the requirements laid down in clause 2504.2.2. of MoRTH specifications to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and Technical Specification.	Cum	3123.00	3123.00	3123.00	2907.50	2907.50	2907.50	3123.00	3123.00	3123.00	2907.50	2907.50	2907.50
B 13.11			Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. Geocomposite for planar drainage, realized by thermobonding a draining core in extruded monofilaments with two filtering nonwoven geotextiles that may also be working as separation or protecting layers. The draining three dimensional core will have a “W” configuration as longitudinal parallel channels. Minimum thickness to be 7.2mm, with two filtering UV stabilized polypropylene nonwoven geotextile of minimum thickness of 0.75 mm having pores of 150 micron and tensile strength of 8.0 kN/m that will be working as separation or protecting layer, geocomposite having in plane flow capacity of 2.1 L / (m.s) at hydraulic gradient of 1.0 & 20 kpa pressure and tensile strength of 18 kN/m , with mass per unit area of 740 gsm, supplied in the form of roll for easy transportation to site of work as per detailed specification all complete as per directions of Engineer in charge.	Sqm	996.50	996.50	996.50	991.60	991.60	991.60	1060.40	1060.40	1060.40	1055.50	1055.50	1055.50
B 13.12			Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. having thermobonding a draining core - HDPE geonet comprises of two sets of parallel overlayed ribs integrally connected to have a rhomboidal shape with a polyethylene film and a nonwoven geotextile having mass per unit area 130 g/m2 and tensile strength of 8.0 kN/m that will be working as separation or protecting layer, geocomposite having in plane flow capacity of 0.7 L / (m.s) at hydraulic gradient of 1.0 & 20 kPa pressure and tensile strength of 13.5 kN/ m , with mass per unit area of 830 gsm, at easily accessible location including top and bottom, with all leads and lifts, manpower and machinery, materials, labour etc. complete and as directed by Engineer - In - Charge.	Sqm	1180.80	1180.80	1180.80	1175.80	1175.80	1175.80	1256.70	1256.70	1256.70	1251.80	1251.80	1251.80

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B13.10			Providing and laying of Filter media with granular materials/stone crushed aggregates satisfying the requirements laid down in clause 2504.2.2. of MoRTH specifications to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and Technical Specification.	Cum	3123.00	3123.00	3123.00	2907.50	2907.50	2907.50	3123.00	3123.00	3123.00	2907.50	2907.50	2907.50
B 13.11			Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. Geocomposite for planar drainage, realized by thermobonding a draining core in extruded monofilaments with two filtering nonwoven geotextiles that may also be working as separation or protecting layers. The draining three dimensional core will have a “W” configuration as longitudinal parallel channels. Minimum thickness to be 7.2mm, with two filtering UV stabilized polypropylene nonwoven geotextile of minimum thickness of 0.75 mm having pores of 150 micron and tensile strength of 8.0 kN/m that will be working as separation or protecting layer, geocomposite having in plane flow capacity of 2.1 L / (m.s) at hydraulic gradient of 1.0 & 20 kpa pressure and tensile strength of 18 kN/m , with mass per unit area of 740 gsm, supplied in the form of roll for easy transportation to site of work as per detailed specification all complete as per directions of Engineer in charge.	Sqm	1179.10	1179.10	1179.10	1174.10	1174.10	1174.10	1151.70	1151.70	1151.70	1146.70	1146.70	1146.70
B 13.12			Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. having thermobonding a draining core - HDPE geonet comprises of two sets of parallel overlayed ribs integrally connected to have a rhomboidal shape with a polyethylene film and a nonwoven geotextile having mass per unit area 130 g/m2 and tensile strength of 8.0 kN/m that will be working as separation or protecting layer, geocomposite having in plane flow capacity of 0.7 L / (m.s) at hydraulic gradient of 1.0 & 20 kPa pressure and tensile strength of 13.5 kN/ m , with mass per unit area of 830 gsm, at easily accessible location including top and bottom, with all leads and lifts, manpower and machinery, materials, labour etc. complete and as directed by Engineer - In - Charge.	Sqm	1397.80	1397.80	1397.80	1392.80	1392.80	1392.80	1365.20	1365.20	1365.20	1360.30	1360.30	1360.30

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B13.10			Providing and laying of Filter media with granular materials/stone crushed aggregates satisfying the requirements laid down in clause 2504.2.2. of MoRTH specifications to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and Technical Specification.	Cum	3123.00	3123.00	3123.00	2907.50	2907.50	2907.50	3123.00	3123.00	3123.00	2907.50	2907.50	2907.50
B 13.11			Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. Geocomposite for planar drainage, realized by thermobonding a draining core in extruded monofilaments with two filtering nonwoven geotextiles that may also be working as separation or protecting layers. The draining three dimensional core will have a “W” configuration as longitudinal parallel channels. Minimum thickness to be 7.2mm, with two filtering UV stabilized polypropylene nonwoven geotextile of minimum thickness of 0.75 mm having pores of 150 micron and tensile strength of 8.0 kN/m that will be working as separation or protecting layer, geocomposite having in plane flow capacity of 2.1 L / (m.s) at hydraulic gradient of 1.0 & 20 kpa pressure and tensile strength of 18 kN/m , with mass per unit area of 740 gsm, supplied in the form of roll for easy transportation to site of work as per detailed specification all complete as per directions of Engineer in charge.	Sqm	1014.80	1014.80	1014.80	1009.80	1009.80	1009.80	1188.20	1188.20	1188.20	1183.20	1183.20	1183.20
B 13.12			Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. having thermobonding a draining core - HDPE geonet comprises of two sets of parallel overlayed ribs integrally connected to have a rhomboidal shape with a polyethylene film and a nonwoven geotextile having mass per unit area 130 g/m2 and tensile strength of 8.0 kN/m that will be working as separation or protecting layer, geocomposite having in plane flow capacity of 0.7 L / (m.s) at hydraulic gradient of 1.0 & 20 kPa pressure and tensile strength of 13.5 kN/ m , with mass per unit area of 830 gsm, at easily accessible location including top and bottom, with all leads and lifts, manpower and machinery, materials, labour etc. complete and as directed by Engineer - In - Charge.	Sqm	1202.50	1202.50	1202.50	1197.50	1197.50	1197.50	1408.60	1408.60	1408.60	1403.70	1403.70	1403.70

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B13.10			Providing and laying of Filter media with granular materials/stone crushed aggregates satisfying the requirements laid down in clause 2504.2.2. of MoRTH specifications to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and Technical Specification.	Cum	3123.00	3123.00	3123.00	2907.50	2907.50	2907.50	3123.00	3123.00	3123.00	2907.50	2907.50	2907.50
B 13.11			Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. Geocomposite for planar drainage, realized by thermobonding a draining core in extruded monofilaments with two filtering nonwoven geotextiles that may also be working as separation or protecting layers. The draining three dimensional core will have a “W” configuration as longitudinal parallel channels. Minimum thickness to be 7.2mm, with two filtering UV stabilized polypropylene nonwoven geotextile of minimum thickness of 0.75 mm having pores of 150 micron and tensile strength of 8.0 kN/m that will be working as separation or protecting layer, geocomposite having in plane flow capacity of 2.1 L / (m.s) at hydraulic gradient of 1.0 & 20 kpa pressure and tensile strength of 18 kN/m , with mass per unit area of 740 gsm, supplied in the form of roll for easy transportation to site of work as per detailed specification all complete as per directions of Engineer in charge.	Sqm	1023.90	1023.90	1023.90	1019.00	1019.00	1019.00	1106.00	1106.00	1106.00	1101.10	1101.10	1101.10
B 13.12			Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. having thermobonding a draining core - HDPE geonet comprises of two sets of parallel overlayed ribs integrally connected to have a rhomboidal shape with a polyethylene film and a nonwoven geotextile having mass per unit area 130 g/m2 and tensile strength of 8.0 kN/m that will be working as separation or protecting layer, geocomposite having in plane flow capacity of 0.7 L / (m.s) at hydraulic gradient of 1.0 & 20 kPa pressure and tensile strength of 13.5 kN/ m , with mass per unit area of 830 gsm, at easily accessible location including top and bottom, with all leads and lifts, manpower and machinery, materials, labour etc. complete and as directed by Engineer - In - Charge.	Sqm	1213.30	1213.30	1213.30	1208.40	1208.40	1208.40	1311.00	1311.00	1311.00	1306.00	1306.00	1306.00

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B13.10			Providing and laying of Filter media with granular materials/stone crushed aggregates satisfying the requirements laid down in clause 2504.2.2. of MoRTH specifications to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and Technical Specification.	Cum	3123.00	3123.00	3123.00	2907.50	2907.50	2907.50	3123.00	3123.00	3123.00	2907.50	2907.50	2907.50
B 13.11			Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. Geocomposite for planar drainage, realized by thermobonding a draining core in extruded monofilaments with two filtering nonwoven geotextiles that may also be working as separation or protecting layers. The draining three dimensional core will have a “W” configuration as longitudinal parallel channels. Minimum thickness to be 7.2mm, with two filtering UV stabilized polypropylene nonwoven geotextile of minimum thickness of 0.75 mm having pores of 150 micron and tensile strength of 8.0 kN/m that will be working as separation or protecting layer, geocomposite having in plane flow capacity of 2.1 L / (m.s) at hydraulic gradient of 1.0 & 20 kpa pressure and tensile strength of 18 kN/m , with mass per unit area of 740 gsm, supplied in the form of roll for easy transportation to site of work as per detailed specification all complete as per directions of Engineer in charge.	Sqm	1279.50	1279.50	1279.50	1274.50	1274.50	1274.50	1224.70	1224.70	1224.70	1219.80	1219.80	1219.80
B 13.12			Supplying & laying of drainage composite for use behind walls, between two different fills, alongside drains of road, below concrete lining of canals etc. having thermobonding a draining core - HDPE geonet comprises of two sets of parallel overlayed ribs integrally connected to have a rhomboidal shape with a polyethylene film and a nonwoven geotextile having mass per unit area 130 g/m2 and tensile strength of 8.0 kN/m that will be working as separation or protecting layer, geocomposite having in plane flow capacity of 0.7 L / (m.s) at hydraulic gradient of 1.0 & 20 kPa pressure and tensile strength of 13.5 kN/ m , with mass per unit area of 830 gsm, at easily accessible location including top and bottom, with all leads and lifts, manpower and machinery, materials, labour etc. complete and as directed by Engineer - In - Charge.	Sqm	1517.10	1517.10	1517.10	1512.20	1512.20	1512.20	1452.00	1452.00	1452.00	1447.10	1447.10	1447.10

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 13.13			Supplying, fitting and fixing in position true to line and level cast steel rocker bearing conforming to IRC: 83(Pt.-1) section IX and clause 2003 of MoRTH specifications complete including all accessories as per drawing and Technical Specifications.	Tonne	597.50	597.50	597.50	594.90	594.90	594.90	558.90	558.90	558.90	556.30	556.30	556.30
B 13.14			Supplying, fitting and fixing in position true to line and level forged steel roller bearing conforming to IRC: 83(Pt.-1) section IX and clause 2003 of MoRTH specifications complete including all accessories as per drawing and Technical Specifications.	Tonne	989.30	989.30	989.30	986.80	986.80	986.80	925.10	925.10	925.10	922.60	922.60	922.60
B 13.15			Supplying, fitting and fixing in position true to line and level sliding plate bearing with PTFE surface sliding on stainless steel complete including all accessories as per drawing and Technical Specifications and BS: 5400, section 9.1 & 9.2 (for PTFE) and clause 2004 of MoRTH Specifications.	Tonne	420.80	420.80	420.80	412.90	412.90	412.90	394.90	394.90	394.90	386.90	386.90	386.90
B 13.16			Supplying, fitting and fixing in position true to line and level elastomeric bearing conforming to IRC: 83 (Part-II) section IX and clause 2005 of MoRTH specifications complete including all accessories as per drawing and Technical Specifications.	Cum	1.70	1.70	1.70	1.70	1.70	1.70	1.60	1.60	1.60	1.60	1.60	1.60
B 13.17			Supplying, fitting and fixing in position true to line and level sliding plate bearing with stainless steel plate sliding on stainless steel plate with mild steel matrix complete including accessories as per drawing and technical specifications	Tonne	267.20	267.20	267.20	263.30	263.30	263.30	250.80	250.80	250.80	246.80	246.80	246.80
B 13.18			Supplying, fitting and fixing in position true to line and level POT-PTFE bearing consisting of metal piston supported by a disc or unreinforced elastomere confined within a metal cylinder, sealing rings, dust seals,PTFE surface sliding against stainless steel mating surface, complete assembly to be a cast steel/fabricated structural steel , metal and elastomer elements to be as per IRC: 83 Part - I & II respectively and other parts conforming to BS:5400, section 9.1 & 9.2 and clause 2006 of MoRTH specifications complete as per drawing and technical specifications	Tonne	379.70	379.70	379.70	377.40	377.40	377.40	355.40	355.40	355.40	353.20	353.20	353.20
B 13.19			Protection to sub-structure by using coal tar epoxy													
			Providing and applying 2 coats of 2 component, high build, 100% solid content, low VOC, polycyclin aromatic hydrocarbon based, Pot life -2 hrs @ 72 deg. F, Tack free 4-6 hrs, DFT per coat 80-120 microns (dry) coal tar epoxy coating with coal tar	Sqm	303.00	303.00	303.00	303.00	303.00	303.00	288.90	288.90	288.90	288.90	288.90	288.90
B 13.20			Providing structural steel for sub-structure completed as per drawing and technical specifications	MT	175672.30	175672.30	175672.30	166604.50	166604.50	166604.50	173003.00	173003.00	173003.00	163935.20	163935.20	163935.20

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 13.13			Supplying, fitting and fixing in position true to line and level cast steel rocker bearing conforming to IRC: 83(Pt.-1) section IX and clause 2003 of MoRTH specifications complete including all accessories as per drawing and Technical Specifications.	Tonne	597.50	597.50	597.50	594.90	594.90	594.90	636.00	636.00	636.00	633.50	633.50	633.50
B 13.14			Supplying, fitting and fixing in position true to line and level forged steel roller bearing conforming to IRC: 83(Pt.-1) section IX and clause 2003 of MoRTH specifications complete including all accessories as per drawing and Technical Specifications.	Tonne	989.30	989.30	989.30	986.80	986.80	986.80	1053.50	1053.50	1053.50	1051.00	1051.00	1051.00
B 13.15			Supplying, fitting and fixing in position true to line and level sliding plate bearing with PTFE surface sliding on stainless steel complete including all accessories as per drawing and Technical Specifications and BS: 5400, section 9.1 & 9.2 (for PTFE) and clause 2004 of MoRTH Specifications.	Tonne	420.80	420.80	420.80	412.90	412.90	412.90	446.70	446.70	446.70	438.80	438.80	438.80
B 13.16			Supplying, fitting and fixing in position true to line and level elastomeric bearing conforming to IRC: 83 (Part-II) section IX and clause 2005 of MoRTH specifications complete including all accessories as per drawing and Technical Specifications.	Cum	1.70	1.70	1.70	1.70	1.70	1.70	1.80	1.80	1.80	1.80	1.80	1.80
B 13.17			Supplying, fitting and fixing in position true to line and level sliding plate bearing with stainless steel plate sliding on stainless steel plate with mild steel matrix complete including accessories as per drawing and technical specifications	Tonne	267.20	267.20	267.20	263.30	263.30	263.30	283.70	283.70	283.70	279.70	279.70	279.70
B 13.18			Supplying, fitting and fixing in position true to line and level POT-PTFE bearing consisting of metal piston supported by a disc or unreinforced elastomere confined within a metal cylinder, sealing rings, dust seals,PTFE surface sliding against stainless steel mating surface, complete assembly to be a cast steel/fabricated structural steel , metal and elastomer elements to be as per IRC: 83 Part - I & II respectively and other parts conforming to BS:5400, section 9.1 & 9.2 and clause 2006 of MoRTH specifications complete as per drawing and technical specifications	Tonne	379.70	379.70	379.70	377.40	377.40	377.40	403.90	403.90	403.90	401.60	401.60	401.60
B 13.19			Protection to sub-structure by using coal tar epoxy													
			Providing and applying 2 coats of 2 component, high build, 100% solid content, low VOC, polycyclin aromatic hydrocarbon based, Pot life -2 hrs @ 72 deg. F, Tack free 4-6 hrs, DFT per coat 80-120 microns (dry) coal tar epoxy coating with coal tar	Sqm	303.00	303.00	303.00	303.00	303.00	303.00	317.10	317.10	317.10	317.10	317.10	317.10
B 13.20			Providing structural steel for sub-structure completed as per drawing and technical specifications	MT	175672.30	175672.30	175672.30	166604.50	166604.50	166604.50	179760.90	179760.90	179760.90	170693.10	170693.10	170693.10

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 13.13			Supplying, fitting and fixing in position true to line and level cast steel rocker bearing conforming to IRC: 83(Pt.-1) section IX and clause 2003 of MoRTH specifications complete including all accessories as per drawing and Technical Specifications.	Tonne	707.70	707.70	707.70	705.10	705.10	705.10	691.10	691.10	691.10	688.60	688.60	688.60
B 13.14			Supplying, fitting and fixing in position true to line and level forged steel roller bearing conforming to IRC: 83(Pt.-1) section IX and clause 2003 of MoRTH specifications complete including all accessories as per drawing and Technical Specifications.	Tonne	1172.80	1172.80	1172.80	1170.30	1170.30	1170.30	1145.30	1145.30	1145.30	1142.70	1142.70	1142.70
B 13.15			Supplying, fitting and fixing in position true to line and level sliding plate bearing with PTFE surface sliding on stainless steel complete including all accessories as per drawing and Technical Specifications and BS: 5400, section 9.1 & 9.2 (for PTFE) and clause 2004 of MoRTH Specifications.	Tonne	494.90	494.90	494.90	487.00	487.00	487.00	483.80	483.80	483.80	475.90	475.90	475.90
B 13.16			Supplying, fitting and fixing in position true to line and level elastomeric bearing conforming to IRC: 83 (Part-II) section IX and clause 2005 of MoRTH specifications complete including all accessories as per drawing and Technical Specifications.	Cum	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
B 13.17			Supplying, fitting and fixing in position true to line and level sliding plate bearing with stainless steel plate sliding on stainless steel plate with mild steel matrix complete including accessories as per drawing and technical specifications	Tonne	314.20	314.20	314.20	310.20	310.20	310.20	307.20	307.20	307.20	303.20	303.20	303.20
B 13.18			Supplying, fitting and fixing in position true to line and level POT-PTFE bearing consisting of metal piston supported by a disc or unreinforced elastomere confined within a metal cylinder, sealing rings, dust seals,PTFE surface sliding against stainless steel mating surface, complete assembly to be a cast steel/fabricated structural steel , metal and elastomer elements to be as per IRC: 83 Part - I & II respectively and other parts conforming to BS:5400, section 9.1 & 9.2 and clause 2006 of MoRTH specifications complete as per drawing and technical specifications	Tonne	448.90	448.90	448.90	446.70	446.70	446.70	438.50	438.50	438.50	436.30	436.30	436.30
B 13.19			Protection to sub-structure by using coal tar epoxy													
			Providing and applying 2 coats of 2 component, high build, 100% solid content, low VOC, polycyclin aromatic hydrocarbon based, Pot life -2 hrs @ 72 deg. F, Tack free 4-6 hrs, DFT per coat 80-120 microns (dry) coal tar epoxy coating with coal tar	Sqm	343.20	343.20	343.20	343.20	343.20	343.20	337.20	337.20	337.20	337.20	337.20	337.20
B 13.20			Providing structural steel for sub-structure completed as per drawing and technical specifications	MT	184879.70	184879.70	184879.70	175811.90	175811.90	175811.90	183698.50	183698.50	183698.50	174630.70	174630.70	174630.70

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 13.13			Supplying, fitting and fixing in position true to line and level cast steel rocker bearing conforming to IRC: 83(Pt.-1) section IX and clause 2003 of MoRTH specifications complete including all accessories as per drawing and Technical Specifications.	Tonne	608.50	608.50	608.50	605.90	605.90	605.90	713.20	713.20	713.20	710.60	710.60	710.60
B 13.14			Supplying, fitting and fixing in position true to line and level forged steel roller bearing conforming to IRC: 83(Pt.-1) section IX and clause 2003 of MoRTH specifications complete including all accessories as per drawing and Technical Specifications.	Tonne	1007.70	1007.70	1007.70	1005.10	1005.10	1005.10	1182.00	1182.00	1182.00	1179.40	1179.40	1179.40
B 13.15			Supplying, fitting and fixing in position true to line and level sliding plate bearing with PTFE surface sliding on stainless steel complete including all accessories as per drawing and Technical Specifications and BS: 5400, section 9.1 & 9.2 (for PTFE) and clause 2004 of MoRTH Specifications.	Tonne	428.20	428.20	428.20	420.30	420.30	420.30	498.60	498.60	498.60	490.70	490.70	490.70
B 13.16			Supplying, fitting and fixing in position true to line and level elastomeric bearing conforming to IRC: 83 (Part-II) section IX and clause 2005 of MoRTH specifications complete including all accessories as per drawing and Technical Specifications.	Cum	1.80	1.80	1.80	1.70	1.70	1.70	2.10	2.10	2.10	2.00	2.00	2.00
B 13.17			Supplying, fitting and fixing in position true to line and level sliding plate bearing with stainless steel plate sliding on stainless steel plate with mild steel matrix complete including accessories as per drawing and technical specifications	Tonne	271.90	271.90	271.90	268.00	268.00	268.00	316.60	316.60	316.60	312.60	312.60	312.60
B 13.18			Supplying, fitting and fixing in position true to line and level POT-PTFE bearing consisting of metal piston supported by a disc or unreinforced elastomere confined within a metal cylinder, sealing rings, dust seals,PTFE surface sliding against stainless steel mating surface, complete assembly to be a cast steel/fabricated structural steel , metal and elastomer elements to be as per IRC: 83 Part - I & II respectively and other parts conforming to BS:5400, section 9.1 & 9.2 and clause 2006 of MoRTH specifications complete as per drawing and technical specifications	Tonne	386.60	386.60	386.60	384.30	384.30	384.30	452.40	452.40	452.40	450.10	450.10	450.10
B 13.19			Protection to sub-structure by using coal tar epoxy													
			Providing and applying 2 coats of 2 component, high build, 100% solid content, low VOC, polycyclin aromatic hydrocarbon based, Pot life -2 hrs @ 72 deg. F, Tack free 4-6 hrs, DFT per coat 80-120 microns (dry) coal tar epoxy coating with coal tar	Sqm	307.00	307.00	307.00	307.00	307.00	307.00	345.20	345.20	345.20	345.20	345.20	345.20
B 13.20			Providing structural steel for sub-structure completed as per drawing and technical specifications	MT	176858.10	176858.10	176858.10	167790.30	167790.30	167790.30	185896.20	185896.20	185896.20	176828.30	176828.30	176828.30

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 13.13			Supplying, fitting and fixing in position true to line and level cast steel rocker bearing conforming to IRC: 83(Pt.-1) section IX and clause 2003 of MoRTH specifications complete including all accessories as per drawing and Technical Specifications.	Tonne	614.00	614.00	614.00	611.40	611.40	611.40	663.60	663.60	663.60	661.00	661.00	661.00
B 13.14			Supplying, fitting and fixing in position true to line and level forged steel roller bearing conforming to IRC: 83(Pt.-1) section IX and clause 2003 of MoRTH specifications complete including all accessories as per drawing and Technical Specifications.	Tonne	1016.90	1016.90	1016.90	1014.30	1014.30	1014.30	1099.40	1099.40	1099.40	1096.90	1096.90	1096.90
B 13.15			Supplying, fitting and fixing in position true to line and level sliding plate bearing with PTFE surface sliding on stainless steel complete including all accessories as per drawing and Technical Specifications and BS: 5400, section 9.1 & 9.2 (for PTFE) and clause 2004 of MoRTH Specifications.	Tonne	431.90	431.90	431.90	424.00	424.00	424.00	465.30	465.30	465.30	457.30	457.30	457.30
B 13.16			Supplying, fitting and fixing in position true to line and level elastomeric bearing conforming to IRC: 83 (Part-II) section IX and clause 2005 of MoRTH specifications complete including all accessories as per drawing and Technical Specifications.	Cum	1.80	1.80	1.80	1.80	1.80	1.80	1.90	1.90	1.90	1.90	1.90	1.90
B 13.17			Supplying, fitting and fixing in position true to line and level sliding plate bearing with stainless steel plate sliding on stainless steel plate with mild steel matrix complete including accessories as per drawing and technical specifications	Tonne	274.30	274.30	274.30	270.30	270.30	270.30	295.40	295.40	295.40	291.40	291.40	291.40
B 13.18			Supplying, fitting and fixing in position true to line and level POT-PTFE bearing consisting of metal piston supported by a disc or unreinforced elastomere confined within a metal cylinder, sealing rings, dust seals,PTFE surface sliding against stainless steel mating surface, complete assembly to be a cast steel/fabricated structural steel , metal and elastomer elements to be as per IRC: 83 Part - I & II respectively and other parts conforming to BS:5400, section 9.1 & 9.2 and clause 2006 of MoRTH specifications complete as per drawing and technical specifications	Tonne	390.00	390.00	390.00	387.80	387.80	387.80	421.20	421.20	421.20	419.00	419.00	419.00
B 13.19			Protection to sub-structure by using coal tar epoxy													
			Providing and applying 2 coats of 2 component, high build, 100% solid content, low VOC, polycyclin aromatic hydrocarbon based, Pot life -2 hrs @ 72 deg. F, Tack free 4-6 hrs, DFT per coat 80-120 microns (dry) coal tar epoxy coating with coal tar	Sqm	309.00	309.00	309.00	309.00	309.00	309.00	327.10	327.10	327.10	327.10	327.10	327.10
B 13.20			Providing structural steel for sub-structure completed as per drawing and technical specifications	MT	178030.20	178030.20	178030.20	168962.40	168962.40	168962.40	180951.40	180951.40	180951.40	171883.60	171883.60	171883.60

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 13.13			Supplying, fitting and fixing in position true to line and level cast steel rocker bearing conforming to IRC: 83(Pt.-1) section IX and clause 2003 of MoRTH specifications complete including all accessories as per drawing and Technical Specifications.	Tonne	768.30	768.30	768.30	765.70	765.70	765.70	735.20	735.20	735.20	732.70	732.70	732.70
B 13.14			Supplying, fitting and fixing in position true to line and level forged steel roller bearing conforming to IRC: 83(Pt.-1) section IX and clause 2003 of MoRTH specifications complete including all accessories as per drawing and Technical Specifications.	Tonne	1273.70	1273.70	1273.70	1271.20	1271.20	1271.20	1218.70	1218.70	1218.70	1216.10	1216.10	1216.10
B 13.15			Supplying, fitting and fixing in position true to line and level sliding plate bearing with PTFE surface sliding on stainless steel complete including all accessories as per drawing and Technical Specifications and BS: 5400, section 9.1 & 9.2 (for PTFE) and clause 2004 of MoRTH Specifications.	Tonne	535.70	535.70	535.70	527.70	527.70	527.70	513.40	513.40	513.40	505.50	505.50	505.50
B 13.16			Supplying, fitting and fixing in position true to line and level elastomeric bearing conforming to IRC: 83 (Part-II) section IX and clause 2005 of MoRTH specifications complete including all accessories as per drawing and Technical Specifications.	Cum	2.20	2.20	2.20	2.20	2.20	2.20	2.10	2.10	2.10	2.10	2.10	2.10
B 13.17			Supplying, fitting and fixing in position true to line and level sliding plate bearing with stainless steel plate sliding on stainless steel plate with mild steel matrix complete including accessories as per drawing and technical specifications	Tonne	340.00	340.00	340.00	336.10	336.10	336.10	325.90	325.90	325.90	322.00	322.00	322.00
B 13.18			Supplying, fitting and fixing in position true to line and level POT-PTFE bearing consisting of metal piston supported by a disc or unreinforced elastomere confined within a metal cylinder, sealing rings, dust seals,PTFE surface sliding against stainless steel mating surface, complete assembly to be a cast steel/fabricated structural steel , metal and elastomer elements to be as per IRC: 83 Part - I & II respectively and other parts conforming to BS:5400, section 9.1 & 9.2 and clause 2006 of MoRTH specifications complete as per drawing and technical specifications	Tonne	487.00	487.00	487.00	484.80	484.80	484.80	466.20	466.20	466.20	464.00	464.00	464.00
B 13.19			Protection to sub-structure by using coal tar epoxy													
			Providing and applying 2 coats of 2 component, high build, 100% solid content, low VOC, polycyclin aromatic hydrocarbon based, Pot life -2 hrs @ 72 deg. F, Tack free 4-6 hrs, DFT per coat 80-120 microns (dry) coal tar epoxy coating with coal tar	Sqm	365.30	365.30	365.30	365.30	365.30	365.30	353.20	353.20	353.20	353.20	353.20	353.20
B 13.20			Providing structural steel for sub-structure completed as per drawing and technical specifications	MT	192480.00	192480.00	192480.00	183412.20	183412.20	183412.20	188716.50	188716.50	188716.50	179648.70	179648.70	179648.70

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			14 : SUPER-STRUCTURE													
B 14.01			Furnishing and Placing Reinforced/ Prestressed cement concrete in super-structure as per drawing and Technical Specification													
	A		RCC Grade M20													
			Using Batching Plant, Transit Mixer and Concrete Pump													
	(i)		<i>For solid slab super-structure</i>													
	(p)		Height upto 5m	Cum	12353.90	12176.10	12120.90	12145.20	12035.70	12001.90	11636.80	11459.10	11403.90	11428.20	11318.60	11284.90
	(q)		Height 5m to 10m	Cum	12868.60	12683.50	12626.00	12651.30	12537.20	12502.00	12121.70	11936.50	11879.10	11904.40	11790.30	11755.10
	(r)		Height above 10m	Cum	13383.30	13190.80	13131.00	13157.30	13038.70	13002.10	12606.50	12414.00	12354.20	12380.50	12261.90	12225.30
	(ii)		<i>For T-Beam & Slab</i>													
	(p)		Height upto 5m	Cum	12868.60	12683.50	12626.00	12651.30	12537.20	12502.00	12121.70	11936.50	11879.10	11904.40	11790.30	11755.10
	(q)		Height 5m to 10m	Cum	13383.30	13190.80	13131.00	13157.30	13038.70	13002.10	12606.50	12414.00	12354.20	12380.50	12261.90	12225.30
	(r)		Height above 10m	Cum	13898.10	13698.10	13636.10	13663.40	13540.20	13502.10	13091.40	12891.50	12829.40	12856.70	12733.50	12695.50
	B		RCC Grade M25													
			Using Batching Plant, Transir Mixer and Concrete Pump													
	(i)		<i>For solid slab super-structure</i>													
	(p)		Height upto 5m	Cum	13166.60	12988.90	12933.70	12949.10	12839.60	12805.80	12406.20	12228.50	12173.30	12188.70	12079.20	12045.40
	(q)		Height 5m to 10m	Cum	13715.30	13530.10	13472.60	13488.70	13374.60	13339.40	12923.20	12738.00	12680.50	12696.60	12582.50	12547.30
	(r)		Height above 10m	Cum	14263.90	14071.30	14011.50	14028.20	13909.60	13873.00	13440.10	13247.60	13187.80	13204.50	13085.80	13049.20
	(ii)		<i>For T-Beam & Slab</i>													
	(p)		Height upto 5m	Cum	13715.30	13530.10	13472.60	13488.70	13374.60	13339.40	12923.20	12738.00	12680.50	12696.60	12582.50	12547.30
	(q)		Height 5m to 10m	Cum	14263.90	14071.30	14011.50	14028.20	13909.60	13873.00	13440.10	13247.60	13187.80	13204.50	13085.80	13049.20
	(r)		Height above 10m	Cum	14812.50	14612.50	14550.40	14567.80	14444.60	14406.50	13957.00	13757.10	13695.00	13712.30	13589.10	13551.10
	C		RCC Grade M30													
			Using Batching Plant, Transir Mixer and Concrete Pump													
	(i)		<i>For solid slab super-structure</i>													
	(p)		Height upto 5m	Cum	13237.00	13059.20	13004.00	13019.50	12909.90	12876.10	12472.50	12294.80	12239.60	12255.00	12145.50	12111.70
	(q)		Height 5m to 10m	Cum	13788.50	13603.40	13545.90	13561.90	13447.80	13412.60	12992.20	12807.10	12749.60	12765.70	12651.60	12616.40
	(r)		Height above 10m	Cum	14340.00	14147.50	14087.70	14104.40	13985.80	13949.20	13511.90	13319.40	13259.60	13276.30	13157.60	13121.00
	(ii)		<i>For T-Beam & Slab</i>													
	(p)		Height upto 5m	Cum	13788.50	13603.40	13545.90	13561.90	13447.80	13412.60	12992.20	12807.10	12749.60	12765.70	12651.60	12616.40
	(q)		Height 5m to 10m	Cum	14340.00	14147.50	14087.70	14104.40	13985.80	13949.20	13511.90	13319.40	13259.60	13276.30	13157.60	13121.00
	(r)		Height above 10m	Cum	14891.60	14691.60	14629.60	14646.90	14523.70	14485.70	14031.60	13831.70	13769.60	13786.90	13663.70	13625.70
	D		RCC/PSC Grade M35													
			Using Batching Plant, Transir Mixer and Concrete Pump													
	(i)		<i>For solid slab super-structure</i>													
	(p)		Height upto 5m	Cum	13246.20	13071.50	13017.20	13032.40	12924.70	12891.40	12482.00	12307.20	12253.00	12268.10	12160.40	12127.20
	(q)		Height 5m to 10m	Cum	13807.50	13625.30	13568.80	13584.60	13472.30	13437.70	13010.90	12828.70	12772.20	12788.00	12675.70	12641.10
	(r)		Height above 10m	Cum	14368.80	14179.20	14120.40	14136.80	14020.00	13983.90	13539.80	13350.20	13291.40	13307.80	13191.00	13154.90
	(ii)		<i>For T-Beam & Slab</i>													
	(p)		Height upto 5m	Cum	13807.50	13625.30	13568.80	13584.60	13472.30	13437.70	13010.90	12828.70	12772.20	12788.00	12675.70	12641.10
	(q)		Height 5m to 10m	Cum	14368.80	14179.20	14120.40	14136.80	14020.00	13983.90	13539.80	13350.20	13291.40	13307.80	13191.00	13154.90
	(r)		Height above 10m	Cum	14930.10	14733.10	14671.90	14689.00	14567.60	14530.20	14068.70	13871.70	13810.60	13827.60	13706.20	13668.80

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			14 : SUPER-STRUCTURE													
B 14.01			Furnishing and Placing Reinforced/ Prestressed cement concrete in super-structure as per drawing and Technical Specification													
	A		RCC Grade M20													
			Using Batching Plant, Transit Mixer and Concrete Pump													
	(i)		<i>For solid slab super-structure</i>													
	(p)		Height upto 5m	Cum	12353.90	12176.10	12120.90	12145.20	12035.70	12001.90	14233.90	14056.20	14001.00	14025.30	13915.80	13882.00
	(q)		Height 5m to 10m	Cum	12868.60	12683.50	12626.00	12651.30	12537.20	12502.00	14827.00	14641.90	14584.40	14609.70	14495.60	14460.40
	(r)		Height above 10m	Cum	13383.30	13190.80	13131.00	13157.30	13038.70	13002.10	15420.10	15227.50	15167.80	15194.10	15075.40	15038.80
	(ii)		<i>For T-Beam & Slab</i>													
	(p)		Height upto 5m	Cum	12868.60	12683.50	12626.00	12651.30	12537.20	12502.00	14827.00	14641.90	14584.40	14609.70	14495.60	14460.40
	(q)		Height 5m to 10m	Cum	13383.30	13190.80	13131.00	13157.30	13038.70	13002.10	15420.10	15227.50	15167.80	15194.10	15075.40	15038.80
	(r)		Height above 10m	Cum	13898.10	13698.10	13636.10	13663.40	13540.20	13502.10	16013.20	15813.20	15751.10	15778.50	15655.20	15617.20
	B		RCC Grade M25													
			Using Batching Plant, Transir Mixer and Concrete Pump													
	(i)		<i>For solid slab super-structure</i>													
	(p)		Height upto 5m	Cum	13166.60	12988.90	12933.70	12949.10	12839.60	12805.80	15183.70	15005.90	14950.70	14966.20	14856.60	14822.80
	(q)		Height 5m to 10m	Cum	13715.30	13530.10	13472.60	13488.70	13374.60	13339.40	15816.30	15631.20	15573.70	15589.70	15475.60	15440.40
	(r)		Height above 10m	Cum	14263.90	14071.30	14011.50	14028.20	13909.60	13873.00	16449.00	16256.40	16196.60	16213.30	16094.70	16058.10
	(ii)		<i>For T-Beam & Slab</i>													
	(p)		Height upto 5m	Cum	13715.30	13530.10	13472.60	13488.70	13374.60	13339.40	15816.30	15631.20	15573.70	15589.70	15475.60	15440.40
	(q)		Height 5m to 10m	Cum	14263.90	14071.30	14011.50	14028.20	13909.60	13873.00	16449.00	16256.40	16196.60	16213.30	16094.70	16058.10
	(r)		Height above 10m	Cum	14812.50	14612.50	14550.40	14567.80	14444.60	14406.50	17081.60	16881.70	16819.60	16836.90	16713.70	16675.70
C			RCC Grade M30													
			Using Batching Plant, Transir Mixer and Concrete Pump													
	(i)		<i>For solid slab super-structure</i>													
	(p)		Height upto 5m	Cum	13237.00	13059.20	13004.00	13019.50	12909.90	12876.10	15263.90	15086.10	15030.90	15046.40	14936.80	14903.00
	(q)		Height 5m to 10m	Cum	13788.50	13603.40	13545.90	13561.90	13447.80	13412.60	15899.80	15714.70	15657.20	15673.30	15559.20	15524.00
	(r)		Height above 10m	Cum	14340.00	14147.50	14087.70	14104.40	13985.80	13949.20	16535.80	16343.30	16283.50	16300.20	16181.50	16144.90
	(ii)		<i>For T-Beam & Slab</i>													
	(p)		Height upto 5m	Cum	13788.50	13603.40	13545.90	13561.90	13447.80	13412.60	15899.80	15714.70	15657.20	15673.30	15559.20	15524.00
	(q)		Height 5m to 10m	Cum	14340.00	14147.50	14087.70	14104.40	13985.80	13949.20	16535.80	16343.30	16283.50	16300.20	16181.50	16144.90
	(r)		Height above 10m	Cum	14891.60	14691.60	14629.60	14646.90	14523.70	14485.70	17171.80	16971.90	16909.80	16927.10	16803.90	16765.90
	D		RCC/PSC Grade M35													
			Using Batching Plant, Transir Mixer and Concrete Pump													
	(i)		<i>For solid slab super-structure</i>													
	(p)		Height upto 5m	Cum	13246.20	13071.50	13017.20	13032.40	12924.70	12891.40	15277.10	15102.30	15048.10	15063.20	14955.50	14922.30
	(q)		Height 5m to 10m	Cum	13807.50	13625.30	13568.80	13584.60	13472.30	13437.70	15924.40	15742.30	15685.70	15701.50	15589.20	15554.60
	(r)		Height above 10m	Cum	14368.80	14179.20	14120.40	14136.80	14020.00	13983.90	16571.80	16382.20	16323.30	16339.80	16222.90	16186.90
	(ii)		<i>For T-Beam & Slab</i>													
	(p)		Height upto 5m	Cum	13807.50	13625.30	13568.80	13584.60	13472.30	13437.70	15924.40	15742.30	15685.70	15701.50	15589.20	15554.60
	(q)		Height 5m to 10m	Cum	14368.80	14179.20	14120.40	14136.80	14020.00	13983.90	16571.80	16382.20	16323.30	16339.80	16222.90	16186.90
	(r)		Height above 10m	Cum	14930.10	14733.10	14671.90	14689.00	14567.60	14530.20	17219.10	17022.10	16960.90	16978.00	16856.60	16819.20

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			14 : SUPER-STRUCTURE													
B 14.01			Furnishing and Placing Reinforced/ Prestressed cement concrete in super-structure as per drawing and Technical Specification													
	A		RCC Grade M20													
			Using Batching Plant, Transit Mixer and Concrete Pump													
	(i)		<i>For solid slab super-structure</i>													
	(p)		Height upto 5m	Cum	15848.50	15670.70	15615.60	15639.80	15530.30	15496.50	15475.90	15298.20	15243.00	15267.30	15157.70	15123.90
	(q)		Height 5m to 10m	Cum	16508.80	16323.70	16266.20	16291.50	16177.40	16142.20	16120.70	15935.60	15878.10	15903.40	15789.30	15754.10
	(r)		Height above 10m	Cum	17169.20	16976.60	16916.90	16943.20	16824.50	16787.90	16765.50	16573.00	16513.20	16539.50	16420.90	16384.30
	(ii)		<i>For T-Beam & Slab</i>													
	(p)		Height upto 5m	Cum	16508.80	16323.70	16266.20	16291.50	16177.40	16142.20	16120.70	15935.60	15878.10	15903.40	15789.30	15754.10
	(q)		Height 5m to 10m	Cum	17169.20	16976.60	16916.90	16943.20	16824.50	16787.90	16765.50	16573.00	16513.20	16539.50	16420.90	16384.30
	(r)		Height above 10m	Cum	17829.50	17629.60	17567.50	17594.80	17471.60	17433.60	17410.40	17210.40	17148.30	17175.70	17052.40	17014.40
	B		RCC Grade M25													
			Using Batching Plant, Transir Mixer and Concrete Pump													
	(i)		<i>For solid slab super-structure</i>													
	(p)		Height upto 5m	Cum	16908.60	16730.90	16675.70	16691.10	16581.60	16547.80	16510.50	16332.80	16277.60	16293.00	16183.50	16149.70
	(q)		Height 5m to 10m	Cum	17613.10	17428.00	17370.50	17386.60	17272.50	17237.30	17198.50	17013.30	16955.90	16971.90	16857.80	16822.60
	(r)		Height above 10m	Cum	18317.70	18125.10	18065.30	18082.00	17963.40	17926.80	17886.40	17693.90	17634.10	17650.80	17532.10	17495.50
	(ii)		<i>For T-Beam & Slab</i>													
	(p)		Height upto 5m	Cum	17613.10	17428.00	17370.50	17386.60	17272.50	17237.30	17198.50	17013.30	16955.90	16971.90	16857.80	16822.60
	(q)		Height 5m to 10m	Cum	18317.70	18125.10	18065.30	18082.00	17963.40	17926.80	17886.40	17693.90	17634.10	17650.80	17532.10	17495.50
	(r)		Height above 10m	Cum	19022.20	18822.20	18760.20	18777.50	18654.30	18616.30	18574.40	18374.40	18312.30	18329.70	18206.40	18168.40
	C		RCC Grade M30													
			Using Batching Plant, Transir Mixer and Concrete Pump													
	(i)		<i>For solid slab super-structure</i>													
	(p)		Height upto 5m	Cum	16998.10	16820.40	16765.20	16780.60	16671.10	16637.30	16597.90	16420.20	16365.00	16380.40	16270.90	16237.10
	(q)		Height 5m to 10m	Cum	17706.40	17521.30	17463.80	17479.80	17365.70	17330.50	17289.50	17104.40	17046.90	17062.90	16948.80	16913.60
	(r)		Height above 10m	Cum	18414.70	18222.10	18162.30	18179.00	18060.40	18023.80	17981.10	17788.50	17728.80	17745.50	17626.80	17590.20
	(ii)		<i>For T-Beam & Slab</i>													
	(p)		Height upto 5m	Cum	17706.40	17521.30	17463.80	17479.80	17365.70	17330.50	17289.50	17104.40	17046.90	17062.90	16948.80	16913.60
	(q)		Height 5m to 10m	Cum	18414.70	18222.10	18162.30	18179.00	18060.40	18023.80	17981.10	17788.50	17728.80	17745.50	17626.80	17590.20
	(r)		Height above 10m	Cum	19122.90	18923.00	18860.90	18878.20	18755.00	18717.00	18672.70	18472.70	18410.60	18428.00	18304.80	18266.70
	D		RCC/PSC Grade M35													
			Using Batching Plant, Transir Mixer and Concrete Pump													
	(i)		<i>For solid slab super-structure</i>													
	(p)		Height upto 5m	Cum	17013.80	16839.10	16784.80	16800.00	16692.30	16659.00	16613.10	16438.30	16384.00	16399.20	16291.50	16258.20
	(q)		Height 5m to 10m	Cum	17734.80	17552.60	17496.00	17511.80	17399.60	17364.90	17317.00	17134.80	17078.30	17094.10	16981.80	16947.10
	(r)		Height above 10m	Cum	18455.70	18266.10	18207.20	18223.70	18106.90	18070.80	18020.90	17831.40	17772.50	17788.90	17672.10	17636.10
	(ii)		<i>For T-Beam & Slab</i>													
	(p)		Height upto 5m	Cum	17734.80	17552.60	17496.00	17511.80	17399.60	17364.90	17317.00	17134.80	17078.30	17094.10	16981.80	16947.10
	(q)		Height 5m to 10m	Cum	18455.70	18266.10	18207.20	18223.70	18106.90	18070.80	18020.90	17831.40	17772.50	17788.90	17672.10	17636.10
	(r)		Height above 10m	Cum	19176.60	18979.60	18918.50	18935.60	18814.20	18776.70	18724.90	18527.90	18466.70	18483.80	18362.40	18325.00

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			14 : SUPER-STRUCTURE													
B 14.01			Furnishing and Placing Reinforced/ Prestressed cement concrete in super-structure as per drawing and Technical Specification													
	A		RCC Grade M20													
			Using Batching Plant, Transit Mixer and Concrete Pump													
	(i)		<i>For solid slab super-structure</i>													
	(p)		Height upto 5m	Cum	12872.40	12694.70	12639.50	12663.80	12554.30	12520.50	16466.40	16288.60	16233.40	16257.70	16148.20	16114.40
	(q)		Height 5m to 10m	Cum	13408.80	13223.60	13166.20	13191.50	13077.40	13042.20	17152.50	16967.30	16909.80	16935.10	16821.00	16785.80
	(r)		Height above 10m	Cum	13945.10	13752.60	13692.80	13719.10	13600.50	13563.80	17838.50	17646.00	17586.20	17612.50	17493.90	17457.30
	(ii)		<i>For T-Beam & Slab</i>													
	(p)		Height upto 5m	Cum	13408.80	13223.60	13166.20	13191.50	13077.40	13042.20	17152.50	16967.30	16909.80	16935.10	16821.00	16785.80
	(q)		Height 5m to 10m	Cum	13945.10	13752.60	13692.80	13719.10	13600.50	13563.80	17838.50	17646.00	17586.20	17612.50	17493.90	17457.30
	(r)		Height above 10m	Cum	14481.50	14281.50	14219.40	14246.80	14123.50	14085.50	18524.60	18324.70	18262.60	18289.90	18166.70	18128.70
	B		RCC Grade M25													
			Using Batching Plant, Transir Mixer and Concrete Pump													
	(i)		<i>For solid slab super-structure</i>													
	(p)		Height upto 5m	Cum	13731.40	13553.70	13498.50	13513.90	13404.30	13370.60	17567.20	17389.50	17334.30	17349.70	17240.10	17206.40
	(q)		Height 5m to 10m	Cum	14303.50	14118.40	14060.90	14077.00	13962.90	13927.70	18299.10	18114.00	18056.50	18072.60	17958.50	17923.30
	(r)		Height above 10m	Cum	14875.70	14683.10	14623.30	14640.00	14521.40	14484.80	19031.10	18838.60	18778.80	18795.50	18676.80	18640.20
	(ii)		<i>For T-Beam & Slab</i>													
	(p)		Height upto 5m	Cum	14303.50	14118.40	14060.90	14077.00	13962.90	13927.70	18299.10	18114.00	18056.50	18072.60	17958.50	17923.30
	(q)		Height 5m to 10m	Cum	14875.70	14683.10	14623.30	14640.00	14521.40	14484.80	19031.10	18838.60	18778.80	18795.50	18676.80	18640.20
	(r)		Height above 10m	Cum	15447.80	15247.90	15185.80	15203.10	15079.90	15041.90	19763.10	19563.10	19501.00	19518.40	19395.20	19357.10
	C		RCC Grade M30													
			Using Batching Plant, Transir Mixer and Concrete Pump													
	(i)		<i>For solid slab super-structure</i>													
	(p)		Height upto 5m	Cum	13805.00	13627.20	13572.10	13587.50	13477.90	13444.10	17659.50	17481.70	17426.50	17442.00	17332.40	17298.60
	(q)		Height 5m to 10m	Cum	14380.20	14195.00	14137.60	14153.60	14039.50	14004.30	18395.30	18210.10	18152.60	18168.70	18054.60	18019.40
	(r)		Height above 10m	Cum	14955.40	14762.80	14703.10	14719.80	14601.10	14564.50	19131.10	18938.50	18878.70	18895.40	18776.80	18740.20
	(ii)		<i>For T-Beam & Slab</i>													
	(p)		Height upto 5m	Cum	14380.20	14195.00	14137.60	14153.60	14039.50	14004.30	18395.30	18210.10	18152.60	18168.70	18054.60	18019.40
	(q)		Height 5m to 10m	Cum	14955.40	14762.80	14703.10	14719.80	14601.10	14564.50	19131.10	18938.50	18878.70	18895.40	18776.80	18740.20
	(r)		Height above 10m	Cum	15530.60	15330.60	15268.60	15285.90	15162.70	15124.70	19866.90	19666.90	19604.90	19622.20	19499.00	19461.00
	D		RCC/PSC Grade M35													
			Using Batching Plant, Transir Mixer and Concrete Pump													
	(i)		<i>For solid slab super-structure</i>													
	(p)		Height upto 5m	Cum	13817.50	13642.70	13588.40	13603.60	13495.90	13462.60	17675.20	17500.40	17446.20	17461.30	17353.60	17320.40
	(q)		Height 5m to 10m	Cum	14402.90	14220.80	14164.20	14180.00	14067.70	14033.10	18424.20	18242.00	18185.40	18201.20	18088.90	18054.30
	(r)		Height above 10m	Cum	14988.40	14798.80	14740.00	14756.40	14639.60	14603.50	19173.10	18983.50	18924.70	18941.10	18824.30	18788.20
	(ii)		<i>For T-Beam & Slab</i>													
	(p)		Height upto 5m	Cum	14402.90	14220.80	14164.20	14180.00	14067.70	14033.10	18424.20	18242.00	18185.40	18201.20	18088.90	18054.30
	(q)		Height 5m to 10m	Cum	14988.40	14798.80	14740.00	14756.40	14639.60	14603.50	19173.10	18983.50	18924.70	18941.10	18824.30	18788.20
	(r)		Height above 10m	Cum	15573.90	15376.90	15315.80	15332.90	15211.40	15174.00	19922.10	19725.10	19663.90	19681.00	19559.60	19522.10

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			14 : SUPER-STRUCTURE													
B 14.01			Furnishing and Placing Reinforced/ Prestressed cement concrete in super-structure as per drawing and Technical Specification													
	A		RCC Grade M20													
			Using Batching Plant, Transit Mixer and Concrete Pump													
	(i)		<i>For solid slab super-structure</i>													
	(p)		Height upto 5m	Cum	13613.70	13436.00	13380.80	13405.10	13295.60	13261.80	14237.80	14060.10	14004.90	14029.20	13919.60	13885.90
	(q)		Height 5m to 10m	Cum	14181.00	13995.80	13938.30	13963.60	13849.50	13814.30	14831.10	14645.90	14588.40	14613.70	14499.60	14464.40
	(r)		Height above 10m	Cum	14748.20	14555.70	14495.90	14522.20	14403.50	14366.90	15424.30	15231.70	15172.00	15198.30	15079.60	15043.00
	(ii)		<i>For T-Beam & Slab</i>													
	(p)		Height upto 5m	Cum	14181.00	13995.80	13938.30	13963.60	13849.50	13814.30	14831.10	14645.90	14588.40	14613.70	14499.60	14464.40
	(q)		Height 5m to 10m	Cum	14748.20	14555.70	14495.90	14522.20	14403.50	14366.90	15424.30	15231.70	15172.00	15198.30	15079.60	15043.00
	(r)		Height above 10m	Cum	15315.40	15115.50	15053.40	15080.70	14957.50	14919.50	16017.50	15817.60	15755.50	15782.80	15659.60	15621.60
	B		RCC Grade M25													
			Using Batching Plant, Transir Mixer and Concrete Pump													
	(i)		<i>For solid slab super-structure</i>													
	(p)		Height upto 5m	Cum	14521.40	14343.70	14288.50	14303.90	14194.40	14160.60	15189.70	15012.00	14956.80	14972.20	14862.70	14828.90
	(q)		Height 5m to 10m	Cum	15126.50	14941.30	14883.90	14899.90	14785.80	14750.60	15822.70	15637.50	15580.00	15596.10	15482.00	15446.80
	(r)		Height above 10m	Cum	15731.50	15539.00	15479.20	15495.90	15377.30	15340.60	16455.60	16263.00	16203.20	16219.90	16101.30	16064.70
	(ii)		<i>For T-Beam & Slab</i>													
	(p)		Height upto 5m	Cum	15126.50	14941.30	14883.90	14899.90	14785.80	14750.60	15822.70	15637.50	15580.00	15596.10	15482.00	15446.80
	(q)		Height 5m to 10m	Cum	15731.50	15539.00	15479.20	15495.90	15377.30	15340.60	16455.60	16263.00	16203.20	16219.90	16101.30	16064.70
	(r)		Height above 10m	Cum	16336.60	16136.70	16074.60	16091.90	15968.70	15930.70	17088.50	16888.50	16826.40	16843.80	16720.50	16682.50
C			RCC Grade M30													
			Using Batching Plant, Transir Mixer and Concrete Pump													
	(i)		<i>For solid slab super-structure</i>													
	(p)		Height upto 5m	Cum	14598.20	14420.50	14365.30	14380.70	14271.20	14237.40	15271.00	15093.30	15038.10	15053.50	14944.00	14910.20
	(q)		Height 5m to 10m	Cum	15206.50	15021.40	14963.90	14979.90	14865.80	14830.60	15907.30	15722.20	15664.70	15680.70	15566.60	15531.40
	(r)		Height above 10m	Cum	15814.80	15622.20	15562.40	15579.10	15460.50	15423.90	16543.60	16351.10	16291.30	16308.00	16189.30	16152.70
	(ii)		<i>For T-Beam & Slab</i>													
	(p)		Height upto 5m	Cum	15206.50	15021.40	14963.90	14979.90	14865.80	14830.60	15907.30	15722.20	15664.70	15680.70	15566.60	15531.40
	(q)		Height 5m to 10m	Cum	15814.80	15622.20	15562.40	15579.10	15460.50	15423.90	16543.60	16351.10	16291.30	16308.00	16189.30	16152.70
	(r)		Height above 10m	Cum	16423.00	16223.10	16161.00	16178.30	16055.10	16017.10	17179.90	16979.90	16917.90	16935.20	16812.00	16774.00
	D		RCC/PSC Grade M35													
			Using Batching Plant, Transir Mixer and Concrete Pump													
	(i)		<i>For solid slab super-structure</i>													
	(p)		Height upto 5m	Cum	14610.80	14436.00	14381.70	14396.90	14289.20	14256.00	15285.40	15110.60	15056.30	15071.50	14963.80	14930.50
	(q)		Height 5m to 10m	Cum	15229.90	15047.70	14991.10	15006.90	14894.70	14860.00	15933.00	15750.90	15694.30	15710.10	15597.80	15563.20
	(r)		Height above 10m	Cum	15849.00	15659.40	15600.50	15617.00	15500.10	15464.10	16580.70	16391.20	16332.30	16348.70	16231.90	16195.90
	(ii)		<i>For T-Beam & Slab</i>													
	(p)		Height upto 5m	Cum	15229.90	15047.70	14991.10	15006.90	14894.70	14860.00	15933.00	15750.90	15694.30	15710.10	15597.80	15563.20
	(q)		Height 5m to 10m	Cum	15849.00	15659.40	15600.50	15617.00	15500.10	15464.10	16580.70	16391.20	16332.30	16348.70	16231.90	16195.90
	(r)		Height above 10m	Cum	16468.10	16271.10	16209.90	16227.00	16105.60	16068.10	17228.40	17031.40	16970.30	16987.40	16866.00	16828.50

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			14 : SUPER-STRUCTURE													
B 14.01			Furnishing and Placing Reinforced/ Prestressed cement concrete in super-structure as per drawing and Technical Specification													
	A		RCC Grade M20													
			Using Batching Plant, Transit Mixer and Concrete Pump													
	(i)		<i>For solid slab super-structure</i>													
	(p)		Height upto 5m	Cum	19806.50	19628.70	19573.50	19597.80	19488.30	19454.50	17950.50	17772.80	17717.60	17741.90	17632.30	17598.50
	(q)		Height 5m to 10m	Cum	20631.70	20446.60	20389.10	20414.40	20300.30	20265.10	18698.40	18513.30	18455.80	18481.10	18367.00	18331.80
	(r)		Height above 10m	Cum	21457.00	21264.50	21204.70	21231.00	21112.30	21075.70	19446.40	19253.80	19194.00	19220.40	19101.70	19065.10
	(ii)		<i>For T-Beam & Slab</i>													
	(p)		Height upto 5m	Cum	20631.70	20446.60	20389.10	20414.40	20300.30	20265.10	18698.40	18513.30	18455.80	18481.10	18367.00	18331.80
	(q)		Height 5m to 10m	Cum	21457.00	21264.50	21204.70	21231.00	21112.30	21075.70	19446.40	19253.80	19194.00	19220.40	19101.70	19065.10
	(r)		Height above 10m	Cum	22282.30	22082.30	22020.20	22047.60	21924.30	21886.30	20194.30	19994.40	19932.30	19959.60	19836.40	19798.40
	B		RCC Grade M25													
			Using Batching Plant, Transir Mixer and Concrete Pump													
	(i)		<i>For solid slab super-structure</i>													
	(p)		Height upto 5m	Cum	21129.10	20951.30	20896.20	20911.60	20802.00	20768.20	19149.70	18972.00	18916.80	18932.20	18822.70	18788.90
	(q)		Height 5m to 10m	Cum	22009.50	21824.30	21766.80	21782.90	21668.80	21633.60	19947.60	19762.50	19705.00	19721.00	19606.90	19571.70
	(r)		Height above 10m	Cum	22889.80	22697.30	22637.50	22654.20	22535.50	22498.90	20745.50	20553.00	20493.20	20509.90	20391.20	20354.60
	(ii)		<i>For T-Beam & Slab</i>													
	(p)		Height upto 5m	Cum	22009.50	21824.30	21766.80	21782.90	21668.80	21633.60	19947.60	19762.50	19705.00	19721.00	19606.90	19571.70
	(q)		Height 5m to 10m	Cum	22889.80	22697.30	22637.50	22654.20	22535.50	22498.90	20745.50	20553.00	20493.20	20509.90	20391.20	20354.60
	(r)		Height above 10m	Cum	23770.20	23570.30	23508.20	23525.50	23402.30	23364.30	21543.40	21343.50	21281.40	21298.70	21175.50	21137.50
	C		RCC Grade M30													
			Using Batching Plant, Transir Mixer and Concrete Pump													
	(i)		<i>For solid slab super-structure</i>													
	(p)		Height upto 5m	Cum	21237.10	21059.40	21004.20	21019.60	20910.00	20876.30	19248.90	19071.10	19016.00	19031.40	18921.80	18888.00
	(q)		Height 5m to 10m	Cum	22122.00	21936.80	21879.30	21895.40	21781.30	21746.10	20050.90	19865.80	19808.30	19824.30	19710.20	19675.00
	(r)		Height above 10m	Cum	23006.80	22814.30	22754.50	22771.20	22652.60	22615.90	20852.90	20660.40	20600.60	20617.30	20498.70	20462.00
	(ii)		<i>For T-Beam & Slab</i>													
	(p)		Height upto 5m	Cum	22122.00	21936.80	21879.30	21895.40	21781.30	21746.10	20050.90	19865.80	19808.30	19824.30	19710.20	19675.00
	(q)		Height 5m to 10m	Cum	23006.80	22814.30	22754.50	22771.20	22652.60	22615.90	20852.90	20660.40	20600.60	20617.30	20498.70	20462.00
	(r)		Height above 10m	Cum	23891.70	23691.80	23629.70	23647.00	23523.80	23485.80	21655.00	21455.00	21392.90	21410.30	21287.10	21249.10
	D		RCC/PSC Grade M35													
			Using Batching Plant, Transir Mixer and Concrete Pump													
	(i)		<i>For solid slab super-structure</i>													
	(p)		Height upto 5m	Cum	21254.20	21079.40	21025.10	21040.30	20932.60	20899.40	19265.10	19090.40	19036.10	19051.30	18943.50	18910.30
	(q)		Height 5m to 10m	Cum	22154.80	21972.60	21916.00	21931.80	21819.60	21784.90	20081.40	19899.30	19842.70	19858.50	19746.20	19711.60
	(r)		Height above 10m	Cum	23055.40	22865.80	22806.90	22823.40	22706.50	22670.50	20897.80	20708.20	20649.30	20665.80	20548.90	20512.90
	(ii)		<i>For T-Beam & Slab</i>													
	(p)		Height upto 5m	Cum	22154.80	21972.60	21916.00	21931.80	21819.60	21784.90	20081.40	19899.30	19842.70	19858.50	19746.20	19711.60
	(q)		Height 5m to 10m	Cum	23055.40	22865.80	22806.90	22823.40	22706.50	22670.50	20897.80	20708.20	20649.30	20665.80	20548.90	20512.90
	(r)		Height above 10m	Cum	23956.00	23759.00	23697.80	23714.90	23593.50	23556.10	21714.10	21517.10	21455.90	21473.00	21351.60	21314.20

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iii)		<i>For Box Girder and Balanced Cantilever</i>													
	(p)		Height upto 5m	Cum	15491.40	15287.00	15223.50	15241.20	15115.30	15076.40	14597.60	14393.20	14329.70	14347.50	14221.50	14182.70
	(q)		Height 5m to 10m	Cum	16613.90	16394.70	16326.70	16345.70	16210.60	16168.90	15655.40	15436.20	15368.10	15387.10	15252.10	15210.40
	(r)		Height above 10m	Cum	17736.50	17502.50	17429.80	17450.10	17305.90	17261.40	16713.20	16479.20	16406.50	16426.80	16282.60	16238.10
	E		RCC/PSC Grade M40													
			Using Batching Plant, Transir Mixer and Concrete Pump													
	(i)		<i>For solid / voided slab super-structure</i>													
	(p)		Height upto 5m	Cum	13448.10	13273.40	13219.10	13234.30	13126.60	13093.30	12672.00	12497.20	12443.00	12458.10	12350.40	12317.20
	(q)		Height 5m to 10m	Cum	14018.00	13835.80	13779.20	13795.00	13682.80	13648.10	13209.00	13026.80	12970.20	12986.00	12873.70	12839.10
	(r)		Height above 10m	Cum	14587.80	14398.20	14339.40	14355.80	14239.00	14202.90	13745.90	13556.30	13497.50	13513.90	13397.10	13361.00
	(ii)		<i>For T-Beam & Slab</i>													
	(p)		Height upto 5m	Cum	14018.00	13835.80	13779.20	13795.00	13682.80	13648.10	13209.00	13026.80	12970.20	12986.00	12873.70	12839.10
	(q)		Height 5m to 10m	Cum	14587.80	14398.20	14339.40	14355.80	14239.00	14202.90	13745.90	13556.30	13497.50	13513.90	13397.10	13361.00
	(r)		Height above 10m	Cum	15157.70	14960.70	14899.50	14916.60	14795.20	14757.70	14282.90	14085.90	14024.70	14041.80	13920.40	13882.90
	(iii)		<i>For Box Girder and Balanced Cantilever</i>													
	(p)		Height upto 5m	Cum	15727.50	15523.10	15459.60	15477.40	15351.40	15312.50	14819.80	14615.40	14551.90	14569.70	14443.70	14404.80
	(q)		Height 5m to 10m	Cum	16867.20	16648.00	16579.90	16598.90	16463.80	16422.10	15893.70	15674.50	15606.40	15625.40	15490.40	15448.70
	(r)		Height above 10m	Cum	18006.80	17772.80	17700.20	17720.50	17576.20	17531.70	16967.60	16733.60	16660.90	16681.20	16537.00	16492.50
	F		RCC/PSC Grade M45													
	(i)		<i>For solid / voided slab super-structure</i>													
	(p)		Height upto 5m	Cum	13266.20	13094.40	13041.00	13055.90	12950.00	12917.40	12500.20	12328.40	12275.00	12289.90	12184.00	12151.40
	(q)		Height 5m to 10m	Cum	13838.00	13658.80	13603.10	13618.70	13508.20	13474.10	13039.00	12859.80	12804.10	12819.70	12709.20	12675.10
	(r)		Height above 10m	Cum	14409.80	14223.20	14165.20	14181.40	14066.40	14030.90	13577.80	13391.20	13333.20	13349.40	13234.40	13198.90
	(ii)		<i>For T-Beam & Slab including launching of precast girders by launching truss upto 40m span</i>													
	(p)		Height upto 5m	Cum	13838.00	13658.80	13603.10	13618.70	13508.20	13474.10	13039.00	12859.80	12804.10	12819.70	12709.20	12675.10
	(q)		Height 5m to 10m	Cum	14409.80	14223.20	14165.20	14181.40	14066.40	14030.90	13577.80	13391.20	13333.20	13349.40	13234.40	13198.90
	(r)		Height above 10m	Cum	14981.60	14787.60	14727.30	14744.20	14624.60	14587.70	14116.60	13922.50	13862.30	13879.10	13759.60	13722.70
	(iii)		<i>For cast in-situ Box Girder , segmental construction and balanced cantilever</i>													
	(p)		Height upto 5m	Cum	15553.40	15352.00	15289.50	15306.90	15182.80	15144.50	14655.40	14453.90	14391.40	14408.90	14284.70	14246.40
	(q)		Height 5m to 10m	Cum	16697.10	16480.80	16413.70	16432.40	16299.20	16258.10	15733.00	15516.70	15449.60	15468.30	15335.10	15294.00
	(r)		Height above 10m	Cum	17840.70	17609.70	17537.90	17558.00	17415.60	17371.60	16810.60	16579.50	16507.80	16527.80	16385.40	16341.50
	G		PSC Grade M-50													
	(i)		<i>For cast in-situ box girder, segmental construction and balanced cantilever</i>													
	(p)		Height upto 5m	Cum	16455.20	16255.30	16193.20	16210.60	16087.30	16049.30	15497.30	15297.40	15235.30	15252.60	15129.40	15091.40
	(q)		Height 5m to 10m	Cum	17674.20	17459.40	17392.70	17411.30	17279.00	17238.20	16645.30	16430.50	16363.80	16382.40	16250.10	16209.30
	(r)		Height above 10m	Cum	18893.10	18663.50	18592.20	18612.10	18470.60	18427.00	17793.20	17563.60	17492.40	17512.30	17370.80	17327.10
	H		PSC Grade M-55													
	(i)		<i>For cast in-situ box girder, segmental construction and balanced cantilever</i>													
	(p)		Height upto 5m	Cum	16637.60	16437.70	16375.60	16393.00	16269.70	16231.70	15669.60	15469.70	15407.60	15424.90	15301.70	15263.70

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iii)		<i>For Box Girder and Balanced Cantilever</i>													
	(p)		Height upto 5m	Cum	15491.40	15287.00	15223.50	15241.20	15115.30	15076.40	17866.40	17662.00	17598.60	17616.30	17490.30	17451.50
	(q)		Height 5m to 10m	Cum	16613.90	16394.70	16326.70	16345.70	16210.60	16168.90	19161.10	18941.90	18873.80	18892.80	18757.80	18716.10
	(r)		Height above 10m	Cum	17736.50	17502.50	17429.80	17450.10	17305.90	17261.40	20455.80	20221.80	20149.10	20169.40	20025.20	19980.70
	E		RCC/PSC Grade M40													
			Using Batching Plant, Transir Mixer and Concrete Pump													
	(i)		<i>For solid / voided slab super-structure</i>													
	(p)		Height upto 5m	Cum	13448.10	13273.40	13219.10	13234.30	13126.60	13093.30	15504.10	15329.30	15275.00	15290.20	15182.50	15149.20
	(q)		Height 5m to 10m	Cum	14018.00	13835.80	13779.20	13795.00	13682.80	13648.10	16161.00	15978.80	15922.30	15938.10	15825.80	15791.20
	(r)		Height above 10m	Cum	14587.80	14398.20	14339.40	14355.80	14239.00	14202.90	16818.00	16628.40	16569.50	16586.00	16469.10	16433.10
	(ii)		<i>For T-Beam & Slab</i>													
	(p)		Height upto 5m	Cum	14018.00	13835.80	13779.20	13795.00	13682.80	13648.10	16161.00	15978.80	15922.30	15938.10	15825.80	15791.20
	(q)		Height 5m to 10m	Cum	14587.80	14398.20	14339.40	14355.80	14239.00	14202.90	16818.00	16628.40	16569.50	16586.00	16469.10	16433.10
	(r)		Height above 10m	Cum	15157.70	14960.70	14899.50	14916.60	14795.20	14757.70	17474.90	17277.90	17216.80	17233.80	17112.40	17075.00
	(iii)		<i>For Box Girder and Balanced Cantilever</i>													
	(p)		Height upto 5m	Cum	15727.50	15523.10	15459.60	15477.40	15351.40	15312.50	18131.90	17927.50	17864.00	17881.70	17755.80	17716.90
	(q)		Height 5m to 10m	Cum	16867.20	16648.00	16579.90	16598.90	16463.80	16422.10	19445.80	19226.60	19158.50	19177.50	19042.40	19000.70
	(r)		Height above 10m	Cum	18006.80	17772.80	17700.20	17720.50	17576.20	17531.70	20759.70	20525.70	20453.00	20473.30	20329.10	20284.60
	F		RCC/PSC Grade M45													
	(i)		<i>For solid / voided slab super-structure</i>													
	(p)		Height upto 5m	Cum	13266.20	13094.40	13041.00	13055.90	12950.00	12917.40	15290.20	15118.40	15065.10	15080.00	14974.10	14941.40
	(q)		Height 5m to 10m	Cum	13838.00	13658.80	13603.10	13618.70	13508.20	13474.10	15949.30	15770.10	15714.40	15730.00	15619.50	15585.50
	(r)		Height above 10m	Cum	14409.80	14223.20	14165.20	14181.40	14066.40	14030.90	16608.40	16421.70	16363.80	16380.00	16265.00	16229.50
	(ii)		<i>For T-Beam & Slab including launching of precast girders by launching truss upto 40m span</i>													
	(p)		Height upto 5m	Cum	13838.00	13658.80	13603.10	13618.70	13508.20	13474.10	15949.30	15770.10	15714.40	15730.00	15619.50	15585.50
	(q)		Height 5m to 10m	Cum	14409.80	14223.20	14165.20	14181.40	14066.40	14030.90	16608.40	16421.70	16363.80	16380.00	16265.00	16229.50
	(r)		Height above 10m	Cum	14981.60	14787.60	14727.30	14744.20	14624.60	14587.70	17267.40	17073.40	17013.20	17030.00	16910.40	16873.50
	(iii)		<i>For cast in-situ Box Girder , segmental construction and balanced cantilever</i>													
	(p)		Height upto 5m	Cum	15553.40	15352.00	15289.50	15306.90	15182.80	15144.50	17926.50	17725.10	17662.50	17680.00	17555.80	17517.50
	(q)		Height 5m to 10m	Cum	16697.10	16480.80	16413.70	16432.40	16299.20	16258.10	19244.60	19028.40	18961.20	18980.00	18846.70	18805.60
	(r)		Height above 10m	Cum	17840.70	17609.70	17537.90	17558.00	17415.60	17371.60	20562.70	20331.70	20259.90	20280.00	20137.60	20093.70
	G		PSC Grade M-50													
	(i)		<i>For cast in-situ box girder, segmental construction and balanced cantilever</i>													
	(p)		Height upto 5m	Cum	16455.20	16255.30	16193.20	16210.60	16087.30	16049.30	18877.30	18677.40	18615.30	18632.60	18509.40	18471.40
	(q)		Height 5m to 10m	Cum	17674.20	17459.40	17392.70	17411.30	17279.00	17238.20	20275.60	20060.90	19994.20	20012.80	19880.50	19839.60
	(r)		Height above 10m	Cum	18893.10	18663.50	18592.20	18612.10	18470.60	18427.00	21674.00	21444.40	21373.10	21393.00	21251.50	21207.90
	H		PSC Grade M-55													
	(i)		<i>For cast in-situ box girder, segmental construction and balanced cantilever</i>													
	(p)		Height upto 5m	Cum	16637.60	16437.70	16375.60	16393.00	16269.70	16231.70	19088.60	18888.60	18826.60	18843.90	18720.70	18682.70

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iii)		<i>For Box Girder and Balanced Cantilever</i>													
	(p)		Height upto 5m	Cum	19897.50	19693.20	19629.70	19647.40	19521.50	19482.60	19428.80	19224.40	19161.00	19178.70	19052.70	19013.90
	(q)		Height 5m to 10m	Cum	21339.40	21120.20	21052.10	21071.10	20936.10	20894.40	20836.70	20617.50	20549.40	20568.50	20433.40	20391.70
	(r)		Height above 10m	Cum	22781.20	22547.20	22474.60	22494.90	22350.70	22306.20	22244.60	22010.60	21937.90	21958.20	21814.00	21769.50
	E		RCC/PSC Grade M40													
			Using Batching Plant, Transir Mixer and Concrete Pump													
	(i)		<i>For solid / voided slab super-structure</i>													
	(p)		Height upto 5m	Cum	17267.10	17092.40	17038.10	17053.20	16945.50	16912.30	16860.30	16685.50	16631.20	16646.40	16538.70	16505.40
	(q)		Height 5m to 10m	Cum	17998.80	17816.60	17760.00	17775.80	17663.60	17628.90	17574.70	17392.50	17335.90	17351.70	17239.50	17204.80
	(r)		Height above 10m	Cum	18730.40	18540.90	18482.00	18498.40	18381.60	18345.60	18289.10	18099.50	18040.70	18057.10	17940.30	17904.20
	(ii)		<i>For T-Beam & Slab</i>													
	(p)		Height upto 5m	Cum	17998.80	17816.60	17760.00	17775.80	17663.60	17628.90	17574.70	17392.50	17335.90	17351.70	17239.50	17204.80
	(q)		Height 5m to 10m	Cum	18730.40	18540.90	18482.00	18498.40	18381.60	18345.60	18289.10	18099.50	18040.70	18057.10	17940.30	17904.20
	(r)		Height above 10m	Cum	19462.10	19265.10	19203.90	19221.00	19099.60	19062.20	19003.50	18806.50	18745.40	18762.50	18641.10	18603.60
	(iii)		<i>For Box Girder and Balanced Cantilever</i>													
	(p)		Height upto 5m	Cum	20193.80	19989.40	19925.90	19943.60	19817.70	19778.80	19717.90	19513.50	19450.10	19467.80	19341.80	19303.00
	(q)		Height 5m to 10m	Cum	21657.10	21437.90	21369.80	21388.80	21253.70	21212.10	21146.80	20927.60	20859.50	20878.50	20743.40	20701.70
	(r)		Height above 10m	Cum	23120.40	22886.40	22813.70	22834.00	22689.80	22645.30	22575.60	22341.60	22268.90	22289.20	22145.00	22100.50
	F		RCC/PSC Grade M45													
	(i)		<i>For solid / voided slab super-structure</i>													
	(p)		Height upto 5m	Cum	17029.00	16857.20	16803.90	16818.80	16712.90	16680.20	16627.80	16455.90	16402.60	16417.50	16311.60	16279.00
	(q)		Height 5m to 10m	Cum	17763.00	17583.80	17528.20	17543.70	17433.30	17399.20	17344.50	17165.30	17109.60	17125.20	17014.70	16980.60
	(r)		Height above 10m	Cum	18497.00	18310.40	18252.50	18268.60	18153.60	18118.20	18061.20	17874.60	17816.60	17832.80	17717.80	17682.30
	(ii)		<i>For T-Beam & Slab including launching of precast girders by launching truss upto 40m span</i>													
	(p)		Height upto 5m	Cum	17763.00	17583.80	17528.20	17543.70	17433.30	17399.20	17344.50	17165.30	17109.60	17125.20	17014.70	16980.60
	(q)		Height 5m to 10m	Cum	18497.00	18310.40	18252.50	18268.60	18153.60	18118.20	18061.20	17874.60	17816.60	17832.80	17717.80	17682.30
	(r)		Height above 10m	Cum	19231.00	19037.00	18976.80	18993.60	18874.00	18837.10	18777.90	18583.90	18523.60	18540.50	18420.90	18384.00
	(iii)		<i>For cast in-situ Box Girder , segmental construction and balanced cantilever</i>													
	(p)		Height upto 5m	Cum	19965.00	19763.60	19701.10	19718.50	19594.40	19556.10	19494.60	19293.20	19230.60	19248.10	19124.00	19085.70
	(q)		Height 5m to 10m	Cum	21433.10	21216.80	21149.70	21168.40	21035.20	20994.10	20928.00	20711.80	20644.60	20663.40	20530.10	20489.00
	(r)		Height above 10m	Cum	22901.10	22670.00	22598.30	22618.30	22475.90	22432.00	22361.50	22130.40	22058.70	22078.70	21936.30	21892.40
	G		PSC Grade M-50													
	(i)		<i>For cast in-situ box girder, segmental construction and balanced cantilever</i>													
	(p)		Height upto 5m	Cum	21024.40	20824.40	20762.30	20779.70	20656.40	20618.40	20528.90	20328.90	20266.90	20284.20	20161.00	20123.00
	(q)		Height 5m to 10m	Cum	22581.70	22367.00	22300.30	22318.90	22186.50	22145.70	22049.50	21834.80	21768.10	21786.70	21654.40	21613.50
	(r)		Height above 10m	Cum	24139.10	23909.50	23838.20	23858.10	23716.60	23673.00	23570.20	23340.60	23269.30	23289.30	23147.80	23104.10
	H		PSC Grade M-55													
	(i)		<i>For cast in-situ box girder, segmental construction and balanced cantilever</i>													
	(p)		Height upto 5m	Cum	21260.30	21060.40	20998.30	21015.70	20892.40	20854.40	20759.20	20559.20	20497.10	20514.50	20391.30	20353.20

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iii)		<i>For Box Girder and Balanced Cantilever</i>													
	(p)		Height upto 5m	Cum	16159.40	15955.00	15891.50	15909.30	15783.30	15744.40	20671.00	20466.60	20403.20	20420.90	20294.90	20256.10
	(q)		Height 5m to 10m	Cum	17330.40	17111.20	17043.10	17062.10	16927.00	16885.40	22168.90	21949.70	21881.60	21900.70	21765.60	21723.90
	(r)		Height above 10m	Cum	18501.30	18267.30	18194.70	18215.00	18070.70	18026.30	23666.80	23432.80	23360.10	23380.40	23236.20	23191.70
	E		RCC/PSC Grade M40													
			Using Batching Plant, Transir Mixer and Concrete Pump													
	(i)		<i>For solid / voided slab super-structure</i>													
	(p)		Height upto 5m	Cum	14027.50	13852.70	13798.50	13813.60	13705.90	13672.70	17935.00	17760.30	17706.00	17721.20	17613.50	17580.20
	(q)		Height 5m to 10m	Cum	14621.90	14439.70	14383.20	14399.00	14286.70	14252.00	18695.00	18512.80	18456.30	18472.10	18359.80	18325.10
	(r)		Height above 10m	Cum	15216.30	15026.70	14967.80	14984.30	14867.40	14831.40	19455.00	19265.40	19206.50	19223.00	19106.10	19070.10
	(ii)		<i>For T-Beam & Slab</i>													
	(p)		Height upto 5m	Cum	14621.90	14439.70	14383.20	14399.00	14286.70	14252.00	18695.00	18512.80	18456.30	18472.10	18359.80	18325.10
	(q)		Height 5m to 10m	Cum	15216.30	15026.70	14967.80	14984.30	14867.40	14831.40	19455.00	19265.40	19206.50	19223.00	19106.10	19070.10
	(r)		Height above 10m	Cum	15810.70	15613.70	15552.50	15569.60	15448.20	15410.80	20214.90	20017.90	19956.80	19973.90	19852.40	19815.00
	(iii)		<i>For Box Girder and Balanced Cantilever</i>													
	(p)		Height upto 5m	Cum	16405.10	16200.70	16137.20	16154.90	16029.00	15990.10	20974.90	20770.50	20707.00	20724.70	20598.80	20559.90
	(q)		Height 5m to 10m	Cum	17593.80	17374.60	17306.60	17325.60	17190.50	17148.80	22494.80	22275.60	22207.50	22226.50	22091.40	22049.80
	(r)		Height above 10m	Cum	18782.60	18548.60	18475.90	18496.20	18352.00	18307.50	24014.70	23780.70	23708.00	23728.30	23584.10	23539.60
	F		RCC/PSC Grade M45													
	(i)		<i>For solid / voided slab super-structure</i>													
	(p)		Height upto 5m	Cum	13836.60	13664.80	13611.40	13626.30	13520.40	13487.80	17686.00	17514.20	17460.90	17475.80	17369.90	17337.20
	(q)		Height 5m to 10m	Cum	14433.00	14253.80	14198.10	14213.70	14103.20	14069.10	18448.40	18269.10	18213.50	18229.00	18118.60	18084.50
	(r)		Height above 10m	Cum	15029.40	14842.80	14784.80	14801.00	14686.00	14650.50	19210.70	19024.10	18966.10	18982.30	18867.30	18831.80
	(ii)		<i>For T-Beam & Slab including launching of precast girders by launching truss upto 40m span</i>													
	(p)		Height upto 5m	Cum	14433.00	14253.80	14198.10	14213.70	14103.20	14069.10	18448.40	18269.10	18213.50	18229.00	18118.60	18084.50
	(q)		Height 5m to 10m	Cum	15029.40	14842.80	14784.80	14801.00	14686.00	14650.50	19210.70	19024.10	18966.10	18982.30	18867.30	18831.80
	(r)		Height above 10m	Cum	15625.80	15431.80	15371.50	15388.30	15268.80	15231.90	19973.00	19779.00	19718.70	19735.60	19616.00	19579.10
	(iii)		<i>For cast in-situ Box Girder , segmental construction and balanced cantilever</i>													
	(p)		Height upto 5m	Cum	16222.20	16020.80	15958.20	15975.70	15851.50	15813.20	20735.30	20533.90	20471.40	20488.80	20364.70	20326.40
	(q)		Height 5m to 10m	Cum	17415.00	17198.80	17131.60	17150.40	17017.10	16976.00	22260.00	22043.80	21976.60	21995.40	21862.10	21821.00
	(r)		Height above 10m	Cum	18607.80	18376.80	18305.00	18325.10	18182.70	18138.70	23784.70	23553.60	23481.90	23501.90	23359.50	23315.60
	G		PSC Grade M-50													
	(i)		<i>For cast in-situ box girder, segmental construction and balanced cantilever</i>													
	(p)		Height upto 5m	Cum	17138.10	16938.10	16876.00	16893.40	16770.20	16732.10	21798.50	21598.50	21536.50	21553.80	21430.60	21392.60
	(q)		Height 5m to 10m	Cum	18407.60	18192.80	18126.10	18144.70	18012.40	17971.60	23413.20	23198.40	23131.70	23150.40	23018.00	22977.20
	(r)		Height above 10m	Cum	19677.00	19447.50	19376.20	19396.10	19254.60	19211.00	25027.90	24798.30	24727.00	24747.00	24605.50	24561.80
	H		PSC Grade M-55													
	(i)		<i>For cast in-situ box girder, segmental construction and balanced cantilever</i>													
	(p)		Height upto 5m	Cum	17330.10	17130.20	17068.10	17085.40	16962.20	16924.20	22042.90	21842.90	21780.80	21798.20	21674.90	21636.90

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iii)		<i>For Box Girder and Balanced Cantilever</i>													
	(p)		Height upto 5m	Cum	17087.20	16882.80	16819.30	16837.00	16711.10	16672.20	17876.10	17671.70	17608.20	17626.00	17500.00	17461.20
	(q)		Height 5m to 10m	Cum	18325.40	18106.20	18038.10	18057.10	17922.00	17880.30	19171.50	18952.30	18884.20	18903.20	18768.10	18726.50
	(r)		Height above 10m	Cum	19563.60	19329.60	19256.90	19277.20	19133.00	19088.50	20466.80	20232.80	20160.20	20180.50	20036.20	19991.80
	E		RCC/PSC Grade M40													
			Using Batching Plant, Transir Mixer and Concrete Pump													
	(i)		<i>For solid / voided slab super-structure</i>													
	(p)		Height upto 5m	Cum	14828.50	14653.70	14599.50	14614.60	14506.90	14473.70	15516.80	15342.00	15287.80	15302.90	15195.20	15162.00
	(q)		Height 5m to 10m	Cum	15456.80	15274.60	15218.10	15233.90	15121.60	15087.00	16174.30	15992.10	15935.50	15951.30	15839.10	15804.40
	(r)		Height above 10m	Cum	16085.10	15895.60	15836.70	15853.10	15736.30	15700.30	16831.80	16642.20	16583.30	16599.80	16482.90	16446.90
	(ii)		<i>For T-Beam & Slab</i>													
	(p)		Height upto 5m	Cum	15456.80	15274.60	15218.10	15233.90	15121.60	15087.00	16174.30	15992.10	15935.50	15951.30	15839.10	15804.40
	(q)		Height 5m to 10m	Cum	16085.10	15895.60	15836.70	15853.10	15736.30	15700.30	16831.80	16642.20	16583.30	16599.80	16482.90	16446.90
	(r)		Height above 10m	Cum	16713.50	16516.50	16455.30	16472.40	16351.00	16313.60	17489.30	17292.30	17231.10	17248.20	17126.80	17089.40
	(iii)		<i>For Box Girder and Balanced Cantilever</i>													
	(p)		Height upto 5m	Cum	17341.80	17137.40	17073.90	17091.70	16965.70	16926.80	18146.80	17942.40	17878.90	17896.60	17770.70	17731.80
	(q)		Height 5m to 10m	Cum	18598.50	18379.30	18311.20	18330.20	18195.10	18153.40	19461.70	19242.50	19174.50	19193.50	19058.40	19016.70
	(r)		Height above 10m	Cum	19855.10	19621.10	19548.40	19568.70	19424.50	19380.00	20776.70	20542.70	20470.00	20490.30	20346.10	20301.60
	F		RCC/PSC Grade M45													
	(i)		<i>For solid / voided slab super-structure</i>													
	(p)		Height upto 5m	Cum	14624.40	14452.60	14399.30	14414.20	14308.30	14275.60	15304.90	15133.10	15079.80	15094.70	14988.80	14956.10
	(q)		Height 5m to 10m	Cum	15254.80	15075.60	15019.90	15035.50	14925.00	14890.90	15964.60	15785.40	15729.70	15745.30	15634.80	15600.80
	(r)		Height above 10m	Cum	15885.10	15698.50	15640.60	15656.80	15541.70	15506.30	16624.30	16437.70	16379.70	16395.90	16280.90	16245.40
	(ii)		<i>For T-Beam & Slab including launching of precast girders by launching truss upto 40m span</i>													
	(p)		Height upto 5m	Cum	15254.80	15075.60	15019.90	15035.50	14925.00	14890.90	15964.60	15785.40	15729.70	15745.30	15634.80	15600.80
	(q)		Height 5m to 10m	Cum	15885.10	15698.50	15640.60	15656.80	15541.70	15506.30	16624.30	16437.70	16379.70	16395.90	16280.90	16245.40
	(r)		Height above 10m	Cum	16515.50	16321.50	16261.20	16278.10	16158.50	16121.60	17284.00	17090.00	17029.70	17046.60	16927.00	16890.10
	(iii)		<i>For cast in-situ Box Girder , segmental construction and balanced cantilever</i>													
	(p)		Height upto 5m	Cum	17145.90	16944.40	16881.90	16899.40	16775.20	16736.90	17943.70	17742.30	17679.70	17697.20	17573.00	17534.70
	(q)		Height 5m to 10m	Cum	18406.60	18190.30	18123.20	18142.00	18008.70	17967.60	19263.10	19046.80	18979.70	18998.40	18865.20	18824.10
	(r)		Height above 10m	Cum	19667.30	19436.30	19364.50	19384.60	19242.20	19198.20	20582.50	20351.40	20279.70	20299.70	20157.30	20113.40
	G		PSC Grade M-50													
	(i)		<i>For cast in-situ box girder, segmental construction and balanced cantilever</i>													
	(p)		Height upto 5m	Cum	18064.50	17864.50	17802.40	17819.80	17696.50	17658.50	18941.90	18741.90	18679.80	18697.20	18574.00	18535.90
	(q)		Height 5m to 10m	Cum	19402.60	19187.80	19121.10	19139.70	19007.40	18966.60	20345.00	20130.20	20063.50	20082.20	19949.80	19909.00
	(r)		Height above 10m	Cum	20740.70	20511.10	20439.80	20459.70	20318.20	20274.60	21748.10	21518.50	21447.20	21467.10	21325.70	21282.00
	H		PSC Grade M-55													
	(i)		<i>For cast in-situ box girder, segmental construction and balanced cantilever</i>													
	(p)		Height upto 5m	Cum	18266.50	18066.60	18004.50	18021.80	17898.60	17860.60	19154.60	18954.60	18892.50	18909.90	18786.70	18748.60

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(iii)		<i>For Box Girder and Balanced Cantilever</i>													
	(p)		Height upto 5m	Cum	24856.60	24652.20	24588.70	24606.50	24480.50	24441.60	22530.40	22326.00	22262.50	22280.30	22154.30	22115.50
	(q)		Height 5m to 10m	Cum	26657.80	26438.60	26370.50	26389.50	26254.40	26212.80	24163.00	23943.80	23875.80	23894.80	23759.70	23718.00
	(r)		Height above 10m	Cum	28459.00	28225.00	28152.30	28172.60	28028.40	27983.90	25795.70	25561.70	25489.00	25509.30	25365.10	25320.60
	E		RCC/PSC Grade M40													
			Using Batching Plant, Transir Mixer and Concrete Pump													
	(i)		<i>For solid / voided slab super-structure</i>													
	(p)		Height upto 5m	Cum	21553.50	21378.70	21324.40	21339.60	21231.90	21198.70	19542.10	19367.30	19313.10	19328.20	19220.50	19187.30
	(q)		Height 5m to 10m	Cum	22466.80	22284.60	22228.00	22243.80	22131.60	22096.90	20370.20	20188.00	20131.40	20147.20	20034.90	20000.30
	(r)		Height above 10m	Cum	23380.10	23190.50	23131.60	23148.10	23031.20	22995.20	21198.20	21008.60	20949.80	20966.20	20849.40	20813.30
	(ii)		<i>For T-Beam & Slab</i>													
	(p)		Height upto 5m	Cum	22466.80	22284.60	22228.00	22243.80	22131.60	22096.90	20370.20	20188.00	20131.40	20147.20	20034.90	20000.30
	(q)		Height 5m to 10m	Cum	23380.10	23190.50	23131.60	23148.10	23031.20	22995.20	21198.20	21008.60	20949.80	20966.20	20849.40	20813.30
	(r)		Height above 10m	Cum	24293.30	24096.30	24035.20	24052.30	23930.90	23893.40	22026.30	21829.30	21768.10	21785.20	21663.80	21626.40
	(iii)		<i>For Box Girder and Balanced Cantilever</i>													
	(p)		Height upto 5m	Cum	25206.60	25002.20	24938.80	24956.50	24830.50	24791.70	22854.30	22649.90	22586.50	22604.20	22478.20	22439.40
	(q)		Height 5m to 10m	Cum	27033.20	26814.00	26745.90	26764.90	26629.80	26588.20	24510.40	24291.20	24223.20	24242.20	24107.10	24065.40
	(r)		Height above 10m	Cum	28859.80	28625.70	28553.10	28573.40	28429.20	28384.70	26166.50	25932.50	25859.90	25880.20	25735.90	25691.50
	F		RCC/PSC Grade M45													
	(i)		<i>For solid / voided slab super-structure</i>													
	(p)		Height upto 5m	Cum	21247.40	21075.60	21022.30	21037.20	20931.30	20898.60	19267.60	19095.80	19042.40	19057.30	18951.40	18918.80
	(q)		Height 5m to 10m	Cum	22163.30	21984.10	21928.40	21944.00	21833.50	21799.40	20098.10	19918.90	19863.20	19878.80	19768.30	19734.20
	(r)		Height above 10m	Cum	23079.10	22892.50	22834.60	22850.70	22735.70	22700.20	20928.60	20742.00	20684.00	20700.20	20585.20	20549.70
	(ii)		<i>For T-Beam & Slab including launching of precast girders by launching truss upto 40m span</i>													
	(p)		Height upto 5m	Cum	22163.30	21984.10	21928.40	21944.00	21833.50	21799.40	20098.10	19918.90	19863.20	19878.80	19768.30	19734.20
	(q)		Height 5m to 10m	Cum	23079.10	22892.50	22834.60	22850.70	22735.70	22700.20	20928.60	20742.00	20684.00	20700.20	20585.20	20549.70
	(r)		Height above 10m	Cum	23995.00	23800.90	23740.70	23757.50	23637.90	23601.10	21759.10	21565.00	21504.80	21521.60	21402.10	21365.20
	(iii)		<i>For cast in-situ Box Girder , segmental construction and balanced cantilever</i>													
	(p)		Height upto 5m	Cum	24910.80	24709.40	24646.80	24664.30	24540.20	24501.90	22589.60	22388.10	22325.60	22343.10	22218.90	22180.60
	(q)		Height 5m to 10m	Cum	26742.50	26526.20	26459.10	26477.80	26344.60	26303.50	24250.60	24034.30	23967.20	23985.90	23852.70	23811.60
	(r)		Height above 10m	Cum	28574.10	28343.10	28271.40	28291.40	28149.00	28105.10	25911.60	25680.50	25608.80	25628.80	25486.40	25442.50
	G		PSC Grade M-50													
	(i)		<i>For cast in-situ box girder, segmental construction and balanced cantilever</i>													
	(p)		Height upto 5m	Cum	26038.20	25838.30	25776.20	25793.50	25670.30	25632.30	23677.10	23477.10	23415.00	23432.40	23309.20	23271.10
	(q)		Height 5m to 10m	Cum	27967.00	27752.20	27685.50	27704.10	27571.80	27531.00	25430.90	25216.20	25149.50	25168.10	25035.80	24994.90
	(r)		Height above 10m	Cum	29895.70	29666.10	29594.90	29614.80	29473.30	29429.60	27184.80	26955.20	26883.90	26903.80	26762.40	26718.70
	H		PSC Grade M-55													
	(i)		<i>For cast in-situ box girder, segmental construction and balanced cantilever</i>													
	(p)		Height upto 5m	Cum	26329.10	26129.10	26067.00	26084.40	25961.20	25923.10	23942.00	23742.00	23679.90	23697.30	23574.10	23536.00

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(q)		Height 5m to 10m	Cum	17870.10	17655.30	17588.60	17607.20	17474.90	17434.10	16830.30	16615.60	16548.90	16567.50	16435.20	16394.30
	(r)		Height above 10m	Cum	19102.50	18872.90	18801.60	18821.50	18680.10	18636.40	17991.10	17761.50	17690.20	17710.10	17568.60	17525.00
	I		PSC Grade M60													
	(i)		<i>For cast in-situ box girder, segmental construction and balanced cantilever</i>													
	(p)		Height upto 5m	Cum	16950.20	16750.30	16688.20	16705.50	16582.30	16544.30	15962.70	15762.80	15700.70	15718.00	15594.80	15556.80
	(q)		Height 5m to 10m	Cum	18205.80	17991.00	17924.40	17943.00	17810.60	17769.80	17145.10	16930.40	16863.70	16882.30	16750.00	16709.10
	(r)		Height above 10m	Cum	19461.40	19231.80	19160.50	19180.40	19039.00	18995.30	18327.50	18098.00	18026.70	18046.60	17905.10	17861.50
	J		PSC Grade M65													
	(i)		<i>For cast in-situ box girder, segmental construction and balanced cantilever</i>													
	(p)		Height upto 5m	Cum	13876.10	13676.20	13614.10	13637.00	13513.70	13475.70	13081.00	12881.00	12818.90	12841.80	12718.60	12680.60
	(q)		Height 5m to 10m	Cum	14904.00	14689.20	14622.50	14647.10	14514.70	14473.90	14049.90	13835.20	13768.50	13793.00	13660.70	13619.90
	(r)		Height above 10m	Cum	15931.90	15702.30	15631.00	15657.20	15515.80	15472.10	15018.90	14789.30	14718.00	14744.30	14602.80	14559.20
B 14.02			Supplying, fitting and placing HYSD bar reinforcement in super-structure complete as per drawing and technical specifications	MT	2986.10	2925.20	2868.10	2845.20	2784.30	2727.30	2933.10	2872.30	2815.20	2792.30	2731.40	2674.30
B 14.03			High tensile steel wires/strands including all accessories for stressing, stressing operations and grouting complete as per drawing and Technical Specifications	MT	228450.70	228450.70	228450.70	223692.60	223692.60	223692.60	225678.00	225678.00	225678.00	220920.00	220920.00	220920.00
B 14.04			Providing and laying Cement concrete wearing coat M-30 grade including reinforcement complete as per drawing and Technical Specifications	Cum	12250.60	12097.90	12047.60	11175.30	11079.40	11047.00	11609.60	11456.90	11406.70	10534.30	10438.40	10406.00
B 14.05			Mastic Asphalt													
			Providing and laying 12 mm thick mastic asphalt wearing course on top of deck slab excluding prime coat with paving grade bitumen meeting the requirements given in table 500-39, prepared by using mastic cooker and laid to required level and slope after cleaning the surface, including providing antiskid surface with bitumen precoated fine grained hard stone chipping of 9.5 mm nominal size at the rate of 0.005cum per 10 sqm and at an approximate spacing of 10 cm center to center in both directions, pressed into surface when the temperature of surfaces not less than 100 deg. C, protruding 1 mm to 4 mm over mastic surface, all complete as per clause 516.	Sqm	1818.90	1818.90	1818.90	1773.80	1773.80	1773.80	1806.00	1806.00	1806.00	1760.80	1760.80	1760.80
B 14.06			Construction of precast RCC railing of M30 Grade, aggregate size not exceeding 12 mm, true to line and grade, tolerance of vertical RCC post not to exceed 1 in 500, centre to centre spacing between vertical post not to exceed 2000 mm, leaving adequate space between vertical post for expansion, complete as per approved drawings and technical specifications.	Metre	994.20	980.50	975.50	976.20	967.30	963.90	938.90	925.20	920.30	920.90	912.10	908.60

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(q)		Height 5m to 10m	Cum	17870.10	17655.30	17588.60	17607.20	17474.90	17434.10	20502.60	20287.80	20221.10	20239.80	20107.40	20066.60
	(r)		Height above 10m	Cum	19102.50	18872.90	18801.60	18821.50	18680.10	18636.40	21916.50	21687.00	21615.70	21635.60	21494.10	21450.50
	I		PSC Grade M60													
	(i)		<i>For cast in-situ box girder, segmental construction and balanced cantilever</i>													
	(p)		Height upto 5m	Cum	16950.20	16750.30	16688.20	16705.50	16582.30	16544.30	19430.10	19230.20	19168.10	19185.40	19062.20	19024.20
	(q)		Height 5m to 10m	Cum	18205.80	17991.00	17924.40	17943.00	17810.60	17769.80	20869.40	20654.60	20587.90	20606.60	20474.20	20433.40
	(r)		Height above 10m	Cum	19461.40	19231.80	19160.50	19180.40	19039.00	18995.30	22308.60	22079.10	22007.80	22027.70	21886.20	21842.60
	J		PSC Grade M65													
	(i)		<i>For cast in-situ box girder, segmental construction and balanced cantilever</i>													
	(p)		Height upto 5m	Cum	13876.10	13676.20	13614.10	13637.00	13513.70	13475.70	15872.70	15672.70	15610.60	15633.50	15510.30	15472.30
	(q)		Height 5m to 10m	Cum	14904.00	14689.20	14622.50	14647.10	14514.70	14473.90	17048.40	16833.70	16767.00	16791.50	16659.20	16618.30
	(r)		Height above 10m	Cum	15931.90	15702.30	15631.00	15657.20	15515.80	15472.10	18224.20	17994.60	17923.30	17949.60	17808.10	17764.40
B 14.02			Supplying, fitting and placing HYSD bar reinforcement in super-structure complete as per drawing and technical specifications	MT	2986.10	2925.20	2868.10	2845.20	2784.30	2727.30	3039.00	2978.10	2921.10	2898.10	2837.20	2780.20
B 14.03			High tensile steel wires/strands including all accessories for stressing, stressing operations and grouting complete as per drawing and Technical Specifications	MT	228450.70	228450.70	228450.70	223692.60	223692.60	223692.60	234171.40	234171.40	234171.40	229413.30	229413.30	229413.30
B 14.04			Providing and laying Cement concrete wearing coat M-30 grade including reinforcement complete as per drawing and Technical Specifications	Cum	12250.60	12097.90	12047.60	11175.30	11079.40	11047.00	13943.60	13790.90	13740.70	12868.30	12772.40	12740.00
B 14.05			Mastic Asphalt													
			Providing and laying 12 mm thick mastic asphalt wearing course on top of deck slab excluding prime coat with paving grade bitumen meeting the requirements given in table 500-39, prepared by using mastic cooker and laid to required level and slope after cleaning the surface, including providing antiskid surface with bitumen precoated fine grained hard stone chipping of 9.5 mm nominal size at the rate of 0.005cum per 10 sqm and at an approximate spacing of 10 cm center to center in both directions, pressed into surface when the temperature of surfaces not less than 100 deg. C, protruding 1 mm to 4 mm over mastic surface, all complete as per clause 516.	Sqm	1827.30	1827.30	1827.30	1782.10	1782.10	1782.10	1857.00	1857.00	1857.00	1811.80	1811.80	1811.80
B 14.06			Construction of precast RCC railing of M30 Grade, aggregate size not exceeding 12 mm, true to line and grade, tolerance of vertical RCC post not to exceed 1 in 500, centre to centre spacing between vertical post not to exceed 2000 mm, leaving adequate space between vertical post for expansion, complete as per approved drawings and technical specifications.	Metre	994.20	980.50	975.50	976.20	967.30	963.90	1139.10	1125.40	1120.50	1121.10	1112.30	1108.80

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(q)		Height 5m to 10m	Cum	22835.20	22620.40	22553.70	22572.40	22440.00	22399.20	22296.90	22082.10	22015.40	22034.10	21901.70	21860.90
	(r)		Height above 10m	Cum	24410.00	24180.50	24109.20	24129.10	23987.60	23944.00	23834.60	23605.00	23533.80	23553.70	23412.20	23368.50
	I		PSC Grade M60													
	(i)		For cast in-situ box girder, segmental construction and balanced cantilever													
	(p)		Height upto 5m	Cum	21641.10	21441.20	21379.10	21396.40	21273.20	21235.20	21130.90	20930.90	20868.90	20886.20	20763.00	20725.00
	(q)		Height 5m to 10m	Cum	23244.20	23029.40	22962.70	22981.40	22849.00	22808.20	22696.10	22481.40	22414.70	22433.30	22301.00	22260.10
	(r)		Height above 10m	Cum	24847.20	24617.60	24546.40	24566.30	24424.80	24381.10	24261.40	24031.80	23960.50	23980.40	23839.00	23795.30
	J		PSC Grade M65													
	(i)		For cast in-situ box girder, segmental construction and balanced cantilever													
	(p)		Height upto 5m	Cum	17653.40	17453.50	17391.40	17414.20	17291.00	17253.00	17242.50	17042.50	16980.40	17003.30	16880.10	16842.00
	(q)		Height 5m to 10m	Cum	18961.10	18746.30	18679.60	18704.20	18571.80	18531.00	18519.70	18304.90	18238.20	18262.80	18130.40	18089.60
	(r)		Height above 10m	Cum	20268.70	20039.20	19967.90	19994.10	19852.60	19809.00	19796.90	19567.30	19496.10	19522.30	19380.80	19337.20
B 14.02			Supplying, fitting and placing HYSD bar reinforcement in super-structure complete as per drawing and technical specifications	MT	3137.30	3076.40	3019.30	2996.40	2935.50	2878.50	3114.60	3053.70	2996.70	2973.70	2912.90	2855.80
B 14.03			High tensile steel wires/strands including all accessories for stressing, stressing operations and grouting complete as per drawing and Technical Specifications	MT	239750.30	239750.30	239750.30	234992.30	234992.30	234992.30	238462.80	238462.80	238462.80	233704.80	233704.80	233704.80
B 14.04			Providing and laying Cement concrete wearing coat M-30 grade including reinforcement complete as per drawing and Technical Specifications	Cum	15396.20	15243.60	15193.30	14320.90	14225.10	14192.60	15061.00	14908.30	14858.10	13985.70	13889.80	13857.40
B 14.05			Mastic Asphalt													
			Providing and laying 12 mm thick mastic asphalt wearing course on top of deck slab excluding prime coat with paving grade bitumen meeting the requirements given in table 500-39, prepared by using mastic cooker and laid to required level and slope after cleaning the surface, including providing antiskid surface with bitumen precoated fine grained hard stone chipping of 9.5 mm nominal size at the rate of 0.005cum per 10 sqm and at an approximate spacing of 10 cm center to center in both directions, pressed into surface when the temperature of surfaces not less than 100 deg. C, protruding 1 mm to 4 mm over mastic surface, all complete as per clause 516.	Sqm	1892.00	1892.00	1892.00	1846.80	1846.80	1846.80	1883.80	1883.80	1883.80	1838.60	1838.60	1838.60
B 14.06			Construction of precast RCC railing of M30 Grade, aggregate size not exceeding 12 mm, true to line and grade, tolerance of vertical RCC post not to exceed 1 in 500, centre to centre spacing between vertical post not to exceed 2000 mm, leaving adequate space between vertical post for expansion, complete as per approved drawings and technical specifications.	Metre	1264.10	1250.40	1245.40	1246.10	1237.20	1233.80	1235.30	1221.50	1216.60	1217.30	1208.40	1205.00

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(q)		Height 5m to 10m	Cum	18613.80	18399.10	18332.40	18351.00	18218.70	18177.80	23675.70	23460.90	23394.20	23412.80	23280.50	23239.70
	(r)		Height above 10m	Cum	19897.60	19668.00	19596.70	19616.60	19475.10	19431.50	25308.50	25078.90	25007.60	25027.50	24886.00	24842.40
	I		PSC Grade M60													
	(i)		<i>For cast in-situ box girder, segmental construction and balanced cantilever</i>													
	(p)		Height upto 5m	Cum	17651.70	17451.70	17389.70	17407.00	17283.80	17245.80	22429.90	22229.90	22167.80	22185.20	22062.00	22023.90
	(q)		Height 5m to 10m	Cum	18959.20	18744.50	18677.80	18696.40	18564.10	18523.20	24091.40	23876.60	23809.90	23828.50	23696.20	23655.40
	(r)		Height above 10m	Cum	20266.80	20037.20	19965.90	19985.80	19844.30	19800.70	25752.80	25523.30	25452.00	25471.90	25330.40	25286.80
	J		PSC Grade M65													
	(i)		<i>For cast in-situ box girder, segmental construction and balanced cantilever</i>													
	(p)		Height upto 5m	Cum	14441.50	14241.50	14179.40	14202.30	14079.10	14041.10	18287.90	18088.00	18025.90	18048.70	17925.50	17887.50
	(q)		Height 5m to 10m	Cum	15511.20	15296.50	15229.80	15254.30	15122.00	15081.10	19642.60	19427.80	19361.10	19385.70	19253.30	19212.50
	(r)		Height above 10m	Cum	16581.00	16351.40	16280.10	16306.30	16164.90	16121.20	20997.20	20767.70	20696.40	20722.60	20581.10	20537.50
B 14.02			Supplying, fitting and placing HYSD bar reinforcement in super-structure complete as per drawing and technical specifications	MT	3001.20	2940.30	2883.20	2860.30	2799.40	2742.40	3144.80	3084.00	3026.90	3004.00	2943.10	2886.00
B 14.03			High tensile steel wires/strands including all accessories for stressing, stressing operations and grouting complete as per drawing and Technical Specifications	MT	230150.60	230150.60	230150.60	225392.60	225392.60	225392.60	241429.40	241429.40	241429.40	236671.40	236671.40	236671.40
B 14.04			Providing and laying Cement concrete wearing coat M-30 grade including reinforcement complete as per drawing and Technical Specifications	Cum	12725.10	12572.40	12522.10	11649.70	11553.90	11521.40	15947.90	15795.20	15745.00	14872.60	14776.70	14744.30
B 14.05			Mastic Asphalt													
			Providing and laying 12 mm thick mastic asphalt wearing course on top of deck slab excluding prime coat with paving grade bitumen meeting the requirements given in table 500-39, prepared by using mastic cooker and laid to required level and slope after cleaning the surface, including providing antiskid surface with bitumen precoated fine grained hard stone chipping of 9.5 mm nominal size at the rate of 0.005cum per 10 sqm and at an approximate spacing of 10 cm center to center in both directions, pressed into surface when the temperature of surfaces not less than 100 deg. C, protruding 1 mm to 4 mm over mastic surface, all complete as per clause 516.	Sqm	1828.90	1828.90	1828.90	1783.70	1783.70	1783.70	1904.40	1904.40	1904.40	1859.20	1859.20	1859.20
B 14.06			Construction of precast RCC railing of M30 Grade, aggregate size not exceeding 12 mm, true to line and grade, tolerance of vertical RCC post not to exceed 1 in 500, centre to centre spacing between vertical post not to exceed 2000 mm, leaving adequate space between vertical post for expansion, complete as per approved drawings and technical specifications.	Metre	1034.80	1021.10	1016.10	1016.80	1007.90	1004.50	1311.20	1297.50	1292.60	1293.20	1284.40	1280.90

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(q)		Height 5m to 10m	Cum	19619.60	19404.80	19338.10	19356.80	19224.40	19183.60	20573.40	20358.70	20292.00	20310.60	20178.30	20137.40
	(r)		Height above 10m	Cum	20972.70	20743.10	20671.80	20691.70	20550.20	20506.60	21992.30	21762.70	21691.40	21711.40	21569.90	21526.20
	I		PSC Grade M60													
	(i)		For cast in-situ box girder, segmental construction and balanced cantilever													
	(p)		Height upto 5m	Cum	18595.10	18395.20	18333.10	18350.40	18227.20	18189.20	19507.10	19307.20	19245.10	19262.50	19139.20	19101.20
	(q)		Height 5m to 10m	Cum	19972.50	19757.80	19691.10	19709.70	19577.40	19536.50	20952.10	20737.40	20670.70	20689.30	20556.90	20516.10
	(r)		Height above 10m	Cum	21350.00	21120.40	21049.10	21069.00	20927.50	20883.90	22397.10	22167.50	22096.20	22116.20	21974.70	21931.00
	J		PSC Grade M65													
	(i)		For cast in-situ box girder, segmental construction and balanced cantilever													
	(p)		Height upto 5m	Cum	15200.40	15000.40	14938.30	14961.20	14838.00	14800.00	15935.70	15735.70	15673.60	15696.50	15573.30	15535.20
	(q)		Height 5m to 10m	Cum	16326.30	16111.60	16044.90	16069.40	15937.10	15896.20	17116.10	16901.30	16834.60	16859.20	16726.80	16686.00
	(r)		Height above 10m	Cum	17452.30	17222.70	17151.40	17177.70	17036.20	16992.50	18296.50	18066.90	17995.60	18021.90	17880.40	17836.80
B 14.02			Supplying, fitting and placing HYSD bar reinforcement in super-structure complete as per drawing and technical specifications	MT	3008.70	2947.90	2890.80	2867.90	2807.00	2750.00	3076.80	3015.90	2958.90	2935.90	2875.10	2818.00
B 14.03			High tensile steel wires/strands including all accessories for stressing, stressing operations and grouting complete as per drawing and Technical Specifications	MT	232142.30	232142.30	232142.30	227384.20	227384.20	227384.20	234754.60	234754.60	234754.60	229996.60	229996.60	229996.60
B 14.04			Providing and laying Cement concrete wearing coat M-30 grade including reinforcement complete as per drawing and Technical Specifications	Cum	13386.70	13234.00	13183.70	12311.40	12215.50	12183.10	13952.40	13799.80	13749.50	12877.10	12781.30	12748.80
B 14.05			Mastic Asphalt													
			Providing and laying 12 mm thick mastic asphalt wearing course on top of deck slab excluding prime coat with paving grade bitumen meeting the requirements given in table 500-39, prepared by using mastic cooker and laid to required level and slope after cleaning the surface, including providing antiskid surface with bitumen precoated fine grained hard stone chipping of 9.5 mm nominal size at the rate of 0.005cum per 10 sqm and at an approximate spacing of 10 cm center to center in both directions, pressed into surface when the temperature of surfaces not less than 100 deg. C, protruding 1 mm to 4 mm over mastic surface, all complete as per clause 516.	Sqm	1843.80	1843.80	1843.80	1798.60	1798.60	1798.60	1858.40	1858.40	1858.40	1813.20	1813.20	1813.20
B 14.06			Construction of precast RCC railing of M30 Grade, aggregate size not exceeding 12 mm, true to line and grade, tolerance of vertical RCC post not to exceed 1 in 500, centre to centre spacing between vertical post not to exceed 2000 mm, leaving adequate space between vertical post for expansion, complete as per approved drawings and technical specifications.	Metre	1091.30	1077.60	1072.60	1073.30	1064.40	1061.00	1140.30	1126.60	1121.70	1122.30	1113.50	1110.00

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	(q)		Height 5m to 10m	Cum	28279.40	28064.60	27997.90	28016.60	27884.20	27843.40	25715.50	25500.70	25434.00	25452.60	25320.30	25279.50
	(r)		Height above 10m	Cum	30229.70	30000.10	29928.80	29948.70	29807.30	29763.60	27488.90	27259.40	27188.10	27208.00	27066.50	27022.90
	I		PSC Grade M60													
	(i)		<i>For cast in-situ box girder, segmental construction and balanced cantilever</i>													
	(p)		Height upto 5m	Cum	26760.10	26560.10	26498.00	26515.40	26392.10	26354.10	24347.60	24147.60	24085.50	24102.90	23979.60	23941.60
	(q)		Height 5m to 10m	Cum	28742.30	28527.50	28460.80	28479.50	28347.10	28306.30	26151.10	25936.30	25869.60	25888.30	25755.90	25715.10
	(r)		Height above 10m	Cum	30724.50	30494.90	30423.60	30443.60	30302.10	30258.40	27954.60	27725.00	27653.70	27673.70	27532.20	27488.50
	J		PSC Grade M65													
	(i)		<i>For cast in-situ box girder, segmental construction and balanced cantilever</i>													
	(p)		Height upto 5m	Cum	21772.20	21572.30	21510.20	21533.00	21409.80	21371.80	19830.90	19631.00	19568.90	19591.70	19468.50	19430.50
	(q)		Height 5m to 10m	Cum	23385.00	23170.20	23103.50	23128.10	22995.70	22954.90	21299.90	21085.10	21018.40	21043.00	20910.60	20869.80
	(r)		Height above 10m	Cum	24997.70	24768.20	24696.90	24723.10	24581.60	24538.00	22768.80	22539.20	22468.00	22494.20	22352.70	22309.10
B 14.02			Supplying, fitting and placing HYSD bar reinforcement in super-structure complete as per drawing and technical specifications	MT	3220.40	3159.60	3102.50	3079.60	3018.70	2961.70	3175.10	3114.20	3057.10	3034.20	2973.30	2916.30
B 14.03			High tensile steel wires/strands including all accessories for stressing, stressing operations and grouting complete as per drawing and Technical Specifications	MT	251033.40	251033.40	251033.40	246275.40	246275.40	246275.40	245646.00	245646.00	245646.00	240888.00	240888.00	240888.00
B 14.04			Providing and laying Cement concrete wearing coat M-30 grade including reinforcement complete as per drawing and Technical Specifications	Cum	18934.90	18782.20	18732.00	17859.60	17763.80	17731.30	17274.70	17122.00	17071.70	16199.40	16103.50	16071.10
B 14.05			Mastic Asphalt													
			Providing and laying 12 mm thick mastic asphalt wearing course on top of deck slab excluding prime coat with paving grade bitumen meeting the requirements given in table 500-39, prepared by using mastic cooker and laid to required level and slope after cleaning the surface, including providing antiskid surface with bitumen precoated fine grained hard stone chipping of 9.5 mm nominal size at the rate of 0.005cum per 10 sqm and at an approximate spacing of 10 cm center to center in both directions, pressed into surface when the temperature of surfaces not less than 100 deg. C, protruding 1 mm to 4 mm over mastic surface, all complete as per clause 516.	Sqm	1972.30	1972.30	1972.30	1927.10	1927.10	1927.10	1934.40	1934.40	1934.40	1889.20	1889.20	1889.20
B 14.06			Construction of precast RCC railing of M30 Grade, aggregate size not exceeding 12 mm, true to line and grade, tolerance of vertical RCC post not to exceed 1 in 500, centre to centre spacing between vertical post not to exceed 2000 mm, leaving adequate space between vertical post for expansion, complete as per approved drawings and technical specifications.	Metre	1566.80	1553.00	1548.10	1548.80	1539.90	1536.50	1424.70	1411.00	1406.00	1406.70	1397.80	1394.40

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 14.07			Construction of RCC railing of M30 Grade in-situ with 20 mm nominal size aggregate, true to line and grade, tolerance of vertical RCC post not to exceed 1 in 500, center to center spacing between vertical post not to exceed 2000 mm, leaving adequate space between vertical post for expansion, complete as per drawing and Technical Specification	Metre	994.20	980.50	975.50	976.20	967.30	963.90	938.90	925.20	920.30	920.90	912.10	908.60
B 14.08			Providing, fitting and fixing mild steel railing complete as per drawing and Technical Specification	Metre	4637.20	4637.20	4637.20	4427.70	4427.70	4427.70	4601.30	4601.30	4601.30	4391.80	4391.80	4391.80
B 14.09			Drainage Spouts complete as per drawing and Technical specification	Nos	587103.30	587103.30	587103.30	587032.60	587032.60	587032.60	548713.30	548713.30	548713.30	548642.60	548642.60	548642.60
B 14.10			PCC M15 Grade leveling course below approach slab complete as per drawing and Technical specification													
	Case I		PCC M15 Grade using batching plant & concrete pump	Cum	9219.80	9041.40	8995.40	9021.20	8929.90	8901.30	8665.60	8487.30	8441.30	8467.00	8375.80	8347.20
	Case II		PCC M15 Grade using batching plant & Manual placing	Cum	9770.40	9622.10	9575.50	9441.70	9350.50	9322.40	9216.30	9068.00	9021.40	8887.50	8796.30	8768.30
B 14.11			Reinforced cement concrete approach slab including reinforcement and formwork complete as per drawing and Technical specification	Cum	11285.50	11095.60	11046.70	11071.30	10977.00	10945.60	10645.90	10455.90	10407.10	10431.60	10337.30	10305.90
B 14.12			Providing anti-corrosive treatment to HYSD reinforcement with Fusion Bonded Epoxy Coating (FBEC) <i>To be taken as per the prevailing market rates</i>													
B 14.13			Precast - pretensioned Girders													
			Providing, precasting, transportation and placing in position precast pretensioned concrete girders as per drawing and technical specifications	Cum	40432.50	40295.20	40240.40	40482.50	40389.80	40365.70	39446.60	39309.30	39254.50	39496.60	39403.90	39379.80
B 14.14			Providing and fixing Helical pipes in voided concrete slabs	Metre	579.90	579.90	579.90	579.90	579.90	579.90	555.20	555.20	555.20	555.20	555.20	555.20
B 14.15			Crash Barriers for Bridge													
			Provision of an reinforced cement concrete crash barrier at the bridge decks & approaches to bridge structures, constructed with RCC with HYSD reinforcement conforming to MoRTH specification and as per details given in IRC-5 including Dowel bars, expansion joints filled with pre moulded asphalt filler board etc. and approved drawing and at locations directed by the Engineer all as specified													
	A		Crash Barriers for Bridge (height 950 mm) as per details given in IRC-5	Metre	3569.40	3523.60	3508.50	3511.90	3483.10	3473.40	3370.60	3324.80	3309.70	3313.00	3284.30	3274.50
	B		Crash Barriers for Bridge (height 1100 mm) as per details given in IRC-5	Metre	4174.00	4120.30	4102.60	4106.50	4072.80	4061.30	3940.70	3887.00	3869.30	3873.20	3839.50	3828.10
	C		Crash Barriers for Bridge (height 1550 mm) as per details given in IRC-5	Metre	7220.90	7128.20	7097.70	7065.90	7007.70	6988.00	6818.50	6725.90	6695.30	6663.50	6605.30	6585.60

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 14.07			Construction of RCC railing of M30 Grade in-situ with 20 mm nominal size aggregate, true to line and grade, tolerance of vertical RCC post not to exceed 1 in 500, center to center spacing between vertical post not to exceed 2000 mm, leaving adequate space between vertical post for expansion, complete as per drawing and Technical Specification	Metre	994.20	980.50	975.50	976.20	967.30	963.90	1139.10	1125.40	1120.50	1121.10	1112.30	1108.80
B 14.08			Providing, fitting and fixing mild steel railing complete as per drawing and Technical Specification	Metre	4637.20	4637.20	4637.20	4427.70	4427.70	4427.70	4724.00	4724.00	4724.00	4514.50	4514.50	4514.50
B 14.09			Drainage Spouts complete as per drawing and Technical specification	Nos	587103.30	587103.30	587103.30	587032.60	587032.60	587032.60	625493.30	625493.30	625493.30	625422.60	625422.60	625422.60
B 14.10			PCC M15 Grade leveling course below approach slab complete as per drawing and Technical specification													
	Case I		PCC M15 Grade using batching plant & concrete pump	Cum	9219.80	9041.40	8995.40	9021.20	8929.90	8901.30	11049.00	10870.60	10824.60	10850.40	10759.10	10730.50
	Case II		PCC M15 Grade using batching plant & Manual placing	Cum	9770.40	9622.10	9575.50	9441.70	9350.50	9322.40	11599.60	11451.30	11404.70	11270.90	11179.60	11151.60
B 14.11			Reinforced cement concrete approach slab including reinforcement and formwork complete as per drawing and Technical specification	Cum	11285.50	11095.60	11046.70	11071.30	10977.00	10945.60	12977.20	12787.30	12738.50	12763.00	12668.70	12637.30
B 14.12			Providing anti-corrosive treatment to HYSD reinforcement with Fusion Bonded Epoxy Coating (FBEC) <i>To be taken as per the prevailing market rates</i>													
B 14.13			Precast - pretensioned Girders													
			Providing, precasting, transportation and placing in position precast pretensioned concrete girders as per drawing and technical specifications	Cum	40432.50	40295.20	40240.40	40482.50	40389.80	40365.70	42777.60	42640.20	42585.40	42827.50	42734.90	42710.80
B 14.14			Providing and fixing Helical pipes in voided concrete slabs	Metre	579.90	579.90	579.90	579.90	579.90	579.90	604.60	604.60	604.60	604.60	604.60	604.60
B 14.15			Crash Barriers for Bridge													
			Provision of an reinforced cement concrete crash barrier at the bridge decks & approaches to bridge structures, constructed with RCC with HYSD reinforcement conforming to MoRTH specification and as per details given in IRC-5 including Dowel bars, expansion joints filled with pre moulded asphalt filler board etc. and approved drawing and at locations directed by the Engineer all as specified													
	A		Crash Barriers for Bridge (height 950 mm) as per details given in IRC-5	Metre	3569.40	3523.60	3508.50	3511.90	3483.10	3473.40	4093.30	4047.50	4032.40	4035.70	4007.00	3997.20
	B		Crash Barriers for Bridge (height 1100 mm) as per details given in IRC-5	Metre	4174.00	4120.30	4102.60	4106.50	4072.80	4061.30	4788.70	4734.90	4717.20	4721.10	4687.40	4676.00
	C		Crash Barriers for Bridge (height 1550 mm) as per details given in IRC-5	Metre	7220.90	7128.20	7097.70	7065.90	7007.70	6988.00	8281.10	8188.40	8157.90	8126.00	8067.90	8048.10

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 14.07			Construction of RCC railing of M30 Grade in-situ with 20 mm nominal size aggregate, true to line and grade, tolerance of vertical RCC post not to exceed 1 in 500, center to center spacing between vertical post not to exceed 2000 mm, leaving adequate space between vertical post for expansion, complete as per drawing and Technical Specification	Metre	1264.10	1250.40	1245.40	1246.10	1237.20	1233.80	1235.30	1221.50	1216.60	1217.30	1208.40	1205.00
B 14.08			Providing, fitting and fixing mild steel railing complete as per drawing and Technical Specification	Metre	4796.50	4796.50	4796.50	4587.00	4587.00	4587.00	4779.80	4779.80	4779.80	4570.30	4570.30	4570.30
B 14.09			Drainage Spouts complete as per drawing and Technical specification	Nos	696789.10	696789.10	696789.10	696718.30	696718.30	696718.30	680336.20	680336.20	680336.20	680265.40	680265.40	680265.40
B 14.10			PCC M15 Grade leveling course below approach slab complete as per drawing and Technical specification													
	Case I		PCC M15 Grade using batching plant & concrete pump	Cum	12281.70	12103.30	12057.30	12083.10	11991.80	11963.20	11997.20	11818.90	11772.90	11798.60	11707.30	11678.70
	Case II		PCC M15 Grade using batching plant & Manual placing	Cum	12832.30	12684.00	12637.40	12503.60	12412.30	12384.30	12547.80	12399.50	12352.90	12219.10	12127.90	12099.80
B 14.11			Reinforced cement concrete approach slab including reinforcement and formwork complete as per drawing and Technical specification	Cum	14427.40	14237.50	14188.60	14213.20	14118.90	14087.40	14092.70	13902.80	13854.00	13878.50	13784.20	13752.80
B 14.12			Providing anti-corrosive treatment to HYSD reinforcement with Fusion Bonded Epoxy Coating (FBEC) <i>To be taken as per the prevailing market rates</i>													
B 14.13			Precast - pretensioned Girders													
			Providing, precasting, transportation and placing in position precast pretensioned concrete girders as per drawing and technical specifications	Cum	44913.80	44776.50	44721.70	44963.80	44871.20	44847.00	44420.80	44283.50	44228.70	44470.80	44378.20	44354.10
B 14.14			Providing and fixing Helical pipes in voided concrete slabs	Metre	650.50	650.50	650.50	650.50	650.50	650.50	639.90	639.90	639.90	639.90	639.90	639.90
B 14.15			Crash Barriers for Bridge													
			Provision of an reinforced cement concrete crash barrier at the bridge decks & approaches to bridge structures, constructed with RCC with HYSD reinforcement conforming to MoRTH specification and as per details given in IRC-5 including Dowel bars, expansion joints filled with pre moulded asphalt filler board etc. and approved drawing and at locations directed by the Engineer all as specified													
	A		Crash Barriers for Bridge (height 950 mm) as per details given in IRC-5	Metre	4544.30	4498.50	4483.40	4486.70	4458.00	4448.20	4440.20	4394.40	4379.30	4382.60	4353.90	4344.10
	B		Crash Barriers for Bridge (height 1100 mm) as per details given in IRC-5	Metre	5317.70	5264.00	5246.30	5250.20	5216.50	5205.10	5195.60	5141.90	5124.20	5128.10	5094.40	5083.00
	C		Crash Barriers for Bridge (height 1550 mm) as per details given in IRC-5	Metre	9193.60	9101.00	9070.50	9038.60	8980.40	8960.70	8983.00	8890.40	8859.90	8828.00	8769.80	8750.10

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 14.07			Construction of RCC railing of M30 Grade in-situ with 20 mm nominal size aggregate, true to line and grade, tolerance of vertical RCC post not to exceed 1 in 500, center to center spacing between vertical post not to exceed 2000 mm, leaving adequate space between vertical post for expansion, complete as per drawing and Technical Specification	Metre	1034.80	1021.10	1016.10	1016.80	1007.90	1004.50	1311.20	1297.50	1292.60	1293.20	1284.40	1280.90
B 14.08			Providing, fitting and fixing mild steel railing complete as per drawing and Technical Specification	Metre	4662.70	4662.70	4662.70	4453.10	4453.10	4453.10	4824.40	4824.40	4824.40	4614.90	4614.90	4614.90
B 14.09			Drainage Spouts complete as per drawing and Technical specification	Nos	598071.90	598071.90	598071.90	598001.10	598001.10	598001.10	702273.40	702273.40	702273.40	702202.60	702202.60	702202.60
B 14.10			PCC M15 Grade leveling course below approach slab complete as per drawing and Technical specification													
	Case I		PCC M15 Grade using batching plant & concrete pump	Cum	10009.60	9831.30	9785.30	9811.00	9719.70	9691.20	12753.30	12575.00	12529.00	12554.70	12463.40	12434.80
	Case II		PCC M15 Grade using batching plant & Manual placing	Cum	10560.20	10412.00	10365.30	10231.50	10140.30	10112.20	13303.90	13155.60	13109.00	12975.20	12884.00	12855.90
B 14.11			Reinforced cement concrete approach slab including reinforcement and formwork complete as per drawing and Technical specification	Cum	11759.60	11569.70	11520.80	11545.40	11451.10	11419.60	14978.90	14788.90	14740.10	14764.60	14670.30	14638.90
B 14.12			Providing anti-corrosive treatment to HYSD reinforcement with Fusion Bonded Epoxy Coating (FBEC) <i>To be taken as per the prevailing market rates</i>													
B 14.13			Precast - pretensioned Girders													
			Providing, precasting, transportation and placing in position precast pretensioned concrete girders as per drawing and technical specifications	Cum	41098.90	40961.60	40906.80	41148.90	41056.20	41032.10	45649.50	45512.20	45457.40	45699.50	45606.80	45582.70
B 14.14			Providing and fixing Helical pipes in voided concrete slabs	Metre	587.00	587.00	587.00	587.00	587.00	587.00	654.00	654.00	654.00	654.00	654.00	654.00
B 14.15			Crash Barriers for Bridge													
			Provision of an reinforced cement concrete crash barrier at the bridge decks & approaches to bridge structures, constructed with RCC with HYSD reinforcement conforming to MoRTH specification and as per details given in IRC-5 including Dowel bars, expansion joints filled with pre moulded asphalt filler board etc. and approved drawing and at locations directed by the Engineer all as specified													
	A		Crash Barriers for Bridge (height 950 mm) as per details given in IRC-5	Metre	3717.00	3671.30	3656.20	3659.50	3630.70	3621.00	4714.10	4668.40	4653.30	4656.60	4627.80	4618.10
	B		Crash Barriers for Bridge (height 1100 mm) as per details given in IRC-5	Metre	4347.20	4293.50	4275.80	4279.70	4246.00	4234.60	5517.00	5463.30	5445.60	5449.50	5415.80	5404.40
	C		Crash Barriers for Bridge (height 1550 mm) as per details given in IRC-5	Metre	7519.70	7427.00	7396.50	7364.60	7306.50	7286.70	9537.40	9444.80	9414.20	9382.40	9324.20	9304.50

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 14.07			Construction of RCC railing of M30 Grade in-situ with 20 mm nominal size aggregate, true to line and grade, tolerance of vertical RCC post not to exceed 1 in 500, center to center spacing between vertical post not to exceed 2000 mm, leaving adequate space between vertical post for expansion, complete as per drawing and Technical Specification	Metre	1091.30	1077.60	1072.60	1073.30	1064.40	1061.00	1140.30	1126.60	1121.70	1122.30	1113.50	1110.00
B 14.08			Providing, fitting and fixing mild steel railing complete as per drawing and Technical Specification	Metre	4696.10	4696.10	4696.10	4486.60	4486.60	4486.60	4724.00	4724.00	4724.00	4514.50	4514.50	4514.50
B 14.09			Drainage Spouts complete as per drawing and Technical specification	Nos	603556.20	603556.20	603556.20	603485.40	603485.40	603485.40	652914.80	652914.80	652914.80	652844.00	652844.00	652844.00
B 14.10			PCC M15 Grade leveling course below approach slab complete as per drawing and Technical specification													
	Case I		PCC M15 Grade using batching plant & concrete pump	Cum	10575.50	10397.10	10351.10	10376.90	10285.60	10257.00	11052.00	10873.70	10827.70	10853.40	10762.20	10733.60
	Case II		PCC M15 Grade using batching plant & Manual placing	Cum	11126.10	10977.80	10931.20	10797.40	10706.20	10678.10	11602.70	11454.40	11407.80	11273.90	11182.70	11154.70
B 14.11			Reinforced cement concrete approach slab including reinforcement and formwork complete as per drawing and Technical specification	Cum	12421.10	12231.10	12182.30	12206.80	12112.50	12081.10	12985.10	12795.20	12746.30	12770.90	12676.60	12645.10
B 14.12			Providing anti-corrosive treatment to HYSD reinforcement with Fusion Bonded Epoxy Coating (FBEC) <i>To be taken as per the prevailing market rates</i>													
B 14.13			Precast - pretensioned Girders													
			Providing, precasting, transportation and placing in position precast pretensioned concrete girders as per drawing and technical specifications	Cum	41977.40	41840.10	41785.30	42027.40	41934.80	41910.60	42885.00	42747.70	42692.90	42935.00	42842.30	42818.20
B 14.14			Providing and fixing Helical pipes in voided concrete slabs	Metre	590.50	590.50	590.50	590.50	590.50	590.50	622.30	622.30	622.30	622.30	622.30	622.30
B 14.15			Crash Barriers for Bridge													
			Provision of an reinforced cement concrete crash barrier at the bridge decks & approaches to bridge structures, constructed with RCC with HYSD reinforcement conforming to MoRTH specification and as per details given in IRC-5 including Dowel bars, expansion joints filled with pre moulded asphalt filler board etc. and approved drawing and at locations directed by the Engineer all as specified													
	A		Crash Barriers for Bridge (height 950 mm) as per details given in IRC-5	Metre	3920.70	3875.00	3859.90	3863.20	3834.40	3824.70	4097.70	4052.00	4036.90	4040.20	4011.40	4001.70
	B		Crash Barriers for Bridge (height 1100 mm) as per details given in IRC-5	Metre	4586.20	4532.50	4514.80	4518.70	4485.00	4473.50	4793.90	4740.10	4722.40	4726.40	4692.60	4681.20
	C		Crash Barriers for Bridge (height 1550 mm) as per details given in IRC-5	Metre	7931.90	7839.20	7808.70	7776.80	7718.70	7698.90	8290.00	8197.40	8166.90	8135.00	8076.90	8057.10

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 14.07			Construction of RCC railing of M30 Grade in-situ with 20 mm nominal size aggregate, true to line and grade, tolerance of vertical RCC post not to exceed 1 in 500, center to center spacing between vertical post not to exceed 2000 mm, leaving adequate space between vertical post for expansion, complete as per drawing and Technical Specification	Metre	1566.80	1553.00	1548.10	1548.80	1539.90	1536.50	1424.70	1411.00	1406.00	1406.70	1397.80	1394.40
B 14.08			Providing, fitting and fixing mild steel railing complete as per drawing and Technical Specification	Metre	4975.00	4975.00	4975.00	4765.50	4765.50	4765.50	4891.30	4891.30	4891.30	4681.80	4681.80	4681.80
B 14.09			Drainage Spouts complete as per drawing and Technical specification	Nos	757116.20	757116.20	757116.20	757045.50	757045.50	757045.50	724210.50	724210.50	724210.50	724139.70	724139.70	724139.70
B 14.10			PCC M15 Grade leveling course below approach slab complete as per drawing and Technical specification													
	Case I		PCC M15 Grade using batching plant & concrete pump	Cum	15303.00	15124.70	15078.70	15104.40	15013.10	14984.60	13886.20	13707.90	13661.90	13687.60	13596.40	13567.80
	Case II		PCC M15 Grade using batching plant & Manual placing	Cum	15853.60	15705.30	15658.70	15524.90	15433.70	15405.60	14436.80	14288.60	14242.00	14108.10	14016.90	13988.80
B 14.11			Reinforced cement concrete approach slab including reinforcement and formwork complete as per drawing and Technical specification	Cum	17964.00	17774.10	17725.20	17749.80	17655.50	17624.00	16304.90	16115.00	16066.10	16090.70	15996.40	15964.90
B 14.12			Providing anti-corrosive treatment to HYSD reinforcement with Fusion Bonded Epoxy Coating (FBEC) <i>To be taken as per the prevailing market rates</i>													
B 14.13			Precast - pretensioned Girders													
			Providing, precasting, transportation and placing in position precast pretensioned concrete girders as per drawing and technical specifications	Cum	49721.00	49583.70	49528.90	49771.00	49678.40	49654.30	47449.50	47312.20	47257.40	47499.50	47406.90	47382.70
B 14.14			Providing and fixing Helical pipes in voided concrete slabs	Metre	689.30	689.30	689.30	689.30	689.30	689.30	668.20	668.20	668.20	668.20	668.20	668.20
B 14.15			Crash Barriers for Bridge													
			Provision of an reinforced cement concrete crash barrier at the bridge decks & approaches to bridge structures, constructed with RCC with HYSD reinforcement conforming to MoRTH specification and as per details given in IRC-5 including Dowel bars, expansion joints filled with pre moulded asphalt filler board etc. and approved drawing and at locations directed by the Engineer all as specified													
	A		Crash Barriers for Bridge (height 950 mm) as per details given in IRC-5	Metre	5635.60	5589.90	5574.80	5578.10	5549.30	5539.60	5123.30	5077.50	5062.40	5065.80	5037.00	5027.30
	B		Crash Barriers for Bridge (height 1100 mm) as per details given in IRC-5	Metre	6598.20	6544.50	6526.80	6530.70	6496.90	6485.50	5997.10	5943.40	5925.70	5929.60	5895.80	5884.40
	C		Crash Barriers for Bridge (height 1550 mm) as per details given in IRC-5	Metre	11402.20	11309.60	11279.00	11247.20	11189.00	11169.30	10365.40	10272.80	10242.20	10210.40	10152.20	10132.50

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 14.16			Painting on concrete surface													
			Providing and applying 2 coats of water based cement paint to unplastered concrete surface after cleaning the surface of dirt, dust, oil, grease, efflorescence and applying paint @ of 1 litre for 2 sqm.	Metre	134.00	134.00	134.00	134.00	134.00	134.00	128.80	128.80	128.80	128.80	128.80	128.80
B 14.17			Filler joint													
			Providing & fixing 2 mm thick corrugated copper plate in expansion joint complete as per drawing & Technical Specification.	Metre	5313.60	5313.60	5313.60	5313.60	5313.60	5313.60	4971.00	4971.00	4971.00	4971.00	4971.00	4971.00
			Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per drawing & Technical Specification.	Metre	68.40	68.40	68.40	68.40	68.40	68.40	65.00	65.00	65.00	65.00	65.00	65.00
			Providing and fixing in position 20 mm thick premoulded joint filler in expansion joint for fixed ends of simply supported spans not exceeding 10 m	Metre	110.40	110.40	110.40	110.40	110.40	110.40	104.60	104.60	104.60	104.60	104.60	104.60
			Providing and filling joint sealing compound as per drawings and technical specifications with coarse sand and 6 per cent bitumen by weight	Metre	53.50	53.50	53.50	53.50	53.50	53.50	52.60	52.60	52.60	52.60	52.60	52.60
B 14.18			Asphaltic Plug joint													
			Providing and laying of asphaltic plug joint to provide for horizontal movement of 25 mm and vertical movement of 2 mm, depth of joint varying from 75 mm to 100 mm, width varying from 500 mm to 750 mm (in traffic direction), covered with a closure plate of 200mm x 6mm of weldable structural steel conforming to IS: 2062, asphaltic plug to consist of polymer modified bitumen binder, carefully selected single size aggregate of 12.5 mm nominal size and a heat resistant foam caulking/backer rod, all as per approved drawings and specifications.	Metre	569840.20	569840.20	569840.20	569840.20	569840.20	569840.20	565297.30	565297.30	565297.30	565297.30	565297.30	565297.30
B 14.19			Elastomeric Slab Steel Expansion Joint													
			Providing and laying of an elastomeric slab steel expansion joint, catering to right or skew (less than 20 deg., moderately curved with maximum horizontal movement upto 50 mm, complete as per approved drawings and standard specifications to be installed by the manufacturer/supplier or their authorised representative ensuring compliance to the manufacturer's instructions for installation and clause 2605 of MoRTH specifications for road & bridge works.	Metre	30513.50	30513.50	30513.50	30513.50	30513.50	30513.50	28524.40	28524.40	28524.40	28524.40	28524.40	28524.40

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 14.16			Painting on concrete surface													
			Providing and applying 2 coats of water based cement paint to unplastered concrete surface after cleaning the surface of dirt, dust, oil, grease, efflorescence and applying paint @ of 1 litre for 2 sqm.	Metre	134.00	134.00	134.00	134.00	134.00	134.00	139.30	139.30	139.30	139.30	139.30	139.30
B 14.17			Filler joint													
			Providing & fixing 2 mm thick corrugated copper plate in expansion joint complete as per drawing & Technical Specification.	Metre	5313.60	5313.60	5313.60	5313.60	5313.60	5313.60	5656.10	5656.10	5656.10	5656.10	5656.10	5656.10
			Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per drawing & Technical Specification.	Metre	68.40	68.40	68.40	68.40	68.40	68.40	71.90	71.90	71.90	71.90	71.90	71.90
			Providing and fixing in position 20 mm thick premoulded joint filler in expansion joint for fixed ends of simply supported spans not exceeding 10 m	Metre	110.40	110.40	110.40	110.40	110.40	110.40	116.20	116.20	116.20	116.20	116.20	116.20
			Providing and filling joint sealing compound as per drawings and technical specifications with coarse sand and 6 per cent bitumen by weight	Metre	53.50	53.50	53.50	53.50	53.50	53.50	55.70	55.70	55.70	55.70	55.70	55.70
B 14.18			Asphaltic Plug joint													
			Providing and laying of asphaltic plug joint to provide for horizontal movement of 25 mm and vertical movement of 2 mm, depth of joint varying from 75 mm to 100 mm, width varying from 500 mm to 750 mm (in traffic direction), covered with a closure plate of 200mm x 6mm of weldable structural steel conforming to IS: 2062, asphaltic plug to consist of polymer modified bitumen binder, carefully selected single size aggregate of 12.5 mm nominal size and a heat resistant foam caulking/backer rod, all as per approved drawings and specifications.	Metre	573197.40	573197.40	573197.40	573197.40	573197.40	573197.40	584074.70	584074.70	584074.70	584074.70	584074.70	584074.70
B 14.19			Elastomeric Slab Steel Expansion Joint													
			Providing and laying of an elastomeric slab steel expansion joint, catering to right or skew (less than 20 deg., moderately curved with maximum horizontal movement upto 50 mm, complete as per approved drawings and standard specifications to be installed by the manufacturer/supplier or their authorised representative ensuring compliance to the manufacturer's instructions for installation and clause 2605 of MoRTH specifications for road & bridge works.	Metre	30513.50	30513.50	30513.50	30513.50	30513.50	30513.50	32502.50	32502.50	32502.50	32502.50	32502.50	32502.50

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 14.16			Painting on concrete surface													
			Providing and applying 2 coats of water based cement paint to unplastered concrete surface after cleaning the surface of dirt, dust, oil, grease, efflorescence and applying paint @ of 1 litre for 2 sqm.	Metre	149.00	149.00	149.00	149.00	149.00	149.00	146.80	146.80	146.80	146.80	146.80	146.80
B 14.17			Filler joint													
			Providing & fixing 2 mm thick corrugated copper plate in expansion joint complete as per drawing & Technical Specification.	Metre	6292.30	6292.30	6292.30	6292.30	6292.30	6292.30	6145.50	6145.50	6145.50	6145.50	6145.50	6145.50
			Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per drawing & Technical Specification.	Metre	78.40	78.40	78.40	78.40	78.40	78.40	76.90	76.90	76.90	76.90	76.90	76.90
			Providing and fixing in position 20 mm thick premoulded joint filler in expansion joint for fixed ends of simply supported spans not exceeding 10 m	Metre	126.90	126.90	126.90	126.90	126.90	126.90	124.50	124.50	124.50	124.50	124.50	124.50
			Providing and filling joint sealing compound as per drawings and technical specifications with coarse sand and 6 per cent bitumen by weight	Metre	57.70	57.70	57.70	57.70	57.70	57.70	57.20	57.20	57.20	57.20	57.20	57.20
B 14.18			Asphaltic Plug joint													
			Providing and laying of asphaltic plug joint to provide for horizontal movement of 25 mm and vertical movement of 2 mm, depth of joint varying from 75 mm to 100 mm, width varying from 500 mm to 750 mm (in traffic direction), covered with a closure plate of 200mm x 6mm of weldable structural steel conforming to IS: 2062, asphaltic plug to consist of polymer modified bitumen binder, carefully selected single size aggregate of 12.5 mm nominal size and a heat resistant foam caulking/backer rod, all as per approved drawings and specifications.	Metre	596945.70	596945.70	596945.70	596945.70	596945.70	596945.70	593921.90	593921.90	593921.90	593921.90	593921.90	593921.90
B 14.19			Elastomeric Slab Steel Expansion Joint													
			Providing and laying of an elastomeric slab steel expansion joint, catering to right or skew (less than 20 deg., moderately curved with maximum horizontal movement upto 50 mm, complete as per approved drawings and standard specifications to be installed by the manufacturer/supplier or their authorised representative ensuring compliance to the manufacturer's instructions for installation and clause 2605 of MoRTH specifications for road & bridge works.	Metre	36196.40	36196.40	36196.40	36196.40	36196.40	36196.40	35343.90	35343.90	35343.90	35343.90	35343.90	35343.90

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 14.16			Painting on concrete surface													
			Providing and applying 2 coats of water based cement paint to unplastered concrete surface after cleaning the surface of dirt, dust, oil, grease, efflorescence and applying paint @ of 1 litre for 2 sqm.	Metre	135.50	135.50	135.50	135.50	135.50	135.50	149.70	149.70	149.70	149.70	149.70	149.70
B 14.17			Filler joint													
			Providing & fixing 2 mm thick corrugated copper plate in expansion joint complete as per drawing & Technical Specification.	Metre	5411.40	5411.40	5411.40	5411.40	5411.40	5411.40	6341.20	6341.20	6341.20	6341.20	6341.20	6341.20
			Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per drawing & Technical Specification.	Metre	69.40	69.40	69.40	69.40	69.40	69.40	78.80	78.80	78.80	78.80	78.80	78.80
			Providing and fixing in position 20 mm thick premoulded joint filler in expansion joint for fixed ends of simply supported spans not exceeding 10 m	Metre	112.10	112.10	112.10	112.10	112.10	112.10	127.80	127.80	127.80	127.80	127.80	127.80
			Providing and filling joint sealing compound as per drawings and technical specifications with coarse sand and 6 per cent bitumen by weight	Metre	54.00	54.00	54.00	54.00	54.00	54.00	58.50	58.50	58.50	58.50	58.50	58.50
B 14.18			Asphaltic Plug joint													
			Providing and laying of asphaltic plug joint to provide for horizontal movement of 25 mm and vertical movement of 2 mm, depth of joint varying from 75 mm to 100 mm, width varying from 500 mm to 750 mm (in traffic direction), covered with a closure plate of 200mm x 6mm of weldable structural steel conforming to IS: 2062, asphaltic plug to consist of polymer modified bitumen binder, carefully selected single size aggregate of 12.5 mm nominal size and a heat resistant foam caulking/backer rod, all as per approved drawings and specifications.	Metre	573228.50	573228.50	573228.50	573228.50	573228.50	573228.50	601838.70	601838.70	601838.70	601838.70	601838.70	601838.70
B 14.19			Elastomeric Slab Steel Expansion Joint													
			Providing and laying of an elastomeric slab steel expansion joint, catering to right or skew (less than 20 deg., moderately curved with maximum horizontal movement upto 50 mm, complete as per approved drawings and standard specifications to be installed by the manufacturer/supplier or their authorised representative ensuring compliance to the manufacturer's instructions for installation and clause 2605 of MoRTH specifications for road & bridge works.	Metre	31081.70	31081.70	31081.70	31081.70	31081.70	31081.70	36480.50	36480.50	36480.50	36480.50	36480.50	36480.50

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 14.16			Painting on concrete surface													
			Providing and applying 2 coats of water based cement paint to unplastered concrete surface after cleaning the surface of dirt, dust, oil, grease, efflorescence and applying paint @ of 1 litre for 2 sqm.	Metre	136.30	136.30	136.30	136.30	136.30	136.30	143.00	143.00	143.00	143.00	143.00	143.00
B 14.17			Filler joint													
			Providing & fixing 2 mm thick corrugated copper plate in expansion joint complete as per drawing & Technical Specification.	Metre	5460.40	5460.40	5460.40	5460.40	5460.40	5460.40	5900.80	5900.80	5900.80	5900.80	5900.80	5900.80
			Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per drawing & Technical Specification.	Metre	69.90	69.90	69.90	69.90	69.90	69.90	74.40	74.40	74.40	74.40	74.40	74.40
			Providing and fixing in position 20 mm thick premoulded joint filler in expansion joint for fixed ends of simply supported spans not exceeding 10 m	Metre	112.90	112.90	112.90	112.90	112.90	112.90	120.30	120.30	120.30	120.30	120.30	120.30
			Providing and filling joint sealing compound as per drawings and technical specifications with coarse sand and 6 per cent bitumen by weight	Metre	54.90	54.90	54.90	54.90	54.90	54.90	55.70	55.70	55.70	55.70	55.70	55.70
B 14.18			Asphaltic Plug joint													
			Providing and laying of asphaltic plug joint to provide for horizontal movement of 25 mm and vertical movement of 2 mm, depth of joint varying from 75 mm to 100 mm, width varying from 500 mm to 750 mm (in traffic direction), covered with a closure plate of 200mm x 6mm of weldable structural steel conforming to IS: 2062, asphaltic plug to consist of polymer modified bitumen binder, carefully selected single size aggregate of 12.5 mm nominal size and a heat resistant foam caulking/backer rod, all as per approved drawings and specifications.	Metre	579135.00	579135.00	579135.00	579135.00	579135.00	579135.00	584152.50	584152.50	584152.50	584152.50	584152.50	584152.50
B 14.19			Elastomeric Slab Steel Expansion Joint													
			Providing and laying of an elastomeric slab steel expansion joint, catering to right or skew (less than 20 deg., moderately curved with maximum horizontal movement upto 50 mm, complete as per approved drawings and standard specifications to be installed by the manufacturer/supplier or their authorised representative ensuring compliance to the manufacturer's instructions for installation and clause 2605 of MoRTH specifications for road & bridge works.	Metre	31365.90	31365.90	31365.90	31365.90	31365.90	31365.90	33923.20	33923.20	33923.20	33923.20	33923.20	33923.20

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 14.16			Painting on concrete surface													
			Providing and applying 2 coats of water based cement paint to unplastered concrete surface after cleaning the surface of dirt, dust, oil, grease, efflorescence and applying paint @ of 1 litre for 2 sqm.	Metre	157.20	157.20	157.20	157.20	157.20	157.20	152.70	152.70	152.70	152.70	152.70	152.70
B 14.17			Filler joint													
			Providing & fixing 2 mm thick corrugated copper plate in expansion joint complete as per drawing & Technical Specification.	Metre	6830.60	6830.60	6830.60	6830.60	6830.60	6830.60	6537.00	6537.00	6537.00	6537.00	6537.00	6537.00
			Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per drawing & Technical Specification.	Metre	83.80	83.80	83.80	83.80	83.80	83.80	80.80	80.80	80.80	80.80	80.80	80.80
			Providing and fixing in position 20 mm thick premoulded joint filler in expansion joint for fixed ends of simply supported spans not exceeding 10 m	Metre	136.00	136.00	136.00	136.00	136.00	136.00	131.10	131.10	131.10	131.10	131.10	131.10
			Providing and filling joint sealing compound as per drawings and technical specifications with coarse sand and 6 per cent bitumen by weight	Metre	62.70	62.70	62.70	62.70	62.70	62.70	60.30	60.30	60.30	60.30	60.30	60.30
B 14.18			Asphaltic Plug joint													
			Providing and laying of asphaltic plug joint to provide for horizontal movement of 25 mm and vertical movement of 2 mm, depth of joint varying from 75 mm to 100 mm, width varying from 500 mm to 750 mm (in traffic direction), covered with a closure plate of 200mm x 6mm of weldable structural steel conforming to IS: 2062, asphaltic plug to consist of polymer modified bitumen binder, carefully selected single size aggregate of 12.5 mm nominal size and a heat resistant foam caulking/backer rod, all as per approved drawings and specifications.	Metre	628281.80	628281.80	628281.80	628281.80	628281.80	628281.80	613556.10	613556.10	613556.10	613556.10	613556.10	613556.10
B 14.19			Elastomeric Slab Steel Expansion Joint													
			Providing and laying of an elastomeric slab steel expansion joint, catering to right or skew (less than 20 deg., moderately curved with maximum horizontal movement upto 50 mm, complete as per approved drawings and standard specifications to be installed by the manufacturer/supplier or their authorised representative ensuring compliance to the manufacturer's instructions for installation and clause 2605 of MoRTH specifications for road & bridge works.	Metre	39322.00	39322.00	39322.00	39322.00	39322.00	39322.00	37617.10	37617.10	37617.10	37617.10	37617.10	37617.10

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 14.20			Compression Seal Joint													
			Providing and laying of compression seal joint consisting of steel armoured nosing at two edges of the joint gap suitably anchored to the deck concrete and a preformed chloroprene elastomer or closed cell foam joint sealer compressed and fixed into the joint gap with special adhesive binder to cater for a horizontal movement upto 40 mm and vertical movement of 3 mm.	Metre	6636.50	6636.50	6636.50	6636.50	6636.50	6636.50	6206.60	6206.60	6206.60	6206.60	6206.60	6206.60
B 14.21			Strip Seal Expansion Joint													
			Providing and laying of a strip seal expansion joint catering to maximum horizontal movement upto 70 mm, complete as per approved drawings and standard specifications to be installed by the manufacturer/supplier or their authorised representative ensuring compliance to the manufacturer's instructions for installation.	Metre	28095.60	28095.60	28095.60	28095.60	28095.60	28095.60	26263.20	26263.20	26263.20	26263.20	26263.20	26263.20
B 14.22			Modular Strip / Box Seal Joint													
			Providing and laying of a modular strip Box seal expansion joint including anchorage catering to a horizontal movement beyond 70 mm and upto 140mm, complete as per approved drawings and standard specifications to be installed by the manufacturer/supplier or their authorised representative ensuring compliance to the manufacturer's instructions for installation.	Metre	28846.10	28846.10	28846.10	28846.10	28846.10	28846.10	26965.60	26965.60	26965.60	26965.60	26965.60	26965.60
B 14.23			Modular Strip / Box Seal Joint													
			Providing and laying of a modular strip box seal expansion joint catering to a horizontal movement beyond 140mm and upto 210mm, complete as per approved drawings and standard specifications to be installed by the manufacturer/supplier or their authorised representative ensuring compliance to the manufacturer's instructions for installation.	Metre	28885.70	28885.70	28885.70	28885.70	28885.70	28885.70	27005.20	27005.20	27005.20	27005.20	27005.20	27005.20
B 14.24			Painting with synthetic enamel paint bridge No. and span arrangements													
			Painting two coats after filling the surface with synthetic enamel paint bridge No. and span arrangements as per as directed by Engineer.	Nos	340.80	340.80	340.80	289.10	289.10	289.10	332.10	332.10	332.10	280.30	280.30	280.30

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 14.20			Compression Seal Joint													
			Providing and laying of compression seal joint consisting of steel armoured nosing at two edges of the joint gap suitably anchored to the deck concrete and a preformed chloroprene elastomer or closed cell foam joint sealer compressed and fixed into the joint gap with special adhesive binder to cater for a horizontal movement upto 40 mm and vertical movement of 3 mm.	Metre	6636.50	6636.50	6636.50	6636.50	6636.50	6636.50	7066.30	7066.30	7066.30	7066.30	7066.30	7066.30
B 14.21			Strip Seal Expansion Joint													
			Providing and laying of a strip seal expansion joint catering to maximum horizontal movement upto 70 mm, complete as per approved drawings and standard specifications to be installed by the manufacturer/supplier or their authorised representative ensuring compliance to the manufacturer's instructions for installation.	Metre	28095.60	28095.60	28095.60	28095.60	28095.60	28095.60	29927.90	29927.90	29927.90	29927.90	29927.90	29927.90
B 14.22			Modular Strip / Box Seal Joint													
			Providing and laying of a modular strip Box seal expansion joint including anchorage catering to a horizontal movement beyond 70 mm and upto 140mm, complete as per approved drawings and standard specifications to be installed by the manufacturer/supplier or their authorised representative ensuring compliance to the manufacturer's instructions for installation.	Metre	28846.10	28846.10	28846.10	28846.10	28846.10	28846.10	30726.60	30726.60	30726.60	30726.60	30726.60	30726.60
B 14.23			Modular Strip / Box Seal Joint													
			Providing and laying of a modular strip box seal expansion joint catering to a horizontal movement beyond 140mm and upto 210mm, complete as per approved drawings and standard specifications to be installed by the manufacturer/supplier or their authorised representative ensuring compliance to the manufacturer's instructions for installation.	Metre	28885.70	28885.70	28885.70	28885.70	28885.70	28885.70	30766.20	30766.20	30766.20	30766.20	30766.20	30766.20
B 14.24			Painting with synthetic enamel paint bridge No. and span arrangements													
			Painting two coats after filling the surface with synthetic enamel paint bridge No. and span arrangements as per as directed by Engineer.	Nos	340.80	340.80	340.80	289.10	289.10	289.10	349.50	349.50	349.50	297.80	297.80	297.80

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 14.20			Compression Seal Joint													
			Providing and laying of compression seal joint consisting of steel armoured nosing at two edges of the joint gap suitably anchored to the deck concrete and a preformed chloroprene elastomer or closed cell foam joint sealer compressed and fixed into the joint gap with special adhesive binder to cater for a horizontal movement upto 40 mm and vertical movement of 3 mm.	Metre	7864.60	7864.60	7864.60	7864.60	7864.60	7864.60	7680.40	7680.40	7680.40	7680.40	7680.40	7680.40
B 14.21			Strip Seal Expansion Joint													
			Providing and laying of a strip seal expansion joint catering to maximum horizontal movement upto 70 mm, complete as per approved drawings and standard specifications to be installed by the manufacturer/supplier or their authorised representative ensuring compliance to the manufacturer's instructions for installation.	Metre	33330.70	33330.70	33330.70	33330.70	33330.70	33330.70	32545.50	32545.50	32545.50	32545.50	32545.50	32545.50
B 14.22			Modular Strip / Box Seal Joint													
			Providing and laying of a modular strip Box seal expansion joint including anchorage catering to a horizontal movement beyond 70 mm and upto 140mm, complete as per approved drawings and standard specifications to be installed by the manufacturer/supplier or their authorised representative ensuring compliance to the manufacturer's instructions for installation.	Metre	34219.00	34219.00	34219.00	34219.00	34219.00	34219.00	33413.10	33413.10	33413.10	33413.10	33413.10	33413.10
B 14.23			Modular Strip / Box Seal Joint													
			Providing and laying of a modular strip box seal expansion joint catering to a horizontal movement beyond 140mm and upto 210mm, complete as per approved drawings and standard specifications to be installed by the manufacturer/supplier or their authorised representative ensuring compliance to the manufacturer's instructions for installation.	Metre	34258.70	34258.70	34258.70	34258.70	34258.70	34258.70	33452.70	33452.70	33452.70	33452.70	33452.70	33452.70
B 14.24			Painting with synthetic enamel paint bridge No. and span arrangements													
			Painting two coats after filling the surface with synthetic enamel paint bridge No. and span arrangements as per as directed by Engineer.	Nos	365.80	365.80	365.80	314.00	314.00	314.00	362.00	362.00	362.00	310.30	310.30	310.30

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 14.20			Compression Seal Joint													
			Providing and laying of compression seal joint consisting of steel armoured nosing at two edges of the joint gap suitably anchored to the deck concrete and a preformed chloroprene elastomer or closed cell foam joint sealer compressed and fixed into the joint gap with special adhesive binder to cater for a horizontal movement upto 40 mm and vertical movement of 3 mm.	Metre	6759.30	6759.30	6759.30	6759.30	6759.30	6759.30	7926.00	7926.00	7926.00	7926.00	7926.00	7926.00
B 14.21			Strip Seal Expansion Joint													
			Providing and laying of a strip seal expansion joint catering to maximum horizontal movement upto 70 mm, complete as per approved drawings and standard specifications to be installed by the manufacturer/supplier or their authorised representative ensuring compliance to the manufacturer's instructions for installation.	Metre	28619.10	28619.10	28619.10	28619.10	28619.10	28619.10	33592.50	33592.50	33592.50	33592.50	33592.50	33592.50
B 14.22			Modular Strip / Box Seal Joint													
			Providing and laying of a modular strip Box seal expansion joint including anchorage catering to a horizontal movement beyond 70 mm and upto 140mm, complete as per approved drawings and standard specifications to be installed by the manufacturer/supplier or their authorised representative ensuring compliance to the manufacturer's instructions for installation.	Metre	29383.40	29383.40	29383.40	29383.40	29383.40	29383.40	34487.70	34487.70	34487.70	34487.70	34487.70	34487.70
B 14.23			Modular Strip / Box Seal Joint													
			Providing and laying of a modular strip box seal expansion joint catering to a horizontal movement beyond 140mm and upto 210mm, complete as per approved drawings and standard specifications to be installed by the manufacturer/supplier or their authorised representative ensuring compliance to the manufacturer's instructions for installation.	Metre	29423.00	29423.00	29423.00	29423.00	29423.00	29423.00	34527.30	34527.30	34527.30	34527.30	34527.30	34527.30
B 14.24			Painting with synthetic enamel paint bridge No. and span arrangements													
			Painting two coats after filling the surface with synthetic enamel paint bridge No. and span arrangements as per as directed by Engineer.	Nos	343.30	343.30	343.30	291.60	291.60	291.60	367.00	367.00	367.00	315.30	315.30	315.30

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 14.20			Compression Seal Joint													
			Providing and laying of compression seal joint consisting of steel armoured nosing at two edges of the joint gap suitably anchored to the deck concrete and a preformed chloroprene elastomer or closed cell foam joint sealer compressed and fixed into the joint gap with special adhesive binder to cater for a horizontal movement upto 40 mm and vertical movement of 3 mm.	Metre	6820.70	6820.70	6820.70	6820.70	6820.70	6820.70	7373.30	7373.30	7373.30	7373.30	7373.30	7373.30
B 14.21			Strip Seal Expansion Joint													
			Providing and laying of a strip seal expansion joint catering to maximum horizontal movement upto 70 mm, complete as per approved drawings and standard specifications to be installed by the manufacturer/supplier or their authorised representative ensuring compliance to the manufacturer's instructions for installation.	Metre	28880.80	28880.80	28880.80	28880.80	28880.80	28880.80	31236.70	31236.70	31236.70	31236.70	31236.70	31236.70
B 14.22			Modular Strip / Box Seal Joint													
			Providing and laying of a modular strip Box seal expansion joint including anchorage catering to a horizontal movement beyond 70 mm and upto 140mm, complete as per approved drawings and standard specifications to be installed by the manufacturer/supplier or their authorised representative ensuring compliance to the manufacturer's instructions for installation.	Metre	29652.00	29652.00	29652.00	29652.00	29652.00	29652.00	32069.90	32069.90	32069.90	32069.90	32069.90	32069.90
B 14.23			Modular Strip / Box Seal Joint													
			Providing and laying of a modular strip box seal expansion joint catering to a horizontal movement beyond 140mm and upto 210mm, complete as per approved drawings and standard specifications to be installed by the manufacturer/supplier or their authorised representative ensuring compliance to the manufacturer's instructions for installation.	Metre	29691.70	29691.70	29691.70	29691.70	29691.70	29691.70	32109.50	32109.50	32109.50	32109.50	32109.50	32109.50
B 14.24			Painting with synthetic enamel paint bridge No. and span arrangements													
			Painting two coats after filling the surface with synthetic enamel paint bridge No. and span arrangements as per as directed by Engineer.	Nos	344.50	344.50	344.50	292.80	292.80	292.80	355.80	355.80	355.80	304.00	304.00	304.00

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 14.20			Compression Seal Joint													
			Providing and laying of compression seal joint consisting of steel armoured nosing at two edges of the joint gap suitably anchored to the deck concrete and a preformed chloroprene elastomer or closed cell foam joint sealer compressed and fixed into the joint gap with special adhesive binder to cater for a horizontal movement upto 40 mm and vertical movement of 3 mm.	Metre	8540.10	8540.10	8540.10	8540.10	8540.10	8540.10	8171.60	8171.60	8171.60	8171.60	8171.60	8171.60
B 14.21			Strip Seal Expansion Joint													
			Providing and laying of a strip seal expansion joint catering to maximum horizontal movement upto 70 mm, complete as per approved drawings and standard specifications to be installed by the manufacturer/supplier or their authorised representative ensuring compliance to the manufacturer's instructions for installation.	Metre	36210.10	36210.10	36210.10	36210.10	36210.10	36210.10	34639.50	34639.50	34639.50	34639.50	34639.50	34639.50
B 14.22			Modular Strip / Box Seal Joint													
			Providing and laying of a modular strip Box seal expansion joint including anchorage catering to a horizontal movement beyond 70 mm and upto 140mm, complete as per approved drawings and standard specifications to be installed by the manufacturer/supplier or their authorised representative ensuring compliance to the manufacturer's instructions for installation.	Metre	37174.20	37174.20	37174.20	37174.20	37174.20	37174.20	35562.30	35562.30	35562.30	35562.30	35562.30	35562.30
B 14.23			Modular Strip / Box Seal Joint													
			Providing and laying of a modular strip box seal expansion joint catering to a horizontal movement beyond 140mm and upto 210mm, complete as per approved drawings and standard specifications to be installed by the manufacturer/supplier or their authorised representative ensuring compliance to the manufacturer's instructions for installation.	Metre	37213.80	37213.80	37213.80	37213.80	37213.80	37213.80	35601.90	35601.90	35601.90	35601.90	35601.90	35601.90
B 14.24			Painting with synthetic enamel paint bridge No. and span arrangements													
			Painting two coats after filling the surface with synthetic enamel paint bridge No. and span arrangements as per as directed by Engineer.	Nos	379.50	379.50	379.50	327.70	327.70	327.70	372.00	372.00	372.00	320.20	320.20	320.20

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 14.25			Bipolar corrosion inhibiting admixture in concrete for protection of reinforced steel from corrosion													
			Admix polydentate, bipolar, migratory, integral, non nitrite base concrete penetrating corrosion inhibiting admixture at a dosage of 3 Kg per cu.m. of concrete as per manufacturers specification. Inhibitor should conforms to following - i. ASTM G-109-2005- Long term corrosion test resulting in a corrosion rate of zero coulombs . ii. JIS Z 1535- Accelerated corrosion test showing significant reduction in corrosion using the admixture. iii. ASTM G1- Immersion test for 720 hrs indicating rebar weight loss less than 5 mpy iv. ASTM G3- Polarization test by Tafel test indicating Rebar weight loss of less than 5 mpy	Sqm	275.00	275.00	275.00	275.00	275.00	275.00	272.40	272.40	272.40	272.40	272.40	272.40
B 14.26			Providing structural steel for super-structure complete as per drawing and technical specifications	MT	174301.00	174301.00	174301.00	164635.50	164635.50	164635.50	171650.10	171650.10	171650.10	161984.60	161984.60	161984.60

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 14.25			Bipolar corrosion inhibiting admixture in concrete for protection of reinforced steel from corrosion													
			Admix polydentate, bipolar, migratory, integral, non nitrite base concrete penetrating corrosion inhibiting admixture at a dosage of 3 Kg per cu.m. of concrete as per manufacturers specification. Inhibitor should conforms to following - i. ASTM G-109-2005- Long term corrosion test resulting in a corrosion rate of zero coulombs . ii. JIS Z 1535- Accelerated corrosion test showing significant reduction in corrosion using the admixture. iii. ASTM G1- Immersion test for 720 hrs indicating rebar weight loss less than 5 mpy iv. ASTM G3- Polarization test by Tafel test indicating Rebar weight loss of less than 5 mpy	Sqm	275.00	275.00	275.00	275.00	275.00	275.00	281.30	281.30	281.30	281.30	281.30	281.30
B 14.26			Providing structural steel for super-structure complete as per drawing and technical specifications	MT	174301.00	174301.00	174301.00	164635.50	164635.50	164635.50	178306.20	178306.20	178306.20	168640.70	168640.70	168640.70

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 14.25			Bipolar corrosion inhibiting admixture in concrete for protection of reinforced steel from corrosion													
			Admix polydentate, bipolar, migratory, integral, non nitrite base concrete penetrating corrosion inhibiting admixture at a dosage of 3 Kg per cu.m. of concrete as per manufacturers specification. Inhibitor should conforms to following - i. ASTM G-109-2005- Long term corrosion test resulting in a corrosion rate of zero coulombs . ii. JIS Z 1535- Accelerated corrosion test showing significant reduction in corrosion using the admixture. iii. ASTM G1- Immersion test for 720 hrs indicating rebar weight loss less than 5 mpy iv. ASTM G3- Polarization test by Tafel test indicating Rebar weight loss of less than 5 mpy	Sqm	286.50	286.50	286.50	286.50	286.50	286.50	285.30	285.30	285.30	285.30	285.30	285.30
B 14.26			Providing structural steel for super-structure complete as per drawing and technical specifications	MT	183383.40	183383.40	183383.40	173717.90	173717.90	173717.90	182211.80	182211.80	182211.80	172546.20	172546.20	172546.20

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 14.25			Bipolar corrosion inhibiting admixture in concrete for protection of reinforced steel from corrosion													
			Admix polydentate, bipolar, migratory, integral, non nitrite base concrete penetrating corrosion inhibiting admixture at a dosage of 3 Kg per cu.m. of concrete as per manufacturers specification. Inhibitor should conforms to following - i. ASTM G-109-2005- Long term corrosion test resulting in a corrosion rate of zero coulombs . ii. JIS Z 1535- Accelerated corrosion test showing significant reduction in corrosion using the admixture. iii. ASTM G1- Immersion test for 720 hrs indicating rebar weight loss less than 5 mpy iv. ASTM G3- Polarization test by Tafel test indicating Rebar weight loss of less than 5 mpy	Sqm	276.80	276.80	276.80	276.80	276.80	276.80	288.50	288.50	288.50	288.50	288.50	288.50
B 14.26			Providing structural steel for super-structure complete as per drawing and technical specifications	MT	175462.20	175462.20	175462.20	165796.70	165796.70	165796.70	184368.20	184368.20	184368.20	174702.60	174702.60	174702.60

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 14.25			Bipolar corrosion inhibiting admixture in concrete for protection of reinforced steel from corrosion													
			Admix polydentate, bipolar, migratory, integral, non nitrite base concrete penetrating corrosion inhibiting admixture at a dosage of 3 Kg per cu.m. of concrete as per manufacturers specification. Inhibitor should conforms to following - i. ASTM G-109-2005- Long term corrosion test resulting in a corrosion rate of zero coulombs . ii. JIS Z 1535- Accelerated corrosion test showing significant reduction in corrosion using the admixture. iii. ASTM G1- Immersion test for 720 hrs indicating rebar weight loss less than 5 mpy iv. ASTM G3- Polarization test by Tafel test indicating Rebar weight loss of less than 5 mpy	Sqm	279.20	279.20	279.20	279.20	279.20	279.20	281.30	281.30	281.30	281.30	281.30	281.30
B 14.26			Providing structural steel for super-structure complete as per drawing and technical specifications	MT	176595.50	176595.50	176595.50	166929.90	166929.90	166929.90	179516.30	179516.30	179516.30	169850.70	169850.70	169850.70

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 14.25			Bipolar corrosion inhibiting admixture in concrete for protection of reinforced steel from corrosion													
			Admix polydentate, bipolar, migratory, integral, non nitrite base concrete penetrating corrosion inhibiting admixture at a dosage of 3 Kg per cu.m. of concrete as per manufacturers specification. Inhibitor should conforms to following - i. ASTM G-109-2005- Long term corrosion test resulting in a corrosion rate of zero coulombs . ii. JIS Z 1535- Accelerated corrosion test showing significant reduction in corrosion using the admixture. iii. ASTM G1- Immersion test for 720 hrs indicating rebar weight loss less than 5 mpy iv. ASTM G3- Polarization test by Tafel test indicating Rebar weight loss of less than 5 mpy	Sqm	299.40	299.40	299.40	299.40	299.40	299.40	293.40	293.40	293.40	293.40	293.40	293.40
B 14.26			Providing structural steel for super-structure complete as per drawing and technical specifications	MT	190799.00	190799.00	190799.00	181133.40	181133.40	181133.40	187118.70	187118.70	187118.70	177453.20	177453.20	177453.20

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			14 : BOX CELL STRUCTURES													
B 15.01			Excavation for Structures													
			Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material.													
	I		Ordinary soil													
	A		Manual Means													
	(i)		Depth upto 3 m	Cum	362.50	362.50	362.50	272.50	272.50	272.50	362.50	362.50	362.50	272.50	272.50	272.50
	(ii)		Depth 3 m to 6 m	Cum	466.00	466.00	466.00	350.40	350.40	350.40	466.00	466.00	466.00	350.40	350.40	350.40
	(iii)		Depth above 6 m	Cum	621.40	621.40	621.40	467.20	467.20	467.20	621.40	621.40	621.40	467.20	467.20	467.20
	B		Mechanical Means													
	(i)		Depth upto 3 m	Cum	112.30	103.90	107.10	93.60	86.50	89.00	112.30	103.90	107.10	93.60	86.50	89.00
	(ii)		Depth 3 m to 6 m	Cum	112.20	103.90	107.10	93.40	86.30	88.90	112.20	103.90	107.10	93.40	86.30	88.90
	(iii)		Depth above 6 m	Cum	137.30	127.10	131.20	114.10	105.40	128.20	137.30	127.10	131.20	114.10	105.40	128.20
	II		Ordinary Rock (not requiring blasting)													
	A (i)		Manual Means - Depth upto 3 m	Cum	517.80	517.80	517.80	389.30	389.30	389.30	517.80	517.80	517.80	389.30	389.30	389.30
	B		Mechanical Means	Cum	531.50	575.90	584.50	466.80	501.00	501.60	531.50	575.90	584.50	466.80	501.00	501.60
	III		Hard Rock (requiring blasting)													
	A		Manual Means	Cum	920.00	1009.90	1099.90	728.60	728.60	728.60	915.70	1005.60	1095.50	724.30	724.30	724.30
			Mechanical Mean:													
	B		Carrying out excavation in hard rock to achieve a specified slope of the rock face by controlled use of explosives and blasting accessories in properly aligned and spaced drill holes, collection of the excavated rock by a dozer, loading in tipper by a frontend loader and disposing of the material with al lifts and lead upto 1000 meters, all as specified in Clause No.303	Cum	661.00	680.70	688.00	588.20	579.20	581.20	634.70	654.40	661.70	561.90	552.90	554.90
	IV		Hard Rock (blasting prohibited)													
	A		Mechanical Means	Cum	849.70	831.80	795.80	712.30	696.90	666.50	849.70	831.80	795.80	712.30	696.90	666.50
	V		Marshy Soil													
	A		Manual means - Depth upto 3 m	Cum	1050.40	1050.40	1050.40	793.50	793.50	793.50	1050.40	1050.40	1050.40	793.50	793.50	793.50
	B		Mechanical Means - Depth upto 3 m	Cum	308.30	281.90	278.60	276.70	254.20	251.20	302.90	276.50	273.20	271.30	248.80	245.80
	VI		Back Filling in Marshy Foundation Pits	Cum	563.90	563.90	563.90	435.40	435.40	435.40	560.90	560.90	560.90	432.40	432.40	432.40
B 15.02			Filling Annular Space Around Footing in Rock	Cum												
			PCC-15 nominal mix.													
			Rate may be taken as per item 15.11													
B 15.03			Sand Filling in Foundation Trenches as per Drawing & Technical Specification	Cum	6156.10	6124.90	6115.10	6153.50	6122.30	6112.60	5128.00	5096.80	5087.10	5125.40	5094.30	5084.50
B 15.04			Brick Masonry Work in Cement Mortar 1:3 in Foundation complete excluding Pointing and Plastering, as per Drawing and Technical Specifications.	Cum	13818.60	13732.80	13708.90	13102.10	13016.30	12992.40	12317.20	12231.40	12207.50	11600.70	11514.90	11491.00

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			14 : BOX CELL STRUCTURES													
B 15.01			Excavation for Structures													
			Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material.													
	I		Ordinary soil													
	A		Manual Means													
	(i)		Depth upto 3 m	Cum	362.50	362.50	362.50	272.50	272.50	272.50	362.50	362.50	362.50	272.50	272.50	272.50
	(ii)		Depth 3 m to 6 m	Cum	466.00	466.00	466.00	350.40	350.40	350.40	466.00	466.00	466.00	350.40	350.40	350.40
	(iii)		Depth above 6 m	Cum	621.40	621.40	621.40	467.20	467.20	467.20	621.40	621.40	621.40	467.20	467.20	467.20
	B		Mechanical Means													
	(i)		Depth upto 3 m	Cum	112.30	103.90	107.10	93.60	86.50	89.00	112.30	103.90	107.10	93.60	86.50	89.00
	(ii)		Depth 3 m to 6 m	Cum	112.20	103.90	107.10	93.40	86.30	88.90	112.20	103.90	107.10	93.40	86.30	88.90
	(iii)		Depth above 6 m	Cum	137.30	127.10	131.20	114.10	105.40	128.20	137.30	127.10	131.20	114.10	105.40	128.20
	II		Ordinary Rock (not requiring blasting)													
	A (i)		Manual Means - Depth upto 3 m	Cum	517.80	517.80	517.80	389.30	389.30	389.30	517.80	517.80	517.80	389.30	389.30	389.30
	B		Mechanical Means	Cum	531.50	575.90	584.50	466.80	501.00	501.60	531.50	575.90	584.50	466.80	501.00	501.60
	III		Hard Rock (requiring blasting)													
	A		Manual Means	Cum	920.00	1009.90	1099.90	728.60	728.60	728.60	924.40	1014.30	1104.20	733.00	733.00	733.00
			Mechanical Mean:													
	B		Carrying out excavation in hard rock to achieve a specified slope of the rock face by controlled use of explosives and blasting accessories in properly aligned and spaced drill holes, collection of the excavated rock by a dozer, loading in tipper by a frontend loader and disposing of the material with al lifts and lead upto 1000 meters, all as specified in Clause No.303	Cum	661.00	680.70	688.00	588.20	579.20	581.20	687.30	707.00	714.40	614.50	605.50	607.60
	IV		Hard Rock (blasting prohibited)													
	A		Mechanical Means	Cum	849.70	831.80	795.80	712.30	696.90	666.50	849.70	831.80	795.80	712.30	696.90	666.50
	V		Marshy Soil													
	A		Manual means - Depth upto 3 m	Cum	1050.40	1050.40	1050.40	793.50	793.50	793.50	1050.40	1050.40	1050.40	793.50	793.50	793.50
	B		Mechanical Means - Depth upto 3 m	Cum	308.30	281.90	278.60	276.70	254.20	251.20	313.80	287.40	284.00	282.20	259.60	256.60
	VI		Back Filling in Marshy Foundation Pits	Cum	563.90	563.90	563.90	435.40	435.40	435.40	567.00	567.00	567.00	438.40	438.40	438.40
B 15.02			Filling Annular Space Around Footing in Rock	Cum												
			PCC-15 nominal mix.													
			Rate may be taken as per item 15.11													
B 15.03			Sand Filling in Foundation Trenches as per Drawing & Technical Specification	Cum	6156.10	6124.90	6115.10	6153.50	6122.30	6112.60	8479.30	8448.20	8438.40	8476.80	8445.60	8435.90
B 15.04			Brick Masonry Work in Cement Mortar 1:3 in Foundation complete excluding Pointing and Plastering, as per Drawing and Technical Specifications.	Cum	13818.60	13732.80	13708.90	13102.10	13016.30	12992.40	17217.40	17131.60	17107.70	16500.90	16415.10	16391.20

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			14 : BOX CELL STRUCTURES													
B 15.01			Excavation for Structures													
			Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material.													
	I		Ordinary soil													
	A		Manual Means													
	(i)		Depth upto 3 m	Cum	362.50	362.50	362.50	272.50	272.50	272.50	362.50	362.50	362.50	272.50	272.50	272.50
	(ii)		Depth 3 m to 6 m	Cum	466.00	466.00	466.00	350.40	350.40	350.40	466.00	466.00	466.00	350.40	350.40	350.40
	(iii)		Depth above 6 m	Cum	621.40	621.40	621.40	467.20	467.20	467.20	621.40	621.40	621.40	467.20	467.20	467.20
	B		Mechanical Means													
	(i)		Depth upto 3 m	Cum	112.30	103.90	107.10	93.60	86.50	89.00	112.30	103.90	107.10	93.60	86.50	89.00
	(ii)		Depth 3 m to 6 m	Cum	112.20	103.90	107.10	93.40	86.30	88.90	112.20	103.90	107.10	93.40	86.30	88.90
	(iii)		Depth above 6 m	Cum	137.30	127.10	131.20	114.10	105.40	128.20	137.30	127.10	131.20	114.10	105.40	128.20
	II		Ordinary Rock (not requiring blasting)													
	A (i)		Manual Means - Depth upto 3 m	Cum	517.80	517.80	517.80	389.30	389.30	389.30	517.80	517.80	517.80	389.30	389.30	389.30
	B		Mechanical Means	Cum	531.50	575.90	584.50	466.80	501.00	501.60	531.50	575.90	584.50	466.80	501.00	501.60
	III		Hard Rock (requiring blasting)													
	A		Manual Means	Cum	932.40	1022.40	1112.30	741.00	741.00	741.00	930.60	1020.50	1110.40	739.20	739.20	739.20
			Mechanical Mean:													
	B		Carrying out excavation in hard rock to achieve a specified slope of the rock face by controlled use of explosives and blasting accessories in properly aligned and spaced drill holes, collection of the excavated rock by a dozer, loading in tipper by a frontend loader and disposing of the material with al lifts and lead upto 1000 meters, all as specified in Clause No.303	Cum	736.20	756.00	763.30	663.50	654.50	656.50	725.00	744.70	752.00	652.20	643.20	645.20
	IV		Hard Rock (blasting prohibited)													
	A		Mechanical Means	Cum	849.70	831.80	795.80	712.30	696.90	666.50	849.70	831.80	795.80	712.30	696.90	666.50
	V		Marshy Soil													
	A		Manual means - Depth upto 3 m	Cum	1050.40	1050.40	1050.40	793.50	793.50	793.50	1050.40	1050.40	1050.40	793.50	793.50	793.50
	B		Mechanical Means - Depth upto 3 m	Cum	323.80	297.40	294.10	292.20	269.70	266.70	321.50	295.10	291.80	289.90	267.40	264.40
	VI		Back Filling in Marshy Foundation Pits	Cum	572.60	572.60	572.60	444.00	444.00	444.00	571.30	571.30	571.30	442.70	442.70	442.70
B 15.02			Filling Annular Space Around Footing in Rock	Cum												
			PCC-15 nominal mix.													
			Rate may be taken as per item 15.11													
B 15.03			Sand Filling in Foundation Trenches as per Drawing & Technical Specification	Cum	10605.30	10574.10	10564.40	10602.70	10571.60	10561.80	10114.70	10083.50	10073.80	10112.10	10081.00	10071.20
B 15.04			Brick Masonry Work in Cement Mortar 1:3 in Foundation complete excluding Pointing and Plastering, as per Drawing and Technical Specifications.	Cum	20316.60	20230.80	20206.90	19600.10	19514.30	19490.40	19601.40	19515.60	19491.70	18884.90	18799.10	18775.20

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			14 : BOX CELL STRUCTURES													
B 15.01			Excavation for Structures													
			Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material.													
	I		Ordinary soil													
	A		Manual Means													
	(i)		Depth upto 3 m	Cum	362.50	362.50	362.50	272.50	272.50	272.50	362.50	362.50	362.50	272.50	272.50	272.50
	(ii)		Depth 3 m to 6 m	Cum	466.00	466.00	466.00	350.40	350.40	350.40	466.00	466.00	466.00	350.40	350.40	350.40
	(iii)		Depth above 6 m	Cum	621.40	621.40	621.40	467.20	467.20	467.20	621.40	621.40	621.40	467.20	467.20	467.20
	B		Mechanical Means													
	(i)		Depth upto 3 m	Cum	112.30	103.90	107.10	93.60	86.50	89.00	112.30	103.90	107.10	93.60	86.50	89.00
	(ii)		Depth 3 m to 6 m	Cum	112.20	103.90	107.10	93.40	86.30	88.90	112.20	103.90	107.10	93.40	86.30	88.90
	(iii)		Depth above 6 m	Cum	137.30	127.10	131.20	114.10	105.40	128.20	137.30	127.10	131.20	114.10	105.40	128.20
	II		Ordinary Rock (not requiring blasting)													
	A (i)		Manual Means - Depth upto 3 m	Cum	517.80	517.80	517.80	389.30	389.30	389.30	517.80	517.80	517.80	389.30	389.30	389.30
	B		Mechanical Means	Cum	531.50	575.90	584.50	466.80	501.00	501.60	531.50	575.90	584.50	466.80	501.00	501.60
	III		Hard Rock (requiring blasting)													
	A		Manual Means	Cum	921.30	1011.20	1101.10	729.90	729.90	729.90	933.10	1023.00	1112.90	741.60	741.60	741.60
			Mechanical Mean:													
	B		Carrying out excavation in hard rock to achieve a specified slope of the rock face by controlled use of explosives and blasting accessories in properly aligned and spaced drill holes, collection of the excavated rock by a dozer, loading in tipper by a frontend loader and disposing of the material with al lifts and lead upto 1000 meters, all as specified in Clause No.303	Cum	668.50	688.20	695.60	595.70	586.70	588.70	740.00	759.70	767.00	667.20	658.20	660.20
	IV		Hard Rock (blasting prohibited)													
	A		Mechanical Means	Cum	849.70	831.80	795.80	712.30	696.90	666.50	849.70	831.80	795.80	712.30	696.90	666.50
	V		Marshy Soil													
	A		Manual means - Depth upto 3 m	Cum	1050.40	1050.40	1050.40	793.50	793.50	793.50	1050.40	1050.40	1050.40	793.50	793.50	793.50
	B		Mechanical Means - Depth upto 3 m	Cum	309.90	283.50	280.10	278.30	255.70	252.70	324.60	298.20	294.90	293.00	270.50	267.50
	VI		Back Filling in Marshy Foundation Pits	Cum	564.80	564.80	564.80	436.30	436.30	436.30	573.00	573.00	573.00	444.50	444.50	444.50
B 15.02			Filling Annular Space Around Footing in Rock	Cum												
			PCC-15 nominal mix.													
			Rate may be taken as per item 15.11													
B 15.03			Sand Filling in Foundation Trenches as per Drawing & Technical Specification	Cum	6681.50	6650.30	6640.60	6678.90	6647.80	6638.00	11422.30	11391.10	11381.40	11419.70	11388.60	11378.80
B 15.04			Brick Masonry Work in Cement Mortar 1:3 in Foundation complete excluding Pointing and Plastering, as per Drawing and Technical Specifications.	Cum	14598.20	14512.40	14488.50	13881.70	13795.90	13772.00	21506.40	21420.60	21396.70	20790.00	20704.20	20680.30

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			14 : BOX CELL STRUCTURES													
B 15.01			Excavation for Structures													
			Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material.													
	I		Ordinary soil													
	A		Manual Means													
	(i)		Depth upto 3 m	Cum	362.50	362.50	362.50	272.50	272.50	272.50	362.50	362.50	362.50	272.50	272.50	272.50
	(ii)		Depth 3 m to 6 m	Cum	466.00	466.00	466.00	350.40	350.40	350.40	466.00	466.00	466.00	350.40	350.40	350.40
	(iii)		Depth above 6 m	Cum	621.40	621.40	621.40	467.20	467.20	467.20	621.40	621.40	621.40	467.20	467.20	467.20
	B		Mechanical Means													
	(i)		Depth upto 3 m	Cum	112.30	103.90	107.10	93.60	86.50	89.00	112.30	103.90	107.10	93.60	86.50	89.00
	(ii)		Depth 3 m to 6 m	Cum	112.20	103.90	107.10	93.40	86.30	88.90	112.20	103.90	107.10	93.40	86.30	88.90
	(iii)		Depth above 6 m	Cum	137.30	127.10	131.20	114.10	105.40	128.20	137.30	127.10	131.20	114.10	105.40	128.20
	II		Ordinary Rock (not requiring blasting)													
	A (i)		Manual Means - Depth upto 3 m	Cum	517.80	517.80	517.80	389.30	389.30	389.30	517.80	517.80	517.80	389.30	389.30	389.30
	B		Mechanical Means	Cum	531.50	575.90	584.50	466.80	501.00	501.60	531.50	575.90	584.50	466.80	501.00	501.60
	III		Hard Rock (requiring blasting)													
	A		Manual Means	Cum	921.90	1011.80	1101.70	730.50	730.50	730.50	927.50	1017.40	1107.30	736.10	736.10	736.10
			Mechanical Mean:													
	B		Carrying out excavation in hard rock to achieve a specified slope of the rock face by controlled use of explosives and blasting accessories in properly aligned and spaced drill holes, collection of the excavated rock by a dozer, loading in tipper by a frontend loader and disposing of the material with al lifts and lead upto 1000 meters, all as specified in Clause No.303	Cum	672.30	692.00	699.30	599.50	590.50	592.50	706.10	725.90	733.20	633.40	624.40	626.40
	IV		Hard Rock (blasting prohibited)													
	A		Mechanical Means	Cum	849.70	831.80	795.80	712.30	696.90	666.50	849.70	831.80	795.80	712.30	696.90	666.50
	V		Marshy Soil													
	A		Manual means - Depth upto 3 m	Cum	1050.40	1050.40	1050.40	793.50	793.50	793.50	1050.40	1050.40	1050.40	793.50	793.50	793.50
	B		Mechanical Means - Depth upto 3 m	Cum	310.70	284.30	280.90	279.10	256.50	253.50	317.60	291.20	287.90	286.00	263.50	260.50
	VI		Back Filling in Marshy Foundation Pits	Cum	565.20	565.20	565.20	436.70	436.70	436.70	569.10	569.10	569.10	440.60	440.60	440.60
B 15.02			Filling Annular Space Around Footing in Rock	Cum												
			PCC-15 nominal mix.													
			Rate may be taken as per item 15.11													
B 15.03			Sand Filling in Foundation Trenches as per Drawing & Technical Specification	Cum	7661.80	7630.70	7620.90	7659.30	7628.10	7618.40	8480.20	8449.10	8439.30	8477.70	8446.50	8436.70
B 15.04			Brick Masonry Work in Cement Mortar 1:3 in Foundation complete excluding Pointing and Plastering, as per Drawing and Technical Specifications.	Cum	16025.90	15940.10	15916.20	15309.50	15223.70	15199.80	17220.00	17134.20	17110.30	16503.60	16417.80	16393.90

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			14 : BOX CELL STRUCTURES													
B 15.01			Excavation for Structures													
			Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material.													
	I		Ordinary soil													
	A		Manual Means													
	(i)		Depth upto 3 m	Cum	362.50	362.50	362.50	272.50	272.50	272.50	362.50	362.50	362.50	272.50	272.50	272.50
	(ii)		Depth 3 m to 6 m	Cum	466.00	466.00	466.00	350.40	350.40	350.40	466.00	466.00	466.00	350.40	350.40	350.40
	(iii)		Depth above 6 m	Cum	621.40	621.40	621.40	467.20	467.20	467.20	621.40	621.40	621.40	467.20	467.20	467.20
	B		Mechanical Means													
	(i)		Depth upto 3 m	Cum	112.30	103.90	107.10	93.60	86.50	89.00	112.30	103.90	107.10	93.60	86.50	89.00
	(ii)		Depth 3 m to 6 m	Cum	112.20	103.90	107.10	93.40	86.30	88.90	112.20	103.90	107.10	93.40	86.30	88.90
	(iii)		Depth above 6 m	Cum	137.30	127.10	131.20	114.10	105.40	128.20	137.30	127.10	131.20	114.10	105.40	128.20
	II		Ordinary Rock (not requiring blasting)													
	A (i)		Manual Means - Depth upto 3 m	Cum	517.80	517.80	517.80	389.30	389.30	389.30	517.80	517.80	517.80	389.30	389.30	389.30
	B		Mechanical Means	Cum	531.50	575.90	584.50	466.80	501.00	501.60	531.50	575.90	584.50	466.80	501.00	501.60
	III		Hard Rock (requiring blasting)													
	A		Manual Means	Cum	939.30	1029.20	1119.10	747.90	747.90	747.90	935.50	1025.50	1115.40	744.10	744.10	744.10
			Mechanical Mean:													
	B		Carrying out excavation in hard rock to achieve a specified slope of the rock face by controlled use of explosives and blasting accessories in properly aligned and spaced drill holes, collection of the excavated rock by a dozer, loading in tipper by a frontend loader and disposing of the material with al lifts and lead upto 1000 meters, all as specified in Clause No.303	Cum	777.60	797.30	804.70	704.80	695.80	697.90	755.10	774.80	782.10	682.30	673.30	675.30
	IV		Hard Rock (blasting prohibited)													
	A		Mechanical Means	Cum	849.70	831.80	795.80	712.30	696.90	666.50	849.70	831.80	795.80	712.30	696.90	666.50
	V		Marshy Soil													
	A		Manual means - Depth upto 3 m	Cum	1050.40	1050.40	1050.40	793.50	793.50	793.50	1050.40	1050.40	1050.40	793.50	793.50	793.50
	B		Mechanical Means - Depth upto 3 m	Cum	332.40	306.00	302.60	300.80	278.20	275.20	327.70	301.30	298.00	296.10	273.60	270.60
	VI		Back Filling in Marshy Foundation Pits	Cum	577.30	577.30	577.30	448.80	448.80	448.80	574.70	574.70	574.70	446.20	446.20	446.20
B 15.02			Filling Annular Space Around Footing in Rock	Cum												
			PCC-15 nominal mix.													
			Rate may be taken as per item 15.11													
B 15.03			Sand Filling in Foundation Trenches as per Drawing & Technical Specification	Cum	15834.80	15803.60	15793.90	15832.20	15801.10	15791.30	13383.30	13352.20	13342.40	13380.80	13349.60	13339.80
B 15.04			Brick Masonry Work in Cement Mortar 1:3 in Foundation complete excluding Pointing and Plastering, as per Drawing and Technical Specifications.	Cum	27934.20	27848.40	27824.50	27217.80	27131.90	27108.00	24363.00	24277.20	24253.30	23646.50	23560.70	23536.80

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 15.05			Sub Analysis													
B 15.06			Stone Masonry Work in Cement Mortar 1:3 in Foundation complete as per Drawing and Technical Specifications.													
	(A)		Square Rubble Coursed Rubble Masonry (first sort)	Cum	11490.70	11490.70	11490.70	10425.00	10425.00	10425.00	11115.50	11115.50	11115.50	10049.90	10049.90	10049.90
	(B)		Random Rubble Masonry	Cum	8278.30	8278.30	8278.30	8822.80	8822.80	8822.80	7890.60	7890.60	7890.60	8435.10	8435.10	8435.10
B 15.07			Brick masonry work in 1:3 in sub-structure complete excluding pointing and plastering, as per drawing and Technical Specifications	Cum	13130.80	13038.30	13013.50	12585.20	12492.70	12467.90	11629.40	11536.90	11512.10	11083.70	10991.20	10966.50
B 15.08			Pointing with cement mortar (1:3) on brick work in substructure as per Technical Specifications	Sqm	160.60	160.60	160.60	129.20	129.20	129.20	156.80	156.80	156.80	125.50	125.50	125.50
B 15.09			Plastering with cement mortar (1:3) on brick work in sub-structure as per Technical Specifications	Sqm	309.40	305.90	305.60	275.40	271.90	271.70	291.30	287.80	287.50	257.30	253.80	253.60
B 15.10			Stone masonry work in cement mortar 1:3 for substructure complete as per drawing and Technical Specifications													
	A		Random Rubble Masonry	Cum	9738.70	9571.20	9522.20	8926.80	8759.30	8710.30	9319.40	9151.90	9102.90	8507.50	8340.00	8291.00
	B		Coursed rubble masonry (first sort)	Cum	10280.90	10113.40	10064.40	9292.00	9124.60	9075.60	9899.10	9731.70	9682.70	8910.30	8742.80	8693.80
	C		Ashlar masonry (first sort)	Cum	14551.20	14383.80	14334.80	12943.00	12775.50	12726.50	14132.00	13964.50	13915.50	12523.70	12356.20	12307.20
B 15.11			Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications.													
	A		PCC Grade M15													
	Case I		using batching plant & Concrete pump	Cum	10229.10	10128.70	10097.20	10173.10	10072.80	10041.30	9619.60	9519.20	9487.70	9563.60	9463.20	9431.80
	Case II		using batching plant & manual placing	Cum	10598.20	10497.80	10467.00	10385.80	10285.50	10254.60	9988.60	9888.30	9857.40	9776.30	9676.00	9645.10
	B		PCC Grade M20													
	Case I		using batching plant & Concrete pump	Cum	11123.30	10960.60	10910.00	10904.80	10804.40	10773.00	10468.10	10305.40	10254.80	10249.60	10149.20	10117.80
	Case II		using batching plant & manual placing	Cum	11729.00	11565.90	11514.60	11367.40	11267.10	11236.20	11073.80	10910.70	10859.40	10712.20	10611.90	10581.00
	C		RCC Grade M20													
	Case I		using batching plant & Concrete pump	Cum	11448.50	11285.80	11235.20	11220.60	11120.20	11088.70	10791.20	10628.50	10577.90	10563.30	10462.90	10431.40
	Case II		using batching plant & manual placing	Cum	12092.20	11929.10	11877.80	11711.70	11611.30	11580.40	11434.90	11271.80	11220.50	11054.40	10954.00	10923.10
	D		PCC Grade M25													
	Case I		using batching plant & Concrete pump	Cum	11814.20	11651.50	11600.90	11595.70	11495.30	11463.90	11122.20	10959.50	10908.90	10903.70	10803.30	10771.90
	Case II		using batching plant & manual placing	Cum	12419.90	12256.80	12205.50	12058.30	11957.90	11927.00	11727.90	11564.80	11513.50	11366.30	11265.90	11235.10
	E		RCC Grade M25													
	Case I		using batching plant & Concrete pump	Cum	12185.40	12022.70	11972.10	11957.50	11857.10	11825.60	11488.30	11325.70	11275.10	11260.40	11160.10	11128.60
	Case II		using batching plant & manual placing	Cum	12829.10	12666.00	12614.70	12448.60	12348.30	12317.40	12132.10	11969.00	11917.70	11751.60	11651.20	11620.30
	F		PCC Grade M30													
	Case I		using batching plant & Concrete pump	Cum	11881.50	11718.80	11668.20	11663.00	11562.60	11531.20	11185.90	11023.30	10972.70	10967.50	10867.10	10835.60
	Case II		using batching plant & manual placing	Cum	12487.20	12324.10	12272.80	12125.60	12025.30	11994.40	11791.60	11628.50	11577.30	11430.00	11329.70	11298.80
	G		RCC Grade M30													
	Case I		using batching plant & Concrete pump	Cum	11919.50	11756.80	11706.20	11691.60	11591.20	11559.80	11223.90	11061.30	11010.70	10996.00	10895.60	10864.20
	Case II		using batching plant & manual placing	Cum	12893.60	12730.50	12679.20	12513.00	12412.70	12381.80	12192.80	12029.70	11978.50	11812.30	11712.00	11681.10
	H		RCC Grade M35													
	Case I		using batching plant & Concrete pump	Cum	12464.10	12301.50	12250.90	12236.20	12135.90	12104.40	11751.70	11589.10	11538.50	11523.80	11423.40	11392.00
	Case II		using batching plant & manual placing	Cum	13107.90	12944.80	12893.50	12727.30	12627.00	12596.10	12395.40	12232.30	12181.10	12014.90	11914.60	11883.70

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 15.05			Sub Analysis													
B 15.06			Stone Masonry Work in Cement Mortar 1:3 in Foundation complete as per Drawing and Technical Specifications.													
	(A)		Square Rubble Coursed Rubble Masonry (first sort)	Cum	11490.70	11490.70	11490.70	10425.00	10425.00	10425.00	12436.00	12436.00	12436.00	11370.30	11370.30	11370.30
	(B)		Random Rubble Masonry	Cum	8278.30	8278.30	8278.30	8822.80	8822.80	8822.80	9479.70	9479.70	9479.70	10024.20	10024.20	10024.20
B 15.07			Brick masonry work in 1:3 in sub-structure complete excluding pointing and plastering, as per drawing and Technical Specifications	Cum	13130.80	13038.30	13013.50	12585.20	12492.70	12467.90	16529.60	16437.10	16412.30	15984.00	15891.50	15866.70
B 15.08			Pointing with cement mortar (1:3) on brick work in substructure as per Technical Specifications	Sqm	160.60	160.60	160.60	129.20	129.20	129.20	170.00	170.00	170.00	138.70	138.70	138.70
B 15.09			Plastering with cement mortar (1:3) on brick work in sub-structure as per Technical Specifications	Sqm	309.40	305.90	305.60	275.40	271.90	271.70	354.80	351.30	351.10	320.90	317.40	317.10
B 15.10			Stone masonry work in cement mortar 1:3 for substructure complete as per drawing and Technical Specifications													
	A		Random Rubble Masonry	Cum	9738.70	9571.20	9522.20	8926.80	8759.30	8710.30	10989.20	10821.80	10772.80	10177.30	10009.90	9960.90
	B		Coursed rubble masonry (first sort)	Cum	10280.90	10113.40	10064.40	9292.00	9124.60	9075.60	11457.30	11289.90	11240.90	10468.50	10301.00	10252.00
	C		Ashlar masonry (first sort)	Cum	14551.20	14383.80	14334.80	12943.00	12775.50	12726.50	15597.60	15430.20	15381.20	13989.40	13821.90	13772.90
B 15.11			Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications.													
	A		PCC Grade M15													
	Case I		using batching plant & Concrete pump	Cum	10229.10	10128.70	10097.20	10173.10	10072.80	10041.30	12241.20	12140.80	12109.40	12185.30	12084.90	12053.40
	Case II		using batching plant & manual placing	Cum	10598.20	10497.80	10467.00	10385.80	10285.50	10254.60	12610.30	12510.00	12479.10	12397.90	12297.60	12266.70
	B		PCC Grade M20													
	Case I		using batching plant & Concrete pump	Cum	11123.30	10960.60	10910.00	10904.80	10804.40	10773.00	13137.80	12975.10	12924.50	12919.30	12818.90	12787.50
	Case II		using batching plant & manual placing	Cum	11729.00	11565.90	11514.60	11367.40	11267.10	11236.20	13743.50	13580.40	13529.10	13381.90	13281.50	13250.60
	C		RCC Grade M20													
	Case I		using batching plant & Concrete pump	Cum	11448.50	11285.80	11235.20	11220.60	11120.20	11088.70	13171.90	13009.20	12958.60	12944.00	12843.60	12812.10
	Case II		using batching plant & manual placing	Cum	12092.20	11929.10	11877.80	11711.70	11611.30	11580.40	13815.60	13652.50	13601.20	13435.10	13334.70	13303.80
	D		PCC Grade M25													
	Case I		using batching plant & Concrete pump	Cum	11814.20	11651.50	11600.90	11595.70	11495.30	11463.90	13950.60	13787.90	13737.30	13732.10	13631.70	13600.30
	Case II		using batching plant & manual placing	Cum	12419.90	12256.80	12205.50	12058.30	11957.90	11927.00	14556.30	14393.20	14341.90	14194.70	14094.40	14063.50
	E		RCC Grade M25													
	Case I		using batching plant & Concrete pump	Cum	12185.40	12022.70	11972.10	11957.50	11857.10	11825.60	14034.30	13871.70	13821.10	13806.40	13706.00	13674.60
	Case II		using batching plant & manual placing	Cum	12829.10	12666.00	12614.70	12448.60	12348.30	12317.40	14678.00	14514.90	14463.70	14297.50	14197.20	14166.30
	F		PCC Grade M30													
	Case I		using batching plant & Concrete pump	Cum	11881.50	11718.80	11668.20	11663.00	11562.60	11531.20	14029.80	13867.10	13816.60	13811.30	13710.90	13679.50
	Case II		using batching plant & manual placing	Cum	12487.20	12324.10	12272.80	12125.60	12025.30	11994.40	14635.50	14472.40	14421.10	14273.90	14173.60	14142.70
	G		RCC Grade M30													
	Case I		using batching plant & Concrete pump	Cum	11919.50	11756.80	11706.20	11691.60	11591.20	11559.80	14067.80	13905.10	13854.50	13839.90	13739.50	13708.10
	Case II		using batching plant & manual placing	Cum	12893.60	12730.50	12679.20	12513.00	12412.70	12381.80	14751.50	14588.40	14537.20	14371.00	14270.70	14239.80
	H		RCC Grade M35													
	Case I		using batching plant & Concrete pump	Cum	12464.10	12301.50	12250.90	12236.20	12135.90	12104.40	14357.30	14194.70	14144.10	14129.40	14029.00	13997.60
	Case II		using batching plant & manual placing	Cum	13107.90	12944.80	12893.50	12727.30	12627.00	12596.10	15001.00	14837.90	14786.70	14620.50	14520.20	14489.30

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 15.05			Sub Analysis													
B 15.06			Stone Masonry Work in Cement Mortar 1:3 in Foundation complete as per Drawing and Technical Specifications.													
	(A)		Square Rubble Coursed Rubble Masonry (first sort)	Cum	13260.60	13260.60	13260.60	12194.90	12194.90	12194.90	13070.30	13070.30	13070.30	12004.60	12004.60	12004.60
	(B)		Random Rubble Masonry	Cum	10331.80	10331.80	10331.80	10876.20	10876.20	10876.20	10135.20	10135.20	10135.20	10679.60	10679.60	10679.60
B 15.07			Brick masonry work in 1:3 in sub-structure complete excluding pointing and plastering, as per drawing and Technical Specifications	Cum	19628.80	19536.30	19511.50	19083.10	18990.60	18965.90	18913.60	18821.10	18796.30	18368.00	18275.50	18250.70
B 15.08			Pointing with cement mortar (1:3) on brick work in substructure as per Technical Specifications	Sqm	178.30	178.30	178.30	146.90	146.90	146.90	176.40	176.40	176.40	145.00	145.00	145.00
B 15.09			Plastering with cement mortar (1:3) on brick work in sub-structure as per Technical Specifications	Sqm	394.60	391.10	390.90	360.60	357.10	356.90	385.40	381.90	381.70	351.50	348.00	347.70
B 15.10			Stone masonry work in cement mortar 1:3 for substructure complete as per drawing and Technical Specifications													
	A		Random Rubble Masonry	Cum	11908.50	11741.10	11692.00	11096.60	10929.10	10880.10	11696.40	11528.90	11479.90	10884.50	10717.00	10668.00
	B		Coursed rubble masonry (first sort)	Cum	12294.20	12126.70	12077.70	11305.30	11137.90	11088.80	12101.00	11933.60	11884.60	11112.20	10944.70	10895.70
	C		Ashlar masonry (first sort)	Cum	16516.90	16349.40	16300.40	14908.60	14741.20	14692.20	16304.80	16137.30	16088.30	14696.50	14529.00	14480.00
B 15.11			Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications.													
	A		PCC Grade M15													
	Case I		using batching plant & Concrete pump	Cum	13597.20	13496.80	13465.30	13541.20	13440.80	13409.40	13284.20	13183.90	13152.40	13228.30	13127.90	13096.50
	Case II		using batching plant & manual placing	Cum	13966.30	13865.90	13835.00	13753.90	13653.60	13622.70	13653.40	13553.00	13522.10	13441.00	13340.70	13309.80
	B		PCC Grade M20													
	Case I		using batching plant & Concrete pump	Cum	14612.30	14449.70	14399.10	14393.90	14293.50	14262.00	14272.00	14109.40	14058.80	14053.60	13953.20	13921.70
	Case II		using batching plant & manual placing	Cum	15218.00	15054.90	15003.70	14856.40	14756.10	14725.20	14877.80	14714.70	14663.40	14516.10	14415.80	14384.90
	C		RCC Grade M20													
	Case I		using batching plant & Concrete pump	Cum	14651.90	14489.20	14438.60	14424.00	14323.60	14292.10	14310.30	14147.70	14097.10	14082.40	13982.00	13950.60
	Case II		using batching plant & manual placing	Cum	15295.60	15132.50	15081.20	14915.10	14814.70	14783.80	14954.00	14790.90	14739.70	14573.50	14473.20	14442.30
	D		PCC Grade M25													
	Case I		using batching plant & Concrete pump	Cum	15520.70	15358.00	15307.40	15302.20	15201.80	15170.40	15158.30	14995.70	14945.10	14939.90	14839.50	14808.10
	Case II		using batching plant & manual placing	Cum	16126.40	15963.30	15912.00	15764.80	15664.40	15633.50	15764.10	15601.00	15549.70	15402.40	15302.10	15271.20
	E		RCC Grade M25													
	Case I		using batching plant & Concrete pump	Cum	15615.50	15452.90	15402.30	15387.60	15287.20	15255.80	15250.60	15088.00	15037.40	15022.70	14922.30	14890.90
	Case II		using batching plant & manual placing	Cum	16259.20	16096.10	16044.90	15878.70	15778.40	15747.50	15894.30	15731.20	15680.00	15513.80	15413.50	15382.60
	F		PCC Grade M30													
	Case I		using batching plant & Concrete pump	Cum	15609.20	15446.50	15395.90	15390.70	15290.30	15258.90	15244.70	15082.10	15031.50	15026.30	14925.90	14894.40
	Case II		using batching plant & manual placing	Cum	16214.90	16051.80	16000.50	15853.30	15753.00	15722.10	15850.40	15687.30	15636.10	15488.80	15388.50	15357.60
	G		RCC Grade M30													
	Case I		using batching plant & Concrete pump	Cum	15647.20	15484.50	15433.90	15419.30	15318.90	15287.50	15282.70	15120.10	15069.50	15054.80	14954.40	14923.00
	Case II		using batching plant & manual placing	Cum	16341.30	16178.20	16126.90	15960.80	15860.50	15829.60	15974.40	15811.30	15760.10	15593.90	15493.60	15462.70
	H		RCC Grade M35													
	Case I		using batching plant & Concrete pump	Cum	15976.30	15813.70	15763.10	15748.40	15648.00	15616.60	15602.70	15440.10	15389.50	15374.80	15274.40	15243.00
	Case II		using batching plant & manual placing	Cum	16620.00	16456.90	16405.70	16239.50	16139.20	16108.30	16246.40	16083.30	16032.10	15865.90	15765.60	15734.70

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 15.05			Sub Analysis													
B 15.06			Stone Masonry Work in Cement Mortar 1:3 in Foundation complete as per Drawing and Technical Specifications.													
	(A)		Square Rubble Coursed Rubble Masonry (first sort)	Cum	11738.70	11738.70	11738.70	10673.00	10673.00	10673.00	13577.40	13577.40	13577.40	12511.70	12511.70	12511.70
	(B)		Random Rubble Masonry	Cum	8759.20	8759.20	8759.20	9303.60	9303.60	9303.60	10659.20	10659.20	10659.20	11203.70	11203.70	11203.70
B 15.07			Brick masonry work in 1:3 in sub-structure complete excluding pointing and plastering, as per drawing and Technical Specifications	Cum	13910.40	13817.90	13793.10	13364.80	13272.30	13247.50	20818.70	20726.20	20701.40	20273.00	20180.50	20155.80
B 15.08			Pointing with cement mortar (1:3) on brick work in substructure as per Technical Specifications	Sqm	163.00	163.00	163.00	131.70	131.70	131.70	181.40	181.40	181.40	150.10	150.10	150.10
B 15.09			Plastering with cement mortar (1:3) on brick work in sub-structure as per Technical Specifications	Sqm	321.30	317.80	317.60	287.40	283.80	283.60	409.80	406.30	406.10	375.90	372.40	372.10
B 15.10			Stone masonry work in cement mortar 1:3 for substructure complete as per drawing and Technical Specifications													
	A		Random Rubble Masonry	Cum	10217.50	10050.10	10001.10	9405.60	9238.20	9189.20	12258.00	12090.50	12041.50	11446.10	11278.60	11229.60
	B		Coursed rubble masonry (first sort)	Cum	10755.40	10587.90	10538.90	9766.50	9599.10	9550.00	12612.00	12444.50	12395.50	11623.10	11455.60	11406.60
	C		Ashlar masonry (first sort)	Cum	14825.90	14658.50	14609.50	13217.60	13050.20	13001.20	16866.40	16698.90	16649.90	15258.10	15090.70	15041.60
B 15.11			Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications.													
	A		PCC Grade M15													
	Case I		using batching plant & Concrete pump	Cum	11097.90	10997.50	10966.10	11042.00	10941.60	10910.20	14116.00	14015.60	13984.10	14060.00	13959.60	13928.20
	Case II		using batching plant & manual placing	Cum	11467.00	11366.70	11335.80	11254.70	11154.30	11123.40	14485.10	14384.70	14353.90	14272.70	14172.40	14141.50
	B		PCC Grade M20													
	Case I		using batching plant & Concrete pump	Cum	11894.30	11731.70	11681.10	11675.90	11575.50	11544.00	15176.60	15014.00	14963.40	14958.20	14857.80	14826.30
	Case II		using batching plant & manual placing	Cum	12500.00	12336.90	12285.70	12138.40	12038.10	12007.20	15782.30	15619.20	15568.00	15420.70	15320.40	15289.50
	C		RCC Grade M20													
	Case I		using batching plant & Concrete pump	Cum	11923.80	11761.20	11710.60	11695.90	11595.50	11564.10	15218.20	15055.60	15005.00	14990.30	14890.00	14858.50
	Case II		using batching plant & manual placing	Cum	12567.50	12404.40	12353.20	12187.00	12086.70	12055.80	15862.00	15698.90	15647.60	15481.50	15381.10	15350.20
	D		PCC Grade M25													
	Case I		using batching plant & Concrete pump	Cum	12626.40	12463.80	12413.20	12408.00	12307.60	12276.20	16121.60	15959.00	15908.40	15903.20	15802.80	15771.30
	Case II		using batching plant & manual placing	Cum	13232.20	13069.10	13017.80	12870.50	12770.20	12739.30	16727.30	16564.20	16513.00	16365.70	16265.40	16234.50
	E		RCC Grade M25													
	Case I		using batching plant & Concrete pump	Cum	12703.10	12540.40	12489.80	12475.20	12374.80	12343.30	16219.20	16056.60	16006.00	15991.30	15890.90	15859.50
	Case II		using batching plant & manual placing	Cum	13346.80	13183.70	13132.40	12966.30	12865.90	12835.00	16862.90	16699.80	16648.60	16482.40	16382.10	16351.20
	F		PCC Grade M30													
	Case I		using batching plant & Concrete pump	Cum	12697.80	12535.10	12484.60	12479.30	12378.90	12347.50	16213.70	16051.10	16000.50	15995.30	15894.90	15863.40
	Case II		using batching plant & manual placing	Cum	13303.50	13140.40	13089.10	12941.90	12841.60	12810.70	16819.40	16656.30	16605.10	16457.80	16357.50	16326.60
	G		RCC Grade M30													
	Case I		using batching plant & Concrete pump	Cum	12735.80	12573.10	12522.50	12507.90	12407.50	12376.10	16251.70	16089.10	16038.50	16023.80	15923.40	15892.00
	Case II		using batching plant & manual placing	Cum	13414.20	13251.10	13199.90	13033.70	12933.40	12902.50	16947.50	16784.40	16733.10	16567.00	16466.70	16435.80
	H		RCC Grade M35													
	Case I		using batching plant & Concrete pump	Cum	12996.60	12834.00	12783.40	12768.70	12668.30	12636.90	16592.80	16430.20	16379.60	16364.90	16264.60	16233.10
	Case II		using batching plant & manual placing	Cum	13640.30	13477.30	13426.00	13259.80	13159.50	13128.60	17236.60	17073.50	17022.20	16856.00	16755.70	16724.80

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 15.05			Sub Analysis													
B 15.06			Stone Masonry Work in Cement Mortar 1:3 in Foundation complete as per Drawing and Technical Specifications.													
	(A)		Square Rubble Coursed Rubble Masonry (first sort)	Cum	12118.90	12118.90	12118.90	11053.20	11053.20	11053.20	12436.40	12436.40	12436.40	11370.70	11370.70	11370.70
	(B)		Random Rubble Masonry	Cum	9152.10	9152.10	9152.10	9696.50	9696.50	9696.50	9480.10	9480.10	9480.10	10024.60	10024.60	10024.60
B 15.07			Brick masonry work in 1:3 in sub-structure complete excluding pointing and plastering, as per drawing and Technical Specifications	Cum	15338.20	15245.70	15220.90	14792.50	14700.00	14675.20	16532.30	16439.80	16415.00	15986.60	15894.10	15869.30
B 15.08			Pointing with cement mortar (1:3) on brick work in substructure as per Technical Specifications	Sqm	166.80	166.80	166.80	135.50	135.50	135.50	170.00	170.00	170.00	138.70	138.70	138.70
B 15.09			Plastering with cement mortar (1:3) on brick work in sub-structure as per Technical Specifications	Sqm	339.60	336.10	335.80	305.60	302.10	301.90	354.90	351.40	351.20	321.00	317.50	317.20
B 15.10			Stone masonry work in cement mortar 1:3 for substructure complete as per drawing and Technical Specifications													
	A		Random Rubble Masonry	Cum	10636.70	10469.20	10420.20	9824.80	9657.30	9608.30	10994.30	10826.90	10777.90	10182.40	10015.00	9966.00
	B		Coursed rubble masonry (first sort)	Cum	11136.50	10969.10	10920.10	10147.70	9980.20	9931.20	11462.40	11295.00	11246.00	10473.60	10306.10	10257.10
	C		Ashlar masonry (first sort)	Cum	15245.10	15077.60	15028.60	13636.80	13469.40	13420.40	15602.70	15435.30	15386.30	13994.50	13827.00	13778.00
B 15.11			Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications.													
	A		PCC Grade M15													
	Case I		using batching plant & Concrete pump	Cum	11720.40	11620.00	11588.50	11664.40	11564.00	11532.60	12244.60	12144.20	12112.80	12188.70	12088.30	12056.80
	Case II		using batching plant & manual placing	Cum	12089.40	11989.10	11958.20	11877.10	11776.80	11745.90	12613.70	12513.40	12482.50	12401.30	12301.00	12270.10
	B		PCC Grade M20													
	Case I		using batching plant & Concrete pump	Cum	12571.30	12408.70	12358.10	12352.90	12252.50	12221.00	13141.30	12978.70	12928.10	12922.90	12822.50	12791.00
	Case II		using batching plant & manual placing	Cum	13177.00	13014.00	12962.70	12815.40	12715.10	12684.20	13747.00	13583.90	13532.70	13385.40	13285.10	13254.20
	C		RCC Grade M20													
	Case I		using batching plant & Concrete pump	Cum	12603.30	12440.70	12390.10	12375.40	12275.00	12243.60	13175.40	13012.80	12962.20	12947.50	12847.10	12815.70
	Case II		using batching plant & manual placing	Cum	13247.00	13084.00	13032.70	12866.50	12766.20	12735.30	13819.10	13656.00	13604.80	13438.60	13338.30	13307.40
	D		PCC Grade M25													
	Case I		using batching plant & Concrete pump	Cum	13347.40	13184.80	13134.20	13129.00	13028.60	12997.10	13954.20	13791.60	13741.00	13735.80	13635.40	13604.00
	Case II		using batching plant & manual placing	Cum	13953.20	13790.10	13738.80	13591.50	13491.20	13460.30	14560.00	14396.90	14345.60	14198.30	14098.00	14067.10
	E		RCC Grade M25													
	Case I		using batching plant & Concrete pump	Cum	13427.30	13264.60	13214.00	13199.40	13099.00	13067.50	14039.90	13877.20	13826.60	13812.00	13711.60	13680.20
	Case II		using batching plant & manual placing	Cum	14071.00	13907.90	13856.60	13690.50	13590.10	13559.20	14683.60	14520.50	14469.20	14303.10	14202.80	14171.90
	F		PCC Grade M30													
	Case I		using batching plant & Concrete pump	Cum	13423.10	13260.40	13209.80	13204.60	13104.20	13072.80	14033.50	13870.80	13820.20	13815.00	13714.60	13683.20
	Case II		using batching plant & manual placing	Cum	14028.80	13865.70	13814.40	13667.20	13566.80	13535.90	14639.20	14476.10	14424.80	14277.60	14177.20	14146.30
	G		RCC Grade M30													
	Case I		using batching plant & Concrete pump	Cum	13461.10	13298.40	13247.80	13233.20	13132.80	13101.30	14071.50	13908.80	13858.20	13843.60	13743.20	13711.70
	Case II		using batching plant & manual placing	Cum	14141.40	13978.30	13927.00	13760.90	13660.60	13629.70	14758.10	14595.00	14543.70	14377.60	14277.30	14246.40
	H		RCC Grade M35													
	Case I		using batching plant & Concrete pump	Cum	13736.20	13573.50	13522.90	13508.30	13407.90	13376.40	14365.00	14202.40	14151.80	14137.10	14036.70	14005.30
	Case II		using batching plant & manual placing	Cum	14379.90	14216.80	14165.50	13999.40	13899.00	13868.10	15008.70	14845.60	14794.40	14628.20	14527.90	14497.00

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 15.05			Sub Analysis													
B 15.06			Stone Masonry Work in Cement Mortar 1:3 in Foundation complete as per Drawing and Technical Specifications.													
	(A)		Square Rubble Coursed Rubble Masonry (first sort)	Cum	15288.80	15288.80	15288.80	14223.10	14223.10	14223.10	14338.00	14338.00	14338.00	13272.30	13272.30	13272.30
	(B)		Random Rubble Masonry	Cum	12427.60	12427.60	12427.60	12972.00	12972.00	12972.00	11445.10	11445.10	11445.10	11989.60	11989.60	11989.60
B 15.07			Brick masonry work in 1:3 in sub-structure complete excluding pointing and plastering, as per drawing and Technical Specifications	Cum	27246.40	27153.90	27129.20	26700.80	26608.30	26583.50	23675.20	23582.70	23557.90	23129.60	23037.10	23012.30
B 15.08			Pointing with cement mortar (1:3) on brick work in substructure as per Technical Specifications	Sqm	198.50	198.50	198.50	167.20	167.20	167.20	189.00	189.00	189.00	157.70	157.70	157.70
B 15.09			Plastering with cement mortar (1:3) on brick work in sub-structure as per Technical Specifications	Sqm	492.10	488.60	488.40	458.10	454.60	454.40	446.40	442.90	442.60	412.40	408.90	408.70
B 15.10			Stone masonry work in cement mortar 1:3 for substructure complete as per drawing and Technical Specifications													
	A		Random Rubble Masonry	Cum	14149.90	13982.40	13933.40	13338.00	13170.50	13121.50	13098.40	12930.90	12881.90	12286.50	12119.00	12070.00
	B		Coursed rubble masonry (first sort)	Cum	14332.70	14165.20	14116.20	13343.80	13176.40	13127.40	13376.30	13208.80	13159.80	12387.40	12220.00	12171.00
	C		Ashlar masonry (first sort)	Cum	18758.20	18590.80	18541.80	17150.00	16982.50	16933.50	17706.70	17539.30	17490.30	16098.50	15931.00	15882.00
B 15.11			Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications.													
	A		PCC Grade M15													
	Case I		using batching plant & Concrete pump	Cum	16920.70	16820.30	16788.80	16864.70	16764.30	16732.90	15362.20	15261.80	15230.40	15306.30	15205.90	15174.40
	Case II		using batching plant & manual placing	Cum	17289.80	17189.40	17158.50	17077.40	16977.10	16946.20	15731.30	15631.00	15600.10	15518.90	15418.60	15387.70
	B		PCC Grade M20													
	Case I		using batching plant & Concrete pump	Cum	18227.10	18064.50	18013.90	18008.60	17908.30	17876.80	16532.10	16369.40	16318.80	16313.60	16213.20	16181.80
	Case II		using batching plant & manual placing	Cum	18832.80	18669.70	18618.50	18471.20	18370.90	18340.00	17137.80	16974.70	16923.40	16776.20	16675.80	16644.90
	C		RCC Grade M20													
	Case I		using batching plant & Concrete pump	Cum	18280.00	18117.40	18066.80	18052.10	17951.70	17920.30	16578.70	16416.10	16365.50	16350.80	16250.40	16219.00
	Case II		using batching plant & manual placing	Cum	18923.70	18760.60	18709.40	18543.20	18442.90	18412.00	17222.40	17059.30	17008.10	16841.90	16741.60	16710.70
	D		PCC Grade M25													
	Case I		using batching plant & Concrete pump	Cum	19370.10	19207.50	19156.90	19151.60	19051.30	19019.80	17565.10	17402.40	17351.80	17346.60	17246.20	17214.80
	Case II		using batching plant & manual placing	Cum	19975.80	19812.70	19761.50	19614.20	19513.90	19483.00	18170.80	18007.70	17956.40	17809.20	17708.80	17677.90
	E		RCC Grade M25													
	Case I		using batching plant & Concrete pump	Cum	19484.30	19321.60	19271.00	19256.40	19156.00	19124.50	17669.90	17507.20	17456.60	17442.00	17341.60	17310.10
	Case II		using batching plant & manual placing	Cum	20128.00	19964.90	19913.60	19747.50	19647.20	19616.30	18313.60	18150.50	18099.20	17933.10	17832.70	17801.80
	F		PCC Grade M30													
	Case I		using batching plant & Concrete pump	Cum	19481.50	19318.80	19268.20	19263.00	19162.60	19131.20	17665.70	17503.10	17452.50	17447.30	17346.90	17315.40
	Case II		using batching plant & manual placing	Cum	20087.20	19924.10	19872.80	19725.60	19625.30	19594.40	18271.50	18108.40	18057.10	17909.80	17809.50	17778.60
	G		RCC Grade M30													
	Case I		using batching plant & Concrete pump	Cum	19519.50	19356.80	19306.20	19291.60	19191.20	19159.80	17703.70	17541.10	17490.50	17475.80	17375.40	17344.00
	Case II		using batching plant & manual placing	Cum	20227.00	20063.90	20012.60	19846.50	19746.20	19715.30	18404.50	18241.40	18190.10	18024.00	17923.60	17892.70
	H		RCC Grade M35													
	Case I		using batching plant & Concrete pump	Cum	19929.20	19766.50	19715.90	19701.30	19600.90	19569.40	18075.00	17912.30	17861.70	17847.10	17746.70	17715.20
	Case II		using batching plant & manual placing	Cum	20572.90	20409.80	20358.50	20192.40	20092.10	20061.20	18718.70	18555.60	18504.30	18338.20	18237.90	18207.00

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	I		RCC Grade M40													
	Case I		using batching plant & Concrete pump	Cum	12652.40	12489.70	12439.10	11295.00	11203.70	11175.10	11928.80	11766.20	11715.60	10637.20	10546.00	10517.40
	Case II		using batching plant & manual placing	Cum	13647.00	13336.20	13239.30	12915.60	12815.20	12784.30	12923.40	12612.70	12515.80	12192.00	12091.70	12060.80
B 15.12			Plain/Reinforced Cement Concrete for wall & slab etc. complete as per Drawing and Technical Specifications.													
	A		RCC Grade M20 using batching plant transit mixer & Concrete pump	Cum	11448.50	11285.80	11235.20	11220.60	11120.20	11088.70	10791.20	10628.50	10577.90	10563.30	10462.90	10431.40
	B		RCC Grade M25 using batching plant transit mixer & Concrete pump	Cum	12185.40	12022.70	11972.10	11957.50	11857.10	11825.60	11488.30	11325.70	11275.10	11260.40	11160.10	11128.60
	C		RCC Grade M30 using batching plant transit mixer & Concrete pump	Cum	12249.80	12087.20	12036.60	12021.90	11921.60	11890.10	11549.10	11386.50	11335.90	11321.20	11220.80	11189.40
	D		RCC Grade M35 using batching plant transit mixer & Concrete pump	Cum	12464.10	12301.50	12250.90	12236.20	12135.90	12104.40	11751.70	11589.10	11538.50	11523.80	11423.40	11392.00
	E		RCC Grade M40 using batching plant transit mixer & Concrete pump	Cum	12652.40	12489.70	12439.10	12424.50	12324.10	12292.60	11928.80	11766.20	11715.60	11700.90	11600.60	11569.10
B 15.13			Supplying, Fitting and Placing un-coated HYSD bar reinforcement in Foundation complete as per drawing and technical specifications.	MT	85186.00	85125.50	85068.40	85045.50	84984.60	84927.60	84303.90	84243.40	84186.30	84163.40	84102.50	84045.50
B 15.14			Providing weep holes in Brick masonry/Plain/ Reinforced concrete abutment, wing wall/ return wall with 100 mm dia AC pipe, extending through the full width of the structure with slope of 1V :20H towards drawing face. Complete as per drawing and Technical Specifications	Nos	2291.10	2291.10	2291.10	2282.70	2282.70	2282.70	2142.60	2142.60	2142.60	2134.20	2134.20	2134.20
B 15.15			PCC M15 Grade leveling course below approach slab complete as per drawing and Technical specification													
	Case I		PCC Grade M15 using batching plant & Concrete pump	Cum	9299.20	9207.90	9179.30	9248.30	9157.10	9128.50	8745.00	8653.80	8625.20	8694.20	8602.90	8574.40
	Case II		PCC Grade M15 using batching plant & manual placing	Cum	9634.70	9543.50	9515.40	9441.70	9350.50	9322.40	9080.60	8989.40	8961.30	8887.50	8796.30	8768.30
B 15.16			Reinforced cement concrete approach slab including reinforcement and formwork complete as per drawing and Technical specification	Cum	96322.20	96113.80	96010.80	95974.50	95822.40	95736.70	94803.10	94594.70	94491.70	94455.40	94303.30	94217.60
B 15.17			Drainage Spouts complete as per drawing and Technical specification	Nos	553685.40	553685.40	553685.40	553618.00	553618.00	553618.00	517480.70	517480.70	517480.70	517413.30	517413.30	517413.30
B 15.18			Providing and laying Cement concrete wearing coat M-30 grade including reinforcement complete as per drawing and Technical Specifications	Cum	96472.00	96263.60	96160.50	96086.80	95934.70	95849.10	94952.90	94744.50	94641.40	94567.70	94415.60	94329.90

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	I		RCC Grade M40													
	Case I		using batching plant & Concrete pump	Cum	12652.40	12489.70	12439.10	11295.00	11203.70	11175.10	14568.90	14406.20	14355.60	13037.30	12946.00	12917.40
	Case II		using batching plant & manual placing	Cum	13647.00	13336.20	13239.30	12915.60	12815.20	12784.30	15563.50	15252.70	15155.80	14832.10	14731.80	14700.90
B 15.12			Plain/Reinforced Cement Concrete for wall & slab etc. complete as per Drawing and Technical Specifications.													
	A		RCC Grade M20 using batching plant transit mixer & Concrete pump	Cum	11448.50	11285.80	11235.20	11220.60	11120.20	11088.70	13171.90	13009.20	12958.60	12944.00	12843.60	12812.10
	B		RCC Grade M25 using batching plant transit mixer & Concrete pump	Cum	12185.40	12022.70	11972.10	11957.50	11857.10	11825.60	14034.30	13871.70	13821.10	13806.40	13706.00	13674.60
	C		RCC Grade M30 using batching plant transit mixer & Concrete pump	Cum	12249.80	12087.20	12036.60	12021.90	11921.60	11890.10	14107.80	13945.20	13894.60	13879.90	13779.50	13748.10
	D		RCC Grade M35 using batching plant transit mixer & Concrete pump	Cum	12464.10	12301.50	12250.90	12236.20	12135.90	12104.40	14357.30	14194.70	14144.10	14129.40	14029.00	13997.60
	E		RCC Grade M40 using batching plant transit mixer & Concrete pump	Cum	12652.40	12489.70	12439.10	12424.50	12324.10	12292.60	14568.90	14406.20	14355.60	14341.00	14240.60	14209.20
B 15.13			Supplying, Fitting and Placing un-coated HYSD bar reinforcement in Foundation complete as per drawing and technical specifications.	MT	85186.00	85125.50	85068.40	85045.50	84984.60	84927.60	87262.00	87201.40	87144.40	87121.50	87060.60	87003.50
B 15.14			Providing weep holes in Brick masonry/Plain/ Reinforced concrete abutment, wing wall/ return wall with 100 mm dia AC pipe, extending through the full width of the structure with slope of 1V :20H towards drawing face. Complete as per drawing and Technical Specifications	Nos	2291.10	2291.10	2291.10	2282.70	2282.70	2282.70	2442.80	2442.80	2442.80	2434.30	2434.30	2434.30
B 15.15			PCC M15 Grade leveling course below approach slab complete as per drawing and Technical specification													
	Case I		PCC Grade M15 using batching plant & Concrete pump	Cum	9299.20	9207.90	9179.30	9248.30	9157.10	9128.50	11128.40	11037.10	11008.50	11077.50	10986.20	10957.70
	Case II		PCC Grade M15 using batching plant & manual placing	Cum	9634.70	9543.50	9515.40	9441.70	9350.50	9322.40	11463.90	11372.70	11344.60	11270.90	11179.60	11151.60
B 15.16			Reinforced cement concrete approach slab including reinforcement and formwork complete as per drawing and Technical specification	Cum	96322.20	96113.80	96010.80	95974.50	95822.40	95736.70	100087.30	99878.90	99775.80	99739.60	99587.40	99501.80
B 15.17			Drainage Spouts complete as per drawing and Technical specification	Nos	553685.40	553685.40	553685.40	553618.00	553618.00	553618.00	589890.10	589890.10	589890.10	589822.70	589822.70	589822.70
B 15.18			Providing and laying Cement concrete wearing coat M-30 grade including reinforcement complete as per drawing and Technical Specifications	Cum	96472.00	96263.60	96160.50	96086.80	95934.70	95849.10	100237.00	100028.60	99925.60	99851.90	99699.70	99614.10

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	I		RCC Grade M40													
	Case I		using batching plant & Concrete pump	Cum	16212.40	16049.80	15999.20	14531.40	14440.10	14411.50	15833.20	15670.50	15619.90	14186.60	14095.30	14066.70
	Case II		using batching plant & manual placing	Cum	17207.00	16896.30	16799.40	16475.60	16375.30	16344.40	16827.70	16517.00	16420.10	16096.40	15996.00	15965.10
B 15.12			Plain/Reinforced Cement Concrete for wall & slab etc. complete as per Drawing and Technical Specifications.													
	A		RCC Grade M20 using batching plant transit mixer & Concrete pump	Cum	14651.90	14489.20	14438.60	14424.00	14323.60	14292.10	14310.30	14147.70	14097.10	14082.40	13982.00	13950.60
	B		RCC Grade M25 using batching plant transit mixer & Concrete pump	Cum	15615.50	15452.90	15402.30	15387.60	15287.20	15255.80	15250.60	15088.00	15037.40	15022.70	14922.30	14890.90
	C		RCC Grade M30 using batching plant transit mixer & Concrete pump	Cum	15697.60	15534.90	15484.30	15469.70	15369.30	15337.90	15330.70	15168.10	15117.50	15102.80	15002.40	14971.00
	D		RCC Grade M35 using batching plant transit mixer & Concrete pump	Cum	15976.30	15813.70	15763.10	15748.40	15648.00	15616.60	15602.70	15440.10	15389.50	15374.80	15274.40	15243.00
	E		RCC Grade M40 using batching plant transit mixer & Concrete pump	Cum	16212.40	16049.80	15999.20	15984.50	15884.10	15852.70	15833.20	15670.50	15619.90	15605.20	15504.90	15473.40
B 15.13			Supplying, Fitting and Placing un-coated HYSD bar reinforcement in Foundation complete as per drawing and technical specifications.	MT	89035.50	88975.00	88918.00	88895.00	88834.10	88777.10	88626.30	88565.70	88508.70	88485.80	88424.90	88367.80
B 15.14			Providing weep holes in Brick masonry/Plain/ Reinforced concrete abutment, wing wall/ return wall with 100 mm dia AC pipe, extending through the full width of the structure with slope of 1V :20H towards drawing face. Complete as per drawing and Technical Specifications	Nos	2719.30	2719.30	2719.30	2710.80	2710.80	2710.80	2655.50	2655.50	2655.50	2647.00	2647.00	2647.00
B 15.15			PCC M15 Grade leveling course below approach slab complete as per drawing and Technical specification													
	Case I		PCC Grade M15 using batching plant & Concrete pump	Cum	12361.10	12269.80	12241.20	12310.20	12218.90	12190.40	12076.60	11985.30	11956.70	12025.70	11934.50	11905.90
	Case II		PCC Grade M15 using batching plant & manual placing	Cum	12696.60	12605.40	12577.30	12503.60	12412.30	12384.30	12412.10	12320.90	12292.80	12219.10	12127.90	12099.80
B 15.16			Reinforced cement concrete approach slab including reinforcement and formwork complete as per drawing and Technical specification	Cum	103306.10	103097.70	102994.60	102958.40	102806.20	102720.60	102563.30	102354.90	102251.90	102215.60	102063.50	101977.80
B 15.17			Drainage Spouts complete as per drawing and Technical specification	Nos	657127.30	657127.30	657127.30	657059.90	657059.90	657059.90	641611.00	641611.00	641611.00	641543.60	641543.60	641543.60
B 15.18			Providing and laying Cement concrete wearing coat M-30 grade including reinforcement complete as per drawing and Technical Specifications	Cum	103455.80	103247.40	103144.40	103070.70	102918.60	102832.90	102713.00	102504.70	102401.60	102327.90	102175.80	102090.10

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	I		RCC Grade M40													
	Case I		using batching plant & Concrete pump	Cum	13192.50	13029.80	12979.20	11786.00	11694.70	11666.10	16835.10	16672.40	16621.80	15097.40	15006.20	14977.60
	Case II		using batching plant & manual placing	Cum	14187.00	13876.30	13779.40	13455.70	13355.30	13324.40	17829.70	17518.90	17422.00	17098.30	16997.90	16967.00
B 15.12			Plain/Reinforced Cement Concrete for wall & slab etc. complete as per Drawing and Technical Specifications.													
	A		RCC Grade M20 using batching plant transit mixer & Concrete pump	Cum	11923.80	11761.20	11710.60	11695.90	11595.50	11564.10	15218.20	15055.60	15005.00	14990.30	14890.00	14858.50
	B		RCC Grade M25 using batching plant transit mixer & Concrete pump	Cum	12703.10	12540.40	12489.80	12475.20	12374.80	12343.30	16219.20	16056.60	16006.00	15991.30	15890.90	15859.50
	C		RCC Grade M30 using batching plant transit mixer & Concrete pump	Cum	12770.50	12607.90	12557.30	12542.60	12442.20	12410.80	16303.80	16141.10	16090.50	16075.90	15975.50	15944.10
	D		RCC Grade M35 using batching plant transit mixer & Concrete pump	Cum	12996.60	12834.00	12783.40	12768.70	12668.30	12636.90	16592.80	16430.20	16379.60	16364.90	16264.60	16233.10
	E		RCC Grade M40 using batching plant transit mixer & Concrete pump	Cum	13192.50	13029.80	12979.20	12964.50	12864.20	12832.70	16835.10	16672.40	16621.80	16607.20	16506.80	16475.30
B 15.13			Supplying, Fitting and Placing un-coated HYSD bar reinforcement in Foundation complete as per drawing and technical specifications.	MT	85793.80	85733.30	85676.20	85653.30	85592.40	85535.40	89696.00	89635.40	89578.40	89555.50	89494.60	89437.50
B 15.14			Providing weep holes in Brick masonry/Plain/ Reinforced concrete abutment, wing wall/ return wall with 100 mm dia AC pipe, extending through the full width of the structure with slope of 1V :20H towards drawing face. Complete as per drawing and Technical Specifications	Nos	2334.30	2334.30	2334.30	2325.90	2325.90	2325.90	2742.00	2742.00	2742.00	2733.50	2733.50	2733.50
B 15.15			PCC M15 Grade leveling course below approach slab complete as per drawing and Technical specification													
	Case I		PCC Grade M15 using batching plant & Concrete pump	Cum	10089.00	9997.80	9969.20	10038.20	9946.90	9918.30	12832.70	12741.40	12712.90	12781.90	12690.60	12662.00
	Case II		PCC Grade M15 using batching plant & manual placing	Cum	10424.60	10333.40	10305.30	10231.50	10140.30	10112.20	13168.30	13077.00	13049.00	12975.20	12884.00	12855.90
B 15.16			Reinforced cement concrete approach slab including reinforcement and formwork complete as per drawing and Technical specification	Cum	97403.40	97195.00	97091.90	97055.70	96903.50	96817.90	104517.60	104309.20	104206.20	104169.90	104017.80	103932.10
B 15.17			Drainage Spouts complete as per drawing and Technical specification	Nos	564029.60	564029.60	564029.60	563962.20	563962.20	563962.20	662299.40	662299.40	662299.40	662232.00	662232.00	662232.00
B 15.18			Providing and laying Cement concrete wearing coat M-30 grade including reinforcement complete as per drawing and Technical Specifications	Cum	97553.10	97344.70	97241.70	97168.00	97015.80	96930.20	104667.30	104459.00	104355.90	104282.20	104130.10	104044.40

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	I		RCC Grade M40													
	Case I		using batching plant & Concrete pump	Cum	13939.10	13776.50	13725.90	12464.80	12373.50	12344.90	14580.80	14418.10	14367.50	13048.10	12956.80	12928.20
	Case II		using batching plant & manual placing	Cum	14933.70	14623.00	14526.10	14202.30	14102.00	14071.10	15575.40	15264.60	15167.70	14844.00	14743.60	14712.70
B 15.12			Plain/Reinforced Cement Concrete for wall & slab etc. complete as per Drawing and Technical Specifications.													
	A		RCC Grade M20 using batching plant transit mixer & Concrete pump	Cum	12603.30	12440.70	12390.10	12375.40	12275.00	12243.60	13175.40	13012.80	12962.20	12947.50	12847.10	12815.70
	B		RCC Grade M25 using batching plant transit mixer & Concrete pump	Cum	13427.30	13264.60	13214.00	13199.40	13099.00	13067.50	14039.90	13877.20	13826.60	13812.00	13711.60	13680.20
	C		RCC Grade M30 using batching plant transit mixer & Concrete pump	Cum	13497.70	13335.00	13284.40	13269.80	13169.40	13137.90	14114.40	13951.70	13901.10	13886.50	13786.10	13754.70
	D		RCC Grade M35 using batching plant transit mixer & Concrete pump	Cum	13736.20	13573.50	13522.90	13508.30	13407.90	13376.40	14365.00	14202.40	14151.80	14137.10	14036.70	14005.30
	E		RCC Grade M40 using batching plant transit mixer & Concrete pump	Cum	13939.10	13776.50	13725.90	13711.20	13610.80	13579.40	14580.80	14418.10	14367.50	14352.90	14252.50	14221.00
B 15.13			Supplying, Fitting and Placing un-coated HYSD bar reinforcement in Foundation complete as per drawing and technical specifications.	MT	86585.40	86524.80	86467.80	86444.80	86384.00	86326.90	87288.90	87228.40	87171.30	87148.40	87087.50	87030.50
B 15.14			Providing weep holes in Brick masonry/Plain/ Reinforced concrete abutment, wing wall/ return wall with 100 mm dia AC pipe, extending through the full width of the structure with slope of 1V :20H towards drawing face. Complete as per drawing and Technical Specifications	Nos	2357.40	2357.40	2357.40	2348.90	2348.90	2348.90	2547.40	2547.40	2547.40	2538.90	2538.90	2538.90
B 15.15			PCC M15 Grade leveling course below approach slab complete as per drawing and Technical specification													
	Case I		PCC Grade M15 using batching plant & Concrete pump	Cum	10654.90	10563.60	10535.00	10604.00	10512.80	10484.20	11131.50	11040.20	11011.60	11080.60	10989.30	10960.80
	Case II		PCC Grade M15 using batching plant & manual placing	Cum	10990.40	10899.20	10871.10	10797.40	10706.20	10678.10	11467.00	11375.80	11347.70	11273.90	11182.70	11154.70
B 15.16			Reinforced cement concrete approach slab including reinforcement and formwork complete as per drawing and Technical specification	Cum	98856.00	98647.60	98544.50	98508.30	98356.20	98270.50	100120.20	99911.80	99808.70	99772.50	99620.40	99534.70
B 15.17			Drainage Spouts complete as per drawing and Technical specification	Nos	569201.70	569201.70	569201.70	569134.30	569134.30	569134.30	615750.50	615750.50	615750.50	615683.20	615683.20	615683.20
B 15.18			Providing and laying Cement concrete wearing coat M-30 grade including reinforcement complete as per drawing and Technical Specifications	Cum	99005.70	98797.30	98694.30	98620.60	98468.50	98382.80	100269.90	100061.50	99958.50	99884.80	99732.70	99647.00

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
	I		RCC Grade M40													
	Case I		using batching plant & Concrete pump	Cum	20208.20	20045.50	19994.90	18163.90	18072.60	18044.10	18333.20	18170.50	18119.90	16459.30	16368.10	16339.50
	Case II		using batching plant & manual placing	Cum	21202.80	20892.00	20795.10	20471.40	20371.10	20340.20	19327.80	19017.00	18920.10	18596.40	18496.00	18465.20
B 15.12			Plain/Reinforced Cement Concrete for wall & slab etc. complete as per Drawing and Technical Specifications.													
	A		RCC Grade M20 using batching plant transit mixer & Concrete pump	Cum	18280.00	18117.40	18066.80	18052.10	17951.70	17920.30	16578.70	16416.10	16365.50	16350.80	16250.40	16219.00
	B		RCC Grade M25 using batching plant transit mixer & Concrete pump	Cum	19484.30	19321.60	19271.00	19256.40	19156.00	19124.50	17669.90	17507.20	17456.60	17442.00	17341.60	17310.10
	C		RCC Grade M30 using batching plant transit mixer & Concrete pump	Cum	19583.30	19420.60	19370.00	19355.40	19255.00	19223.50	17760.80	17598.10	17547.50	17532.90	17432.50	17401.00
	D		RCC Grade M35 using batching plant transit mixer & Concrete pump	Cum	19929.20	19766.50	19715.90	19701.30	19600.90	19569.40	18075.00	17912.30	17861.70	17847.10	17746.70	17715.20
	E		RCC Grade M40 using batching plant transit mixer & Concrete pump	Cum	20208.20	20045.50	19994.90	19980.30	19879.90	19848.50	18333.20	18170.50	18119.90	18105.30	18004.90	17973.40
B 15.13			Supplying, Fitting and Placing un-coated HYSD bar reinforcement in Foundation complete as per drawing and technical specifications.	MT	93287.70	93227.10	93170.10	93147.20	93086.30	93029.20	91289.90	91229.40	91172.30	91149.40	91088.50	91031.40
B 15.14			Providing weep holes in Brick masonry/Plain/ Reinforced concrete abutment, wing wall/ return wall with 100 mm dia AC pipe, extending through the full width of the structure with slope of 1V :20H towards drawing face. Complete as per drawing and Technical Specifications	Nos	2960.60	2960.60	2960.60	2952.20	2952.20	2952.20	2829.80	2829.80	2829.80	2821.40	2821.40	2821.40
B 15.15			PCC M15 Grade leveling course below approach slab complete as per drawing and Technical specification													
	Case I		PCC Grade M15 using batching plant & Concrete pump	Cum	15382.40	15291.20	15262.60	15331.60	15240.30	15211.70	13965.60	13874.40	13845.80	13914.80	13823.50	13794.90
	Case II		PCC Grade M15 using batching plant & manual placing	Cum	15718.00	15626.80	15598.70	15524.90	15433.70	15405.60	14301.20	14210.00	14181.90	14108.10	14016.90	13988.80
B 15.16			Reinforced cement concrete approach slab including reinforcement and formwork complete as per drawing and Technical specification	Cum	111090.70	110882.30	110779.20	110743.00	110590.80	110505.20	107436.00	107227.60	107124.60	107088.30	106936.20	106850.60
B 15.17			Drainage Spouts complete as per drawing and Technical specification	Nos	714020.40	714020.40	714020.40	713953.00	713953.00	713953.00	682987.80	682987.80	682987.80	682920.40	682920.40	682920.40
B 15.18			Providing and laying Cement concrete wearing coat M-30 grade including reinforcement complete as per drawing and Technical Specifications	Cum	111240.40	111032.00	110929.00	110855.30	110703.10	110617.50	107585.80	107377.40	107274.30	107200.60	107048.50	106962.90

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 15.19			Mastic Asphalt													
			Providing and laying 12mm thick mastic asphalt wearing course on top of deck slab excluding prime coat with paving grade bitumen meeting the requirements given in Table 500-39, prepared by using Mastic cooker and laid to required level and slope after cleaning the surface, including providing anti-skid surface with bitumen precoated fine grained hard stone chipping of 9.5mm nominal size @ 0.005 cum per 10 sqm and at approximate spacing of 10 cm center to center in both directions, pressed into surface when the temperature of surface not less than 100 deg C protruding 1 mm to 4 mm over mastic surface all complete as per Clause 516	Sqm	1799.10	1799.10	1799.10	1773.80	1773.80	1773.80	1786.20	1786.20	1786.20	1760.80	1760.80	1760.80
B 15.20			Crash Barriers													
			The rate analysis for rigid crash barrier in reinforced cement concrete, semi-rigid crash barrier with metal beam and flexible crash barrier with wire ropes have been made and included in chapter-8 on Traffic and Transportation. The rate analysis for rigid crash barrier in reinforced cement concrete have been made and included in chapter-14 on Super Structure													
B 15.21			Painting on concrete surface													
			Providing and applying 2 coats of water based cement paint to unplastered concrete surface after cleaning the surface of dirt, dust, oil, grease, efflorescence and applying paint @ 1 litre for 2 sqm	Sqm	151.90	151.90	151.90	134.00	134.00	134.00	146.70	146.70	146.70	128.80	128.80	128.80
B 15.22			Filler joint													
	(i)		Providing & fixing 2 mm thick corrugated copper plate in expansion joint complete as per drawing & Technical Specification.	Metre	5339.10	5339.10	5339.10	5313.60	5313.60	5313.60	4996.50	4996.50	4996.50	4971.00	4971.00	4971.00
	(ii)		Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per drawing & Technical Specification.	Metre	73.60	73.60	73.60	68.40	68.40	68.40	70.10	70.10	70.10	65.00	65.00	65.00
	(iii)		Providing and fixing in position 20 mm thick premoulded joint filler in expansion joint for fixed ends of simply supported spans not exceeding 10 m to cater for a horizontal movement upto 20 mm, covered with sealant complete as per drawing and technical specifications.	Metre	117.70	117.70	117.70	110.40	110.40	110.40	111.90	111.90	111.90	104.60	104.60	104.60
	(iv)		Providing and filling joint sealing compound as per drawings and technical specifications with coarse sand and 6 per cent bitumen by weight	Metre	67.20	67.20	67.20	53.50	53.50	53.50	66.20	66.20	66.20	52.60	52.60	52.60

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 15.19			Mastic Asphalt													
			Providing and laying 12mm thick mastic asphalt wearing course on top of deck slab excluding prime coat with paving grade bitumen meeting the requirements given in Table 500-39, prepared by using Mastic cooker and laid to required level and slope after cleaning the surface, including providing anti-skid surface with bitumen precoated fine grained hard stone chipping of 9.5mm nominal size @ 0.005 cum per 10 sqm and at approximate spacing of 10 cm center to center in both directions, pressed into surface when the temperature of surface not less than 100 deg C protruding 1 mm to 4 mm over mastic surface all complete as per Clause 516	Sqm	1807.40	1807.40	1807.40	1782.10	1782.10	1782.10	1837.20	1837.20	1837.20	1811.80	1811.80	1811.80
B 15.20			Crash Barriers													
			The rate analysis for rigid crash barrier in reinforced cement concrete, semi-rigid crash barrier with metal beam and flexible crash barrier with wire ropes have been made and included in chapter-8 on Traffic and Transportation. The rate analysis for rigid crash barrier in reinforced cement concrete have been made and included in chapter-14 on Super Structure													
B 15.21			Painting on concrete surface													
			Providing and applying 2 coats of water based cement paint to unplastered concrete surface after cleaning the surface of dirt, dust, oil, grease, efflorescence and applying paint @ 1 litre for 2 sqm	Sqm	151.90	151.90	151.90	134.00	134.00	134.00	157.20	157.20	157.20	139.30	139.30	139.30
B 15.22			Filler joint													
	(i)		Providing & fixing 2 mm thick corrugated copper plate in expansion joint complete as per drawing & Technical Specification.	Metre	5339.10	5339.10	5339.10	5313.60	5313.60	5313.60	5681.60	5681.60	5681.60	5656.10	5656.10	5656.10
	(ii)		Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per drawing & Technical Specification.	Metre	73.60	73.60	73.60	68.40	68.40	68.40	77.00	77.00	77.00	71.90	71.90	71.90
	(iii)		Providing and fixing in position 20 mm thick premoulded joint filler in expansion joint for fixed ends of simply supported spans not exceeding 10 m to cater for a horizontal movement upto 20 mm, covered with sealant complete as per drawing and technical specifications.	Metre	117.70	117.70	117.70	110.40	110.40	110.40	123.40	123.40	123.40	116.20	116.20	116.20
	(iv)		Providing and filling joint sealing compound as per drawings and technical specifications with coarse sand and 6 per cent bitumen by weight	Metre	67.20	67.20	67.20	53.50	53.50	53.50	69.40	69.40	69.40	55.70	55.70	55.70

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 15.19			Mastic Asphalt													
			Providing and laying 12mm thick mastic asphalt wearing course on top of deck slab excluding prime coat with paving grade bitumen meeting the requirements given in Table 500-39, prepared by using Mastic cooker and laid to required level and slope after cleaning the surface, including providing anti-skid surface with bitumen precoated fine grained hard stone chipping of 9.5mm nominal size @ 0.005 cum per 10 sqm and at approximate spacing of 10 cm center to center in both directions, pressed into surface when the temperature of surface not less than 100 deg C protruding 1 mm to 4 mm over mastic surface all complete as per Clause 516	Sqm	1872.20	1872.20	1872.20	1846.80	1846.80	1846.80	1863.90	1863.90	1863.90	1838.60	1838.60	1838.60
B 15.20			Crash Barriers													
			The rate analysis for rigid crash barrier in reinforced cement concrete, semi-rigid crash barrier with metal beam and flexible crash barrier with wire ropes have been made and included in chapter-8 on Traffic and Transportation. The rate analysis for rigid crash barrier in reinforced cement concrete have been made and included in chapter-14 on Super Structure													
B 15.21			Painting on concrete surface													
			Providing and applying 2 coats of water based cement paint to unplastered concrete surface after cleaning the surface of dirt, dust, oil, grease, efflorescence and applying paint @ 1 litre for 2 sqm	Sqm	166.90	166.90	166.90	149.00	149.00	149.00	164.70	164.70	164.70	146.80	146.80	146.80
B 15.22			Filler joint													
	(i)		Providing & fixing 2 mm thick corrugated copper plate in expansion joint complete as per drawing & Technical Specification.	Metre	6317.80	6317.80	6317.80	6292.30	6292.30	6292.30	6171.00	6171.00	6171.00	6145.50	6145.50	6145.50
	(ii)		Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per drawing & Technical Specification.	Metre	83.50	83.50	83.50	78.40	78.40	78.40	82.00	82.00	82.00	76.90	76.90	76.90
	(iii)		Providing and fixing in position 20 mm thick premoulded joint filler in expansion joint for fixed ends of simply supported spans not exceeding 10 m to cater for a horizontal movement upto 20 mm, covered with sealant complete as per drawing and technical specifications.	Metre	134.20	134.20	134.20	126.90	126.90	126.90	131.70	131.70	131.70	124.50	124.50	124.50
	(iv)		Providing and filling joint sealing compound as per drawings and technical specifications with coarse sand and 6 per cent bitumen by weight	Metre	71.40	71.40	71.40	57.70	57.70	57.70	70.90	70.90	70.90	57.20	57.20	57.20

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 15.19			Mastic Asphalt													
			Providing and laying 12mm thick mastic asphalt wearing course on top of deck slab excluding prime coat with paving grade bitumen meeting the requirements given in Table 500-39, prepared by using Mastic cooker and laid to required level and slope after cleaning the surface, including providing anti-skid surface with bitumen precoated fine grained hard stone chipping of 9.5mm nominal size @ 0.005 cum per 10 sqm and at approximate spacing of 10 cm center to center in both directions, pressed into surface when the temperature of surface not less than 100 deg C protruding 1 mm to 4 mm over mastic surface all complete as per Clause 516	Sqm	1809.10	1809.10	1809.10	1783.70	1783.70	1783.70	1884.50	1884.50	1884.50	1859.20	1859.20	1859.20
B 15.20			Crash Barriers													
			The rate analysis for rigid crash barrier in reinforced cement concrete, semi-rigid crash barrier with metal beam and flexible crash barrier with wire ropes have been made and included in chapter-8 on Traffic and Transportation. The rate analysis for rigid crash barrier in reinforced cement concrete have been made and included in chapter-14 on Super Structure													
B 15.21			Painting on concrete surface													
			Providing and applying 2 coats of water based cement paint to unplastered concrete surface after cleaning the surface of dirt, dust, oil, grease, efflorescence and applying paint @ 1 litre for 2 sqm	Sqm	153.40	153.40	153.40	135.50	135.50	135.50	167.70	167.70	167.70	149.70	149.70	149.70
B 15.22			Filler joint													
	(i)		Providing & fixing 2 mm thick corrugated copper plate in expansion joint complete as per drawing & Technical Specification.	Metre	5436.90	5436.90	5436.90	5411.40	5411.40	5411.40	6366.70	6366.70	6366.70	6341.20	6341.20	6341.20
	(ii)		Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per drawing & Technical Specification.	Metre	74.60	74.60	74.60	69.40	69.40	69.40	84.00	84.00	84.00	78.80	78.80	78.80
	(iii)		Providing and fixing in position 20 mm thick premoulded joint filler in expansion joint for fixed ends of simply supported spans not exceeding 10 m to cater for a horizontal movement upto 20 mm, covered with sealant complete as per drawing and technical specifications.	Metre	119.30	119.30	119.30	112.10	112.10	112.10	135.00	135.00	135.00	127.80	127.80	127.80
	(iv)		Providing and filling joint sealing compound as per drawings and technical specifications with coarse sand and 6 per cent bitumen by weight	Metre	67.70	67.70	67.70	54.00	54.00	54.00	72.20	72.20	72.20	58.50	58.50	58.50

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 15.19			Mastic Asphalt													
			Providing and laying 12mm thick mastic asphalt wearing course on top of deck slab excluding prime coat with paving grade bitumen meeting the requirements given in Table 500-39, prepared by using Mastic cooker and laid to required level and slope after cleaning the surface, including providing anti-skid surface with bitumen precoated fine grained hard stone chipping of 9.5mm nominal size @ 0.005 cum per 10 sqm and at approximate spacing of 10 cm center to center in both directions, pressed into surface when the temperature of surface not less than 100 deg C protruding 1 mm to 4 mm over mastic surface all complete as per Clause 516	Sqm	1824.00	1824.00	1824.00	1798.60	1798.60	1798.60	1838.50	1838.50	1838.50	1813.20	1813.20	1813.20
B 15.20			Crash Barriers													
			The rate analysis for rigid crash barrier in reinforced cement concrete, semi-rigid crash barrier with metal beam and flexible crash barrier with wire ropes have been made and included in chapter-8 on Traffic and Transportation. The rate analysis for rigid crash barrier in reinforced cement concrete have been made and included in chapter-14 on Super Structure													
B 15.21			Painting on concrete surface													
			Providing and applying 2 coats of water based cement paint to unplastered concrete surface after cleaning the surface of dirt, dust, oil, grease, efflorescence and applying paint @ 1 litre for 2 sqm	Sqm	154.20	154.20	154.20	136.30	136.30	136.30	160.90	160.90	160.90	143.00	143.00	143.00
B 15.22			Filler joint													
	(i)		Providing & fixing 2 mm thick corrugated copper plate in expansion joint complete as per drawing & Technical Specification.	Metre	5485.90	5485.90	5485.90	5460.40	5460.40	5460.40	5926.30	5926.30	5926.30	5900.80	5900.80	5900.80
	(ii)		Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per drawing & Technical Specification.	Metre	75.10	75.10	75.10	69.90	69.90	69.90	79.50	79.50	79.50	74.40	74.40	74.40
	(iii)		Providing and fixing in position 20 mm thick premoulded joint filler in expansion joint for fixed ends of simply supported spans not exceeding 10 m to cater for a horizontal movement upto 20 mm, covered with sealant complete as per drawing and technical specifications.	Metre	120.10	120.10	120.10	112.90	112.90	112.90	127.60	127.60	127.60	120.30	120.30	120.30
	(iv)		Providing and filling joint sealing compound as per drawings and technical specifications with coarse sand and 6 per cent bitumen by weight	Metre	68.60	68.60	68.60	54.90	54.90	54.90	69.40	69.40	69.40	55.70	55.70	55.70

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 15.19			Mastic Asphalt													
			Providing and laying 12mm thick mastic asphalt wearing course on top of deck slab excluding prime coat with paving grade bitumen meeting the requirements given in Table 500-39, prepared by using Mastic cooker and laid to required level and slope after cleaning the surface, including providing anti-skid surface with bitumen precoated fine grained hard stone chipping of 9.5mm nominal size @ 0.005 cum per 10 sqm and at approximate spacing of 10 cm center to center in both directions, pressed into surface when the temperature of surface not less than 100 deg C protruding 1 mm to 4 mm over mastic surface all complete as per Clause 516	Sqm	1952.50	1952.50	1952.50	1927.10	1927.10	1927.10	1914.50	1914.50	1914.50	1889.20	1889.20	1889.20
B 15.20			Crash Barriers													
			The rate analysis for rigid crash barrier in reinforced cement concrete, semi-rigid crash barrier with metal beam and flexible crash barrier with wire ropes have been made and included in chapter-8 on Traffic and Transportation. The rate analysis for rigid crash barrier in reinforced cement concrete have been made and included in chapter-14 on Super Structure													
B 15.21			Painting on concrete surface													
			Providing and applying 2 coats of water based cement paint to unplastered concrete surface after cleaning the surface of dirt, dust, oil, grease, efflorescence and applying paint @ 1 litre for 2 sqm	Sqm	175.20	175.20	175.20	157.20	157.20	157.20	170.70	170.70	170.70	152.70	152.70	152.70
B 15.22			Filler joint													
	(i)		Providing & fixing 2 mm thick corrugated copper plate in expansion joint complete as per drawing & Technical Specification.	Metre	6856.10	6856.10	6856.10	6830.60	6830.60	6830.60	6562.50	6562.50	6562.50	6537.00	6537.00	6537.00
	(ii)		Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per drawing & Technical Specification.	Metre	88.90	88.90	88.90	83.80	83.80	83.80	86.00	86.00	86.00	80.80	80.80	80.80
	(iii)		Providing and fixing in position 20 mm thick premoulded joint filler in expansion joint for fixed ends of simply supported spans not exceeding 10 m to cater for a horizontal movement upto 20 mm, covered with sealant complete as per drawing and technical specifications.	Metre	143.30	143.30	143.30	136.00	136.00	136.00	138.30	138.30	138.30	131.10	131.10	131.10
	(iv)		Providing and filling joint sealing compound as per drawings and technical specifications with coarse sand and 6 per cent bitumen by weight	Metre	76.30	76.30	76.30	62.70	62.70	62.70	74.00	74.00	74.00	60.30	60.30	60.30

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 15.23			Back filling behind abutment, wing wall and return wall complete as per drawing and Technical Specification													
	A		Granular material	Cum	2069.40	2069.40	2069.40	1889.60	1889.60	1889.60	2069.40	2069.40	2069.40	1889.60	1889.60	1889.60
	B		Sandy material	Cum	3956.30	3956.30	3956.30	3776.40	3776.40	3776.40	2929.40	2929.40	2929.40	2749.60	2749.60	2749.60
B 15.24			Providing and laying of Filter media with granular materials/stone crushed aggregates satisfying the requirements laid down in clause 2504.2.2. of MoRTH specifications to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and Technical Specification.	Cum	3123.00	3123.00	3123.00	2907.50	2907.50	2907.50	3123.00	3123.00	3123.00	2907.50	2907.50	2907.50
B 15.25			Painting with synthetic enamel paint bridge No. and span arrangements													
			Painting 2 coats after filling the surface with synthetic enamel paint bridge No. and span arrangements as per direction of Engineer	Nos	319.90	319.90	319.90	289.10	289.10	289.10	311.10	311.10	311.10	280.30	280.30	280.30

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 15.23			Back filling behind abutment, wing wall and return wall complete as per drawing and Technical Specification													
	A		Granular material	Cum	2069.40	2069.40	2069.40	1889.60	1889.60	1889.60	2069.40	2069.40	2069.40	1889.60	1889.60	1889.60
	B		Sandy material	Cum	3956.30	3956.30	3956.30	3776.40	3776.40	3776.40	6278.30	6278.30	6278.30	6098.50	6098.50	6098.50
B 15.24			Providing and laying of Filter media with granular materials/stone crushed aggregates satisfying the requirements laid down in clause 2504.2.2. of MoRTH specifications to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and Technical Specification.	Cum	3123.00	3123.00	3123.00	2907.50	2907.50	2907.50	3123.00	3123.00	3123.00	2907.50	2907.50	2907.50
B 15.25			Painting with synthetic enamel paint bridge No. and span arrangements													
			Painting 2 coats after filling the surface with synthetic enamel paint bridge No. and span arrangements as per direction of Engineer	Nos	319.90	319.90	319.90	289.10	289.10	289.10	328.60	328.60	328.60	297.80	297.80	297.80

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 15.23			Back filling behind abutment, wing wall and return wall complete as per drawing and Technical Specification													
	A		Granular material	Cum	2069.40	2069.40	2069.40	1889.60	1889.60	1889.60	2069.40	2069.40	2069.40	1889.60	1889.60	1889.60
	B		Sandy material	Cum	8402.00	8402.00	8402.00	8222.20	8222.20	8222.20	7911.90	7911.90	7911.90	7732.10	7732.10	7732.10
B 15.24			Providing and laying of Filter media with granular materials/stone crushed aggregates satisfying the requirements laid down in clause 2504.2.2. of MoRTH specifications to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and Technical Specification.	Cum	3123.00	3123.00	3123.00	2907.50	2907.50	2907.50	3123.00	3123.00	3123.00	2907.50	2907.50	2907.50
B 15.25			Painting with synthetic enamel paint bridge No. and span arrangements													
			Painting 2 coats after filling the surface with synthetic enamel paint bridge No. and span arrangements as per direction of Engineer	Nos	344.80	344.80	344.80	314.00	314.00	314.00	341.10	341.10	341.10	310.30	310.30	310.30

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 15.23			Back filling behind abutment, wing wall and return wall complete as per drawing and Technical Specification													
	A		Granular material	Cum	2069.40	2069.40	2069.40	1889.60	1889.60	1889.60	2069.40	2069.40	2069.40	1889.60	1889.60	1889.60
	B		Sandy material	Cum	4481.40	4481.40	4481.40	4301.50	4301.50	4301.50	9218.80	9218.80	9218.80	9039.00	9039.00	9039.00
B 15.24			Providing and laying of Filter media with granular materials/stone crushed aggregates satisfying the requirements laid down in clause 2504.2.2. of MoRTH specifications to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and Technical Specification.	Cum	3123.00	3123.00	3123.00	2907.50	2907.50	2907.50	3123.00	3123.00	3123.00	2907.50	2907.50	2907.50
B 15.25			Painting with synthetic enamel paint bridge No. and span arrangements													
			Painting 2 coats after filling the surface with synthetic enamel paint bridge No. and span arrangements as per direction of Engineer	Nos	322.30	322.30	322.30	291.60	291.60	291.60	346.10	346.10	346.10	315.30	315.30	315.30

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 15.23			Back filling behind abutment, wing wall and return wall complete as per drawing and Technical Specification													
	A		Granular material	Cum	2069.40	2069.40	2069.40	1889.60	1889.60	1889.60	2069.40	2069.40	2069.40	1889.60	1889.60	1889.60
	B		Sandy material	Cum	5461.50	5461.50	5461.50	5281.70	5281.70	5281.70	6278.30	6278.30	6278.30	6098.50	6098.50	6098.50
B 15.24			Providing and laying of Filter media with granular materials/stone crushed aggregates satisfying the requirements laid down in clause 2504.2.2. of MoRTH specifications to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and Technical Specification.	Cum	3123.00	3123.00	3123.00	2907.50	2907.50	2907.50	3123.00	3123.00	3123.00	2907.50	2907.50	2907.50
B 15.25			Painting with synthetic enamel paint bridge No. and span arrangements													
			Painting 2 coats after filling the surface with synthetic enamel paint bridge No. and span arrangements as per direction of Engineer	Nos	323.60	323.60	323.60	292.80	292.80	292.80	334.80	334.80	334.80	304.00	304.00	304.00

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 15.23			Back filling behind abutment, wing wall and return wall complete as per drawing and Technical Specification													
	A		Granular material	Cum	2069.40	2069.40	2069.40	1889.60	1889.60	1889.60	2069.40	2069.40	2069.40	1889.60	1889.60	1889.60
	B		Sandy material	Cum	13629.60	13629.60	13629.60	13449.70	13449.70	13449.70	11179.20	11179.20	11179.20	10999.30	10999.30	10999.30
B 15.24			Providing and laying of Filter media with granular materials/stone crushed aggregates satisfying the requirements laid down in clause 2504.2.2. of MoRTH specifications to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and Technical Specification.	Cum	3123.00	3123.00	3123.00	2907.50	2907.50	2907.50	3123.00	3123.00	3123.00	2907.50	2907.50	2907.50
B 15.25			Painting with synthetic enamel paint bridge No. and span arrangements													
			Painting 2 coats after filling the surface with synthetic enamel paint bridge No. and span arrangements as per direction of Engineer	Nos	358.50	358.50	358.50	327.70	327.70	327.70	351.00	351.00	351.00	320.20	320.20	320.20

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			16 : RIVER TRAINING AND PROTECTION WORKS													
B 16.01			Boulder Laid Dry Without Wire Crates.													
			Boulder Laid Dry Without Wire Crates.Providing and laying boulders apron on river bed for protection against scour with stone boulders weighing not less than 40 kg each complete as per drawing and technical specification	Cum	3271.50	3271.50	3271.50	2953.00	2953.00	2953.00	3271.50	3271.50	3271.50	2953.00	2953.00	2953.00
B 16.02			Boulder Apron Laid in Wire Crates													
			Providing and laying of boulder apron laid in wire crates made with 4mm dia GI wire conforming to IS: 280 & IS:4826 in 100mm x 100mm mesh (weaved diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 40 kg each.	Cum	4438.20	4438.20	4438.20	4286.30	4552.50	4818.70	4339.30	4339.30	4339.30	4187.40	4453.60	4719.80
B 16.03			Cement Concrete Blocks (size 0.5 x 0.5 x 0.5 m)													
			Providing and laying of apron with cement concrete blocks of size 0.5 x 0.5 x 0.5 m cast in-situ and made with nominal mix of M-15 grade cement concrete with a minimum cement content of 250 kg/cum as per IRC: 21.	Cum	10364.40	10207.10	10157.70	10015.70	9919.00	9889.20	9776.60	9619.30	9569.80	9427.90	9331.20	9301.40
B 16.04			Providing and laying Pitching on slopes laid over prepared filter media including boulder apron laid dry in front of toe of embankment complete as per drawing and Technical specifications													
	A		Stone/Boulder	Cum	3271.50	3271.50	3271.50	2953.00	2953.00	2953.00	3271.50	3271.50	3271.50	2953.00	2953.00	2953.00
	B		Cement Concrete Blocks of size 0.3x0.3 x0.3 m cast in cement concrete of Grade M15	Cum	10161.20	10007.00	9958.50	9819.30	9724.50	9695.30	9584.90	9430.70	9382.20	9243.00	9148.20	9119.00
B 16.05			Providing and laying Filter material underneath pitching in slopes complete as per drawing and Technical specification	Cum	3641.30	3641.30	3641.30	3294.40	3294.40	3294.40	3641.30	3641.30	3641.30	3294.40	3294.40	3294.40
B 16.06			Geotextile Filter													
			Laying of a geotextile filter between pitching and embankment slopes on which pitching is laid to prevent escape of the embankment material through the voids of the stone pitching/cement concrete blocks as well as to allow free movement of water without creating any uplift head on the pitching.	Sqm	357.40	357.40	357.40	344.20	344.20	344.20	337.50	337.50	337.50	324.30	324.30	324.30
B 16.07			Toe protection													
			A toe wall for toe protection can either be in dry rubble masonry in case of dry rubble pitching or pitching with stones in wire crates or it can be in PCC M15 nominal mix if cement concert block have been used for pitching . Rates for toe wall can be adopted from respective clauses depending upon approved design. The rate for excavation for foundation, dry rubble masonry and PCC M15 have been analysed and given in respective chapters.													

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			16 : RIVER TRAINING AND PROTECTION WORKS													
B 16.01			Boulder Laid Dry Without Wire Crates.													
			Boulder Laid Dry Without Wire Crates.Providing and laying boulders apron on river bed for protection against scour with stone boulders weighing not less than 40 kg each complete as per drawing and technical specification	Cum	3271.50	3271.50	3271.50	2953.00	2953.00	2953.00	3271.50	3271.50	3271.50	2953.00	2953.00	2953.00
B 16.02			Boulder Apron Laid in Wire Crates													
			Providing and laying of boulder apron laid in wire crates made with 4mm dia GI wire conforming to IS: 280 & IS:4826 in 100mm x 100mm mesh (weaved diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 40 kg each.	Cum	4438.20	4438.20	4438.20	4286.30	4552.50	4818.70	4537.10	4537.10	4537.10	4385.30	4651.40	4917.60
B 16.03			Cement Concrete Blocks (size 0.5 x 0.5 x 0.5 m)													
			Providing and laying of apron with cement concrete blocks of size 0.5 x 0.5 x 0.5 m cast in-situ and made with nominal mix of M-15 grade cement concrete with a minimum cement content of 250 kg/cum as per IRC: 21.	Cum	10364.40	10207.10	10157.70	10015.70	9919.00	9889.20	12304.80	12147.50	12098.10	11956.10	11859.30	11829.60
B 16.04			Providing and laying Pitching on slopes laid over prepared filter media including boulder apron laid dry in front of toe of embankment complete as per drawing and Technical specifications													
	A		Stone/Boulder	Cum	3271.50	3271.50	3271.50	2953.00	2953.00	2953.00	3271.50	3271.50	3271.50	2953.00	2953.00	2953.00
	B		Cement Concrete Blocks of size 0.3x0.3 x0.3 m cast in cement concrete of Grade M15	Cum	10161.20	10007.00	9958.50	9819.30	9724.50	9695.30	12063.50	11909.30	11860.90	11721.70	11626.80	11597.60
B 16.05			Providing and laying Filter material underneath pitching in slopes complete as per drawing and Technical specification	Cum	3641.30	3641.30	3641.30	3294.40	3294.40	3294.40	3641.30	3641.30	3641.30	3294.40	3294.40	3294.40
B 16.06			Geotextile Filter													
			Laying of a geotextile filter between pitching and embankment slopes on which pitching is laid to prevent escape of the embankment material through the voids of the stone pitching/cement concrete blocks as well as to allow free movement of water without creating any uplift head on the pitching.	Sqm	357.40	357.40	357.40	344.20	344.20	344.20	377.30	377.30	377.30	364.10	364.10	364.10
B 16.07			Toe protection													
			A toe wall for toe protection can either be in dry rubble masonry in case of dry rubble pitching or pitching with stones in wire crates or it can be in PCC M15 nominal mix if cement concert block have been used for pitching . Rates for toe wall can be adopted from respective clauses depending upon approved design. The rate for excavation for foundation, dry rubble masonry and PCC M15 have been analysed and given in respective chapters.													

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			16 : RIVER TRAINING AND PROTECTION WORKS													
B 16.01			Boulder Laid Dry Without Wire Crates.													
			Boulder Laid Dry Without Wire Crates.Providing and laying boulders apron on river bed for protection against scour with stone boulders weighing not less than 40 kg each complete as per drawing and technical specification	Cum	3271.50	3271.50	3271.50	2953.00	2953.00	2953.00	3271.50	3271.50	3271.50	2953.00	2953.00	2953.00
B 16.02			Boulder Apron Laid in Wire Crates													
			Providing and laying of boulder apron laid in wire crates made with 4mm dia GI wire conforming to IS: 280 & IS:4826 in 100mm x 100mm mesh (weaved diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 40 kg each.	Cum	4720.90	4720.90	4720.90	4569.00	4835.10	5101.30	4678.50	4678.50	4678.50	4526.60	4792.80	5058.90
B 16.03			Cement Concrete Blocks (size 0.5 x 0.5 x 0.5 m)													
			Providing and laying of apron with cement concrete blocks of size 0.5 x 0.5 x 0.5 m cast in-situ and made with nominal mix of M-15 grade cement concrete with a minimum cement content of 250 kg/cum as per IRC: 21.	Cum	13612.50	13455.20	13405.80	13263.80	13167.00	13137.20	13310.70	13153.40	13103.90	12962.00	12865.30	12835.50
B 16.04			Providing and laying Pitching on slopes laid over prepared filter media including boulder apron laid dry in front of toe of embankment complete as per drawing and Technical specifications													
	A		Stone/Boulder	Cum	3271.50	3271.50	3271.50	2953.00	2953.00	2953.00	3271.50	3271.50	3271.50	2953.00	2953.00	2953.00
	B		Cement Concrete Blocks of size 0.3x0.3 x0.3 m cast in cement concrete of Grade M15	Cum	13345.60	13191.40	13142.90	13003.70	12908.80	12879.60	13049.70	12895.50	12847.00	12707.80	12613.00	12583.80
B 16.05			Providing and laying Filter material underneath pitching in slopes complete as per drawing and Technical specification	Cum	3641.30	3641.30	3641.30	3294.40	3294.40	3294.40	3641.30	3641.30	3641.30	3294.40	3294.40	3294.40
B 16.06			Geotextile Filter													
			Laying of a geotextile filter between pitching and embankment slopes on which pitching is laid to prevent escape of the embankment material through the voids of the stone pitching/cement concrete blocks as well as to allow free movement of water without creating any uplift head on the pitching.	Sqm	414.20	414.20	414.20	401.00	401.00	401.00	405.70	405.70	405.70	392.50	392.50	392.50
B 16.07			Toe protection													
			A toe wall for toe protection can either be in dry rubble masonry in case of dry rubble pitching or pitching with stones in wire crates or it can be in PCC M15 nominal mix if cement concert block have been used for pitching . Rates for toe wall can be adopted from respective clauses depending upon approved design. The rate for excavation for foundation, dry rubble masonry and PCC M15 have been analysed and given in respective chapters.													

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			16 : RIVER TRAINING AND PROTECTION WORKS													
B 16.01			Boulder Laid Dry Without Wire Crates.													
			Boulder Laid Dry Without Wire Crates.Providing and laying boulders apron on river bed for protection against scour with stone boulders weighing not less than 40 kg each complete as per drawing and technical specification	Cum	3271.50	3271.50	3271.50	2953.00	2953.00	2953.00	3271.50	3271.50	3271.50	2953.00	2953.00	2953.00
B 16.02			Boulder Apron Laid in Wire Crates													
			Providing and laying of boulder apron laid in wire crates made with 4mm dia GI wire conforming to IS: 280 & IS:4826 in 100mm x 100mm mesh (weaved diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 40 kg each.	Cum	4466.50	4466.50	4466.50	4314.60	4580.80	4846.90	4735.00	4735.00	4735.00	4583.10	4849.30	5115.40
B 16.03			Cement Concrete Blocks (size 0.5 x 0.5 x 0.5 m)													
			Providing and laying of apron with cement concrete blocks of size 0.5 x 0.5 x 0.5 m cast in-situ and made with nominal mix of M-15 grade cement concrete with a minimum cement content of 250 kg/cum as per IRC: 21.	Cum	11202.30	11045.00	10995.60	10853.60	10756.80	10727.00	14112.80	13955.50	13906.10	13764.10	13667.30	13637.50
B 16.04			Providing and laying Pitching on slopes laid over prepared filter media including boulder apron laid dry in front of toe of embankment complete as per drawing and Technical specifications													
	A		Stone/Boulder	Cum	3271.50	3271.50	3271.50	2953.00	2953.00	2953.00	3271.50	3271.50	3271.50	2953.00	2953.00	2953.00
	B		Cement Concrete Blocks of size 0.3x0.3 x0.3 m cast in cement concrete of Grade M15	Cum	10982.60	10828.40	10780.00	10640.80	10545.90	10516.70	13836.10	13681.90	13633.40	13494.20	13399.30	13370.10
B 16.05			Providing and laying Filter material underneath pitching in slopes complete as per drawing and Technical specification	Cum	3641.30	3641.30	3641.30	3294.40	3294.40	3294.40	3641.30	3641.30	3641.30	3294.40	3294.40	3294.40
B 16.06			Geotextile Filter													
			Laying of a geotextile filter between pitching and embankment slopes on which pitching is laid to prevent escape of the embankment material through the voids of the stone pitching/cement concrete blocks as well as to allow free movement of water without creating any uplift head on the pitching.	Sqm	363.10	363.10	363.10	349.90	349.90	349.90	417.10	417.10	417.10	403.80	403.80	403.80
B 16.07			Toe protection													
			A toe wall for toe protection can either be in dry rubble masonry in case of dry rubble pitching or pitching with stones in wire crates or it can be in PCC M15 nominal mix if cement concert block have been used for pitching . Rates for toe wall can be adopted from respective clauses depending upon approved design. The rate for excavation for foundation, dry rubble masonry and PCC M15 have been analysed and given in respective chapters.													

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			16 : RIVER TRAINING AND PROTECTION WORKS													
B 16.01			Boulder Laid Dry Without Wire Crates.													
			Boulder Laid Dry Without Wire Crates.Providing and laying boulders apron on river bed for protection against scour with stone boulders weighing not less than 40 kg each complete as per drawing and technical specification	Cum	3271.50	3271.50	3271.50	2953.00	2953.00	2953.00	3271.50	3271.50	3271.50	2953.00	2953.00	2953.00
B 16.02			Boulder Apron Laid in Wire Crates													
			Providing and laying of boulder apron laid in wire crates made with 4mm dia GI wire conforming to IS: 280 & IS:4826 in 100mm x 100mm mesh (weaved diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 40 kg each.	Cum	4480.60	4480.60	4480.60	4328.70	4594.90	4861.10	4607.80	4607.80	4607.80	4455.90	4722.10	4988.30
B 16.03			Cement Concrete Blocks (size 0.5 x 0.5 x 0.5 m)													
			Providing and laying of apron with cement concrete blocks of size 0.5 x 0.5 x 0.5 m cast in-situ and made with nominal mix of M-15 grade cement concrete with a minimum cement content of 250 kg/cum as per IRC: 21.	Cum	11802.50	11645.20	11595.80	11453.90	11357.10	11327.30	12308.10	12150.90	12101.40	11959.40	11862.60	11832.80
B 16.04			Providing and laying Pitching on slopes laid over prepared filter media including boulder apron laid dry in front of toe of embankment complete as per drawing and Technical specifications													
	A		Stone/Boulder	Cum	3271.50	3271.50	3271.50	2953.00	2953.00	2953.00	3271.50	3271.50	3271.50	2953.00	2953.00	2953.00
	B		Cement Concrete Blocks of size 0.3x0.3 x0.3 m cast in cement concrete of Grade M15	Cum	11571.10	11416.90	11368.40	11229.30	11134.40	11105.20	12066.80	11912.60	11864.10	11724.90	11630.00	11600.80
B 16.05			Providing and laying Filter material underneath pitching in slopes complete as per drawing and Technical specification	Cum	3641.30	3641.30	3641.30	3294.40	3294.40	3294.40	3641.30	3641.30	3641.30	3294.40	3294.40	3294.40
B 16.06			Geotextile Filter													
			Laying of a geotextile filter between pitching and embankment slopes on which pitching is laid to prevent escape of the embankment material through the voids of the stone pitching/cement concrete blocks as well as to allow free movement of water without creating any uplift head on the pitching.	Sqm	365.90	365.90	365.90	352.70	352.70	352.70	391.50	391.50	391.50	378.30	378.30	378.30
B 16.07			Toe protection													
			A toe wall for toe protection can either be in dry rubble masonry in case of dry rubble pitching or pitching with stones in wire crates or it can be in PCC M15 nominal mix if cement concert block have been used for pitching . Rates for toe wall can be adopted from respective clauses depending upon approved design. The rate for excavation for foundation, dry rubble masonry and PCC M15 have been analysed and given in respective chapters.													

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			16 : RIVER TRAINING AND PROTECTION WORKS													
B 16.01			Boulder Laid Dry Without Wire Crates.													
			Boulder Laid Dry Without Wire Crates.Providing and laying boulders apron on river bed for protection against scour with stone boulders weighing not less than 40 kg each complete as per drawing and technical specification	Cum	3271.50	3271.50	3271.50	2953.00	2953.00	2953.00	3271.50	3271.50	3271.50	2953.00	2953.00	2953.00
B 16.02			Boulder Apron Laid in Wire Crates													
			Providing and laying of boulder apron laid in wire crates made with 4mm dia GI wire conforming to IS: 280 & IS:4826 in 100mm x 100mm mesh (weaved diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 40 kg each.	Cum	4876.30	4876.30	4876.30	4724.40	4990.60	5256.80	4791.50	4791.50	4791.50	4639.60	4905.80	5172.00
B 16.03			Cement Concrete Blocks (size 0.5 x 0.5 x 0.5 m)													
			Providing and laying of apron with cement concrete blocks of size 0.5 x 0.5 x 0.5 m cast in-situ and made with nominal mix of M-15 grade cement concrete with a minimum cement content of 250 kg/cum as per IRC: 21.	Cum	16817.60	16660.30	16610.80	16468.80	16372.10	16342.20	15314.60	15157.30	15107.80	14966.00	14869.20	14839.40
B 16.04			Providing and laying Pitching on slopes laid over prepared filter media including boulder apron laid dry in front of toe of embankment complete as per drawing and Technical specifications													
	A		Stone/Boulder	Cum	3271.50	3271.50	3271.50	2953.00	2953.00	2953.00	3271.50	3271.50	3271.50	2953.00	2953.00	2953.00
	B		Cement Concrete Blocks of size 0.3x0.3 x0.3 m cast in cement concrete of Grade M15	Cum	16487.80	16333.60	16285.10	16145.90	16051.10	16021.80	15014.30	14860.10	14811.60	14672.50	14577.60	14548.40
B 16.05			Providing and laying Filter material underneath pitching in slopes complete as per drawing and Technical specification	Cum	3641.30	3641.30	3641.30	3294.40	3294.40	3294.40	3641.30	3641.30	3641.30	3294.40	3294.40	3294.40
B 16.06			Geotextile Filter													
			Laying of a geotextile filter between pitching and embankment slopes on which pitching is laid to prevent escape of the embankment material through the voids of the stone pitching/cement concrete blocks as well as to allow free movement of water without creating any uplift head on the pitching.	Sqm	445.50	445.50	445.50	432.30	432.30	432.30	428.40	428.40	428.40	415.20	415.20	415.20
B 16.07			Toe protection													
			A toe wall for toe protection can either be in dry rubble masonry in case of dry rubble pitching or pitching with stones in wire crates or it can be in PCC M15 nominal mix if cement concert block have been used for pitching . Rates for toe wall can be adopted from respective clauses depending upon approved design. The rate for excavation for foundation, dry rubble masonry and PCC M15 have been analysed and given in respective chapters.													

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 16.08			Providing and laying Flooring complete as per drawing and Technical specifications laid over cement concert bedding.													
	A		Rubble stone laid in cement mortar 1:3	Cum	10986.90	10909.20	10884.80	10257.90	10210.20	10195.50	10534.00	10456.40	10431.90	9801.40	9753.60	9738.90
	B		Cement Concrete blocks Grade M15 including 100 mm thick bedding	Cum	13680.30	13472.70	13407.40	13190.30	13062.90	13023.70	12904.40	12696.80	12631.50	12416.10	12288.80	12249.60
B 16.09			Dry Rubble Flooring													
			Construction of dry rubble flooring at cross drainage works for relatively less important works.	Cum	4261.80	4261.80	4261.80	3698.80	3698.80	3698.80	4261.80	4261.80	4261.80	3698.80	3698.80	3698.80
B 16.10			Curtain wall complete as per drawing and Technical specification													
	A		Stone masonry in cement mortar (1:3)	Cum	11490.70	11490.70	11490.70	10425.00	10425.00	10425.00	11115.50	11115.50	11115.50	10049.90	10049.90	10049.90
	B		Cement concrete Grade M15	Cum	10161.20	10007.00	9958.50	9819.30	9724.50	9695.30	9584.90	9430.70	9382.20	9243.00	9148.20	9119.00
B 16.11			Flexible Apron													
			Flexible Apron : Construction of flexible apron 1 m thick comprising of loose stone boulders weighing not less than 40 kg beyond curtain wall.	Cum	3386.70	3386.70	3386.70	3039.90	3039.90	3039.90	3386.70	3386.70	3386.70	3039.90	3039.90	3039.90
B 16.12			Gabian Structure for Retaining Earth													
			Providing and construction of a gabian structure for retaining earth with segments of wire crates of size 7 m x 3 m x 0.6 m each divided into 1.5 m compartments by cross netting, made from 4 mm galvanised steel wire @ 32 kg per 10 sqm having minimum tensile strength of 300 Mpa conforming to IS:280 and galvanizing coating conforming to IS:4826, woven into mesh with double twist, mesh size not exceeding 100 x 100 mm, filled with boulders with least dimension of 200 mm, all loose ends to be tied with 4 mm galvanised steel wire	Cum	4503.60	4503.60	4503.60	4345.10	4345.10	4345.10	4381.00	4381.00	4381.00	4222.60	4222.60	4222.60
B 16.13			Gabian Structure for Erosion Control, River Training Works and Protection works													
			Providing and constructing gabian structures for erosion control, river training works and protection works with wire crates of size 2 m x 1 m x 0.3 m each divided into 1m compartments by cross netting, made from 4 mm galvanised steel wire @ 32 kg per 10 sqm having minimum tensile strength of 300 Mpa conforming to IS:280 and galvanizing coating conforming to IS:4826, woven into mesh with double twist, mesh size not exceeding 100 mm x 100 mm, filled with boulders with least dimension of 200 mm, all loose ends to be securely tied with 4 mm galvanised steel wire.	Cum	6854.20	6854.20	6854.20	6687.80	6687.80	6687.80	6579.90	6579.90	6579.90	6413.60	6413.60	6413.60

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 16.08			Providing and laying Flooring complete as per drawing and Technical specifications laid over cement concert bedding.													
	A		Rubble stone laid in cement mortar 1:3	Cum	10986.90	10909.20	10884.80	10257.90	10210.20	10195.50	12354.60	12276.90	12252.50	11635.10	11587.30	11572.60
	B		Cement Concrete blocks Grade M15 including 100 mm thick bedding	Cum	13680.30	13472.70	13407.40	13190.30	13062.90	13023.70	16241.50	16033.80	15968.70	15745.80	15618.30	15579.10
B 16.09			Dry Rubble Flooring													
			Construction of dry rubble flooring at cross drainage works for relatively less important works.	Cum	4261.80	4261.80	4261.80	3698.80	3698.80	3698.80	4261.80	4261.80	4261.80	3698.80	3698.80	3698.80
B 16.10			Curtain wall complete as per drawing and Technical specification													
	A		Stone masonry in cement mortar (1:3)	Cum	11490.70	11490.70	11490.70	10425.00	10425.00	10425.00	12436.00	12436.00	12436.00	11370.30	11370.30	11370.30
	B		Cement concrete Grade M15	Cum	10161.20	10007.00	9958.50	9819.30	9724.50	9695.30	12063.50	11909.30	11860.90	11721.70	11626.80	11597.60
B 16.11			Flexible Apron													
			Flexible Apron : Construction of flexible apron 1 m thick comprising of loose stone boulders weighing not less than 40 kg beyond curtain wall.	Cum	3386.70	3386.70	3386.70	3039.90	3039.90	3039.90	3386.70	3386.70	3386.70	3039.90	3039.90	3039.90
B 16.12			Gabian Structure for Retaining Earth													
			Providing and construction of a gabian structure for retaining earth with segments of wire crates of size 7 m x 3 m x 0.6 m each divided into 1.5 m compartments by cross netting, made from 4 mm galvanised steel wire @ 32 kg per 10 sqm having minimum tensile strength of 300 Mpa conforming to IS:280 and galvanizing coating conforming to IS:4826, woven into mesh with double twist, mesh size not exceeding 100 x 100 mm, filled with boulders with least dimension of 200 mm, all loose ends to be tied with 4 mm galvanised steel wire	Cum	4503.60	4503.60	4503.60	4345.10	4345.10	4345.10	4626.10	4626.10	4626.10	4467.70	4467.70	4467.70
B 16.13			Gabian Structure for Erosion Control, River Training Works and Protection works													
			Providing and constructing gabian structures for erosion control, river training works and protection works with wire crates of size 2 m x 1 m x 0.3 m each divided into 1m compartments by cross netting, made from 4 mm galvanised steel wire @ 32 kg per 10 sqm having minimum tensile strength of 300 Mpa conforming to IS:280 and galvanizing coating conforming to IS:4826, woven into mesh with double twist, mesh size not exceeding 100 mm x 100 mm, filled with boulders with least dimension of 200 mm, all loose ends to be securely tied with 4 mm galvanised steel wire.	Cum	6854.20	6854.20	6854.20	6687.80	6687.80	6687.80	7128.40	7128.40	7128.40	6962.10	6962.10	6962.10

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 16.08			Providing and laying Flooring complete as per drawing and Technical specifications laid over cement concert bedding.													
	A		Rubble stone laid in cement mortar 1:3	Cum	13357.60	13280.00	13255.50	12646.40	12598.60	12583.90	13126.10	13048.50	13024.00	12413.00	12365.30	12350.50
	B		Cement Concrete blocks Grade M15 including 100 mm thick bedding	Cum	17967.60	17760.00	17694.70	17467.90	17340.40	17301.20	17569.20	17361.60	17296.30	17070.40	16943.00	16903.80
B 16.09			Dry Rubble Flooring													
			Construction of dry rubble flooring at cross drainage works for relatively less important works.	Cum	4261.80	4261.80	4261.80	3698.80	3698.80	3698.80	4261.80	4261.80	4261.80	3698.80	3698.80	3698.80
B 16.10			Curtain wall complete as per drawing and Technical specification													
	A		Stone masonry in cement mortar (1:3)	Cum	13260.60	13260.60	13260.60	12194.90	12194.90	12194.90	13070.30	13070.30	13070.30	12004.60	12004.60	12004.60
	B		Cement concrete Grade M15	Cum	13345.60	13191.40	13142.90	13003.70	12908.80	12879.60	13049.70	12895.50	12847.00	12707.80	12613.00	12583.80
B 16.11			Flexible Apron													
			Flexible Apron : Construction of flexible apron 1 m thick comprising of loose stone boulders weighing not less than 40 kg beyond curtain wall.	Cum	3386.70	3386.70	3386.70	3039.90	3039.90	3039.90	3386.70	3386.70	3386.70	3039.90	3039.90	3039.90
B 16.12			Gabian Structure for Retaining Earth													
			Providing and construction of a gabian structure for retaining earth with segments of wire crates of size 7 m x 3 m x 0.6 m each divided into 1.5 m compartments by cross netting, made from 4 mm galvanised steel wire @ 32 kg per 10 sqm having minimum tensile strength of 300 Mpa conforming to IS:280 and galvanizing coating conforming to IS:4826, woven into mesh with double twist, mesh size not exceeding 100 x 100 mm, filled with boulders with least dimension of 200 mm, all loose ends to be tied with 4 mm galvanised steel wire	Cum	4853.70	4853.70	4853.70	4695.30	4695.30	4695.30	4801.20	4801.20	4801.20	4642.80	4642.80	4642.80
B 16.13			Gabian Structure for Erosion Control, River Training Works and Protection works													
			Providing and constructing gabian structures for erosion control, river training works and protection works with wire crates of size 2 m x 1 m x 0.3 m each divided into 1m compartments by cross netting, made from 4 mm galvanised steel wire @ 32 kg per 10 sqm having minimum tensile strength of 300 Mpa conforming to IS:280 and galvanizing coating conforming to IS:4826, woven into mesh with double twist, mesh size not exceeding 100 mm x 100 mm, filled with boulders with least dimension of 200 mm, all loose ends to be securely tied with 4 mm galvanised steel wire.	Cum	7637.70	7637.70	7637.70	7471.40	7471.40	7471.40	7520.20	7520.20	7520.20	7353.80	7353.80	7353.80

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 16.08			Providing and laying Flooring complete as per drawing and Technical specifications laid over cement concert bedding.													
	A		Rubble stone laid in cement mortar 1:3	Cum	11508.00	11430.40	11406.00	10781.60	10733.80	10719.10	13742.00	13664.30	13639.90	13033.90	12986.10	12971.40
	B		Cement Concrete blocks Grade M15 including 100 mm thick bedding	Cum	14786.20	14578.60	14513.40	14293.80	14166.30	14127.10	18628.00	18420.40	18355.10	18126.80	17999.30	17960.10
B 16.09			Dry Rubble Flooring													
			Construction of dry rubble flooring at cross drainage works for relatively less important works.	Cum	4261.80	4261.80	4261.80	3698.80	3698.80	3698.80	4261.80	4261.80	4261.80	3698.80	3698.80	3698.80
B 16.10			Curtain wall complete as per drawing and Technical specification													
	A		Stone masonry in cement mortar (1:3)	Cum	11738.70	11738.70	11738.70	10673.00	10673.00	10673.00	13577.40	13577.40	13577.40	12511.70	12511.70	12511.70
	B		Cement concrete Grade M15	Cum	10982.60	10828.40	10780.00	10640.80	10545.90	10516.70	13836.10	13681.90	13633.40	13494.20	13399.30	13370.10
B 16.11			Flexible Apron													
			Flexible Apron : Construction of flexible apron 1 m thick comprising of loose stone boulders weighing not less than 40 kg beyond curtain wall.	Cum	3386.70	3386.70	3386.70	3039.90	3039.90	3039.90	3386.70	3386.70	3386.70	3039.90	3039.90	3039.90
B 16.12			Gabian Structure for Retaining Earth													
			Providing and construction of a gabian structure for retaining earth with segments of wire crates of size 7 m x 3 m x 0.6 m each divided into 1.5 m compartments by cross netting, made from 4 mm galvanised steel wire @ 32 kg per 10 sqm having minimum tensile strength of 300 Mpa conforming to IS:280 and galvanizing coating conforming to IS:4826, woven into mesh with double twist, mesh size not exceeding 100 x 100 mm, filled with boulders with least dimension of 200 mm, all loose ends to be tied with 4 mm galvanised steel wire	Cum	4538.60	4538.60	4538.60	4380.20	4380.20	4380.20	4871.20	4871.20	4871.20	4712.80	4712.80	4712.80
B 16.13			Gabian Structure for Erosion Control, River Training Works and Protection works													
			Providing and constructing gabian structures for erosion control, river training works and protection works with wire crates of size 2 m x 1 m x 0.3 m each divided into 1m compartments by cross netting, made from 4 mm galvanised steel wire @ 32 kg per 10 sqm having minimum tensile strength of 300 Mpa conforming to IS:280 and galvanizing coating conforming to IS:4826, woven into mesh with double twist, mesh size not exceeding 100 mm x 100 mm, filled with boulders with least dimension of 200 mm, all loose ends to be securely tied with 4 mm galvanised steel wire.	Cum	6932.50	6932.50	6932.50	6766.20	6766.20	6766.20	7676.90	7676.90	7676.90	7510.50	7510.50	7510.50

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 16.08			Providing and laying Flooring complete as per drawing and Technical specifications laid over cement concert bedding.													
	A		Rubble stone laid in cement mortar 1:3	Cum	11969.20	11891.50	11867.10	11246.60	11198.80	11184.10	12356.40	12278.70	12254.30	11636.90	11589.10	11574.40
	B		Cement Concrete blocks Grade M15 including 100 mm thick bedding	Cum	15578.50	15370.90	15305.60	15084.30	14956.80	14917.60	16245.90	16038.30	15973.00	15750.10	15622.60	15583.40
B 16.09			Dry Rubble Flooring													
			Construction of dry rubble flooring at cross drainage works for relatively less important works.	Cum	4261.80	4261.80	4261.80	3698.80	3698.80	3698.80	4261.80	4261.80	4261.80	3698.80	3698.80	3698.80
B 16.10			Curtain wall complete as per drawing and Technical specification													
	A		Stone masonry in cement mortar (1:3)	Cum	12118.90	12118.90	12118.90	11053.20	11053.20	11053.20	12436.40	12436.40	12436.40	11370.70	11370.70	11370.70
	B		Cement concrete Grade M15	Cum	11571.10	11416.90	11368.40	11229.30	11134.40	11105.20	12066.80	11912.60	11864.10	11724.90	11630.00	11600.80
B 16.11			Flexible Apron													
			Flexible Apron : Construction of flexible apron 1 m thick comprising of loose stone boulders weighing not less than 40 kg beyond curtain wall.	Cum	3386.70	3386.70	3386.70	3039.90	3039.90	3039.90	3386.70	3386.70	3386.70	3039.90	3039.90	3039.90
B 16.12			Gabian Structure for Retaining Earth													
			Providing and construction of a gabian structure for retaining earth with segments of wire crates of size 7 m x 3 m x 0.6 m each divided into 1.5 m compartments by cross netting, made from 4 mm galvanised steel wire @ 32 kg per 10 sqm having minimum tensile strength of 300 Mpa conforming to IS:280 and galvanizing coating conforming to IS:4826, woven into mesh with double twist, mesh size not exceeding 100 x 100 mm, filled with boulders with least dimension of 200 mm, all loose ends to be tied with 4 mm galvanised steel wire	Cum	4556.10	4556.10	4556.10	4397.70	4397.70	4397.70	4713.70	4713.70	4713.70	4555.20	4555.20	4555.20
B 16.13			Gabian Structure for Erosion Control, River Training Works and Protection works													
			Providing and constructing gabian structures for erosion control, river training works and protection works with wire crates of size 2 m x 1 m x 0.3 m each divided into 1m compartments by cross netting, made from 4 mm galvanised steel wire @ 32 kg per 10 sqm having minimum tensile strength of 300 Mpa conforming to IS:280 and galvanizing coating conforming to IS:4826, woven into mesh with double twist, mesh size not exceeding 100 mm x 100 mm, filled with boulders with least dimension of 200 mm, all loose ends to be securely tied with 4 mm galvanised steel wire.	Cum	6971.70	6971.70	6971.70	6805.30	6805.30	6805.30	7324.30	7324.30	7324.30	7157.90	7157.90	7157.90

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 16.08			Providing and laying Flooring complete as per drawing and Technical specifications laid over cement concert bedding.													
	A		Rubble stone laid in cement mortar 1:3	Cum	15819.10	15741.40	15717.00	15128.10	15080.40	15065.60	14664.90	14587.30	14562.80	13964.50	13916.70	13902.00
	B		Cement Concrete blocks Grade M15 including 100 mm thick bedding	Cum	22198.00	21990.40	21925.10	21688.80	21561.40	21522.10	20214.20	20006.60	19941.30	19709.60	19582.10	19542.90
B 16.09			Dry Rubble Flooring													
			Construction of dry rubble flooring at cross drainage works for relatively less important works.	Cum	4261.80	4261.80	4261.80	3698.80	3698.80	3698.80	4261.80	4261.80	4261.80	3698.80	3698.80	3698.80
B 16.10			Curtain wall complete as per drawing and Technical specification													
	A		Stone masonry in cement mortar (1:3)	Cum	15288.80	15288.80	15288.80	14223.10	14223.10	14223.10	14338.00	14338.00	14338.00	13272.30	13272.30	13272.30
	B		Cement concrete Grade M15	Cum	16487.80	16333.60	16285.10	16145.90	16051.10	16021.80	15014.30	14860.10	14811.60	14672.50	14577.60	14548.40
B 16.11			Flexible Apron													
			Flexible Apron : Construction of flexible apron 1 m thick comprising of loose stone boulders weighing not less than 40 kg beyond curtain wall.	Cum	3386.70	3386.70	3386.70	3039.90	3039.90	3039.90	3386.70	3386.70	3386.70	3039.90	3039.90	3039.90
B 16.12			Gabian Structure for Retaining Earth													
			Providing and construction of a gabian structure for retaining earth with segments of wire crates of size 7 m x 3 m x 0.6 m each divided into 1.5 m compartments by cross netting, made from 4 mm galvanised steel wire @ 32 kg per 10 sqm having minimum tensile strength of 300 Mpa conforming to IS:280 and galvanizing coating conforming to IS:4826, woven into mesh with double twist, mesh size not exceeding 100 x 100 mm, filled with boulders with least dimension of 200 mm, all loose ends to be tied with 4 mm galvanised steel wire	Cum	5046.30	5046.30	5046.30	4887.90	4887.90	4887.90	4941.30	4941.30	4941.30	4782.80	4782.80	4782.80
B 16.13			Gabian Structure for Erosion Control, River Training Works and Protection works													
			Providing and constructing gabian structures for erosion control, river training works and protection works with wire crates of size 2 m x 1 m x 0.3 m each divided into 1m compartments by cross netting, made from 4 mm galvanised steel wire @ 32 kg per 10 sqm having minimum tensile strength of 300 Mpa conforming to IS:280 and galvanizing coating conforming to IS:4826, woven into mesh with double twist, mesh size not exceeding 100 mm x 100 mm, filled with boulders with least dimension of 200 mm, all loose ends to be securely tied with 4 mm galvanised steel wire.	Cum	8068.70	8068.70	8068.70	7902.30	7902.30	7902.30	7833.60	7833.60	7833.60	7667.30	7667.30	7667.30

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 16.14			Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012, MORT&H Clause 2500, of required size, Mesh Type 10x12 (D=100 mm with tolerance of ± 2%) Zinc coated, Mesh wire diameter 3.0 mm, mechanically edged/selvedged with partitions at every 1m interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2 mm, supplied @3% by weight of Gabion boxes, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per direction of Engineer-in-charge.	Cum	3657.30	3657.30	3657.30	3388.20	3388.20	3388.20	3607.60	3607.60	3607.60	3338.40	3338.40	3338.40
B 16.15			Embankment Erosion Protection using Fine Aggregate Concrete Filled Fabric Form Mattress system													
			Laying of fine aggregate concrete grade M30 filled fabric form for erosion protection of embankments	Sqm	369.60	366.60	365.80	381.00	379.50	379.00	350.00	347.00	346.30	361.50	359.90	359.50

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 16.14			Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012, MORT&H Clause 2500, of required size, Mesh Type 10x12 (D=100 mm with tolerance of ± 2%) Zinc coated, Mesh wire diameter 3.0 mm, mechanically edged/selvedged with partitions at every 1m interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2 mm, supplied @3% by weight of Gabion boxes, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per direction of Engineer-in-charge.	Cum	3657.30	3657.30	3657.30	3388.20	3388.20	3388.20	3707.10	3707.10	3707.10	3437.90	3437.90	3437.90
B 16.15			Embankment Erosion Protection using Fine Aggregate Concrete Filled Fabric Form Mattress system													
			Laying of fine aggregate concrete grade M30 filled fabric form for erosion protection of embankments	Sqm	369.60	366.60	365.80	381.00	379.50	379.00	411.20	408.20	407.40	422.60	421.10	420.60

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 16.14			Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012, MORT&H Clause 2500, of required size, Mesh Type 10x12 (D=100 mm with tolerance of ± 2%) Zinc coated, Mesh wire diameter 3.0 mm, mechanically edged/selvedged with partitions at every 1m interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2 mm, supplied @3% by weight of Gabion boxes, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per direction of Engineer-in-charge.	Cum	3799.40	3799.40	3799.40	3530.20	3530.20	3530.20	3778.10	3778.10	3778.10	3508.90	3508.90	3508.90
B 16.15			Embankment Erosion Protection using Fine Aggregate Concrete Filled Fabric Form Mattress system													
			Laying of fine aggregate concrete grade M30 filled fabric form for erosion protection of embankments	Sqm	451.90	448.90	448.20	463.30	461.80	461.30	442.50	439.50	438.80	453.90	452.40	452.00

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 16.14			Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012, MORT&H Clause 2500, of required size, Mesh Type 10x12 (D=100 mm with tolerance of ± 2%) Zinc coated, Mesh wire diameter 3.0 mm, mechanically edged/selvedged with partitions at every 1m interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2 mm, supplied @3% by weight of Gabion boxes, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per direction of Engineer-in-charge.	Cum	3671.50	3671.50	3671.50	3402.40	3402.40	3402.40	3806.50	3806.50	3806.50	3537.30	3537.30	3537.30
B 16.15			Embankment Erosion Protection using Fine Aggregate Concrete Filled Fabric Form Mattress system													
			Laying of fine aggregate concrete grade M30 filled fabric form for erosion protection of embankments	Sqm	384.50	381.60	380.80	396.00	394.50	394.00	462.30	459.40	458.60	473.80	472.30	471.80

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 16.14			Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012, MORT&H Clause 2500, of required size, Mesh Type 10x12 (D=100 mm with tolerance of ± 2%) Zinc coated, Mesh wire diameter 3.0 mm, mechanically edged/selvedged with partitions at every 1m interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2 mm, supplied @3% by weight of Gabion boxes, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per direction of Engineer-in-charge.	Cum	3678.60	3678.60	3678.60	3409.50	3409.50	3409.50	3742.60	3742.60	3742.60	3473.40	3473.40	3473.40
B 16.15			Embankment Erosion Protection using Fine Aggregate Concrete Filled Fabric Form Mattress system													
			Laying of fine aggregate concrete grade M30 filled fabric form for erosion protection of embankments	Sqm	396.80	393.80	393.10	408.30	406.70	406.30	417.70	414.70	413.90	429.10	427.60	427.10

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 16.14			Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012, MORT&H Clause 2500, of required size, Mesh Type 10x12 (D=100 mm with tolerance of ± 2%) Zinc coated, Mesh wire diameter 3.0 mm, mechanically edged/selvedged with partitions at every 1m interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2 mm, supplied @3% by weight of Gabion boxes, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per direction of Engineer-in-charge.	Cum	3877.50	3877.50	3877.50	3608.40	3608.40	3608.40	3834.90	3834.90	3834.90	3565.80	3565.80	3565.80
B 16.15			Embankment Erosion Protection using Fine Aggregate Concrete Filled Fabric Form Mattress system													
			Laying of fine aggregate concrete grade M30 filled fabric form for erosion protection of embankments	Sqm	524.80	521.80	521.00	536.20	534.70	534.20	489.50	486.50	485.80	501.00	499.40	499.00

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			17 : REPAIR AND REHABILITATION													
B 17.01			Removal of existing cement concrete wearing coat including its disposal complete as per Technical Specification without causing any detrimental effect to any part of the bridge structure and removal of dismantled material with all lifts and lead upto 1000 m	Sqm	132.60	132.60	132.60	117.00	117.00	117.00	132.60	132.60	132.60	117.00	117.00	117.00
B 17.02			Removal of existing asphaltic wearing coat comprising of 50 mm thick asphaltic concert laid over 12 mm thick mastic asphalt including disposal with all lift and lead upto 1000 m.	Sqm	100.20	100.20	100.20	87.90	87.90	87.90	100.20	100.20	100.20	87.90	87.90	87.90
B 17.02			Guniting concrete surface with cement mortar applied with compressor after cleaning surface and spraying with epoxy complete as per Technical Specification	Sqm	195587.80	195587.80	195587.80	195533.60	195533.60	195533.60	185154.30	185154.30	185154.30	185100.10	185100.10	185100.10
B 17.04			Providing and inserting nipples with approved fixing compound after drilling holes for grouting as per Technical Specifications including subsequent cutting/removal and sealing of the hole as necessary of nipples after completion of grouting with Cement/Epoxy	nos	344.90	344.90	344.90	273.30	273.30	273.30	341.20	341.20	341.20	269.60	269.60	269.60
B 17.05			Sealing of cracks/porous concrete by injection process through nipples/Grouting complete as per Technical Specification.													
	A		Cement Grout	Kg	17208.10	17208.10	17208.10	14748.80	14748.80	14748.80	16434.00	16434.00	16434.00	13974.70	13974.70	13974.70
	B		Cement Mortar (1:1) Grouting	Kg	12287.70	12287.70	12287.70	11217.50	11217.50	11217.50	11336.20	11336.20	11336.20	10266.00	10266.00	10266.00
B 17.06			Patching of damaged concrete surface with polymer concrete and curing compounds, initiator and promoter, available in present formulations, to be applied as per instructions of manufacturer and as approved by the Engineer.	Sqm	25230.30	25230.30	25230.30	25180.70	25180.70	25180.70	23594.50	23594.50	23594.50	23544.90	23544.90	23544.90
B 17.07			Sealing of crack / porous concrete with Epoxy Grout by injection through nipples complete as per clause 2803.1.	Kg	1577.50	1577.50	1577.50	1511.20	1511.20	1511.20	1491.80	1491.80	1491.80	1425.60	1425.60	1425.60
B 17.08			Applying epoxy mortar over leached, honey combed and spalled concrete surface and exposed steel reinforcement complete as per Technical Specification	Sqm	590.40	590.40	590.40	557.40	557.40	557.40	560.40	560.40	560.40	527.50	527.50	527.50
B 17.09			Removal of defective concrete, cleaning the surface thoroughly, applying the shotcrete mixture mechanically with compressed air under pressure, comprising of cement, sand, coarse aggregates, water and quick setting compound in the proportion as per clause 2807.1., sand and coarse aggregates conforming to IS: 383 and table 1 of IS: 9012 respectively, water cement ratio ranging from 0.35 to 0.50, density of gunite not less than 2000 kg/cum, strength not less than 25 Mpa and workmanship conforming to clause 2807.6.	Sqm	145839.30	145839.30	145839.30	145806.30	145806.30	145806.30	138082.70	138082.70	138082.70	138049.70	138049.70	138049.70

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			17 : REPAIR AND REHABILITATION													
B 17.01			Removal of existing cement concrete wearing coat including its disposal complete as per Technical Specification without causing any detrimental effect to any part of the bridge structure and removal of dismantled material with all lifts and lead upto 1000 m	Sqm	132.60	132.60	132.60	117.00	117.00	117.00	132.60	132.60	132.60	117.00	117.00	117.00
B 17.02			Removal of existing asphaltic wearing coat comprising of 50 mm thick asphaltic concert laid over 12 mm thick mastic asphalt including disposal with all lift and lead upto 1000 m.	Sqm	100.20	100.20	100.20	87.90	87.90	87.90	100.20	100.20	100.20	87.90	87.90	87.90
B 17.02			Guniting concrete surface with cement mortar applied with compressor after cleaning surface and spraying with epoxy complete as per Technical Specification	Sqm	195587.80	195587.80	195587.80	195533.60	195533.60	195533.60	230066.60	230066.60	230066.60	230012.40	230012.40	230012.40
B 17.04			Providing and inserting nipples with approved fixing compound after drilling holes for grouting as per Technical Specifications including subsequent cutting/removal and sealing of the hole as necessary of nipples after completion of grouting with Cement/Epoxy	nos	344.90	344.90	344.90	273.30	273.30	273.30	348.50	348.50	348.50	276.90	276.90	276.90
B 17.05			Sealing of cracks/porous concrete by injection process through nipples/Grouting complete as per Technical Specification.													
	A		Cement Grout	Kg	17208.10	17208.10	17208.10	14748.80	14748.80	14748.80	19781.90	19781.90	19781.90	17322.60	17322.60	17322.60
	B		Cement Mortar (1:1) Grouting	Kg	12287.70	12287.70	12287.70	11217.50	11217.50	11217.50	14885.30	14885.30	14885.30	13815.10	13815.10	13815.10
B 17.06			Patching of damaged concrete surface with polymer concrete and curing compounds, initiator and promoter, available in present formulations, to be applied as per instructions of manufacturer and as approved by the Engineer.	Sqm	25230.30	25230.30	25230.30	25180.70	25180.70	25180.70	26866.00	26866.00	26866.00	26816.40	26816.40	26816.40
B 17.07			Sealing of crack / porous concrete with Epoxy Grout by injection through nipples complete as per clause 2803.1.	Kg	1577.50	1577.50	1577.50	1511.20	1511.20	1511.20	1663.20	1663.20	1663.20	1596.90	1596.90	1596.90
B 17.08			Applying epoxy mortar over leached, honey combed and spalled concrete surface and exposed steel reinforcement complete as per Technical Specification	Sqm	590.40	590.40	590.40	557.40	557.40	557.40	620.30	620.30	620.30	587.30	587.30	587.30
B 17.09			Removal of defective concrete, cleaning the surface thoroughly, applying the shotcrete mixture mechanically with compressed air under pressure, comprising of cement, sand, coarse aggregates, water and quick setting compound in the proportion as per clause 2807.1., sand and coarse aggregates conforming to IS: 383 and table 1 of IS: 9012 respectively, water cement ratio ranging from 0.35 to 0.50, density of gunite not less than 2000 kg/cum, strength not less than 25 Mpa and workmanship conforming to clause 2807.6.	Sqm	145839.30	145839.30	145839.30	145806.30	145806.30	145806.30	171618.80	171618.80	171618.80	171585.90	171585.90	171585.90

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			17 : REPAIR AND REHABILITATION													
B 17.01			Removal of existing cement concrete wearing coat including its disposal complete as per Technical Specification without causing any detrimental effect to any part of the bridge structure and removal of dismantled material with all lifts and lead upto 1000 m	Sqm	132.60	132.60	132.60	117.00	117.00	117.00	132.60	132.60	132.60	117.00	117.00	117.00
B 17.02			Removal of existing asphaltic wearing coat comprising of 50 mm thick asphaltic concert laid over 12 mm thick mastic asphalt including disposal with all lift and lead upto 1000 m.	Sqm	100.20	100.20	100.20	87.90	87.90	87.90	100.20	100.20	100.20	87.90	87.90	87.90
B 17.02			Guniting concrete surface with cement mortar applied with compressor after cleaning surface and spraying with epoxy complete as per Technical Specification	Sqm	257118.40	257118.40	257118.40	257064.20	257064.20	257064.20	250875.70	250875.70	250875.70	250821.50	250821.50	250821.50
B 17.04			Providing and inserting nipples with approved fixing compound after drilling holes for grouting as per Technical Specifications including subsequent cutting/removal and sealing of the hole as necessary of nipples after completion of grouting with Cement/Epoxy	nos	355.30	355.30	355.30	283.70	283.70	283.70	353.70	353.70	353.70	282.10	282.10	282.10
B 17.05			Sealing of cracks/porous concrete by injection process through nipples/Grouting complete as per Technical Specification.													
	A		Cement Grout	Kg	21794.50	21794.50	21794.50	19335.20	19335.20	19335.20	21330.10	21330.10	21330.10	18870.80	18870.80	18870.80
	B		Cement Mortar (1:1) Grouting	Kg	17076.10	17076.10	17076.10	16005.90	16005.90	16005.90	16570.50	16570.50	16570.50	15500.30	15500.30	15500.30
B 17.06			Patching of damaged concrete surface with polymer concrete and curing compounds, initiator and promoter, available in present formulations, to be applied as per instructions of manufacturer and as approved by the Engineer.	Sqm	29903.80	29903.80	29903.80	29854.20	29854.20	29854.20	29202.80	29202.80	29202.80	29153.10	29153.10	29153.10
B 17.07			Sealing of crack / porous concrete with Epoxy Grout by injection through nipples complete as per clause 2803.1.	Kg	1822.30	1822.30	1822.30	1756.00	1756.00	1756.00	1785.60	1785.60	1785.60	1719.30	1719.30	1719.30
B 17.08			Applying epoxy mortar over leached, honey combed and spalled concrete surface and exposed steel reinforcement complete as per Technical Specification	Sqm	675.90	675.90	675.90	642.90	642.90	642.90	663.00	663.00	663.00	630.10	630.10	630.10
B 17.09			Removal of defective concrete, cleaning the surface thoroughly, applying the shotcrete mixture mechanically with compressed air under pressure, comprising of cement, sand, coarse aggregates, water and quick setting compound in the proportion as per clause 2807.1., sand and coarse aggregates conforming to IS: 383 and table 1 of IS: 9012 respectively, water cement ratio ranging from 0.35 to 0.50, density of gunite not less than 2000 kg/cum, strength not less than 25 Mpa and workmanship conforming to clause 2807.6.	Sqm	191777.20	191777.20	191777.20	191744.20	191744.20	191744.20	187125.30	187125.30	187125.30	187092.30	187092.30	187092.30

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			17 : REPAIR AND REHABILITATION													
B 17.01			Removal of existing cement concrete wearing coat including its disposal complete as per Technical Specification without causing any detrimental effect to any part of the bridge structure and removal of dismantled material with all lifts and lead upto 1000 m	Sqm	132.60	132.60	132.60	117.00	117.00	117.00	132.60	132.60	132.60	117.00	117.00	117.00
B 17.02			Removal of existing asphaltic wearing coat comprising of 50 mm thick asphaltic concert laid over 12 mm thick mastic asphalt including disposal with all lift and lead upto 1000 m.	Sqm	100.20	100.20	100.20	87.90	87.90	87.90	100.20	100.20	100.20	87.90	87.90	87.90
B 17.02			Guniting concrete surface with cement mortar applied with compressor after cleaning surface and spraying with epoxy complete as per Technical Specification	Sqm	207239.80	207239.80	207239.80	207185.70	207185.70	207185.70	267480.80	267480.80	267480.80	267426.60	267426.60	267426.60
B 17.04			Providing and inserting nipples with approved fixing compound after drilling holes for grouting as per Technical Specifications including subsequent cutting/removal and sealing of the hole as necessary of nipples after completion of grouting with Cement/Epoxy	nos	345.90	345.90	345.90	274.30	274.30	274.30	355.80	355.80	355.80	284.20	284.20	284.20
B 17.05			Sealing of cracks/porous concrete by injection process through nipples/Grouting complete as per Technical Specification.													
	A		Cement Grout	Kg	18079.00	18079.00	18079.00	15619.60	15619.60	15619.60	22568.60	22568.60	22568.60	20109.30	20109.30	20109.30
	B		Cement Mortar (1:1) Grouting	Kg	13031.50	13031.50	13031.50	11961.30	11961.30	11961.30	17918.70	17918.70	17918.70	16848.50	16848.50	16848.50
B 17.06			Patching of damaged concrete surface with polymer concrete and curing compounds, initiator and promoter, available in present formulations, to be applied as per instructions of manufacturer and as approved by the Engineer.	Sqm	25697.60	25697.60	25697.60	25648.00	25648.00	25648.00	30137.50	30137.50	30137.50	30087.90	30087.90	30087.90
B 17.07			Sealing of crack / porous concrete with Epoxy Grout by injection through nipples complete as per clause 2803.1.	Kg	1602.00	1602.00	1602.00	1535.70	1535.70	1535.70	1834.60	1834.60	1834.60	1768.30	1768.30	1768.30
B 17.08			Applying epoxy mortar over leached, honey combed and spalled concrete surface and exposed steel reinforcement complete as per Technical Specification	Sqm	598.90	598.90	598.90	565.90	565.90	565.90	680.10	680.10	680.10	647.20	647.20	647.20
B 17.09			Removal of defective concrete, cleaning the surface thoroughly, applying the shotcrete mixture mechanically with compressed air under pressure, comprising of cement, sand, coarse aggregates, water and quick setting compound in the proportion as per clause 2807.1., sand and coarse aggregates conforming to IS: 383 and table 1 of IS: 9012 respectively, water cement ratio ranging from 0.35 to 0.50, density of gunite not less than 2000 kg/cum, strength not less than 25 Mpa and workmanship conforming to clause 2807.6.	Sqm	154562.80	154562.80	154562.80	154529.80	154529.80	154529.80	199529.70	199529.70	199529.70	199496.70	199496.70	199496.70

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			17 : REPAIR AND REHABILITATION													
B 17.01			Removal of existing cement concrete wearing coat including its disposal complete as per Technical Specification without causing any detrimental effect to any part of the bridge structure and removal of dismantled material with all lifts and lead upto 1000 m	Sqm	132.60	132.60	132.60	117.00	117.00	117.00	132.60	132.60	132.60	117.00	117.00	117.00
B 17.02			Removal of existing asphaltic wearing coat comprising of 50 mm thick asphaltic concert laid over 12 mm thick mastic asphalt including disposal with all lift and lead upto 1000 m.	Sqm	100.20	100.20	100.20	87.90	87.90	87.90	100.20	100.20	100.20	87.90	87.90	87.90
B 17.02			Guniting concrete surface with cement mortar applied with compressor after cleaning surface and spraying with epoxy complete as per Technical Specification	Sqm	219672.60	219672.60	219672.60	219618.40	219618.40	219618.40	230119.30	230119.30	230119.30	230065.10	230065.10	230065.10
B 17.04			Providing and inserting nipples with approved fixing compound after drilling holes for grouting as per Technical Specifications including subsequent cutting/removal and sealing of the hole as necessary of nipples after completion of grouting with Cement/Epoxy	nos	346.40	346.40	346.40	274.80	274.80	274.80	351.10	351.10	351.10	279.50	279.50	279.50
B 17.05			Sealing of cracks/porous concrete by injection process through nipples/Grouting complete as per Technical Specification.													
	A		Cement Grout	Kg	19007.90	19007.90	19007.90	16548.50	16548.50	16548.50	19781.90	19781.90	19781.90	17322.60	17322.60	17322.60
	B		Cement Mortar (1:1) Grouting	Kg	14042.60	14042.60	14042.60	12972.50	12972.50	12972.50	14885.30	14885.30	14885.30	13815.10	13815.10	13815.10
B 17.06			Patching of damaged concrete surface with polymer concrete and curing compounds, initiator and promoter, available in present formulations, to be applied as per instructions of manufacturer and as approved by the Engineer.	Sqm	25931.30	25931.30	25931.30	25881.70	25881.70	25881.70	28034.40	28034.40	28034.40	27984.80	27984.80	27984.80
B 17.07			Sealing of crack / porous concrete with Epoxy Grout by injection through nipples complete as per clause 2803.1.	Kg	1614.20	1614.20	1614.20	1548.00	1548.00	1548.00	1724.40	1724.40	1724.40	1658.10	1658.10	1658.10
B 17.08			Applying epoxy mortar over leached, honey combed and spalled concrete surface and exposed steel reinforcement complete as per Technical Specification	Sqm	603.20	603.20	603.20	570.20	570.20	570.20	641.70	641.70	641.70	608.70	608.70	608.70
B 17.09			Removal of defective concrete, cleaning the surface thoroughly, applying the shotcrete mixture mechanically with compressed air under pressure, comprising of cement, sand, coarse aggregates, water and quick setting compound in the proportion as per clause 2807.1., sand and coarse aggregates conforming to IS: 383 and table 1 of IS: 9012 respectively, water cement ratio ranging from 0.35 to 0.50, density of gunite not less than 2000 kg/cum, strength not less than 25 Mpa and workmanship conforming to clause 2807.6.	Sqm	163865.80	163865.80	163865.80	163832.80	163832.80	163832.80	171619.70	171619.70	171619.70	171586.70	171586.70	171586.70

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			17 : REPAIR AND REHABILITATION													
B 17.01			Removal of existing cement concrete wearing coat including its disposal complete as per Technical Specification without causing any detrimental effect to any part of the bridge structure and removal of dismantled material with all lifts and lead upto 1000 m	Sqm	132.60	132.60	132.60	117.00	117.00	117.00	132.60	132.60	132.60	117.00	117.00	117.00
B 17.02			Removal of existing asphaltic wearing coat comprising of 50 mm thick asphaltic concert laid over 12 mm thick mastic asphalt including disposal with all lift and lead upto 1000 m.	Sqm	100.20	100.20	100.20	87.90	87.90	87.90	100.20	100.20	100.20	87.90	87.90	87.90
B 17.02			Guniting concrete surface with cement mortar applied with compressor after cleaning surface and spraying with epoxy complete as per Technical Specification	Sqm	323486.10	323486.10	323486.10	323431.90	323431.90	323431.90	292367.30	292367.30	292367.30	292313.20	292313.20	292313.20
B 17.04			Providing and inserting nipples with approved fixing compound after drilling holes for grouting as per Technical Specifications including subsequent cutting/removal and sealing of the hole as necessary of nipples after completion of grouting with Cement/Epoxy	nos	361.00	361.00	361.00	289.40	289.40	289.40	357.90	357.90	357.90	286.30	286.30	286.30
B 17.05			Sealing of cracks/porous concrete by injection process through nipples/Grouting complete as per Technical Specification.													
	A		Cement Grout	Kg	26748.70	26748.70	26748.70	24289.30	24289.30	24289.30	24426.40	24426.40	24426.40	21967.10	21967.10	21967.10
	B		Cement Mortar (1:1) Grouting	Kg	22468.80	22468.80	22468.80	21398.70	21398.70	21398.70	19941.00	19941.00	19941.00	18870.80	18870.80	18870.80
B 17.06			Patching of damaged concrete surface with polymer concrete and curing compounds, initiator and promoter, available in present formulations, to be applied as per instructions of manufacturer and as approved by the Engineer.	Sqm	32474.20	32474.20	32474.20	32424.60	32424.60	32424.60	31072.20	31072.20	31072.20	31022.60	31022.60	31022.60
B 17.07			Sealing of crack / porous concrete with Epoxy Grout by injection through nipples complete as per clause 2803.1.	Kg	1957.00	1957.00	1957.00	1890.70	1890.70	1890.70	1883.50	1883.50	1883.50	1817.20	1817.20	1817.20
B 17.08			Applying epoxy mortar over leached, honey combed and spalled concrete surface and exposed steel reinforcement complete as per Technical Specification	Sqm	722.90	722.90	722.90	689.90	689.90	689.90	697.20	697.20	697.20	664.30	664.30	664.30
B 17.09			Removal of defective concrete, cleaning the surface thoroughly, applying the shotcrete mixture mechanically with compressed air under pressure, comprising of cement, sand, coarse aggregates, water and quick setting compound in the proportion as per clause 2807.1., sand and coarse aggregates conforming to IS: 383 and table 1 of IS: 9012 respectively, water cement ratio ranging from 0.35 to 0.50, density of gunite not less than 2000 kg/cum, strength not less than 25 Mpa and workmanship conforming to clause 2807.6.	Sqm	241394.10	241394.10	241394.10	241361.10	241361.10	241361.10	218136.00	218136.00	218136.00	218103.00	218103.00	218103.00

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 17.10			Applying pre-packed cement based polymer mortar of strength 45 Mpa at 28 days for replacement of spalled concrete	Sqm	1098.00	1098.00	1098.00	1065.00	1065.00	1065.00	1034.80	1034.80	1034.80	1001.90	1001.90	1001.90
B 17.11			Eproxy bonding of new concrete to old concrete	Sqm	529.80	529.80	529.80	496.90	496.90	496.90	503.90	503.90	503.90	470.90	470.90	470.90
B 17.12			Providing external prestressing with high tensile steel wires/strands including drilling for passage of prestessing steel, all accessories for stressing and stressing operation and grouting complete as per drawing and Technical Specification	MT	5121235.50	5121235.50	5121235.50	5114086.10	5114086.10	5114086.10	4859005.40	4859005.40	4859005.40	4851856.00	4851856.00	4851856.00
B 17.13			Providing external prestressing with high tensile steel wires/strands including drilling for passage of prestessing steel, all accessories for stressing and stressing operation and grouting complete as per drawing and Technical Specification	MT	276078.10	276078.10	276078.10	270193.20	270193.20	270193.20	272089.50	272089.50	272089.50	266204.60	266204.60	266204.60
B 17.14			Providing external prestressing with high tensile steel wires/strands including drilling for passage of prestessing steel, all accessories for stressing and stressing operation and grouting complete as per drawing and Technical Specification	MT	390029.10	390029.10	390029.10	384235.20	384235.20	384235.20	386270.80	386270.80	386270.80	380476.90	380476.90	380476.90
B 17.15			Replacement of Bearings complete as per Technical Specification													
			Lifting of super structure span by jacking up from below i.e by placing the jacks on pier/abutment caps for span length of 30m	Nos	23747.60	23747.60	23747.60	20985.90	20985.90	20985.90	22696.10	22696.10	22696.10	19934.40	19934.40	19934.40

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 17.10			Applying pre-packed cement based polymer mortar of strength 45 Mpa at 28 days for replacement of spalled concrete	Sqm	1098.00	1098.00	1098.00	1065.00	1065.00	1065.00	1161.10	1161.10	1161.10	1128.10	1128.10	1128.10
B 17.11			Eproxy bonding of new concrete to old concrete	Sqm	529.80	529.80	529.80	496.90	496.90	496.90	555.80	555.80	555.80	522.80	522.80	522.80
B 17.12			Providing external prestressing with high tensile steel wires/strands including drilling for passage of prestessing steel, all accessories for stressing and stressing operation and grouting complete as per drawing and Technical Specification	MT	5121235.50	5121235.50	5121235.50	5114086.10	5114086.10	5114086.10	5986156.80	5986156.80	5986156.80	5979007.30	5979007.30	5979007.30
B 17.13			Providing external prestressing with high tensile steel wires/strands including drilling for passage of prestessing steel, all accessories for stressing and stressing operation and grouting complete as per drawing and Technical Specification	MT	276078.10	276078.10	276078.10	270193.20	270193.20	270193.20	283543.50	283543.50	283543.50	277658.50	277658.50	277658.50
B 17.14			Providing external prestressing with high tensile steel wires/strands including drilling for passage of prestessing steel, all accessories for stressing and stressing operation and grouting complete as per drawing and Technical Specification	MT	390029.10	390029.10	390029.10	384235.20	384235.20	384235.20	397130.70	397130.70	397130.70	391336.80	391336.80	391336.80
B 17.15			Replacement of Bearings complete as per Technical Specification													
			Lifting of super structure span by jacking up from below i.e by placing the jacks on pier/abutment caps for span length of 30m	Nos	23747.60	23747.60	23747.60	20985.90	20985.90	20985.90	24799.20	24799.20	24799.20	22037.50	22037.50	22037.50

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 17.10			Applying pre-packed cement based polymer mortar of strength 45 Mpa at 28 days for replacement of spalled concrete	Sqm	1278.30	1278.30	1278.30	1245.40	1245.40	1245.40	1251.30	1251.30	1251.30	1218.30	1218.30	1218.30
B 17.11			Eproxy bonding of new concrete to old concrete	Sqm	604.00	604.00	604.00	571.00	571.00	571.00	592.90	592.90	592.90	559.90	559.90	559.90
B 17.12			Providing external prestressing with high tensile steel wires/strands including drilling for passage of prestessing steel, all accessories for stressing and stressing operation and grouting complete as per drawing and Technical Specification	MT	6665148.90	6665148.90	6665148.90	6657999.40	6657999.40	6657999.40	6508458.40	6508458.40	6508458.40	6501308.90	6501308.90	6501308.90
B 17.13			Providing external prestressing with high tensile steel wires/strands including drilling for passage of prestessing steel, all accessories for stressing and stressing operation and grouting complete as per drawing and Technical Specification	MT	291447.00	291447.00	291447.00	285562.10	285562.10	285562.10	289623.10	289623.10	289623.10	283738.20	283738.20	283738.20
B 17.14			Providing external prestressing with high tensile steel wires/strands including drilling for passage of prestessing steel, all accessories for stressing and stressing operation and grouting complete as per drawing and Technical Specification	MT	404591.90	404591.90	404591.90	398798.10	398798.10	398798.10	402870.10	402870.10	402870.10	397076.20	397076.20	397076.20
B 17.15			Replacement of Bearings complete as per Technical Specification													
			Lifting of super structure span by jacking up from below i.e by placing the jacks on pier/abutment caps for span length of 30m	Nos	26752.00	26752.00	26752.00	23990.30	23990.30	23990.30	26301.40	26301.40	26301.40	23539.70	23539.70	23539.70

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 17.10			Applying pre-packed cement based polymer mortar of strength 45 Mpa at 28 days for replacement of spalled concrete	Sqm	1116.00	1116.00	1116.00	1083.00	1083.00	1083.00	1287.40	1287.40	1287.40	1254.40	1254.40	1254.40
B 17.11			Eproxy bonding of new concrete to old concrete	Sqm	537.30	537.30	537.30	504.30	504.30	504.30	607.70	607.70	607.70	574.80	574.80	574.80
B 17.12			Providing external prestressing with high tensile steel wires/strands including drilling for passage of prestessing steel, all accessories for stressing and stressing operation and grouting complete as per drawing and Technical Specification	MT	5413545.10	5413545.10	5413545.10	5406395.70	5406395.70	5406395.70	6925019.60	6925019.60	6925019.60	6917870.10	6917870.10	6917870.10
B 17.13			Providing external prestressing with high tensile steel wires/strands including drilling for passage of prestessing steel, all accessories for stressing and stressing operation and grouting complete as per drawing and Technical Specification	MT	278285.00	278285.00	278285.00	272400.10	272400.10	272400.10	293534.10	293534.10	293534.10	287649.10	287649.10	287649.10
B 17.14			Providing external prestressing with high tensile steel wires/strands including drilling for passage of prestessing steel, all accessories for stressing and stressing operation and grouting complete as per drawing and Technical Specification	MT	392130.60	392130.60	392130.60	386336.70	386336.70	386336.70	406586.10	406586.10	406586.10	400792.30	400792.30	400792.30
B 17.15			Replacement of Bearings complete as per Technical Specification													
			Lifting of super structure span by jacking up from below i.e by placing the jacks on pier/abutment caps for span length of 30m	Nos	24048.10	24048.10	24048.10	21286.40	21286.40	21286.40	26902.30	26902.30	26902.30	24140.60	24140.60	24140.60

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 17.10			Applying pre-packed cement based polymer mortar of strength 45 Mpa at 28 days for replacement of spalled concrete	Sqm	1125.00	1125.00	1125.00	1092.00	1092.00	1092.00	1206.20	1206.20	1206.20	1173.20	1173.20	1173.20
B 17.11			Eproxy bonding of new concrete to old concrete	Sqm	541.00	541.00	541.00	508.00	508.00	508.00	574.40	574.40	574.40	541.40	541.40	541.40
B 17.12			Providing external prestressing with high tensile steel wires/strands including drilling for passage of prestessing steel, all accessories for stressing and stressing operation and grouting complete as per drawing and Technical Specification	MT	5725326.00	5725326.00	5725326.00	5718176.50	5718176.50	5718176.50	5987756.90	5987756.90	5987756.90	5980607.40	5980607.40	5980607.40
B 17.13			Providing external prestressing with high tensile steel wires/strands including drilling for passage of prestessing steel, all accessories for stressing and stressing operation and grouting complete as per drawing and Technical Specification	MT	280741.80	280741.80	280741.80	274856.90	274856.90	274856.90	284734.40	284734.40	284734.40	278849.50	278849.50	278849.50
B 17.14			Providing external prestressing with high tensile steel wires/strands including drilling for passage of prestessing steel, all accessories for stressing and stressing operation and grouting complete as per drawing and Technical Specification	MT	394479.80	394479.80	394479.80	388686.00	388686.00	388686.00	398225.10	398225.10	398225.10	392431.20	392431.20	392431.20
B 17.15			Replacement of Bearings complete as per Technical Specification													
			Lifting of super structure span by jacking up from below i.e by placing the jacks on pier/abutment caps for span length of 30m	Nos	24198.30	24198.30	24198.30	21436.60	21436.60	21436.60	25550.30	25550.30	25550.30	22788.60	22788.60	22788.60

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 17.10			Applying pre-packed cement based polymer mortar of strength 45 Mpa at 28 days for replacement of spalled concrete	Sqm	1377.60	1377.60	1377.60	1344.60	1344.60	1344.60	1323.40	1323.40	1323.40	1290.50	1290.50	1290.50
B 17.11			Eproxy bonding of new concrete to old concrete	Sqm	644.80	644.80	644.80	611.80	611.80	611.80	622.60	622.60	622.60	589.60	589.60	589.60
B 17.12			Providing external prestressing with high tensile steel wires/strands including drilling for passage of prestessing steel, all accessories for stressing and stressing operation and grouting complete as per drawing and Technical Specification	MT	8329793.60	8329793.60	8329793.60	8322644.10	8322644.10	8322644.10	7549221.30	7549221.30	7549221.30	7542071.90	7542071.90	7542071.90
B 17.13			Providing external prestressing with high tensile steel wires/strands including drilling for passage of prestessing steel, all accessories for stressing and stressing operation and grouting complete as per drawing and Technical Specification	MT	305899.80	305899.80	305899.80	300014.90	300014.90	300014.90	298924.10	298924.10	298924.10	293039.20	293039.20	293039.20
B 17.14			Providing external prestressing with high tensile steel wires/strands including drilling for passage of prestessing steel, all accessories for stressing and stressing operation and grouting complete as per drawing and Technical Specification	MT	418361.70	418361.70	418361.70	412567.80	412567.80	412567.80	411722.40	411722.40	411722.40	405928.60	405928.60	405928.60
B 17.15			Replacement of Bearings complete as per Technical Specification													
			Lifting of super structure span by jacking up from below i.e by placing the jacks on pier/abutment caps for span length of 30m	Nos	28404.50	28404.50	28404.50	25642.80	25642.80	25642.80	27503.10	27503.10	27503.10	24741.40	24741.40	24741.40

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 17.16			Rectification of Bearings as per Technical Specifications													
			Lifting of super structure span by jacking up from below i.e by placing the jacks on pier/abutment caps for span length of 30m	Nos	23747.60	23747.60	23747.60	20985.90	20985.90	20985.90	22696.10	22696.10	22696.10	19934.40	19934.40	19934.40
B 17.17			Replacement of Expansion Joints complete as per drawings	Metre	5851.10	5793.70	5775.80	5626.50	5591.10	5580.20	5541.80	5484.40	5466.60	5317.20	5281.80	5270.90
B 17.18			Replacement of Damaged Concrete Railing.	Metre	563.60	563.60	563.60	425.30	425.30	425.30	563.60	563.60	563.60	425.30	425.30	425.30
B 17.19			Replacement of Crash Barrier.	Metre	1121.30	1121.30	1121.30	844.60	844.60	844.60	1121.30	1121.30	1121.30	844.60	844.60	844.60
B 17.20			Replacement of Damaged Mild Steel Railing	Metre	452.10	452.10	452.10	341.40	341.40	341.40	452.10	452.10	452.10	341.40	341.40	341.40
B 17.21			Repair of Crash Barrier													
			Repair of concrete crash barrier with cement concert of M-30 grade by cutting and trimming the damaged portion to a regular shape, cleaning the area to be repaired thoroughly, applying cement concert after erection of proper form work.	Metre	539.20	533.40	531.60	504.50	500.90	499.90	514.50	508.70	507.00	479.80	476.30	475.20
B 17.22			Repair of RCC Railing													
			Carrying out repair of RCC M30 railing to bring it to the original shape.	Metre	155.80	153.80	153.20	161.00	159.70	159.30	147.50	145.50	144.90	152.70	151.40	150.90
B 17.23			Repair of Steel Railing													
			Repair of steel railing to bring it to the original shape. It is assumed that the damage to the steel railing is to the extent of 10 per cent .	Metre	448.00	448.00	448.00	0.00	0.00	0.00	443.70	443.70	443.70	0.00	0.00	0.00
B 17.24			Mobile Bridge Inspection Unit (MBIU)													
			Inspection of bridge by using of Mobile Bridge Inspection Unit (MBIU)	Metre	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 17.16			Rectification of Bearings as per Technical Specifications													
			Lifting of super structure span by jacking up from below i.e by placing the jacks on pier/abutment caps for span length of 30m	Nos	23747.60	23747.60	23747.60	20985.90	20985.90	20985.90	24799.20	24799.20	24799.20	22037.50	22037.50	22037.50
B 17.17			Replacement of Expansion Joints complete as per drawings	Metre	5851.10	5793.70	5775.80	5626.50	5591.10	5580.20	6568.20	6510.80	6493.00	6343.60	6308.20	6297.30
B 17.18			Replacement of Damaged Concrete Railing.	Metre	563.60	563.60	563.60	425.30	425.30	425.30	563.60	563.60	563.60	425.30	425.30	425.30
B 17.19			Replacement of Crash Barrier.	Metre	1121.30	1121.30	1121.30	844.60	844.60	844.60	1121.30	1121.30	1121.30	844.60	844.60	844.60
B 17.20			Replacement of Damaged Mild Steel Railing	Metre	452.10	452.10	452.10	341.40	341.40	341.40	452.10	452.10	452.10	341.40	341.40	341.40
B 17.21			Repair of Crash Barrier													
			Repair of concrete crash barrier with cement concert of M-30 grade by cutting and trimming the damaged portion to a regular shape, cleaning the area to be repaired thoroughly, applying cement concert after erection of proper form work.	Metre	539.20	533.40	531.60	504.50	500.90	499.90	604.70	598.90	597.10	570.00	566.40	565.30
B 17.22			Repair of RCC Railing													
			Carrying out repair of RCC M30 railing to bring it to the original shape.	Metre	155.80	153.80	153.20	161.00	159.70	159.30	177.70	175.70	175.10	182.90	181.60	181.20
B 17.23			Repair of Steel Railing													
			Repair of steel railing to bring it to the original shape. It is assumed that the damage to the steel railing is to the extent of 10 per cent .	Metre	448.00	448.00	448.00	0.00	0.00	0.00	457.50	457.50	457.50	0.00	0.00	0.00
B 17.24			Mobile Bridge Inspection Unit (MBIU)													
			Inspection of bridge by using of Mobile Bridge Inspection Unit (MBIU)	Metre	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 17.16			Rectification of Bearings as per Technical Specifications													
			Lifting of super structure span by jacking up from below i.e by placing the jacks on pier/abutment caps for span length of 30m	Nos	26752.00	26752.00	26752.00	23990.30	23990.30	23990.30	26301.40	26301.40	26301.40	23539.70	23539.70	23539.70
B 17.17			Replacement of Expansion Joints complete as per drawings	Metre	7244.30	7186.90	7169.00	7019.70	6984.30	6973.40	7088.30	7030.80	7013.00	6863.60	6828.30	6817.30
B 17.18			Replacement of Damaged Concrete Railing.	Metre	563.60	563.60	563.60	425.30	425.30	425.30	563.60	563.60	563.60	425.30	425.30	425.30
B 17.19			Replacement of Crash Barrier.	Metre	1121.30	1121.30	1121.30	844.60	844.60	844.60	1121.30	1121.30	1121.30	844.60	844.60	844.60
B 17.20			Replacement of Damaged Mild Steel Railing	Metre	452.10	452.10	452.10	341.40	341.40	341.40	452.10	452.10	452.10	341.40	341.40	341.40
B 17.21			Repair of Crash Barrier													
			Repair of concrete crash barrier with cement concert of M-30 grade by cutting and trimming the damaged portion to a regular shape, cleaning the area to be repaired thoroughly, applying cement concert after erection of proper form work.	Metre	660.70	654.90	653.20	626.00	622.50	621.40	647.80	642.00	640.20	613.10	609.50	608.40
B 17.22			Repair of RCC Railing													
			Carrying out repair of RCC M30 railing to bring it to the original shape.	Metre	196.60	194.60	193.90	201.70	200.40	200.00	192.20	190.20	189.50	197.30	196.10	195.60
B 17.23			Repair of Steel Railing													
			Repair of steel railing to bring it to the original shape. It is assumed that the damage to the steel railing is to the extent of 10 per cent .	Metre	466.10	466.10	466.10	0.00	0.00	0.00	464.10	464.10	464.10	0.00	0.00	0.00
B 17.24			Mobile Bridge Inspection Unit (MBIU)													
			Inspection of bridge by using of Mobile Bridge Inspection Unit (MBIU)	Metre	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 17.16			Rectification of Bearings as per Technical Specifications													
			Lifting of super structure span by jacking up from below i.e by placing the jacks on pier/abutment caps for span length of 30m	Nos	24048.10	24048.10	24048.10	21286.40	21286.40	21286.40	26902.30	26902.30	26902.30	24140.60	24140.60	24140.60
B 17.17			Replacement of Expansion Joints complete as per drawings	Metre	6052.40	5995.00	5977.10	5827.80	5792.40	5781.50	7466.80	7409.40	7391.60	7242.20	7206.80	7195.90
B 17.18			Replacement of Damaged Concrete Railing.	Metre	563.60	563.60	563.60	425.30	425.30	425.30	563.60	563.60	563.60	425.30	425.30	425.30
B 17.19			Replacement of Crash Barrier.	Metre	1121.30	1121.30	1121.30	844.60	844.60	844.60	1121.30	1121.30	1121.30	844.60	844.60	844.60
B 17.20			Replacement of Damaged Mild Steel Railing	Metre	452.10	452.10	452.10	341.40	341.40	341.40	452.10	452.10	452.10	341.40	341.40	341.40
B 17.21			Repair of Crash Barrier													
			Repair of concrete crash barrier with cement concert of M-30 grade by cutting and trimming the damaged portion to a regular shape, cleaning the area to be repaired thoroughly, applying cement concert after erection of proper form work.	Metre	557.50	551.80	550.00	522.80	519.30	518.20	682.10	676.30	674.50	647.40	643.80	642.70
B 17.22			Repair of RCC Railing													
			Carrying out repair of RCC M30 railing to bring it to the original shape.	Metre	162.00	160.00	159.30	167.10	165.80	165.40	203.70	201.70	201.00	208.80	207.50	207.10
B 17.23			Repair of Steel Railing													
			Repair of steel railing to bring it to the original shape. It is assumed that the damage to the steel railing is to the extent of 10 per cent .	Metre	450.80	450.80	450.80	0.00	0.00	0.00	469.00	469.00	469.00	0.00	0.00	0.00
B 17.24			Mobile Bridge Inspection Unit (MBIU)													
			Inspection of bridge by using of Mobile Bridge Inspection Unit (MBIU)	Metre	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 17.16			Rectification of Bearings as per Technical Specifications													
			Lifting of super structure span by jacking up from below i.e by placing the jacks on pier/abutment caps for span length of 30m	Nos	24198.30	24198.30	24198.30	21436.60	21436.60	21436.60	25550.30	25550.30	25550.30	22788.60	22788.60	22788.60
B 17.17			Replacement of Expansion Joints complete as per drawings	Metre	6317.60	6260.20	6242.30	6093.00	6057.60	6046.70	6615.10	6557.60	6539.80	6390.40	6355.10	6344.10
B 17.18			Replacement of Damaged Concrete Railing.	Metre	563.60	563.60	563.60	425.30	425.30	425.30	563.60	563.60	563.60	425.30	425.30	425.30
B 17.19			Replacement of Crash Barrier.	Metre	1121.30	1121.30	1121.30	844.60	844.60	844.60	1121.30	1121.30	1121.30	844.60	844.60	844.60
B 17.20			Replacement of Damaged Mild Steel Railing	Metre	452.10	452.10	452.10	341.40	341.40	341.40	452.10	452.10	452.10	341.40	341.40	341.40
B 17.21			Repair of Crash Barrier													
			Repair of concrete crash barrier with cement concert of M-30 grade by cutting and trimming the damaged portion to a regular shape, cleaning the area to be repaired thoroughly, applying cement concert after erection of proper form work.	Metre	583.20	577.40	575.60	548.50	544.90	543.80	604.90	599.10	597.40	570.20	566.70	565.60
B 17.22			Repair of RCC Railing													
			Carrying out repair of RCC M30 railing to bring it to the original shape.	Metre	170.50	168.50	167.90	175.70	174.40	173.90	177.90	175.90	175.20	183.00	181.70	181.30
B 17.23			Repair of Steel Railing													
			Repair of steel railing to bring it to the original shape. It is assumed that the damage to the steel railing is to the extent of 10 per cent .	Metre	454.30	454.30	454.30	0.00	0.00	0.00	458.00	458.00	458.00	0.00	0.00	0.00
B 17.24			Mobile Bridge Inspection Unit (MBIU)													
			Inspection of bridge by using of Mobile Bridge Inspection Unit (MBIU)	Metre	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 17.16			Rectification of Bearings as per Technical Specifications													
			Lifting of super structure span by jacking up from below i.e by placing the jacks on pier/abutment caps for span length of 30m	Nos	28404.50	28404.50	28404.50	25642.80	25642.80	25642.80	27503.10	27503.10	27503.10	24741.40	24741.40	24741.40
B 17.17			Replacement of Expansion Joints complete as per drawings	Metre	8711.70	8654.30	8636.40	8487.10	8451.70	8440.80	8015.90	7958.50	7940.70	7791.30	7755.90	7745.00
B 17.18			Replacement of Damaged Concrete Railing.	Metre	563.60	563.60	563.60	425.30	425.30	425.30	563.60	563.60	563.60	425.30	425.30	425.30
B 17.19			Replacement of Crash Barrier.	Metre	1121.30	1121.30	1121.30	844.60	844.60	844.60	1121.30	1121.30	1121.30	844.60	844.60	844.60
B 17.20			Replacement of Damaged Mild Steel Railing	Metre	452.10	452.10	452.10	341.40	341.40	341.40	452.10	452.10	452.10	341.40	341.40	341.40
B 17.21			Repair of Crash Barrier													
			Repair of concrete crash barrier with cement concert of M-30 grade by cutting and trimming the damaged portion to a regular shape, cleaning the area to be repaired thoroughly, applying cement concert after erection of proper form work.	Metre	797.60	791.90	790.10	763.00	759.40	758.30	733.40	727.70	725.90	698.70	695.20	694.10
B 17.22			Repair of RCC Railing													
			Carrying out repair of RCC M30 railing to bring it to the original shape.	Metre	242.30	240.30	239.70	247.40	246.20	245.70	220.90	218.90	218.20	226.00	224.70	224.30
B 17.23			Repair of Steel Railing													
			Repair of steel railing to bring it to the original shape. It is assumed that the damage to the steel railing is to the extent of 10 per cent .	Metre	485.20	485.20	485.20	0.00	0.00	0.00	476.10	476.10	476.10	0.00	0.00	0.00
B 17.24			Mobile Bridge Inspection Unit (MBIU)													
			Inspection of bridge by using of Mobile Bridge Inspection Unit (MBIU)	Metre	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10	9196.10

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			18 : TUNNEL WORK													
B 18.01			Excavation in Ordinary Rock using Hydraulic Excavator and Tippers with Disposal upto 1000 metres.													
			Excavation for Portal in Ordinary Rock with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and disposal of excavated materials including all lifts and lead upto 1000m	Cum	509.30	509.30	509.30	431.50	431.50	431.50	737.80	737.80	737.80	660.00	660.00	660.00
B 18.02			Excavation in Hard Rock (blasting prohibited)													
			Excavation for Portal in Hard Rock (blasting prohibited) with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and and disposal of excavated materials including all lifts and lead upto 1000m	Cum	507.30	507.30	507.30	394.30	394.30	394.30	750.20	750.20	750.20	637.20	637.20	637.20
B 18.03			Excavation in Soil using Hydraulic Excavator and Tippers with Disposal upto 1000 metres.													
			Excavation for portal in soil with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and and disposal of excavated materials including all lifts and lead upto 1000m	Cum	91.30	91.30	91.30	81.00	81.00	81.00	91.30	91.30	91.30	81.00	81.00	81.00
B 18.04			Drill steel with Drill jumboo													
			Excavation for tunnel by using drilling & blasting methods in all types of rock including cost of all materials,machinery, labour, scaling excavated surface, marking, ventilation, lighting, drainage, removing and hauling the excavated muck outside tunnel upto specified dump area and all other ancillary operations etc.	Cum	1312.60	1312.60	1312.60	1311.10	1311.10	1311.10	1549.00	1549.00	1549.00	1547.50	1547.50	1547.50
B 18.05			Dewatering tunnel by pumping out water collected by natural drainage inside tunnel including													
			Dewatering in tunnel by pumping out water collected by natural drainage inside tunnel including providing sump wherever necessary, cost of all materials, machinery, labour, drainage and all other ancillary operations etc., complete.	Hour	751.20	751.20	751.20	717.80	717.80	717.80	749.60	749.60	749.60	716.20	716.20	716.20
B 18.06			Providing , Fitting and Placing of Ribs													
			Providing , Fitting and Placing of Ribs including Fabrication, Erection,Temporary fixture, Handling of material inside fabrication workshop, final matching, field welding and complete as per Drawing and Technical Specifications.	Cum	143413.90	143413.90	143413.90	143085.10	143085.10	143085.10	142097.60	142097.60	142097.60	141768.80	141768.80	141768.80

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			18 : TUNNEL WORK													
B 18.01			Excavation in Ordinary Rock using Hydraulic Excavator and Tippers with Disposal upto 1000 metres.													
			Excavation for Portal in Ordinary Rock with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and disposal of excavated materials including all lifts and lead upto 1000m	Cum	509.30	509.30	509.30	431.50	431.50	431.50	509.30	509.30	509.30	431.50	431.50	431.50
B 18.02			Excavation in Hard Rock (blasting prohibited)													
			Excavation for Portal in Hard Rock (blasting prohibited) with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and and disposal of excavated materials including all lifts and lead upto 1000m	Cum	507.30	507.30	507.30	394.30	394.30	394.30	492.90	492.90	492.90	380.00	380.00	380.00
B 18.03			Excavation in Soil using Hydraulic Excavator and Tippers with Disposal upto 1000 metres.													
			Excavation for portal in soil with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and and disposal of excavated materials including all lifts and lead upto 1000m	Cum	91.30	91.30	91.30	81.00	81.00	81.00	91.30	91.30	91.30	81.00	81.00	81.00
B 18.04			Drill steel with Drill jumboo													
			Excavation for tunnel by using drilling & blasting methods in all types of rock including cost of all materials,machinery, labour, scaling excavated surface, marking, ventilation, lighting, drainage, removing and hauling the excavated muck outside tunnel upto specified dump area and all other ancillary operations etc.	Cum	1312.60	1312.60	1312.60	1311.10	1311.10	1311.10	1327.60	1327.60	1327.60	1326.10	1326.10	1326.10
B 18.05			Dewatering tunnel by pumping out water collected by natural drainage inside tunnel including													
			Dewatering in tunnel by pumping out water collected by natural drainage inside tunnel including providing sump wherever necessary, cost of all materials, machinery, labour, drainage and all other ancillary operations etc., complete.	Hour	751.20	751.20	751.20	717.80	717.80	717.80	752.80	752.80	752.80	719.40	719.40	719.40
B 18.06			Providing , Fitting and Placing of Ribs													
			Providing , Fitting and Placing of Ribs including Fabrication, Erection,Temporary fixture, Handling of material inside fabrication workshop, final matching, field welding and complete as per Drawing and Technical Specifications.	Cum	143413.90	143413.90	143413.90	143085.10	143085.10	143085.10	146521.10	146521.10	146521.10	146192.30	146192.30	146192.30

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			18 : TUNNEL WORK													
B 18.01			Excavation in Ordinary Rock using Hydraulic Excavator and Tippers with Disposal upto 1000 metres.													
			Excavation for Portal in Ordinary Rock with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and disposal of excavated materials including all lifts and lead upto 1000m	Cum	509.30	509.30	509.30	431.50	431.50	431.50	509.30	509.30	509.30	431.50	431.50	431.50
B 18.02			Excavation in Hard Rock (blasting prohibited)													
			Excavation for Portal in Hard Rock (blasting prohibited) with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and and disposal of excavated materials including all lifts and lead upto 1000m	Cum	466.20	466.20	466.20	353.30	353.30	353.30	472.40	472.40	472.40	359.40	359.40	359.40
B 18.03			Excavation in Soil using Hydraulic Excavator and Tippers with Disposal upto 1000 metres.													
			Excavation for portal in soil with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and and disposal of excavated materials including all lifts and lead upto 1000m	Cum	91.30	91.30	91.30	81.00	81.00	81.00	91.30	91.30	91.30	81.00	81.00	81.00
B 18.04			Drill steel with Drill jumboo													
			Excavation for tunnel by using drilling & blasting methods in all types of rock including cost of all materials,machinery, labour, scaling excavated surface, marking, ventilation, lighting, drainage, removing and hauling the excavated muck outside tunnel upto specified dump area and all other ancillary operations etc.	Cum	1355.50	1355.50	1355.50	1354.00	1354.00	1354.00	1349.00	1349.00	1349.00	1347.50	1347.50	1347.50
B 18.05			Dewatering tunnel by pumping out water collected by natural drainage inside tunnel including													
			Dewatering in tunnel by pumping out water collected by natural drainage inside tunnel including providing sump wherever necessary, cost of all materials, machinery, labour, drainage and all other ancillary operations etc., complete.	Hour	755.70	755.70	755.70	722.30	722.30	722.30	755.00	755.00	755.00	721.70	721.70	721.70
B 18.06			Providing , Fitting and Placing of Ribs													
			Providing , Fitting and Placing of Ribs including Fabrication, Erection,Temporary fixture, Handling of material inside fabrication workshop, final matching, field welding and complete as per Drawing and Technical Specifications.	Cum	149169.50	149169.50	149169.50	148840.60	148840.60	148840.60	148558.30	148558.30	148558.30	148229.50	148229.50	148229.50

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			18 : TUNNEL WORK													
B 18.01			Excavation in Ordinary Rock using Hydraulic Excavator and Tippers with Disposal upto 1000 metres.													
			Excavation for Portal in Ordinary Rock with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and disposal of excavated materials including all lifts and lead upto 1000m	Cum	509.30	509.30	509.30	431.50	431.50	431.50	509.30	509.30	509.30	431.50	431.50	431.50
B 18.02			Excavation in Hard Rock (blasting prohibited)													
			Excavation for Portal in Hard Rock (blasting prohibited) with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and and disposal of excavated materials including all lifts and lead upto 1000m	Cum	503.20	503.20	503.20	390.20	390.20	390.20	464.20	464.20	464.20	351.20	351.20	351.20
B 18.03			Excavation in Soil using Hydraulic Excavator and Tippers with Disposal upto 1000 metres.													
			Excavation for portal in soil with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and and disposal of excavated materials including all lifts and lead upto 1000m	Cum	91.30	91.30	91.30	81.00	81.00	81.00	91.30	91.30	91.30	81.00	81.00	81.00
B 18.04			Drill steel with Drill jumboo													
			Excavation for tunnel by using drilling & blasting methods in all types of rock including cost of all materials,machinery, labour, scaling excavated surface, marking, ventilation, lighting, drainage, removing and hauling the excavated muck outside tunnel upto specified dump area and all other ancillary operations etc.	Cum	1316.90	1316.90	1316.90	1315.40	1315.40	1315.40	1357.60	1357.60	1357.60	1356.10	1356.10	1356.10
B 18.05			Dewatering tunnel by pumping out water collected by natural drainage inside tunnel including													
			Dewatering in tunnel by pumping out water collected by natural drainage inside tunnel including providing sump wherever necessary, cost of all materials, machinery, labour, drainage and all other ancillary operations etc., complete.	Hour	751.60	751.60	751.60	718.30	718.30	718.30	755.90	755.90	755.90	722.60	722.60	722.60
B 18.06			Providing , Fitting and Placing of Ribs													
			Providing , Fitting and Placing of Ribs including Fabrication, Erection,Temporary fixture, Handling of material inside fabrication workshop, final matching, field welding and complete as per Drawing and Technical Specifications.	Cum	144323.90	144323.90	144323.90	143995.10	143995.10	143995.10	150158.90	150158.90	150158.90	149830.10	149830.10	149830.10

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			18 : TUNNEL WORK													
B 18.01			Excavation in Ordinary Rock using Hydraulic Excavator and Tippers with Disposal upto 1000 metres.													
			Excavation for Portal in Ordinary Rock with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and disposal of excavated materials including all lifts and lead upto 1000m	Cum	509.30	509.30	509.30	431.50	431.50	431.50	509.30	509.30	509.30	431.50	431.50	431.50
B 18.02			Excavation in Hard Rock (blasting prohibited)													
			Excavation for Portal in Hard Rock (blasting prohibited) with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and and disposal of excavated materials including all lifts and lead upto 1000m	Cum	501.10	501.10	501.10	388.20	388.20	388.20	482.70	482.70	482.70	369.70	369.70	369.70
B 18.03			Excavation in Soil using Hydraulic Excavator and Tippers with Disposal upto 1000 metres.													
			Excavation for portal in soil with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and and disposal of excavated materials including all lifts and lead upto 1000m	Cum	91.30	91.30	91.30	81.00	81.00	81.00	91.30	91.30	91.30	81.00	81.00	81.00
B 18.04			Drill steel with Drill jumboo													
			Excavation for tunnel by using drilling & blasting methods in all types of rock including cost of all materials,machinery, labour, scaling excavated surface, marking, ventilation, lighting, drainage, removing and hauling the excavated muck outside tunnel upto specified dump area and all other ancillary operations etc.	Cum	1319.10	1319.10	1319.10	1317.60	1317.60	1317.60	1338.30	1338.30	1338.30	1336.80	1336.80	1336.80
B 18.05			Dewatering tunnel by pumping out water collected by natural drainage inside tunnel including													
			Dewatering in tunnel by pumping out water collected by natural drainage inside tunnel including providing sump wherever necessary, cost of all materials, machinery, labour, drainage and all other ancillary operations etc., complete.	Hour	751.80	751.80	751.80	718.50	718.50	718.50	753.90	753.90	753.90	720.50	720.50	720.50
B 18.06			Providing , Fitting and Placing of Ribs													
			Providing , Fitting and Placing of Ribs including Fabrication, Erection,Temporary fixture, Handling of material inside fabrication workshop, final matching, field welding and complete as per Drawing and Technical Specifications.	Cum	145509.80	145509.80	145509.80	145181.00	145181.00	145181.00	146557.50	146557.50	146557.50	146228.70	146228.70	146228.70

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			18 : TUNNEL WORK													
B 18.01			Excavation in Ordinary Rock using Hydraulic Excavator and Tippers with Disposal upto 1000 metres.													
			Excavation for Portal in Ordinary Rock with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and disposal of excavated materials including all lifts and lead upto 1000m	Cum	509.30	509.30	509.30	431.50	431.50	431.50	509.30	509.30	509.30	431.50	431.50	431.50
B 18.02			Excavation in Hard Rock (blasting prohibited)													
			Excavation for Portal in Hard Rock (blasting prohibited) with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and and disposal of excavated materials including all lifts and lead upto 1000m	Cum	443.70	443.70	443.70	330.70	330.70	330.70	456.00	456.00	456.00	343.00	343.00	343.00
B 18.03			Excavation in Soil using Hydraulic Excavator and Tippers with Disposal upto 1000 metres.													
			Excavation for portal in soil with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and and disposal of excavated materials including all lifts and lead upto 1000m	Cum	91.30	91.30	91.30	81.00	81.00	81.00	91.30	91.30	91.30	81.00	81.00	81.00
B 18.04			Drill steel with Drill jumboo													
			Excavation for tunnel by using drilling & blasting methods in all types of rock including cost of all materials,machinery, labour, scaling excavated surface, marking, ventilation, lighting, drainage, removing and hauling the excavated muck outside tunnel upto specified dump area and all other ancillary operations etc.	Cum	1379.00	1379.00	1379.00	1377.50	1377.50	1377.50	1366.20	1366.20	1366.20	1364.70	1364.70	1364.70
B 18.05			Dewatering tunnel by pumping out water collected by natural drainage inside tunnel including													
			Dewatering in tunnel by pumping out water collected by natural drainage inside tunnel including providing sump wherever necessary, cost of all materials, machinery, labour, drainage and all other ancillary operations etc., complete.	Hour	758.20	758.20	758.20	724.80	724.80	724.80	756.80	756.80	756.80	723.50	723.50	723.50
B 18.06			Providing , Fitting and Placing of Ribs													
			Providing , Fitting and Placing of Ribs including Fabrication, Erection,Temporary fixture, Handling of material inside fabrication workshop, final matching, field welding and complete as per Drawing and Technical Specifications.	Cum	155535.50	155535.50	155535.50	155206.70	155206.70	155206.70	152545.30	152545.30	152545.30	152216.50	152216.50	152216.50

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 18.07			Shotcreting with Steel fibre reinforced micro silica shotcrete (SFRS)													
			Shotcreting to upper bench / lower bench with steel fiber reinforced shotcrete (SFRS) , shotcrete compressive strength shall be 25 N/mm2 and complete as per Drawing and Technical Specifications.	Cum	22672.40	22672.40	22672.40	22643.30	22643.30	22643.30	20962.40	20962.40	20962.40	20933.20	20933.20	20933.20
B 18.08			Shotcreting with welded wiremesh													
			Shotcreting to upper bench / lower bench with welded wiremesh , shotcrete compressive strength shall be 25 N/mm2 and complete as per Drawing and Technical Specifications.	Cum	17359.20	17359.20	17359.20	17686.90	17686.90	17686.90	15973.40	15973.40	15973.40	16301.10	16301.10	16301.10
B 18.09			Providing and fixing 25 mm diameter 3 meter long steel rock bolts including drilling 45 mm dia holes, ...													
			Providing and fixing 25 mm diameter 3 meter long steel rock bolts including drilling 45 mm dia holes, plate, nuts, cement grout, cost of all materials, machinery, labour, ventilation, lighting, drainage and all other ancillary operations etc. complete as per Drawing and Technical Specifications.	Cum	2161.60	2161.60	2161.60	2136.30	2136.30	2136.30	2147.80	2147.80	2147.80	2122.60	2122.60	2122.60
B 18.10			Providing and fixing 32 mm diameter 7 meter long steel rock bolts including drilling 51 mm dia holes, ...													
			Providing and fixing 32 mm diameter 7 meter long steel rock bolts including drilling 51 mm dia holes, plate, nuts, cement grout, cost of all materials, machinery, labour, ventilation, lighting, drainage and all other ancillary operations etc. complete as per Drawing and Technical Specifications.	Cum	6032.60	6032.60	6032.60	5962.70	5962.70	5962.70	5981.20	5981.20	5981.20	5911.20	5911.20	5911.20
B 18.11			Grouting with Cement													
			Grouting cement slurry in grout holes under specified pressure for consolidation / contact grouting including cost of all materials, machinery, labour, redrilling wherever necessary, ventilation,lighting, drainage and other ancillary operations etc. complete as per Drawing and Technical Specifications.	Tonne	18441.60	18441.60	18441.60	18068.20	18068.20	18068.20	17757.40	17757.40	17757.40	17384.00	17384.00	17384.00
B 18.12			Furnishing and Placing Reinforced cement concrete in Tunnel Work as per drawing and Technical Specification													
	A		RCC Grade M20	Cum	14775.10	14775.10	14775.10	14591.10	14591.10	14591.10	13906.40	13906.40	13906.40	13722.40	13722.40	13722.40
	B		RCC Grade M25	Cum	15749.10	15749.10	15749.10	15565.10	15565.10	15565.10	14827.90	14827.90	14827.90	14643.90	14643.90	14643.90
	C		RCC Grade M 30	Cum	15834.30	15834.30	15834.30	15650.30	15650.30	15650.30	14908.20	14908.20	14908.20	14724.20	14724.20	14724.20
	D		RCC Grade M35	Cum	16117.60	16117.60	16117.60	15933.60	15933.60	15933.60	15176.00	15176.00	15176.00	14992.00	14992.00	14992.00
	E		RCC Grade M-40	Cum	16366.30	16366.30	16366.30	16182.30	16182.30	16182.30	15410.10	15410.10	15410.10	15226.00	15226.00	15226.00
	F		RCC Grade M-45	Cum	16423.90	16423.90	16423.90	16239.90	16239.90	16239.90	15463.90	15463.90	15463.90	15279.90	15279.90	15279.90
	G		RCC Grade M-50	Cum	17518.30	17518.30	17518.30	17334.20	17334.20	17334.20	16486.60	16486.60	16486.60	16302.60	16302.60	16302.60
	H		RCC Grade M- 55	Cum	17714.70	17714.70	17714.70	17530.70	17530.70	17530.70	16672.20	16672.20	16672.20	16488.20	16488.20	16488.20
	I		RCC Grade M- 60	Cum	18051.30	18051.30	18051.30	17867.30	17867.30	17867.30	16987.80	16987.80	16987.80	16803.80	16803.80	16803.80
	J		RCC Grade M- 60	Cum	14740.80	14740.80	14740.80	14562.70	14562.70	14562.70	13884.40	13884.40	13884.40	13706.40	13706.40	13706.40
B 18.13			Supplying, fitting and placing HYSD bar reinforcement in Tunnel Work complete as per drawing and technical specifications	MT	88638.10	88638.10	88638.10	88491.80	88491.80	88491.80	87857.30	87857.30	87857.30	88927.60	88927.60	88927.60

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 18.07			Shotcreting with Steel fibre reinforced micro silica shotcrete (SFRS)													
			Shotcreting to upper bench / lower bench with steel fiber reinforced shotcrete (SFRS) , shotcrete compressive strength shall be 25 N/mm2 and complete as per Drawing and Technical Specifications.	Cum	22672.40	22672.40	22672.40	22643.30	22643.30	22643.30	26071.00	26071.00	26071.00	26041.80	26041.80	26041.80
B 18.08			Shotcreting with welded wiremesh													
			Shotcreting to upper bench / lower bench with welded wiremesh , shotcrete compressive strength shall be 25 N/mm2 and complete as per Drawing and Technical Specifications.	Cum	17359.20	17359.20	17359.20	17686.90	17686.90	17686.90	20433.40	20433.40	20433.40	20761.20	20761.20	20761.20
B 18.09			Providing and fixing 25 mm diameter 3 meter long steel rock bolts including drilling 45 mm dia holes, ...													
			Providing and fixing 25 mm diameter 3 meter long steel rock bolts including drilling 45 mm dia holes, plate, nuts, cement grout, cost of all materials, machinery, labour, ventilation, lighting, drainage and all other ancillary operations etc. complete as per Drawing and Technical Specifications.	Cum	2161.60	2161.60	2161.60	2136.30	2136.30	2136.30	2192.20	2192.20	2192.20	2166.90	2166.90	2166.90
B 18.10			Providing and fixing 32 mm diameter 7 meter long steel rock bolts including drilling 51 mm dia holes, ...													
			Providing and fixing 32 mm diameter 7 meter long steel rock bolts including drilling 51 mm dia holes, plate, nuts, cement grout, cost of all materials, machinery, labour, ventilation, lighting, drainage and all other ancillary operations etc. complete as per Drawing and Technical Specifications.	Cum	6032.60	6032.60	6032.60	5962.70	5962.70	5962.70	6146.90	6146.90	6146.90	6077.00	6077.00	6077.00
B 18.11			Grouting with Cement													
			Grouting cement slurry in grout holes under specified pressure for consolidation / contact grouting including cost of all materials, machinery, labour, redrilling wherever necessary, ventilation,lighting, drainage and other ancillary operations etc. complete as per Drawing and Technical Specifications.	Tonne	18441.60	18441.60	18441.60	18068.20	18068.20	18068.20	20659.50	20659.50	20659.50	20286.20	20286.20	20286.20
B 18.12			Furnishing and Placing Reinforced cement concrete in Tunnel Work as per drawing and Technical Specification													
	A		RCC Grade M20	Cum	14775.10	14775.10	14775.10	14591.10	14591.10	14591.10	17052.90	17052.90	17052.90	16868.90	16868.90	16868.90
	B		RCC Grade M25	Cum	15749.10	15749.10	15749.10	15565.10	15565.10	15565.10	18192.80	18192.80	18192.80	18008.80	18008.80	18008.80
	C		RCC Grade M 30	Cum	15834.30	15834.30	15834.30	15650.30	15650.30	15650.30	18290.00	18290.00	18290.00	18106.00	18106.00	18106.00
	D		RCC Grade M35	Cum	16117.60	16117.60	16117.60	15933.60	15933.60	15933.60	18619.70	18619.70	18619.70	18435.70	18435.70	18435.70
	E		RCC Grade M-40	Cum	16366.30	16366.30	16366.30	16182.30	16182.30	16182.30	18899.40	18899.40	18899.40	18715.30	18715.30	18715.30
	F		RCC Grade M-45	Cum	16423.90	16423.90	16423.90	16239.90	16239.90	16239.90	18960.70	18960.70	18960.70	18776.70	18776.70	18776.70
	G		RCC Grade M-50	Cum	17518.30	17518.30	17518.30	17334.20	17334.20	17334.20	20126.60	20126.60	20126.60	19942.60	19942.60	19942.60
	H		RCC Grade M- 55	Cum	17714.70	17714.70	17714.70	17530.70	17530.70	17530.70	20354.20	20354.20	20354.20	20170.20	20170.20	20170.20
	I		RCC Grade M- 60	Cum	18051.30	18051.30	18051.30	17867.30	17867.30	17867.30	20722.00	20722.00	20722.00	20537.90	20537.90	20537.90
	J		RCC Grade M- 60	Cum	14740.80	14740.80	14740.80	14562.70	14562.70	14562.70	16890.90	16890.90	16890.90	16712.80	16712.80	16712.80
B 18.13			Supplying, fitting and placing HYSD bar reinforcement in Tunnel Work complete as per drawing and technical specifications	MT	88638.10	88638.10	88638.10	88491.80	88491.80	88491.80	90793.90	90793.90	90793.90	90647.60	90647.60	90647.60

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 18.07			Shotcreting with Steel fibre reinforced micro silica shotcrete (SFRS)													
			Shotcreting to upper bench / lower bench with steel fiber reinforced shotcrete (SFRS) , shotcrete compressive strength shall be 25 N/mm2 and complete as per Drawing and Technical Specifications.	Cum	29638.10	29638.10	29638.10	29608.90	29608.90	29608.90	28814.90	28814.90	28814.90	28785.70	28785.70	28785.70
B 18.08			Shotcreting with welded wiremesh													
			Shotcreting to upper bench / lower bench with welded wiremesh , shotcrete compressive strength shall be 25 N/mm2 and complete as per Drawing and Technical Specifications.	Cum	23398.40	23398.40	23398.40	23726.10	23726.10	23726.10	22714.20	22714.20	22714.20	23041.90	23041.90	23041.90
B 18.09			Providing and fixing 25 mm diameter 3 meter long steel rock bolts including drilling 45 mm dia holes, ...													
			Providing and fixing 25 mm diameter 3 meter long steel rock bolts including drilling 45 mm dia holes, plate, nuts, cement grout, cost of all materials, machinery, labour, ventilation, lighting, drainage and all other ancillary operations etc. complete as per Drawing and Technical Specifications.	Cum	2219.70	2219.70	2219.70	2194.40	2194.40	2194.40	2213.30	2213.30	2213.30	2188.10	2188.10	2188.10
B 18.10			Providing and fixing 32 mm diameter 7 meter long steel rock bolts including drilling 51 mm dia holes, ...													
			Providing and fixing 32 mm diameter 7 meter long steel rock bolts including drilling 51 mm dia holes, plate, nuts, cement grout, cost of all materials, machinery, labour, ventilation, lighting, drainage and all other ancillary operations etc. complete as per Drawing and Technical Specifications.	Cum	6249.70	6249.70	6249.70	6179.70	6179.70	6179.70	6226.00	6226.00	6226.00	6156.00	6156.00	6156.00
B 18.11			Grouting with Cement													
			Grouting cement slurry in grout holes under specified pressure for consolidation / contact grouting including cost of all materials, machinery, labour, redrilling wherever necessary, ventilation,lighting, drainage and other ancillary operations etc. complete as per Drawing and Technical Specifications.	Tonne	22420.20	22420.20	22420.20	22046.90	22046.90	22046.90	22013.90	22013.90	22013.90	21640.50	21640.50	21640.50
B 18.12			Furnishing and Placing Reinforced cement concrete in Tunnel Work as per drawing and Technical Specification													
	A		RCC Grade M20	Cum	19009.00	19009.00	19009.00	18825.00	18825.00	18825.00	18557.60	18557.60	18557.60	18373.60	18373.60	18373.60
	B		RCC Grade M25	Cum	20282.70	20282.70	20282.70	20098.60	20098.60	20098.60	19800.40	19800.40	19800.40	19616.40	19616.40	19616.40
	C		RCC Grade M 30	Cum	20391.10	20391.10	20391.10	20207.10	20207.10	20207.10	19906.30	19906.30	19906.30	19722.20	19722.20	19722.20
	D		RCC Grade M35	Cum	20759.50	20759.50	20759.50	20575.50	20575.50	20575.50	20265.70	20265.70	20265.70	20081.70	20081.70	20081.70
	E		RCC Grade M-40	Cum	21071.60	21071.60	21071.60	20887.60	20887.60	20887.60	20570.30	20570.30	20570.30	20386.30	20386.30	20386.30
	F		RCC Grade M-45	Cum	21139.90	21139.90	21139.90	20955.90	20955.90	20955.90	20637.00	20637.00	20637.00	20453.00	20453.00	20453.00
	G		RCC Grade M-50	Cum	22438.80	22438.80	22438.80	22254.80	22254.80	22254.80	21905.30	21905.30	21905.30	21721.20	21721.20	21721.20
	H		RCC Grade M- 55	Cum	22693.00	22693.00	22693.00	22509.00	22509.00	22509.00	22153.30	22153.30	22153.30	21969.20	21969.20	21969.20
	I		RCC Grade M- 60	Cum	23103.00	23103.00	23103.00	22919.00	22919.00	22919.00	22553.60	22553.60	22553.60	22369.60	22369.60	22369.60
	J		RCC Grade M- 60	Cum	18808.60	18808.60	18808.60	18630.50	18630.50	18630.50	18366.00	18366.00	18366.00	18188.00	18188.00	18188.00
B 18.13			Supplying, fitting and placing HYSD bar reinforcement in Tunnel Work complete as per drawing and technical specifications	MT	92635.70	92635.70	92635.70	92489.40	92489.40	92489.40	92210.70	92210.70	92210.70	92064.40	92064.40	92064.40

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 18.07			Shotcreting with Steel fibre reinforced micro silica shotcrete (SFRS)													
			Shotcreting to upper bench / lower bench with steel fiber reinforced shotcrete (SFRS) , shotcrete compressive strength shall be 25 N/mm2 and complete as per Drawing and Technical Specifications.	Cum	23593.30	23593.30	23593.30	23564.10	23564.10	23564.10	30649.60	30649.60	30649.60	30620.50	30620.50	30620.50
B 18.08			Shotcreting with welded wiremesh													
			Shotcreting to upper bench / lower bench with welded wiremesh , shotcrete compressive strength shall be 25 N/mm2 and complete as per Drawing and Technical Specifications.	Cum	18187.40	18187.40	18187.40	18515.10	18515.10	18515.10	24363.60	24363.60	24363.60	24691.30	24691.30	24691.30
B 18.09			Providing and fixing 25 mm diameter 3 meter long steel rock bolts including drilling 45 mm dia holes, ...													
			Providing and fixing 25 mm diameter 3 meter long steel rock bolts including drilling 45 mm dia holes, plate, nuts, cement grout, cost of all materials, machinery, labour, ventilation, lighting, drainage and all other ancillary operations etc. complete as per Drawing and Technical Specifications.	Cum	2170.60	2170.60	2170.60	2145.30	2145.30	2145.30	2229.20	2229.20	2229.20	2203.90	2203.90	2203.90
B 18.10			Providing and fixing 32 mm diameter 7 meter long steel rock bolts including drilling 51 mm dia holes, ...													
			Providing and fixing 32 mm diameter 7 meter long steel rock bolts including drilling 51 mm dia holes, plate, nuts, cement grout, cost of all materials, machinery, labour, ventilation, lighting, drainage and all other ancillary operations etc. complete as per Drawing and Technical Specifications.	Cum	6066.10	6066.10	6066.10	5996.10	5996.10	5996.10	6285.20	6285.20	6285.20	6215.20	6215.20	6215.20
B 18.11			Grouting with Cement													
			Grouting cement slurry in grout holes under specified pressure for consolidation / contact grouting including cost of all materials, machinery, labour, redrilling wherever necessary, ventilation,lighting, drainage and other ancillary operations etc. complete as per Drawing and Technical Specifications.	Tonne	19190.70	19190.70	19190.70	18817.40	18817.40	18817.40	23083.40	23083.40	23083.40	22710.00	22710.00	22710.00
B 18.12			Furnishing and Placing Reinforced cement concrete in Tunnel Work as per drawing and Technical Specification													
	A		RCC Grade M20	Cum	15403.40	15403.40	15403.40	15219.40	15219.40	15219.40	19757.60	19757.60	19757.60	19573.60	19573.60	19573.60
	B		RCC Grade M25	Cum	16433.30	16433.30	16433.30	16249.30	16249.30	16249.30	21080.50	21080.50	21080.50	20896.50	20896.50	20896.50
	C		RCC Grade M 30	Cum	16522.50	16522.50	16522.50	16338.50	16338.50	16338.50	21192.30	21192.30	21192.30	21008.30	21008.30	21008.30
	D		RCC Grade M35	Cum	16821.30	16821.30	16821.30	16637.30	16637.30	16637.30	21574.40	21574.40	21574.40	21390.40	21390.40	21390.40
	E		RCC Grade M-40	Cum	17080.10	17080.10	17080.10	16896.10	16896.10	16896.10	21894.50	21894.50	21894.50	21710.50	21710.50	21710.50
	F		RCC Grade M-45	Cum	17138.80	17138.80	17138.80	16954.80	16954.80	16954.80	21963.40	21963.40	21963.40	21779.40	21779.40	21779.40
	G		RCC Grade M-50	Cum	18253.60	18253.60	18253.60	18069.60	18069.60	18069.60	23272.50	23272.50	23272.50	23088.50	23088.50	23088.50
	H		RCC Grade M- 55	Cum	18460.40	18460.40	18460.40	18276.40	18276.40	18276.40	23535.70	23535.70	23535.70	23351.70	23351.70	23351.70
	I		RCC Grade M- 60	Cum	18806.70	18806.70	18806.70	18622.70	18622.70	18622.70	23952.50	23952.50	23952.50	23768.50	23768.50	23768.50
	J		RCC Grade M- 60	Cum	15349.60	15349.60	15349.60	15171.50	15171.50	15171.50	19491.90	19491.90	19491.90	19313.80	19313.80	19313.80
B 18.13			Supplying, fitting and placing HYSD bar reinforcement in Tunnel Work complete as per drawing and technical specifications	MT	89269.30	89269.30	89269.30	89123.00	89123.00	89123.00	93321.50	93321.50	93321.50	93175.30	93175.30	93175.30

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 18.07			Shotcreting with Steel fibre reinforced micro silica shotcrete (SFRS)													
			Shotcreting to upper bench / lower bench with steel fiber reinforced shotcrete (SFRS) , shotcrete compressive strength shall be 25 N/mm2 and complete as per Drawing and Technical Specifications.	Cum	24789.10	24789.10	24789.10	24759.90	24759.90	24759.90	26521.50	26521.50	26521.50	26492.30	26492.30	26492.30
B 18.08			Shotcreting with welded wiremesh													
			Shotcreting to upper bench / lower bench with welded wiremesh , shotcrete compressive strength shall be 25 N/mm2 and complete as per Drawing and Technical Specifications.	Cum	19336.90	19336.90	19336.90	19664.60	19664.60	19664.60	20652.40	20652.40	20652.40	20980.10	20980.10	20980.10
B 18.09			Providing and fixing 25 mm diameter 3 meter long steel rock bolts including drilling 45 mm dia holes, ...													
			Providing and fixing 25 mm diameter 3 meter long steel rock bolts including drilling 45 mm dia holes, plate, nuts, cement grout, cost of all materials, machinery, labour, ventilation, lighting, drainage and all other ancillary operations etc. complete as per Drawing and Technical Specifications.	Cum	2181.90	2181.90	2181.90	2156.60	2156.60	2156.60	2193.50	2193.50	2193.50	2168.20	2168.20	2168.20
B 18.10			Providing and fixing 32 mm diameter 7 meter long steel rock bolts including drilling 51 mm dia holes, ...													
			Providing and fixing 32 mm diameter 7 meter long steel rock bolts including drilling 51 mm dia holes, plate, nuts, cement grout, cost of all materials, machinery, labour, ventilation, lighting, drainage and all other ancillary operations etc. complete as per Drawing and Technical Specifications.	Cum	6108.40	6108.40	6108.40	6038.50	6038.50	6038.50	6152.00	6152.00	6152.00	6082.00	6082.00	6082.00
B 18.11			Grouting with Cement													
			Grouting cement slurry in grout holes under specified pressure for consolidation / contact grouting including cost of all materials, machinery, labour, redrilling wherever necessary, ventilation,lighting, drainage and other ancillary operations etc. complete as per Drawing and Technical Specifications.	Tonne	19985.80	19985.80	19985.80	19612.50	19612.50	19612.50	20677.10	20677.10	20677.10	20303.70	20303.70	20303.70
B 18.12			Furnishing and Placing Reinforced cement concrete in Tunnel Work as per drawing and Technical Specification													
	A		RCC Grade M20	Cum	16301.50	16301.50	16301.50	16117.50	16117.50	16117.50	17057.60	17057.60	17057.60	16873.60	16873.60	16873.60
	B		RCC Grade M25	Cum	17390.50	17390.50	17390.50	17206.50	17206.50	17206.50	18200.20	18200.20	18200.20	18016.20	18016.20	18016.20
	C		RCC Grade M 30	Cum	17483.60	17483.60	17483.60	17299.60	17299.60	17299.60	18298.70	18298.70	18298.70	18114.60	18114.60	18114.60
	D		RCC Grade M35	Cum	17798.80	17798.80	17798.80	17614.70	17614.70	17614.70	18629.90	18629.90	18629.90	18445.90	18445.90	18445.90
	E		RCC Grade M-40	Cum	18067.00	18067.00	18067.00	17883.00	17883.00	17883.00	18915.00	18915.00	18915.00	18731.00	18731.00	18731.00
	F		RCC Grade M-45	Cum	18126.20	18126.20	18126.20	17942.20	17942.20	17942.20	18979.10	18979.10	18979.10	18795.10	18795.10	18795.10
	G		RCC Grade M-50	Cum	19251.20	19251.20	19251.20	19067.20	19067.20	19067.20	20196.20	20196.20	20196.20	20012.20	20012.20	20012.20
	H		RCC Grade M- 55	Cum	19468.80	19468.80	19468.80	19284.80	19284.80	19284.80	20425.20	20425.20	20425.20	20241.20	20241.20	20241.20
	I		RCC Grade M- 60	Cum	19822.70	19822.70	19822.70	19638.70	19638.70	19638.70	20804.90	20804.90	20804.90	20620.90	20620.90	20620.90
	J		RCC Grade M- 60	Cum	16166.90	16166.90	16166.90	15988.80	15988.80	15988.80	16958.70	16958.70	16958.70	16780.60	16780.60	16780.60
B 18.13			Supplying, fitting and placing HYSD bar reinforcement in Tunnel Work complete as per drawing and technical specifications	MT	90091.30	90091.30	90091.30	89945.00	89945.00	89945.00	90821.90	90821.90	90821.90	90675.60	90675.60	90675.60

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 18.07			Shotcreting with Steel fibre reinforced micro silica shotcrete (SFRS)													
			Shotcreting to upper bench / lower bench with steel fiber reinforced shotcrete (SFRS) , shotcrete compressive strength shall be 25 N/mm2 and complete as per Drawing and Technical Specifications.	Cum	36526.40	36526.40	36526.40	36497.30	36497.30	36497.30	33221.50	33221.50	33221.50	33192.30	33192.30	33192.30
B 18.08			Shotcreting with welded wiremesh													
			Shotcreting to upper bench / lower bench with welded wiremesh , shotcrete compressive strength shall be 25 N/mm2 and complete as per Drawing and Technical Specifications.	Cum	29777.20	29777.20	29777.20	30104.90	30104.90	30104.90	26750.20	26750.20	26750.20	27077.90	27077.90	27077.90
B 18.09			Providing and fixing 25 mm diameter 3 meter long steel rock bolts including drilling 45 mm dia holes, ...													
			Providing and fixing 25 mm diameter 3 meter long steel rock bolts including drilling 45 mm dia holes, plate, nuts, cement grout, cost of all materials, machinery, labour, ventilation, lighting, drainage and all other ancillary operations etc. complete as per Drawing and Technical Specifications.	Cum	2281.80	2281.80	2281.80	2256.50	2256.50	2256.50	2252.50	2252.50	2252.50	2227.20	2227.20	2227.20
B 18.10			Providing and fixing 32 mm diameter 7 meter long steel rock bolts including drilling 51 mm dia holes, ...													
			Providing and fixing 32 mm diameter 7 meter long steel rock bolts including drilling 51 mm dia holes, plate, nuts, cement grout, cost of all materials, machinery, labour, ventilation, lighting, drainage and all other ancillary operations etc. complete as per Drawing and Technical Specifications.	Cum	6481.30	6481.30	6481.30	6411.40	6411.40	6411.40	6371.90	6371.90	6371.90	6301.90	6301.90	6301.90
B 18.11			Grouting with Cement													
			Grouting cement slurry in grout holes under specified pressure for consolidation / contact grouting including cost of all materials, machinery, labour, redrilling wherever necessary, ventilation,lighting, drainage and other ancillary operations etc. complete as per Drawing and Technical Specifications.	Tonne	26680.60	26680.60	26680.60	26307.30	26307.30	26307.30	24680.60	24680.60	24680.60	24307.20	24307.20	24307.20
B 18.12			Furnishing and Placing Reinforced cement concrete in Tunnel Work as per drawing and Technical Specification													
	A		RCC Grade M20	Cum	23804.30	23804.30	23804.30	23620.30	23620.30	23620.30	21555.70	21555.70	21555.70	21371.70	21371.70	21371.70
	B		RCC Grade M25	Cum	25395.90	25395.90	25395.90	25211.90	25211.90	25211.90	22997.80	22997.80	22997.80	22813.80	22813.80	22813.80
	C		RCC Grade M 30	Cum	25526.80	25526.80	25526.80	25342.80	25342.80	25342.80	23118.00	23118.00	23118.00	22934.00	22934.00	22934.00
	D		RCC Grade M35	Cum	25983.90	25983.90	25983.90	25799.90	25799.90	25799.90	23533.30	23533.30	23533.30	23349.30	23349.30	23349.30
	E		RCC Grade M-40	Cum	26352.70	26352.70	26352.70	26168.70	26168.70	26168.70	23874.50	23874.50	23874.50	23690.50	23690.50	23690.50
	F		RCC Grade M-45	Cum	26427.00	26427.00	26427.00	26243.00	26243.00	26243.00	23945.60	23945.60	23945.60	23761.60	23761.60	23761.60
	G		RCC Grade M-50	Cum	27838.40	27838.40	27838.40	27654.40	27654.40	27654.40	25295.60	25295.60	25295.60	25111.60	25111.60	25111.60
	H		RCC Grade M- 55	Cum	28151.60	28151.60	28151.60	27967.60	27967.60	27967.60	25580.90	25580.90	25580.90	25396.90	25396.90	25396.90
	I		RCC Grade M- 60	Cum	28615.70	28615.70	28615.70	28431.70	28431.70	28431.70	26017.70	26017.70	26017.70	25833.70	25833.70	25833.70
	J		RCC Grade M- 60	Cum	23244.20	23244.20	23244.20	23066.20	23066.20	23066.20	21153.60	21153.60	21153.60	20975.50	20975.50	20975.50
B 18.13			Supplying, fitting and placing HYSD bar reinforcement in Tunnel Work complete as per drawing and technical specifications	MT	97051.40	97051.40	97051.40	96905.10	96905.10	96905.10	94976.70	94976.70	94976.70	94830.50	94830.50	94830.50

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			19 : ENVIRONMENTAL MANAGEMENT													
B 19.01			Noise Barriers													
	(i)		Masonry Wall	Cum	13797.10	13962.60	14220.90	13207.70	13121.90	13098.00	12295.60	12461.20	12719.40	11706.20	11620.40	11596.50
	(ii)		Galvanized steel plain sheet	Sqm	176.30	176.30	176.30	173.40	173.40	173.40	174.80	174.80	174.80	171.90	171.90	171.90
	(iii)		Acrylic noise barrier sheet	Sqm	236.90	236.90	236.90	234.10	234.10	234.10	231.30	231.30	231.30	228.50	228.50	228.50
B 19.02			Construction of bamboo crib wall complete as per drawing and additional Technical specification.	Metre	837.70	826.60	826.50	705.50	694.40	694.30	818.50	807.50	807.40	686.30	675.20	675.10
B 19.03			Construction of Fascines with a bundle of sticks complete as per drawing and additional Technical specification.	Metre	378.20	378.20	378.20	294.20	294.20	294.20	376.00	376.00	376.00	292.00	292.00	292.00
B 19.04			Contruction and laying of brush Layers across the slope complete as per drawing and additional Technical specification.	Sqm	295.20	295.20	295.20	287.50	287.50	287.50	279.80	279.80	279.80	272.00	272.00	272.00
B 19.05			Construction of vegetative Palisades in Rills using hard wood cutting complete as per drawing and additional Technical specification.	Metre	1245.00	1245.00	1245.00	1149.30	1149.30	1149.30	1179.90	1179.90	1179.90	1084.20	1084.20	1084.20
B 19.06			Laying of Palisades in Slopes complete as per drawing and additional Technical specification.	Sqm	295.20	295.20	295.20	287.50	287.50	287.50	279.80	279.80	279.80	272.00	272.00	272.00
B 19.07			Dust suppression													
			Sprinkling of water in the sellement and working area as per instruction of Engineer	KL	313.00	313.00	313.00	304.40	304.40	304.40	306.20	306.20	306.20	297.60	297.60	297.60
B 19.08			Water Quality Monitoring													
			(Grab Sample as per the monitoring locations mention in the EIA/EMP report or one sample/10 km length	Nos.	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80
B 19.09			Soil Quality Monitoring													
			(Grab Sample as per the monitoring locations mention in the EIA/EMP report or one sample/10 km length)	Nos.	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60
B 19.10			Ambient Air Quality Monitoring 24 hrs continuous for location as mention in the EIA/EMP report or one monitoring location within 10 km radius	Nos.	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70
B 19.11			Ambient Noise Monitoring 24 hour continuous													
			(To be carried out as per the location mention in the EIA/EMP report)	Nos.	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20
B 19.12			Consent Approvals (Once)													
	(i)		Consent to Establish (CTE)	Nos.	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80
B 19.12	(ii)		Consent to Operate (CTO)	Nos.	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80
B 19.13			Compliance submission for Consent Approvals (Half Yearly)													
	(i)		Compliance submission for Consent to Establish (CTE)	Nos.	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20
B 19.13			Compliance submission for Consent to Operate													
	(ii)		Compliance submission for Consent to Operate	Nos.	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20
			Environmental Enhancement													
B 19.14			Environmental Clearance Compliance (Half Yearly)	Nos.	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40
B 19.15			Environmental Workshops (Half Yearly)	Nos.	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			19 : ENVIRONMENTAL MANAGEMENT													
B 19.01			Noise Barriers													
	(i)		Masonry Wall	Cum	13797.10	13962.60	14220.90	13207.70	13121.90	13098.00	17195.90	17361.40	17619.70	16606.50	16520.70	16496.80
	(ii)		Galvanized steel plain sheet	Sqm	176.30	176.30	176.30	173.40	173.40	173.40	179.90	179.90	179.90	177.10	177.10	177.10
	(iii)		Acrylic noise barrier sheet	Sqm	236.90	236.90	236.90	234.10	234.10	234.10	244.70	244.70	244.70	241.80	241.80	241.80
B 19.02			Construction of bamboo crib wall complete as per drawing and additional Technical specification.	Metre	837.70	826.60	826.50	705.50	694.40	694.30	856.90	845.80	845.70	724.60	713.60	713.50
B 19.03			Construction of Fascines with a bundle of sticks complete as per drawing and additional Technical specification.	Metre	378.20	378.20	378.20	294.20	294.20	294.20	380.40	380.40	380.40	296.40	296.40	296.40
B 19.04			Contruction and laying of brush Layers across the slope complete as per drawing and additional Technical specification.	Sqm	295.20	295.20	295.20	287.50	287.50	287.50	310.60	310.60	310.60	302.90	302.90	302.90
B 19.05			Construction of vegetative Palisades in Rills using hard wood cutting complete as per drawing and additional Technical specification.	Metre	1245.00	1245.00	1245.00	1149.30	1149.30	1149.30	1310.10	1310.10	1310.10	1214.40	1214.40	1214.40
B 19.06			Laying of Palisades in Slopes complete as per drawing and additional Technical specification.	Sqm	295.20	295.20	295.20	287.50	287.50	287.50	310.60	310.60	310.60	302.90	302.90	302.90
B 19.07			Dust suppression													
			Sprinkling of water in the sellement and working area as per instruction of Engineer	KL	313.00	313.00	313.00	304.40	304.40	304.40	319.80	319.80	319.80	311.20	311.20	311.20
B 19.08			Water Quality Monitoring													
			(Grab Sample as per the monitoring locations mention in the EIA/EMP report or one sample/10 km length	Nos.	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80
B 19.09			Soil Quality Monitoring													
			(Grab Sample as per the monitoring locations mention in the EIA/EMP report or one sample/10 km length)	Nos.	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60
B 19.10			Ambient Air Quality Monitoring 24 hrs continuous for location as mention in the EIA/EMP report or one monitoring location within 10 km radius	Nos.	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70
B 19.11			Ambient Noise Monitoring 24 hour continuous													
			(To be carried out as per the location mention in the EIA/EMP report)	Nos.	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20
B 19.12			Consent Approvals (Once)													
	(i)		Consent to Establish (CTE)	Nos.	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80
B 19.12	(ii)		Consent to Operate (CTO)	Nos.	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80
B 19.13			Compliance submission for Consent Approvals (Half Yearly)													
	(i)		Compliance submission for Consent to Establish (CTE)	Nos.	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20
B 19.13			Compliance submission for Consent to Operate													
	(ii)		Compliance submission for Consent to Operate	Nos.	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20
			Environmental Enhancement													
B 19.14			Environmental Clearance Compliance (Half Yearly)	Nos.	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40
B 19.15			Environmental Workshops (Half Yearly)	Nos.	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			19 : ENVIRONMENTAL MANAGEMENT													
B 19.01			Noise Barriers													
	(i)		Masonry Wall	Cum	20295.10	20460.60	20718.90	19705.70	19619.90	19596.00	19579.90	19745.40	20003.70	18990.50	18904.70	18880.80
	(ii)		Galvanized steel plain sheet	Sqm	182.90	182.90	182.90	180.10	180.10	180.10	182.20	182.20	182.20	179.40	179.40	179.40
	(iii)		Acrylic noise barrier sheet	Sqm	255.40	255.40	255.40	252.60	252.60	252.60	252.90	252.90	252.90	250.10	250.10	250.10
B 19.02			Construction of bamboo crib wall complete as per drawing and additional Technical specification.	Metre	892.40	881.40	881.30	760.20	749.20	749.10	884.20	873.20	873.10	752.00	740.90	740.90
B 19.03			Construction of Fascines with a bundle of sticks complete as per drawing and additional Technical specification.	Metre	384.60	384.60	384.60	300.60	300.60	300.60	383.60	383.60	383.60	299.60	299.60	299.60
B 19.04			Contruction and laying of brush Layers across the slope complete as per drawing and additional Technical specification.	Sqm	339.30	339.30	339.30	331.60	331.60	331.60	332.70	332.70	332.70	325.00	325.00	325.00
B 19.05			Construction of vegetative Palisades in Rills using hard wood cutting complete as per drawing and additional Technical specification.	Metre	1431.10	1431.10	1431.10	1335.40	1335.40	1335.40	1403.20	1403.20	1403.20	1307.50	1307.50	1307.50
B 19.06			Laying of Palisades in Slopes complete as per drawing and additional Technical specification.	Sqm	339.30	339.30	339.30	331.60	331.60	331.60	332.70	332.70	332.70	325.00	325.00	325.00
B 19.07			Dust suppression													
			Sprinkling of water in the sellement and working area as per instruction of Engineer	KL	332.50	332.50	332.50	323.80	323.80	323.80	329.50	329.50	329.50	320.90	320.90	320.90
B 19.08			Water Quality Monitoring													
			(Grab Sample as per the monitoring locations mention in the EIA/EMP report or one sample/10 km length	Nos.	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80
B 19.09			Soil Quality Monitoring													
			(Grab Sample as per the monitoring locations mention in the EIA/EMP report or one sample/10 km length)	Nos.	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60
B 19.10			Ambient Air Quality Monitoring 24 hrs continuous for location as mention in the EIA/EMP report or one monitoring location within 10 km radius	Nos.	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70
B 19.11			Ambient Noise Monitoring 24 hour continuous													
			(To be carried out as per the location mention in the EIA/EMP report)	Nos.	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20
B 19.12			Consent Approvals (Once)													
	(i)		Consent to Establish (CTE)	Nos.	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80
B 19.12	(ii)		Consent to Operate (CTO)	Nos.	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80
B 19.13			Compliance submission for Consent Approvals (Half Yearly)													
	(i)		Compliance submission for Consent to Establish (CTE)	Nos.	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20
B 19.13			Compliance submission for Consent to Operate													
	(ii)		Compliance submission for Consent to Operate	Nos.	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20
			Environmental Enhancement													
B 19.14			Environmental Clearance Compliance (Half Yearly)	Nos.	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40
B 19.15			Environmental Workshops (Half Yearly)	Nos.	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			19 : ENVIRONMENTAL MANAGEMENT													
B 19.01			Noise Barriers													
	(i)		Masonry Wall	Cum	14576.70	14742.20	15000.50	13987.30	13901.50	13877.60	21485.00	21650.50	21908.80	20895.50	20809.70	20785.80
	(ii)		Galvanized steel plain sheet	Sqm	177.30	177.30	177.30	174.50	174.50	174.50	184.10	184.10	184.10	181.30	181.30	181.30
	(iii)		Acrylic noise barrier sheet	Sqm	239.20	239.20	239.20	236.30	236.30	236.30	257.20	257.20	257.20	254.30	254.30	254.30
B 19.02			Construction of bamboo crib wall complete as per drawing and additional Technical specification.	Metre	843.20	832.10	832.00	710.90	699.90	699.80	895.20	884.10	884.00	763.00	751.90	751.80
B 19.03			Construction of Fascines with a bundle of sticks complete as per drawing and additional Technical specification.	Metre	378.80	378.80	378.80	294.80	294.80	294.80	384.90	384.90	384.90	300.90	300.90	300.90
B 19.04			Contruction and laying of brush Layers across the slope complete as per drawing and additional Technical specification.	Sqm	299.60	299.60	299.60	291.90	291.90	291.90	341.50	341.50	341.50	333.80	333.80	333.80
B 19.05			Construction of vegetative Palisades in Rills using hard wood cutting complete as per drawing and additional Technical specification.	Metre	1263.60	1263.60	1263.60	1167.90	1167.90	1167.90	1440.40	1440.40	1440.40	1344.70	1344.70	1344.70
B 19.06			Laying of Palisades in Slopes complete as per drawing and additional Technical specification.	Sqm	299.60	299.60	299.60	291.90	291.90	291.90	341.50	341.50	341.50	333.80	333.80	333.80
B 19.07			Dust suppression													
			Sprinkling of water in the sellement and working area as per instruction of Engineer	KL	314.90	314.90	314.90	306.30	306.30	306.30	333.40	333.40	333.40	324.80	324.80	324.80
B 19.08			Water Quality Monitoring													
			(Grab Sample as per the monitoring locations mention in the EIA/EMP report or one sample/10 km length	Nos.	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80
B 19.09			Soil Quality Monitoring													
			(Grab Sample as per the monitoring locations mention in the EIA/EMP report or one sample/10 km length)	Nos.	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60
B 19.10			Ambient Air Quality Monitoring 24 hrs continuous for location as mention in the EIA/EMP report or one monitoring location within 10 km radius	Nos.	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70
B 19.11			Ambient Noise Monitoring 24 hour continuous													
			(To be carried out as per the location mention in the EIA/EMP report)	Nos.	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20
B 19.12			Consent Approvals (Once)													
	(i)		Consent to Establish (CTE)	Nos.	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80
B 19.12	(ii)		Consent to Operate (CTO)	Nos.	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80
B 19.13			Compliance submission for Consent Approvals (Half Yearly)													
	(i)		Compliance submission for Consent to Establish (CTE)	Nos.	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20
B 19.13			Compliance submission for Consent to Operate													
	(ii)		Compliance submission for Consent to Operate	Nos.	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20
			Environmental Enhancement													
B 19.14			Environmental Clearance Compliance (Half Yearly)	Nos.	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40
B 19.15			Environmental Workshops (Half Yearly)	Nos.	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			19 : ENVIRONMENTAL MANAGEMENT													
B 19.01			Noise Barriers													
	(i)		Masonry Wall	Cum	16004.40	16170.00	16428.20	15415.00	15329.20	15305.30	17198.50	17364.10	17622.30	16609.10	16523.30	16499.40
	(ii)		Galvanized steel plain sheet	Sqm	178.70	178.70	178.70	175.90	175.90	175.90	179.90	179.90	179.90	177.10	177.10	177.10
	(iii)		Acrylic noise barrier sheet	Sqm	241.10	241.10	241.10	238.30	238.30	238.30	247.70	247.70	247.70	244.80	244.80	244.80
B 19.02			Construction of bamboo crib wall complete as per drawing and additional Technical specification.	Metre	845.90	834.80	834.70	713.70	702.60	702.50	870.50	859.50	859.40	738.30	727.30	727.20
B 19.03			Construction of Fascines with a bundle of sticks complete as per drawing and additional Technical specification.	Metre	379.20	379.20	379.20	295.20	295.20	295.20	382.00	382.00	382.00	298.00	298.00	298.00
B 19.04			Contruction and laying of brush Layers across the slope complete as per drawing and additional Technical specification.	Sqm												
					301.80	301.80	301.80	294.10	294.10	294.10	321.70	321.70	321.70	313.90	313.90	313.90
B 19.05			Construction of vegetative Palisades in Rills using hard wood cutting complete as per drawing and additional Technical specification.	Metre	1272.90	1272.90	1272.90	1177.20	1177.20	1177.20	1356.70	1356.70	1356.70	1261.00	1261.00	1261.00
B 19.06			Laying of Palisades in Slopes complete as per drawing and additional Technical specification.	Sqm	301.80	301.80	301.80	294.10	294.10	294.10	321.70	321.70	321.70	313.90	313.90	313.90
B 19.07			Dust suppression													
			Sprinkling of water in the sellement and working area as per instruction of Engineer	KL	315.90	315.90	315.90	307.30	307.30	307.30	324.70	324.70	324.70	316.10	316.10	316.10
B 19.08			Water Quality Monitoring													
			(Grab Sample as per the monitoring locations mention in the EIA/EMP report or one sample/10 km length	Nos.	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80
B 19.09			Soil Quality Monitoring													
			(Grab Sample as per the monitoring locations mention in the EIA/EMP report or one sample/10 km length)	Nos.	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60
B 19.10			Ambient Air Quality Monitoring 24 hrs continuous for location as mention in the EIA/EMP report or one monitoring location within 10 km radius	Nos.	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70
B 19.11			Ambient Noise Monitoring 24 hour continuous													
			(To be carried out as per the location mention in the EIA/EMP report)	Nos.	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20
B 19.12			Consent Approvals (Once)													
	(i)		Consent to Establish (CTE)	Nos.	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80
B 19.12	(ii)		Consent to Operate (CTO)	Nos.	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80
B 19.13			Compliance submission for Consent Approvals (Half Yearly)													
	(i)		Compliance submission for Consent to Establish (CTE)	Nos.	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20
B 19.13			Compliance submission for Consent to Operate													
	(ii)		Compliance submission for Consent to Operate	Nos.	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20
			Environmental Enhancement													
B 19.14			Environmental Clearance Compliance (Half Yearly)	Nos.	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40
B 19.15			Environmental Workshops (Half Yearly)	Nos.	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
			19 : ENVIRONMENTAL MANAGEMENT													
B 19.01			Noise Barriers													
	(i)		Masonry Wall	Cum	27912.70	28078.30	28336.50	27323.30	27237.50	27213.60	24341.50	24507.10	24765.30	23752.10	23666.30	23642.40
	(ii)		Galvanized steel plain sheet	Sqm	190.40	190.40	190.40	187.60	187.60	187.60	186.90	186.90	186.90	184.10	184.10	184.10
	(iii)		Acrylic noise barrier sheet	Sqm	269.30	269.30	269.30	266.50	266.50	266.50	262.30	262.30	262.30	259.50	259.50	259.50
B 19.02			Construction of bamboo crib wall complete as per drawing and additional Technical specification.	Metre	922.60	911.50	911.40	790.30	779.30	779.20	906.10	895.10	895.00	773.90	762.80	762.80
B 19.03			Construction of Fascines with a bundle of sticks complete as per drawing and additional Technical specification.	Metre	388.10	388.10	388.10	304.10	304.10	304.10	386.20	386.20	386.20	302.20	302.20	302.20
B 19.04			Contruction and laying of brush Layers across the slope complete as per drawing and additional Technical specification.	Sqm												
					363.50	363.50	363.50	355.80	355.80	355.80	350.30	350.30	350.30	342.60	342.60	342.60
B 19.05			Construction of vegetative Palisades in Rills using hard wood cutting complete as per drawing and additional Technical specification.	Metre	1533.40	1533.40	1533.40	1437.80	1437.80	1437.80	1477.60	1477.60	1477.60	1381.90	1381.90	1381.90
B 19.06			Laying of Palisades in Slopes complete as per drawing and additional Technical specification.	Sqm	363.50	363.50	363.50	355.80	355.80	355.80	350.30	350.30	350.30	342.60	342.60	342.60
B 19.07			Dust suppression													
			Sprinkling of water in the sellement and working area as per instruction of Engineer	KL	343.20	343.20	343.20	334.50	334.50	334.50	337.30	337.30	337.30	328.70	328.70	328.70
B 19.08			Water Quality Monitoring													
			(Grab Sample as per the monitoring locations mention in the EIA/EMP report or one sample/10 km length	Nos.	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80	14637.80
B 19.09			Soil Quality Monitoring													
			(Grab Sample as per the monitoring locations mention in the EIA/EMP report or one sample/10 km length)	Nos.	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60	10332.60
B 19.10			Ambient Air Quality Monitoring 24 hrs continuous for location as mention in the EIA/EMP report or one monitoring location within 10 km radius	Nos.	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70	12915.70
B 19.11			Ambient Noise Monitoring 24 hour continuous													
			(To be carried out as per the location mention in the EIA/EMP report)	Nos.	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20	3444.20
B 19.12			Consent Approvals (Once)													
	(i)		Consent to Establish (CTE)	Nos.	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80
B 19.12	(ii)		Consent to Operate (CTO)	Nos.	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80	172209.80
B 19.13			Compliance submission for Consent Approvals (Half Yearly)													
	(i)		Compliance submission for Consent to Establish (CTE)	Nos.	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20
B 19.13			Compliance submission for Consent to Operate													
	(ii)		Compliance submission for Consent to Operate	Nos.	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20	20665.20
			Environmental Enhancement													
B 19.14			Environmental Clearance Compliance (Half Yearly)	Nos.	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40
B 19.15			Environmental Workshops (Half Yearly)	Nos.	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40	43052.40

					Kohima						Dimapur					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 19.16			Pollution prevention													
			Silt fencing on either side of the streams and rivers including erection and maintenance for entire construction phase.	RM	89.60	89.60	89.60	84.50	84.50	84.50	85.20	85.20	85.20	80.10	80.10	80.10
B 19.17			Road Safety Audit during Construction Period & Maintenance Period													
			Road Safety Audit during Construction Period & Maintenance Period including collection of Road accident data and analysis of fatal and grievously injured accident with black spot identification report, submission of GAP report, Road Safety Audit Reports on all activities which were planned, actually executed and planned for the next quarter report, Submission of audit report of work zone safety, workshop report and Final Safety report complete as per IRC-SP-88 and directed by engineer.													
	A		Upto 50.00 Kilometer		11394261	11394261	11394261	11394261	11394261	11394261	11394261	11394261	11394261	11394261	11394261	11394261
	B		Between 50.00 to 100.00 Kilometre		14728243	14728243	14728243	14728243	14728243	14728243	14728243	14728243	14728243	14728243	14728243	14728243
	C		More than 100 Km.		18062225	18062225	18062225	18062225	18062225	18062225	18062225	18062225	18062225	18062225	18062225	18062225
B 19.18			Road Safety Audit during Maintenance Period													
			Road Safety Audit during Maintenance Period including collection of Road accident data and analysis of fatal and grievously injured accident with black spot identification report, submission of GAP report, Road Safety Audit Reports on all activities which were planned, actually executed and planned for the next quarter report, submission of audit report of work zone safety (Maintenance work), workshop report and Final Safety report complete as per IRC-SP-88 and directed by engineer.													
	A		Upto 50.00 Kilometer		7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50
	B		Between 50.00 Km to 100 Km		8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00
	C		More than 100 Km.		9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40

					Peren						Wokha					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 19.16			Pollution prevention													
			Silt fencing on either side of the streams and rivers including erection and maintenance for entire construction phase.	RM	89.60	89.60	89.60	84.50	84.50	84.50	94.10	94.10	94.10	88.90	88.90	88.90
B 19.17			Road Safety Audit during Construction Period & Maintenance Period													
			Road Safety Audit during Construction Period & Maintenance Period including collection of Road accident data and analysis of fatal and grievously injured accident with black spot identification report, submission of GAP report, Road Safety Audit Reports on all activities which were planned, actually executed and planned for the next quarter report, Submission of audit report of work zone safety, workshop report and Final Safety report complete as per IRC-SP-88 and directed by engineer.													
	A		Upto 50.00 Kilometer		11394261	11394261	11394261	11394261	11394261	11394261	11394261	11394261	11394261	11394261	11394261	11394261
	B		Between 50.00 to 100.00 Kilometre		14728243	14728243	14728243	14728243	14728243	14728243	14728243	14728243	14728243	14728243	14728243	14728243
	C		More than 100 Km.		18062225	18062225	18062225	18062225	18062225	18062225	18062225	18062225	18062225	18062225	18062225	18062225
B 19.18			Road Safety Audit during Maintenance Period													
			Road Safety Audit during Maintenance Period including collection of Road accident data and analysis of fatal and grievously injured accident with black spot identification report, submission of GAP report, Road Safety Audit Reports on all activities which were planned, actually executed and planned for the next quarter report, submission of audit report of work zone safety (Maintenance work), workshop report and Final Safety report complete as per IRC-SP-88 and directed by engineer.													
	A		Upto 50.00 Kilometer		7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50
	B		Between 50.00 Km to 100 Km		8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00
	C		More than 100 Km.		9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40

					Phek						Zunheboto					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 19.16			Pollution prevention													
			Silt fencing on either side of the streams and rivers including erection and maintenance for entire construction phase.	RM	102.30	102.30	102.30	97.20	97.20	97.20	100.40	100.40	100.40	95.30	95.30	95.30
B 19.17			Road Safety Audit during Construction Period & Maintenance Period													
			Road Safety Audit during Construction Period & Maintenance Period including collection of Road accident data and analysis of fatal and grievously injured accident with black spot identification report, submission of GAP report, Road Safety Audit Reports on all activities which were planned, actually executed and planned for the next quarter report, Submission of audit report of work zone safety, workshop report and Final Safety report complete as per IRC-SP-88 and directed by engineer.													
	A		Upto 50.00 Kilometer		11394261	11394261	11394261	11394261	11394261	11394261	11394261	11394261	11394261	11394261	11394261	11394261
	B		Between 50.00 to 100.00 Kilometre		14728243	14728243	14728243	14728243	14728243	14728243	14728243	14728243	14728243	14728243	14728243	14728243
	C		More than 100 Km.		18062225	18062225	18062225	18062225	18062225	18062225	18062225	18062225	18062225	18062225	18062225	18062225
B 19.18			Road Safety Audit during Maintenance Period													
			Road Safety Audit during Maintenance Period including collection of Road accident data and analysis of fatal and grievously injured accident with black spot identification report, submission of GAP report, Road Safety Audit Reports on all activities which were planned, actually executed and planned for the next quarter report, submission of audit report of work zone safety (Maintenance work), workshop report and Final Safety report complete as per IRC-SP-88 and directed by engineer.													
	A		Upto 50.00 Kilometer		7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50
	B		Between 50.00 Km to 100 Km		8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00
	C		More than 100 Km.		9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40

					Mokokchung						Tuensang					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 19.16			Pollution prevention													
			Silt fencing on either side of the streams and rivers including erection and maintenance for entire construction phase.	RM	90.90	90.90	90.90	85.80	85.80	85.80	102.90	102.90	102.90	97.80	97.80	97.80
B 19.17			Road Safety Audit during Construction Period & Maintenance Period													
			Road Safety Audit during Construction Period & Maintenance Period including collection of Road accident data and analysis of fatal and grievously injured accident with black spot identification report, submission of GAP report, Road Safety Audit Reports on all activities which were planned, actually executed and planned for the next quarter report, Submission of audit report of work zone safety, workshop report and Final Safety report complete as per IRC-SP-88 and directed by engineer.													
	A		Upto 50.00 Kilometer		11394261	11394261	11394261	11394261	11394261	11394261	11394261	11394261	11394261	11394261	11394261	11394261
	B		Between 50.00 to 100.00 Kilometre		14728243	14728243	14728243	14728243	14728243	14728243	14728243	14728243	14728243	14728243	14728243	14728243
	C		More than 100 Km.		18062225	18062225	18062225	18062225	18062225	18062225	18062225	18062225	18062225	18062225	18062225	18062225
B 19.18			Road Safety Audit during Maintenance Period													
			Road Safety Audit during Maintenance Period including collection of Road accident data and analysis of fatal and grievously injured accident with black spot identification report, submission of GAP report, Road Safety Audit Reports on all activities which were planned, actually executed and planned for the next quarter report, submission of audit report of work zone safety (Maintenance work), workshop report and Final Safety report complete as per IRC-SP-88 and directed by engineer.													
	A		Upto 50.00 Kilometer		7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50
	B		Between 50.00 Km to 100 Km		8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00
	C		More than 100 Km.		9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40

					Mon						Longleng					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 19.16			Pollution prevention													
			Silt fencing on either side of the streams and rivers including erection and maintenance for entire construction phase.	RM	91.50	91.50	91.50	86.40	86.40	86.40	97.20	97.20	97.20	92.10	92.10	92.10
B 19.17			Road Safety Audit during Construction Period & Maintenance Period													
			Road Safety Audit during Construction Period & Maintenance Period including collection of Road accident data and analysis of fatal and grievously injured accident with black spot identification report, submission of GAP report, Road Safety Audit Reports on all activities which were planned, actually executed and planned for the next quarter report, Submission of audit report of work zone safety, workshop report and Final Safety report complete as per IRC-SP-88 and directed by engineer.													
	A		Upto 50.00 Kilometer		11394261	11394261	11394261	11394261	11394261	11394261	11394261	11394261	11394261	11394261	11394261	11394261
	B		Between 50.00 to 100.00 Kilometre		14728243	14728243	14728243	14728243	14728243	14728243	14728243	14728243	14728243	14728243	14728243	14728243
	C		More than 100 Km.		18062225	18062225	18062225	18062225	18062225	18062225	18062225	18062225	18062225	18062225	18062225	18062225
B 19.18			Road Safety Audit during Maintenance Period													
			Road Safety Audit during Maintenance Period including collection of Road accident data and analysis of fatal and grievously injured accident with black spot identification report, submission of GAP report, Road Safety Audit Reports on all activities which were planned, actually executed and planned for the next quarter report, submission of audit report of work zone safety (Maintenance work), workshop report and Final Safety report complete as per IRC-SP-88 and directed by engineer.													
	A		Upto 50.00 Kilometer		7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50
	B		Between 50.00 Km to 100 Km		8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00
	C		More than 100 Km.		9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40

					Kiphire						Noklak					
					Hilly Terrain			Plain / Rolling Terrain			Hilly Terrain			Plain / Rolling Terrain		
					Project Size			Project size			Project Size			Project size		
Sr. No			Description	Unit	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
B 19.16			Pollution prevention													
			Silt fencing on either side of the streams and rivers including erection and maintenance for entire construction phase.	RM	109.30	109.30	109.30	104.10	104.10	104.10	105.50	105.50	105.50	100.30	100.30	100.30
B 19.17			Road Safety Audit during Construction Period & Maintenance Period													
			Road Safety Audit during Construction Period & Maintenance Period including collection of Road accident data and analysis of fatal and grievously injured accident with black spot identification report, submission of GAP report, Road Safety Audit Reports on all activities which were planned, actually executed and planned for the next quarter report, Submission of audit report of work zone safety, workshop report and Final Safety report complete as per IRC-SP-88 and directed by engineer.													
	A		Upto 50.00 Kilometer		11394261	11394261	11394261	11394261	11394261	11394261	11394261	11394261	11394261	11394261	11394261	11394261
	B		Between 50.00 to 100.00 Kilometre		14728243	14728243	14728243	14728243	14728243	14728243	14728243	14728243	14728243	14728243	14728243	14728243
	C		More than 100 Km.		18062225	18062225	18062225	18062225	18062225	18062225	18062225	18062225	18062225	18062225	18062225	18062225
B 19.18			Road Safety Audit during Maintenance Period													
			Road Safety Audit during Maintenance Period including collection of Road accident data and analysis of fatal and grievously injured accident with black spot identification report, submission of GAP report, Road Safety Audit Reports on all activities which were planned, actually executed and planned for the next quarter report, submission of audit report of work zone safety (Maintenance work), workshop report and Final Safety report complete as per IRC-SP-88 and directed by engineer.													
	A		Upto 50.00 Kilometer		7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50	7321499.50
	B		Between 50.00 Km to 100 Km		8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00	8647515.00
	C		More than 100 Km.		9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40	9973530.40

APPENDIX		
Sl. No	DESCRIPTION	PAGE NO
1.0	Plinth Area Rates under Nagaland PWD 2021	1
2.0	Schedule of Rates for Material testing	5
3.0	Weight of Materials and Works	6
4.0	Roof Load and Safe Load	7
5.0	Cement Consumption	9
6.0	Quantity of Cement, Sand and Aggregates	10
7.0	Quantity of Paint and Distemper, etc	14
8.0	Practical Data and Information	15
9.0	Specification of Works	17
10.0	Conversion from one system to another	20
11.0	Aluminium Section Profiles	26
12.0	Requirement of Materials in Bituminous Works	31
13.0	Requirement of Materials in WBM Works	33

PLINTH AREA RATES UNDER NAGALAND PWD 2021

Sl.no	District	Unit	Brick Walling	RCC	First Floor
1	KOHIMA	sq ft	2300	2380	2140
		sq m	24755	25616	23033
2	DIMAPUR	sq ft	2050	2100	1850
		sq m	22064	22602	19912
3	PEREN	sq ft	2300	2380	2140
		sq m	24755	25616	23033
4	WOKHA	sq ft	2450	2725	2250
		sq m	26369	29329	24217
5	PHEK	sq ft	2520	2850	2400
		sq m	27123	30675	25831
6	ZUNHEBOTO	sq ft	2580	2800	2350
		sq m	27769	30136	25293
7	MOKOKCHUNG	sq ft	2320	2500	2050
		sq m	24970	26908	22064
8	TUENSANG	sq ft	2650	3020	2530
		sq m	28522	32504	27230
9	MON	sq ft	2400	2625	2100
		sq m	25831	28253	22602
10	LONGLENG	sq ft	2510	2750	2300
		sq m	27015	29598	24755
11	KIPHIRE	sq ft	2880	3415	2670
		sq m	30997	36756	28737
12	NOKLAK	sq ft	2750	3250	2560
		sq m	29598	34980	27553

PLINTH AREA RATES UNDER NAGALAND NPWD

Sl.No	Administrative Block	Unit	Brick Wall with CGI Roof	Ground Floor	First Floor	Sl.No	Administrative Block	Unit	Brick Wall with CGI Roof	Ground Floor	First Floor
1-a	KOHIMA	Sq ft	2300.00	2380.00	2140.00	4-a	WOKHA	Sq ft	2450.00	2725.00	2250.00
		Sq m	24754.90	25615.94	23032.82			Sq m	26369.35	29329.18	24216.75
b	Tseminyu	Sq ft	2392.00	2475.20	2225.60	b	Bhandari	Sq ft	2254.00	2507.00	2070.00
		Sq m	25745.10	26640.58	23954.13			Sq m	24259.80	26982.84	22279.41
c	Sechu	Sq ft	2277.00	2356.20	2118.60	c	DHEP	Sq ft	2278.50	2534.25	2092.50
		Sq m	24507.35	25359.78	22802.49			Sq m	24523.50	27276.13	22521.58
d	Chiephobozu	Sq ft	2346.00	2427.60	2182.80	d	Ralan	Sq ft	2205.00	2452.50	2025.00
		Sq m	25250.00	26128.26	23493.48			Sq m	23732.42	26396.26	21795.08
e	Jakhama	Sq ft	2323.00	2403.80	2161.40	e	Sanis	Sq ft	2278.50	2534.25	2092.50
		Sq m	25002.45	25872.10	23263.15			Sq m	24523.50	27276.13	22521.58
2-a	DIMAPUR	Sq ft	2050.00	2100.00	1850.00	5-a	PHEK	Sq ft	2520.00	2850.00	2400.00
		Sq m	22064.15	22602.30	19911.55			Sq m	27122.76	30674.55	25831.20
b	ADC, Niuland	Sq ft	2091.00	2142.00	1887.00	b	Pfutsero	Sq ft	2343.60	2650.50	2232.00
		Sq m	22505.43	23054.35	20309.78			Sq m	25224.17	28527.33	24023.02
c	Medziphema	Sq ft	2091.00	2142.00	1887.00	c	Chozuba	Sq ft	2343.60	2650.50	2232.00
		Sq m	22505.43	23054.35	20309.78			Sq m	25224.17	28527.33	24023.02
d	Dhansiripar	Sq ft	2091.00	2142.00	1887.00	d	Meluri	Sq ft	2545.20	2878.50	2424.00
		Sq m	22505.43	23054.35	20309.78			Sq m	27393.99	30981.30	26089.51
e	Kuhuboto	Sq ft	2070.50	2121.00	1868.50	e	Chizami	Sq ft	2368.80	2679.00	2256.00
		Sq m	22284.79	22828.32	20110.67			Sq m	25495.39	28834.08	24281.33
3-a	PEREN	Sq ft	2300.00	2380.00	2140.00	6-a	KIPHIRE	Sq ft	2880.00	3415.00	2670.00
		Sq m	24754.90	25615.94	23032.82			Sq m	30997.44	36755.65	28737.21
b	Jalukie	Sq ft	2277.00	2356.20	2118.60	b	Seyochung	Sq ft	2908.80	3449.15	2696.70
		Sq m	24507.35	25359.78	22802.49			Sq m	31307.41	37123.20	29024.58
c	Tening	Sq ft	2392.00	2475.20	2225.60	c	Pungro	Sq ft	2937.60	3483.30	2723.40
		Sq m	25745.10	26640.58	23954.13			Sq m	31617.39	37490.76	29311.95

Sl.No	Administrative Block	Unit	Brick Wall with CGI Roof	Ground Floor	First Floor	Sl.No	Administrative Block	Unit	Brick Wall with CGI Roof	Ground Floor	First Floor
7-a	ZUNHEBOTO	Sq ft	2580.00	2800.00	2350.00	10-a	MON	Sq ft	2400.00	2625.00	2100.00
		Sq m	27768.54	30136.40	25293.05			Sq m	25831.20	28252.88	22602.30
b	Aghunato	Sq ft	2734.80	2968.00	2491.00	b	Aboi	Sq ft	2448.00	2677.50	2142.00
		Sq m	29434.65	31944.58	26810.63			Sq m	26347.82	28817.93	23054.35
c	Phughoboto	Sq ft	2322.00	2520.00	2115.00	c	Naganimora	Sq ft	2280.00	2493.75	1995.00
		Sq m	24991.69	27122.76	22763.75			Sq m	24539.64	26840.23	21472.19
d	Suruhoto	Sq ft	2528.40	2744.00	2303.00	d	Tizit	Sq ft	2328.00	2546.25	2037.00
		Sq m	27213.17	29533.67	24787.19			Sq m	25056.26	27405.29	21924.23
e	Akuluto	Sq ft	2451.00	2660.00	2232.50	e	Wakching	Sq ft	2496.00	2730.00	2184.00
		Sq m	26380.11	28629.58	24028.40			Sq m	26864.45	29382.99	23506.39
f	Atoizu	Sq ft	2528.40	2744.00	2303.00	f	Phomching	Sq ft	2448.00	2677.50	2142.00
		Sq m	27213.17	29533.67	24787.19			Sq m	26347.82	28817.93	23054.35
g	Satakha	Sq ft	2528.40	2744.00	2303.00	g	Chen	Sq ft	2688.00	2940.00	2352.00
		Sq m	27213.17	29533.67	24787.19			Sq m	28930.94	31643.22	25314.58
8-a	MOKOKCHUNG	Sq ft	2320.00	2500.00	2050.00	h	Angjangyang	Sq ft	2688.00	2940.00	2352.00
		Sq m	24970.16	26907.50	22064.15			Sq m	28930.94	31643.22	25314.58
b	Mangkolemba	Sq ft	2250.40	2425.00	1988.50	i	Manyakshu	Sq ft	3000.00	3281.25	2625.00
		Sq m	24221.06	26100.28	21402.23			Sq m	32289.00	35316.09	28252.88
c	Tuli	Sq ft	2227.20	2400.00	1968.00	11-a	TUENSANG	Sq ft	2650.00	3020.00	2530.00
		Sq m	23971.35	25831.20	21181.58			Sq m	28521.95	32504.26	27230.39
d	Changtongya	Sq ft	2273.60	2450.00	2009.00	b	Shamatore	Sq ft	2809.00	3201.20	2681.80
		Sq m	24470.76	26369.35	21622.87			Sq m	30233.27	34454.52	28864.21
9-a	LONGLENG	Sq ft	2510.00	2750.00	2300.00	c	Longkhim	Sq ft	2544.00	2899.20	2428.80
		Sq m	27015.13	29598.25	24754.90			Sq m	27381.07	31204.09	26141.17
b	Tamlu	Sq ft	2434.70	2667.50	2231.00	12-a	NOKLAK	Sq ft	2750.00	3250.00	2560.00
		Sq m	26204.68	28710.30	24012.25			Sq m	29598.25	34979.75	27553.28
						b	Thonoknyu	Sq ft	2915.00	3445.00	2713.60
								Sq m	31374.15	37078.54	29206.48

Multiplication factor (MF) of Administrative Blocks with respect to the Districts

ANNEXURE - I

Sl.No	Name of Block	M.F	Sl.No	Name of Block	M.F
1	KOHIMA	1.00	8	MOKOKCHUNG	1.00
	ADC, Tseminyu	1.04		ADC, Mangkolemba	0.97
	SDO (C), Sechu	0.99		ADC, Tuli	0.96
	SDO (C), Chiephobozu	1.02		SDO (C), Changtongya	0.98
	SDO (C),Jakhama	1.01	9	TUENSANG	1.00
2	PEREN	1.00		ADC, Shamatore	1.06
	SDO (C), Jalukie	0.99		ADC, Longkhim	0.96
	SDO (C), Tening	1.04	10	ZUNHEBOTO	1.00
3	PHEK	1.00		ADC, Aghunato	1.06
	ADC, Pfutsero	0.93		ADC, Phughoboto	0.90
	ADC, Chozouba	0.93		SDO (C), Suruhoto	0.98
	ADC,Meluri	1.01		SDO (C), Akuluto	0.95
	SDO (C),Chizami	0.94		SDO (C), Atoizu	0.98
4	KIPHIRE	1.00		SDO (C), Satakha	0.98
	SDO (C), Seyochung	1.01	11	MON	1.00
	SDO (C), Pungro	1.02		ADC, Aboi	1.02
5	LONGLENG	1.00		ADC, Naginimora	0.95
	SDO (C), Tamlu	0.97		ADC, Tizit	0.97
6	DIMAPUR	1.00		ADC, Tobu	1.25
	ADC, Niuland	1.02		SDO (C), Wakching	1.04
	ADC, Medziphema	1.02		SDO (C), Phomching	1.02
	SDO (C), Dhansiripar	1.02		SDO (C), Chen	1.12
	SDO (C), Kuhuboto	1.01		SDO (C), Angjangyang	1.12
7	WOKHA	1.00		SDO (C), Manyakshu	1.25
	ADC, Bhandari	0.92	12	NOKLAK	1.06
	ADC,DHEP	0.93		SDO (C), Thonoknyu	
	SDO (C), Ralan	0.90			
	SDO (C), Sanis	0.93			

SCHEDULE OF RATES FOR MATERIAL TESTING

Sl.No	Name of test	Rates (Rs)		Sl.No	Name of test	Rates (Rs)
	TEST FOR SOIL					
1.	Sieve Analysis of soil	946.00		15.	Triaxial shear test of soil (Without measurement of pure pressure and volumetric change)	2794.00
2.	Grain size analysis of soil by hydrometer	826.00		16.	Triaxial shear test (with measurement of pure pressure and volumetric change)	3232.00
3.	Determination of Atterberg's limits	930.00		17.	Standard penetration test (SPT) (By Dynamic cone penetration)	3274.00
4.	Lab. Compaction (Std. proctor)	783.00			TEST FOR BITUMEN	
5.	Specific gravity (Pygonometer)	500.00		1.	Specific gravity	500.00
6.	Lab. CBR	2244.00		2.	Penetration (By penetrometer)	500.00
7.	Field CBR (Necessary arrangement like fixing of girder at the rear of the chassis of the truck to be made by the party.	7702.00		3.	Softening point (Ring and ball)	762.00
8.	Bearing capacity of soil in site by plate load (Necessary arrangement as above)	6886.00			TEST FOR STONE AGGREGATE	
9.	Compaction control test in site (by sand replacement method) for field density of soil.	2944.00		1.	Fineness modulus of fine and coarse aggregate (by sieving)	654.00
10.	Permeability of soil by constant variable head method.	1002.00		2.	Abrasion test (By devol abrasion machine)	918.00
11.	PH value of soil / water by indicator paper	500.00		3.	Crushing strength	682.00
12.	Shear strength of soil. (By direct shear machine)	1662.00		4.	Toughness (by impact machine)	762.00
13.	Moisture content of soil (by oven dry method)	500.00		5.	Water absorption	500.00
14.	Consolidation properties of soil (by consolidometer)	3706.00		6.	Flakiness and elongation index	500.00

Sl.No	Name of test	Rates (Rs)		Sl.No	Name of test	Rates (Rs)
	TEST FOR CEMENT CONCRETE				TEST FOR CEMENT	
1.	Consistency (by flow table)	798.00		1.	Fineness (By dry seiving)	500.00
2.	Compressive strength of cement concrete (Supplied by party)	500.00		2.	Soundness (by le-chatelier)	852.00
3.	Mix design (materials supplied by party)	5596.00		3.	Setting time (by vicat needle)	858.00
4.	Flexural strength of cement concrete beam (materials supplied by the party and casting at lab())	1174.00		4.	Compressive strength of cement cube (By high frequency cube vibrator)	1374.00
5.	Flexural strength of cement concrete beam (casted at site by the party)	756.00			TEST FOR SAND	
	TEST FOR BRICKS			1.	Bulking	200.00
1.	Water absorption	500.00				
2.	Efflorescence	500.00				
3.	Compressive strength	500.00				
4.	Dimension	200.00				

<u>WEIGHTS OF MATERIALS AND WORKS</u>					
Material			Works		
Particulars	Kg/cu m	lbs. cu ft	Particulars	kg cu m	lbs, cu ft
Earth (ordinary)	1600	100	Brick masonry	1920	120
Sand dry	1600	100	Sundried brickwork	1760	110
Cinder (burnt coal)	800	50	Reinforced brickwork (R.B.)	2000	125
Surkbi	1120	70	Lime concrete with brick ballast	1920	120
Cement	1440	90	Lime concrete with stone ballast	2240	140
White lime slaked	640	40	Cement concrete	2240	140
Brick ballast	1200	75	R. C. C.	2400	150
Stone ballast (Hard)	1600	100	Asphalt concrete	2240	140
Lime stone	2400	150	stone masonry	2560	160
Sand stone	2240	140	Lime mortar	1760	Ito
Hard stone	2720	170	Cement mortar	1920	120
Marble	2560	160	Stone masonry dry	2080	130
Coal dust	960	60	Stone ballast consolidated as in roads	2080	130
Teak wood	640	40	Granite ashlar masonry	2560	160
Shisham wood	800	50	Rubble stone masonry	2320	145
Sal wood	800	50			
Deodar wood	640	40			
Cast iron	7200	450			
Wrought iron	7680	480			
Mild steel	7850	490			

<u>ROOFLOAD</u>					
Weight of Roofing Materials			Live Load in Floor		
Particular	kg/sq m	Ibs per sq ft	Type of Building	kg sq m	Ibs /cu ft
G.C.I. Sheet 24 gauge	7.0	1.42	Dwelling Houses, Hostel, Hospital Wards	200	40
G.C.I. Sheet 22 gauge	8.4	1.72			
A.C. Sheet 1/4" gauge	17.0	3.5	Offices, Schools, Entrance floor	390	80
Single Allahabad tiles with battens	83.00	17			
Double Allahabad tiles with battens	166.00	34	Assembly Halls, Cinemas, Theatres. Staircase	490	100
Mangalore tiles	68.40	14	Ware houses, Drill Halls. Workshops	730	150
Boarding 2.5 cm (1") thick	29.30	6			
Slates	34.20	7			
Country tiles Single with battens ...	68.40	14			
Thatch with frame 15 cm (6") ...	31.70	6.5	Note: If there is no stair-case leading to roof, live load on roof may be taken as 145 kg, sq m (30 Ibs sq ft).		

SAFE LOAD

Safe Permissible Load on Masonry			Safe Permissible Load on Different Soils		
Particulars	Tons per sq m	Tons per sq ft	Particulars	Tons per sq m	Tons per sq ft
Sundried brick work	10	1			
Brick work in mud	20.0	2	Soft wet clay	2.5	0.25
Brick work in Lime mortar	30.0	3	Black Cotton Soil	5.0	0.5
Brick work in 1:3 Cement mortar	100.0	10	Moist clay	15.0	1.5
Brick work in 1:4	80.0	8	Alluvial earth loams	10.0	1.0
Brick work in 1:6	60.0	6	Compact clay nearly dry	20.0	2.0
Lime concrete with brick ballast	30.0	3	Dry compact clay of considerable thickness	30.0	3.0
Lime concrete with stone ballast	40.0	4	Loose sand in shifting riverbed	15.0	1.5
Cement concrete 1:1½:3	300.0	30	Compact sand	20.0	2.0
Cement concrete 1:2:4	250.0	25	Sandy gravel	25.0	2.5
Cement concrete 1:3:4	150.0	15	Compact gravel	80.0	8.0
Cement concrete 1:4:8	100.0	10	Moorum	30.0	3.0
Random rubble in Lime mortar	40.0	4	Granite Rock	150.0	15.0
Random rubble in Cement mortar 1:4	80.0	8			
Coursed rubble in Cement mortar 1:4	100.0	10			

Cement Consumption

Description of Items	Quantity of cement in bags (of 50 Kg each)		Description of Items	Quantity of cement in bags (of 50 Kg each)
Cement concrete			Flooring	
C.C (1:5:10)	2.6 / cum		C.C. Flooring in 1:2:4, 40 mm thick	0.34 / Sqm
C.C (1:4:8)	3.4 / cum		C.C. Flooring in 1:2:4, 25 mm thick	0.25 / Sqm
C.C (1:3:6)	4.4 / cum		Kota stone flooring (25 to 30 mm thick)	0.14 / Sqm
C.C (1:2:4)	6.4 / cum		Pre-cased marble/mosiac/cement tiled flooring on lime mortar bedding	0.17 / Sqm
C.C (1:1.5:3)	8 / cum		Pre-cased marble/mosiac/cement tiled in skirting and dado on cement mortar base	0.28 / Sqm
C.C (1:1:2)	12.2 / cum		Terrazzo or mosiac in-situ flooring 40mm thick with ordinary cement	0.38 / Sqm
Cement Mortar			Cement Plaster	
1:1	20.4 / cum		20 mm thick (1:3) in single coat	0.25 / Sqm
1:2	13.6 / cum		20 mm thick (1:4) in single coat	0.18 / Sqm
1:3	10.2 / cum		20 mm thick (1:5) in single coat	0.14 / Sqm
1:4	7.6 / cum		20 mm thick (1:6) in single coat	0.112 / Sqm
1:5	6.2 / cum		12 mm thick (1:3) in single coat	0.15 / Sqm
1:6	5 / cum		12 mm thick (1:4) in single coat	0.11 / Sqm
Brick Masonry in cement sand mortar			12 mm thick (1:5) in single coat	0.10 / Sqm
1:3	2.6 / cum		12 mm thick (1:6) in single coat	0.072 / Sqm
1:4	1.9 / cum		6 mm thick (1:3) in single coat	0.25 / Sqm
1:5	1.6 / cum		6 mm thick (1:4) in single coat	0.055 /Sqm
1:6	1.3 / cum		20 mm thick (1:4) in two coats (15mm+5mm)	0.19 / Sqm
Half brick masonry (115mm thick) in cement mortar			Pointing (in C.M. 1:3)	
1:3	0.30 / Sqm		Ruled pointing on brick work	3.06 bags per 100 Sqm
1:4	0.22 / Sqm		Raised pointing on brickwork	4.08 bags per 100 Sqm
Rubble Masonry			Ruled pointing on tiled brickwork	4.7 bags per 100 Sqm
Random Rubble in C.M. (1:6)	1.7 / cum			
Coarse Rubble in C.M. (1:6)	1.5 / cum			

STATEMENT SHOWING QUANTITIES OF CEMENT, SAND AND AGGREGATE ETC.TO BE USED IN DIFFERENT ITEMS OF WORKS PROVIDED IN THE

SCHEDULE.

Sl. No	Description of item	Unit	Cement Bags of 50 Kg	Sand (cum)	Broken stonechips (Cum)	Boulder (Cum)
	MORTAR					
1	Cement mortar prop. 1:2	Cum	13.6	0.95		
2	Cement mortar prop. 1:3	Cum	10.2	1.07		
3	Cement mortar prop. 1:4	Cum	7.6	1.07		
4	Cement mortar prop. 1:6	Cum	5.0	1.07		
	CEMENT CONCRETE WORK					
5	Cement mortar prop. 1:5:10	Cum	23.6	0.47	0.89	
6	Cement mortar prop. 1:4:8	Cum	3.4	0.47	0.89	
7	Cement mortar prop. 1:3:6	Cum	4.4	0.47	0.89	
8	Cement mortar prop. 1:2:4	Cum	6.4	0.445	0.89	
9	Cement mortar prop. 1:1.5:3	Cum	8.0	0.425	0.85	
	DAMP PROOF COURSE					
10	25MM THICK c.c. 1:2:4	10 Sqm	1.6	0.111	0.22	
	BRICK WORK					
11	Brick work in cement mortar 1:4	Cum	1.90	0.275		
12	Brick work in cement mortar 1:6	Cum	1.25	0.275		
13	125mm thick brick work in cement mortar 1:3	10Sqm	2.13	0.34		
14	75mm thick brick work in cement mortar 1:3	10Sqm	1.85	0.20		
	STONE MASONRY WORK					
15	Random rubble masonry in cement mortar 1:6	Cum	1.65	0.33	1.16	
16	Course rubble masonry in cement mortar 1:6	Cum	1.50	0.30	1.37	
17	Dry Stone masonry	Cum			1.37	
18	Stone work in plain ashlar Cyclopean in cement mortar 1:6	Cum	1.50			
	FLOORING					
19	62mm thick C.C. 1:3:6	10 Sqm	2.54	0.275	0.52	
20	62mm thick C.C. 1:4:8	10 Sqm	2.00	0.275	0.52	
21	(a) 20mm thick C.C. topping 1:1:2	10 Sqm	2.40	0.075	0.16	
	(b) 25mm thick C.C. topping 1:1:4	10 Sqm	3.20	0.100	0.21	
22	25mm thick C.C. topping 1:2:4	10 Sqm	2.00	0.111	0.22	
23	Cement plaster skirting upto 30cm with cement mortar 1:3	10 Sqm	2.90	0.28		
24	Cement concrete pavement 1:2:4	Cum	6.40	0.445	0.89	
25	Tarrazo tiles on 12mm thick cement mortar prop 1:3	10 Sqm	2.224	0.13		
26	White glazed tiles on 12mm cement mortar 1:3	10 Sqm	0.21	0.01		

Sl. No	Description of item	Unit	Cement Bags of 50 Kg	Sand (cum)	Broken stonechips (Cum)	Boulder (Cum)
	WALLING					
27	Creat walling with cement mortar 1:6 Prop :20 mm thick each side	10 Sqm	2.24	0.48		
	FINISHING					
28	12mm cement plaster 1:3	10 Sqm	1.47	0.154		
29	12mm cement plaster 1:4	10 Sqm	1.10	0.154		
30	12mm cement plaster 1:6	10 Sqm	0.72	0.154		
31	20mm cement plaster 1:6	10 Sqm	1.12	0.24		
32	6mm cement plaster 1:3	10 Sqm	0.734	0.08		
33	Neat cement punning	10 Sqm	0.44			
	POINTING					
34	Pointing on brick work with cement mortar 1:3	10 Sqm	0.306	0.032		
35	Pointing on stone work with cement morar 1:3	10 Sqm	0.235	0.025		
	DRAINAGE					
36	100mm open surface drain with C.C. 1:3:6	Metre	0.29	0.028	0.04	
37	150mm open surface drain with C.C. 1:3:6	Metre	0.33	0.033	0.045	
38	225mm open surface drain with C.C. 1:3:6	Metre	0.435	0.435	0.059	
	SANITARY INSTALLATION					
39	Fixing water closet flusing cistern & brackets, etc. including cutting and making good the walls and floors	each	0.1			
40	Fixing lipped front urinal basin, flusing cistern, brackets etc. cutting and making good the walls and floors.					
	(a) One urinal basin with 5 litres					
	C.I. Automatic flusing cistern.	each	0.05			
	(b) Range of two urinal basin with 10 litres					
	C.I. Automatic flusing cistern.	each	0.08			
	(c) Range of three urinal basin with 10 litres					
	C.I. Automatic flusing cistern.	each	0.13			
	(d) Range of four uringl basin with 15 litres					
	C.I. Automatic flusing cistern.	each	0.19			

Sl. No	Description of item	Unit	Cement Bags of 50 Kg	Sand (cum)	Broken stonechips (Cum)	Boulder (Cum)
41	Fixing one piece construction white squatting plate urinal etc Range of two squanting plate with 10 litres C.I. Automatic flushing cistern	each	0.20			
42	Fixing wash basin (Lavatory -basin) with brackets etc. including cutting & making good the walls.	each	0.05			
43	Fixing pedestal for wash basin recessed at the back for reception of pipes and fittings.	each	0.03			
44	Fixing asbestors cement soils waste and vent pipe in cement mortar 1:2					
	(a) 100mm or 80mm	100 mtr	0.30			
	(b) 50mm dia	100 mtr	0.15			
45	Fixing wooden plugs & standard holder bat clamps comprising of two semi -circular halves of flat iron & cast iron based screwed on wooden plugs 100mm,80mm or 50mm dia	each	0.0004			
46	Fixing A.C. bend with Cement mortar 1:2					
	(a) 100mm or 80mm dia	each	0.002			
	(b) 500mm dia	each	0.001			
47	Fixing double equal or unqual A.C and junction in cement mortar 1:2					
	(a) 100x100x100x100mm	each	0.004			
	(b) 80x80x80x80mm	each	0.004			
	(c) 50x50x50x50mm	each	0.002			
48	Fixing single equal or unqual junction with cement mortar 1:2					
	(a) 100x100x100mm					
	(b) 100x100x50x50mm					
	(c) 80x80x80mm	each	0.003			
	(e) 80x80x50x50mm					
	(f) 80x80x50mm					
	(g) 50x50x50mm	each	0.002			
49	Fixing plain A.C. plain invert bend with Cement mortar 1:2	each	0.002			
50	Fixing A.C. offset with Cement mortar 1:2					
	(a) 100mm dia with any projection	each	0.002			
	(b) 50mm dia with any projection	each	0.001			
51	Fixing A.C. loose socket with cement mortar 1:2					
	(a) 100mm or 80mm dia	each	0.002			
	(b) 50mm dia	each	0.001			
52	Fixing A.C. terminal guard with cement mortar 1:2					
	(a) 100mm or 80mm dia	each	0.002			
	(b) 50mm dia	each	0.001			

Sl. No	Description of item	Unit	Cement Bags of 50 Kg	Sand (cum)	Broken stonechips (Cum)	Boulder (Cum)
	WATER SUPPLY					
53	Fixing G.I. Pipe including cutting and making good the walls					
	(a) 15mm dia	100 mtr	0.10			
	(b) 20mm dia	100 mtr	0.12			
	(c) 25mm dia	100 mtr	0.14			
	(d) 32mm dia	100 mtr	0.15			
	(e) 40mm dia	100 mtr	0.16			

STATEMENT SHOWING QUANTITIES OF PAINT AND DISTEMPER ETC. TO BE USED IN DIFFERENT ITEMS OF WORKS
PROVIDED IN THE SCHEDULE

Sl.No	Description	Unit	Quantity (Kg)
1	Distempering with dry distemper (two or more coats)with whiting 1 Kg	10 Sqm	1.5 Kg
2	Distempering with dry distemper (one or more coats)	10 Sqm	1.0 Kg
3	Distempering with oil bound distemper (two or more coats) with distemper primer 0.71 ltrs	10 Sqm	1.5 Kg
4	Distempering with oil bound distemper (onle or more coats)	10 Sqm	1.0 Kg
5	Applying one coat of distemper Primer	10 Sqm	0.7 Litre
6	Applying one coat of distemper Primer	10 Sqm	0.81 Litre
7	Applying one coat of primer on wood work.	10 Sqm	0.75 Litre
8	Applying one coat of primer on steel work	10 Sqm	0.54 Litre
9	Painting two o more coats with ready mixed paint	10 Sqm	1.25 Litre
10	Painting one more coats with ready mixed paint	10 Sqm	0.75 Litre
11	Painting two cats on G.I. Sheets with ready mixed paint	10 Sqm	0.80 Litre
12	Painting one or more coats on G.I. Sheets with ready mixed paint	10 Sqm	0.46 Litre
13	Painting two or more coats with enamel paing	10 Sqm	1.16 Litre
14	Painting one or more coats with enamel paing	10 Sqm	0.70 Litre
15	Painting tow or more coats with Aluminiumum paint	10 Sqm	0.80 Litre
16	Painting one or more coats with Aluminiumum paing	10 Sqm	0.46 Litre
17	Painting two or more coats with plastic emulsion paint	10 Sqm	1.21 Litre
18	Painting more or more coats with plasti emulsion paints	10 Sqm	0.73 Litre
19	Vernishing two or more costs with copal varnish	10 Sqm	1.16 Litre
20	Under coat of flatting varnish	10 Sqm	0.70 Litre
21	Varnishing one or more coats with copal varnish	10 Sqm	0.70 Litre
22	Oilling two or more coats with wood preservative (indocoat)	10 Sqm	1.16 Litre
23	Oilling with more or coats with wood preservative (indocoat)	10 Sqm	0.70 Litre
24	French Spirit polishing two or more coats	10 Sqm	1.16 Litre
25	French Spirit polishing one or more coats	10 Sqm	0.70 Litre
26	Polishing on wood work with wax polish	10 Sqm	0.25 Kg
27	Finishing wall with water proofing cement paints (three or more coats)	10 Sqm	5.47 Kg
28	Finishing wall with water proofing cement paint (one or more coats)	10 Sqm	2.20 Kg

PRACTICAL DATA AND INFORMATIONS

The following data and informations are only approximate and vary according to the location nature of works, structure, specifications, methods of construction, etc. For general idea and for priliminary estimate these will be helpful.		
BUILDING WORKS		
1	Cost of labour and materials	
	(i) Cost on account of labour	30% to 35% of the whole cost.
	(ii) Cost on account of materials	70% to 65% of the whole cost.
2	Direct and overhead cost	
	Direct cost on actual work (job)	85% of the Whole cost.
	Overhead cost due to establishment, supervision, incidentals, etc.	15% of the whole cost.
3	(i) Cost of foundation and plinth	10% to 15% of the whole cost.
	(ii) Cost of superstructure	90% to 85% of the whole cost.
4	Cost of second storey	85% to 90% of the first storey.
5	Cost of different parts or percentage break up of building (excluding sanitary and electrical works)	
	Earthwork in excavation and filling	½ % of the whole cost.
	Concrete in foundation	5% of the wholecost.
	Damp proof course	1 % of the whole cost.
	Brickwork	34 % of the whole cost.
	Roofing	20 % of the whole cost.
	Flooring	6 % of the whole cost.
	Doors and windows	16 % of the whole cost.
	Plastering and pointing	10 %of the whole cost.
	White washing, colour washing, painting etc.	2 % of the w hole cost.
	Miscellaneous	5%of the whole cost.
	Total	100% of the whole cost.
6	Cost of sanitary and electrical works -	
	Sanitary and water supply installation	8% of the building cost.
	Electric installation excluding fan	8% of the building cost.

7	Cost of materials and labour required for building, percentage distribution -	
	(i) Cost of brick	22 % of the whole cost.
	(ii) Cost of cement	12% of the whole cost.
	(iii) Cost of steel bars	1 W/o of the whole cost.
	(iv) Cost of timber	10% of the whole cost.
	(v) Cost of other materials	14% of the whole cost.
	(vi) Wages of labour	30% of the whole cost.
	(vii) Workcharged establishment	2% of the whole cost.
	Total	100% of the whole cost.
	<i>Note- If the estimated cost of the building and rates of materials are known the approximate quantities of materials can be calculated. Cost can be calculated approximately on plinth area basis.</i>	
8	Materials required on plinth area basis for single storey building -	
	(i) Brick	500 nos. per sq m (500 nos. % sq ft) of plinth area
	(ii) Cement	1 .5 bags per sq m (15 bags per % sq ft) of plinth area
	(iii) Mild steel bars	1.25 kg per sq m (2 ½ cwt per % sq ft) of plinth area
	(iv) Coal (slack or dust) for [burning bricks]	1.5 q per sq m (1½ tons per % sq ft) of plinth area
9	Coal (slack or dust) for burning bricks	18 tonne per lakh of bricks (output 60% I-class brick)
10	G.I. sheet requirement for shed (24 gauge)	1 tonne per 1200 sq ft (0.85 q per sq m) of plinth area
11	Angle iron requirement for roof truss shed	4 ½ cwt% sq ft or 2½ ton % sq ft. (0.5 q/sq m or 2.5 tonne % sq m) of plinth area.

SPECIFICATION FOR WORKS
Materials of Reinforced Cement Concrete

1.1 Aggregate :-

When coarse aggregate brought to the site in ungraded single size coarse aggregates of different nominal sizes, conforming to the requirements vide Table I given below, shall be mixed at site with the other ingredients of concrete either directly in the mixture or on the platform in the proportion indicated in table II below.

TABLE NO. I

I.S.size Designation	Percentage passing for single size aggregate of nominal size					
	63mm	40mm	20mm	16mm	12.5mm	10mm
1	2	3	4	5	6	7
40mm	0 -30	85 -100	100			
20mm	0 -5	0 - 20	85 - 100	100		
10mm		0 - 5	0 - 20	0 - 30	0 - 45	85 - 100

TABLE NO. II

Cement concrete mix	Nominal size or aggregate	Parts of aggregate of size 40mm	Parts of aggregate of size 20mm	Parts of aggregate of size 10mm
1	2	3	4	5
C.C.1:5:10	40mm	71/2	2/1.5	
C.C.1:4:8	40mm	6	2	
C.C.1:3:6	40mm	4 /1.5	1/1.5	
C.C.1:2:4	40mm	2/1.5	1	1.5
C.C.1:2:4	20mm	-	3	1
C.C.1:1.5:3	20mm	-	2	1

Note :-

- 1 The proportions indicated in table II above are by volume. These proportions may be varied some what by Engineer -In -Charge after making seive analysis of the aggregates broght to ths site, when considering necessary for obtaining better density and strength of concrete. No adjustment in the rates shall be made, for any variation in proportions so ordered.*
- 2 The aggregate shall be measured in stacks and paid for after making a deduction of 7.5% of the gross measurement of stacks in respect of aggregate of nominal size 40mm and above. In respect of aggregate of size below 40mm no deduction shall be made from the gross measurements of stacks.*

1.2 SAND :-

- (a) The sand shall not contain more than 8% of silt as determind by field test with measuring cylinder.
- (b) -I) Fineness modulus of coarse sand shall not be less than 2.5.
- ii) Fineness modulus of fine sand shall not be less than 1.0.

1.3 WATER :-

The quantity of water to be used for each mix of 50kg cement, to be the required consistency shall not be more than :-

Grade of concrete	Mix	Max.quantity of water per 50kg of cement
M10	1.3.6	34 Litre
M15	1.2.4	32 Litre
M20	1.1.5.3	30 Litre
M25	1.1.2	27 Litre

In the case of vibrated concrete the limit specified may be suitably reduced to avoid Saggregation.
The quantity of water shall be regulated by carrying out regular slump test described below:-

Sl. No	Type of Work	Slump when vibrators are used	Slump when vibrators are not used
1	Mass concrete in foundation, footing retaining walls and pavements	100mm to 25mm	50mm to 75mm
2	Thin sections of flooring of less than 75mm thickness	25mm to 40mm	75mm to 100mm
3	Beams, Slabs and columns simply reinforced	25mm to 40mm	100mm to 125mm
4	Thin R.C.C. section or section with congested steel	40mm to 50mm	125mm to 150mm

Curing of concrete :- After the concrete has begun to harden i.e. about 1 to 2 hours after its laying, it shall be protected from quick drying with moist gunny bags, sand or any other materials approved by the Engineer -In - charge. After 24 hours of laying of concrete the surface shall be cured by flooding with water of minimum 25mm depth, or by covering with wet absorbent materials. The curing shall be done for a minimum period of 7 to 12 days in summer and 14 days in winter in Nagaland when normal (Portland)cement is used.

Bricks required for masonry, shall be thoroughly soaked in clean water for atleast an hour in brick lined tanks of sufficient size immersed in water is an indication of through soaking of bricks. The soaked bricks shall be kept on wooden planks or bricks platform to avoid earth being smeared on them.

Curing for cement plaster :- Curing shall be started as soon as the plaster has hardened sufficiently not to damaged when watered. The plaster shall be kept wet for a period of at least 7 days.

PROPERTIES OF BARS USED AS REINFORCEMENT M.S. ROUND BARS OR M.S. RIBBED TORSTEEL

Bar size (mm)	Area (Sq.cm)	Perimeter (cm)	Weight per metre (Kg)	Length per tonne (Metre)	Area im mm2
6	0.283	1.885	0.222	4505	28.26
8	0.503	2.513	0.395	2532	50.24
10	0.785	3.142	0.616	1623	78.50
12	1.131	3.77	0.888	1126	113.04
16	2.011	5.027	1.579	633	200.96
20	3.142	6.283	2.466	406	314.00
25	4.909	7.854	3.854	259	490.63
32	8.042	10.05	6.313	158	803.84
40	12.57	12.57	9.864	101	1256.00

Cross sectional areas of bars at specific spacings

Bar size (mm)	Bar spacing in mm									
	75	100	125	150	175	200	225	250	275	300
6	337	283	226	188	162	141	126	113	193	94
8	670	503	402	335	287	251	223	201	183	168
10	1047	785	628	524	449	393	349	314	286	262
12	1508	1131	905	754	646	565	503	452	411	377
16	2681	2011	1608	1340	1149	1105	894	804	731	670
20	4189	3142	2513	2094	1795	1571	1396	1257	1142	1047
25	6545	4909	3927	3272	2805	2454	2182	1963	1785	1636
32		8042	6434	5362	4596	4021	3574	3217	2925	2681
40	-	-	10053	8378	7181	6283	5585	5027	4570	4189

CONVERSION FROM ONE SYSTEM TO ANOTHER

From F.P. Unit to Metric Unit			From Metric to F.P. Unit		
To Convert Foot Pound unit	To Metric unit	Multiply by Conversion Factor	To Convert Metric unit	To Foot Pound unit	Multiply to Conversion Factor
Lengths					
Mile	km	1.609344	km	Mile	0.62137
Fg	km	0.201168	km	yd	1093.61
Yd	m	0.9144	Metre	yd	1.09361
Ft	m	0.3048	Metre	Ft	3.28084
In.	m	0.0254	Metre	In.	39.3701
In.	cm	2.54	cm	In.	0.394
Area					
sq mile	Hectare (ha)	258.999	Hectare (ha)	Acre	2.47105
sq mile	sq km	2.59	sq km	sq mile	0.39
Acre	Hectare	0.404687	Hectare	sq yd	11959.9
Acre	sq m	4046.869	sq m	sq yd	0.000247
sq yd	sq m	0.83613	sq m	sq yd	1.196
sq ft	sq m	0.0929	sq m	sq ft	10.7639
sq in.	sq cm	6.45137	sq cm	sq in.	0.155
Volume					
Cu yd	cu m	0.76455	cu m	cu yd	1.30795
Cu ft	cu m	0.028317	cu m	cu ft	35.3147
Cu in.	cu cm	16.3862	cu cm	cu in.	0.06103
Acre ft	Hectare m	0.1234	Hectare m	Acre ft	8.107
Capacity					
cu yd	Kilolitre (kl)	0.76453	Kilo litre (kl)	cu yd	1.308
cu ft	Litre (l)	28.316	Litre (l)	cu ft	0.035315
gallon (uk)	Litre (l)	4.546	Litre (l)	gallon (uk)	0.2198

From F.P. Unit to Metric Unit			From Metric to F.P. Unit		
Weight					
Ounce	gram	25.35	gram	ounce	0.035
Tola	gram	11.66	gram	tola	0.086
Seer (Ind)	kg	0.9331	kg	Seer (Ind)	1.0717
Maund (Ind)	kg	37.3242	kg	Maund (Ind)	0.27
Maund (Ind)	Quintal	0.373242	Quintal	Maund (Ind)	2.6792
Pound	kg	0.4536	kg	Pound	2.20462
cwt	Quintal	0.50802	Quintal	cwt	1.97
cwt	kg	50.802	kg	cwt	0.0197
Ton	Metric Tonne	1.016	Metric Tonne	Ton	0.9842
	<i>Note-Multiply the foot pound Figure by the conversion factor to get the Metric Unit figure</i>		<i>Note-Multiply the metric unit figure by the conversion factor to get the Foot Pound unit Figure</i>		
METRIC SYSTEM					
Area		Volume			
100 sq milli m = 1 sq centimetre		1000 cu mill metre = 1 cu metre			
100 sq centi m = 1 sq deci metre		1000 cu centi metre = 1 cu deci metre			
100 sq deci m = 1 sq metre					
100 sq metre					
= 1 acre or sq deka metre 100 acres					
= 1 hectare or sq hecto metre		1000 cu deci metre = 1 cu metre			
		1 cu metre(cu m) = 10,00,000 cu centi metre (cu cm)			
100 hectares					
= 1 sq kilo metre					
= 10,00,000 sq m					
1 hectare					
= 100 m x 100 m					
= 10000 sq m					
1 sq kilo metre					
=1000 m x 1000 m					
=10,00,000 sq m					
= 100 hectare.					

LENGTH CONVERSION TABLE

Inch	Milimetre (mm)	Foot	Metres (m)	Note
1/16	1.5875	1	0.3048	1 metre = 1000 mm.
1/8	3.1750	1½	0.4572	1 metre = 100 cm.
1/4	6.3500	2	0.6096	1 kilo m= 1000 metre.
3/8	9.5250	2 ½	0.7620	
1/2	12.7000	3	0.9144	
5/8	15.8750	3 ½	1.0668	
3/4	19.0500	4	1.2192	1 metre = 3.28084 ft.
7/8	22.2250	4 ½	1.3716	1 metre = 39.3701 in.
1	25.4000	5	1.5240	1 cm = 0.3937 in.
1¼	31.7500	6	1.8288	1 foot = 30.48 in.
1½	38.1000	7	2.1336	1 inch = 2.54 cm.
1¾	44.4500	8	2.4384	1 mile = 1.609344 kilo m
2	50.8000	9	2.7432	
2 ½	63.5000	10	3.0480	
3	76.2000	20	6.0960	1 kilo = 0.62137 m
4	101.6000	30	9.1440	
5	127.0000	40	12.1920	<i>Illustration</i>
6	152.4000	50	15.2400	(a) 4' = 1.2192 m
7	177.8000	60	18.2880	6" = 0.1524 m
8	203.2000	70	21.3360	
9	228.6000	80	24.3840	4'-6" = 1.3716 m
10	254.0000	90	27.4320	= 1.372 m
11	279.4000	100	30.4800	
12	304.8000			(b) 2' = 0.6096 m
				3" = 0.0762 m
				1/16"= 0.001587m
				2'-3 1/16"=0.667386 m.
				= 0.667 m.

For practical purpose, 1 litre = 1 kg = 1000 gram, 1000 cu m = 10 cu deci metre

1 cu m = 1000 litre = I kilo litre

1 Kilogram = 1000 gram

1 quintal = 100 kilogram

1 tonne = 1000 kilogram

1 tonne = 10 quintal

METRIC SCALES, SURVEY INSTRUMENTS, CONVERSION TABLES, ETC.	
METRIC SCALES	
1. Topographical Maps	2. Town Surveys
1 cm=2.5 km (R.F.-1/250000)	2 cm =1 km (R.F.-1/50000)
1 cm= 1 km (R. F.- 1/ 100000)	4 cm= 1 km (R.F.-1/25000)
1cm =0.5 km (R. F.-1/50000)	10 cm= 1 km (R.F.-1 / 10000)
	1 cm= 1 cm = 500 m (R.F.-1/5000)
3. Large Scale Surveys and Layouts	4. Preliminary Sketch Drawings
1 cm =20 m (R.F.-1/2000)	1 cm =5 m (R.F.-1/ 500)
1 cm= 10 m (R.F.-1/ 1000)	1 cm =2 m (R.F.-1 /200)
1 cm= 5 m (R.F.- 1/ 500)	1 cm= 1 m (R.F.-1/ 100)
5. Plans, Elevations and Sections of Buildings, etc.	6. Detailed Drawings, Large Scale Drawings
1 cm =2 m (R.F.-1/200)	1 cm =20 cm (R.F.-1/20)
1 cm = 1 m (R.F.-1/100)	1 cm= 10 cm (R.F.-1/ 10)
1 cm =0.5 m (R.F.-1/50)	1 cm= 5 cm (R.F.-1 /5)
	1 cm =2.5 cm (R.F.-1/2.5)
SURVEY INSTRUMENTS	
1. Measuring Tapes-	2. Measuring Chains
Metallic Tape	
(i) 30 metre length- 1 cm division.	(i) 30 metre length-100 links of 30 cm each with tag at every 10th link, i.e., 3 metre.
(ii) 20 metre length- 1 cm division.	(ii) 20 metre length-100 links of 20 cm each with tag at every 10th link, i.e. 2 metre.
<i>Steel Tape</i>	3. Levelling Staff-Metre is divided into 200 divisions of 5 mm (.5 cm) each
(i) 50 metre length-5 mm division.	<i>Telescopic type</i> , consists of three pieces-1.5 m + 1.25 m + 1.25 m =4 m.
(ii) 30 metre length-5 mm division.	<i>Folding Type</i> , detachable with locking devise at the back, consists of two pieces-2 m+2 m=4 m.
(iii) 20 metre length-5 mm division.	<i>Single piece type</i> - 4 m.

CONVERSION FACTOR

To convert one unit to another unit, multiply by the respective factor

Strength of Materials and Miscellaneous

		FPS units	Metric Units	Conversion Factor	
				<i>FPS to Metric</i>	<i>Metric to FPS</i>
1	Weight per unit length	lb/ ft	kg/ m	1.488	0.672
		ton/ft	tonne/ m	3.333	0.3
2	Stress (tensile, compressive, shear, bearing bond etc.)	lb/sq in	kg/sq cm	0.070	14.223
		lb/sq ft	kg/ sq m	4.882	0.205
		ton/ sq in	kg/ sq cm	1.575	0.635
3	Bearing Pressure	tons/sq ft	tonne/sq m	10.937	0.0914
		lb/sq ft	kg/ sq m	4.882	0.205
4	Bending Moment and Moments	m-lb	kg-cm	1.152	0.868
		ft-lb	kg-cm	13.853	0.0723
		ft-lb	kg-m	0.138	7.233
		in-ton	kg-m	25.803	0.0387
5	Section Modulus	in ³	cm ₃	16.387	0.061
6	Moment of Inertia	in ₄	cm ₄	41.623	0.024
7	Radius of Gyration	in	cm	2.540	0.3940
8	Speed and Velocity	mile/ h	km/h	1.609	0.6214
		ft /s	m/s	0.305	3.281
9	Acceleration	ft per sec.	metre	0.305	3.281
			per second		
10	Work and Energy	foot pound	kg-m	0.138	7.233
11	Power	hp	Metric hp	1.014	0.9862
		hp	kw	0.746	1.341
12	Density	lb/cu ft	kg/cu m	16.018	0.0624
		lb/cu in	g/cu m	27.680	0.0361
13	Discharges in rivers, channels,sec.etc.	cu ft/sec	cu m /sec.	0.0283	35.315
		gl. / sec.	l/ sec.	4.546	0.2198
14	Catchment Area	sq miles	sq-km	2.59	0.386
15	Land Area	acre	hectare	0.405	2.471
16	Storage in reservoir, Depth of water on area	acre feet	hectare m	0.1234	8.107
		{gl. / sq ft	l/sq m	48.934	0.2043
17	Reduced Levels	ft above mean sea level	metre above	0.305	3.281
18	Gradient	ft/ mile	m/km	0.1894	5.28

Rate Conversion Factor from one system to other system					
	<i>F.P. System</i>	<i>Metric System</i>		Conversion <i>FPS to Metric</i>	<i>Factor Metric to FPS</i>
	Rs. per % cu ft	Rs. per cu m		0.35315	2.8317
	Rs. per % cu ft	Rs. per % cu m		3.5315	0.2831
	Rs. per cu ft	Rs. per cu m		35.315	0.0283
	Rs. per sq ft	Rs. per sq m		10.764	0.0929
	Rs, per % sq ft	Rs. per % sq m		10.764	0.0929
	Rs. per % sq ft	Rs. per sq m		0.10764	9.29
	Rs. per acre	Ks. per hectare		2.471	0.4047
	Rs. per r ft	Rs. per m		3.281	0.3048
	Rs. per 100 r ft	Rs. per 100 m		3.281	0.3048
	Rs. per % r ft	Rs. per m		0.03281	30.48
	Rs. per mile	Rs. per km		0.62137	1.6093
	Rs. per gallon	Rs. per litre		0.220	4.546
	Rs. per cwt	Rs. per kg		0.01968	50.802
	Rs. per cwt	Rs. per quintal		1.968	0.508
	Rs. per lb	Rs. per kg		2.20462	0.4536
	Rs. per md	Rs. per quintal		2.6192	0.3732
	Rs. per ton	Rs, per metric tonne		0.9842	1.016
	Rs. per sr	Rs. per kg		1.07165	0.933
	Rs. per and per mile	Rs. per kg per km		0.0166479	60.067
	Rs. per % cu ft per mile	Rs. per cu m per km		0.220344	4.54

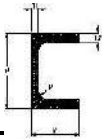
ALUMINIUM SECTION PROFILES

EQUAL ANGLE SECTION

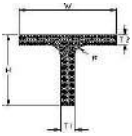
Height (mm)	Width (mm)	Thickness (mm)	Radius "R" (mm)	Length (M)	Mass per length (Kg)
20	20	1.6	-	6	0.99
20	20	1.6	-	6.5	1.073
20	20	3	-	6	1.8
25	25	1.6	-	6.5	1.352
25	25	3	-	5.5	2.096
25	25	3	-	6	2.286
25	25	3	-	6.5	2.47
25.4	25.4	3.18	-	6	2.52
32	32	3	-	6	2.964
32	32	3	-	6.35	3.224
35	35	2	-	6	2.202
38.1	38.1	4.75	-	6	5.622
40	40	1.5	-	6.5	2.074
40	40	1.6	-	6.5	2.197
40	40	3	-	6	3.744
40	40	3	-	6.5	4.05
40	40	4	-	5.85	4.75
40	40	4	-	6.5	5.33
40	40	6	-	6	7.194
40	40	6	-	6.5	7.787
40	40	6	4	6	7.248
50	50	1.5	-	6.5	2.6
50	50	1.6	-	6.5	2.763
50	50	3	-	6	4.716
50	50	3	-	6.5	5.109
50	50	4	2.5	5.85	6.084
50	50	4	-	6.5	6.906
50	50	6	4	5.85	8.91
50	50	6	-	6	9.138
50	50	6	-	6.5	9.9
50	50	6	-	6.5	9.94
63.5	63.5	6.35	6.86	5.5	11.556
76	76	9.5	-	6	22.242
76.2	76.2	6.35	7.62	6	15.27
76.2	76.2	9.53	7.62	6	22.242
80	80	6	-	4	10.008
80	80	6	-	6	15.012
101.6	101.6	9.53	9.14	5.5	27.775

UNEQUAL ANGLE SECTION

Height (mm)	Width (mm)	Thickness (mm)	Radius "R" (mm)	Length (M)	Mass per length (Kg)
20	12	1.5	-	6.5	0.806
25	12	1.5	-	6.5	0.93
25	12	1.6	-	6.5	0.982
25	20	1.5	-	6.5	1.151
25	20	1.6	-	6.5	1.209
30	20	2	-	6	1.56
32	20	1.5	-	6.5	1.333
32	20	1.6	-	6	1.296
32	20	1.6	-	6.5	1.417
40	25	3	-	6	3.012
40	25	3	-	6.5	3.263
50	25	1.5	-	6.5	1.944
50	25	3	-	6	3.498
50	25	3	-	6.35	3.803
76	50	6	-	6	11.863
76	55	5	-	6.5	10.972
76.2	50.8	6.35	6.86	6	12.624
100	50	6	4	6	14.088
100	50	6	-	6.5	15.262
125	80	8	-	6	25.662



ALUMINIUM SECTION PROFILES



CHANNEL SECTION

Size		Thickness		Radius "R" mm	Length M	Mass per length (Kg)
Base "H" mm	Leg "W" mm	Base "T1" mm	Leg "T2" mm			
10	10	1.6	1.6	-	4.8	0.557
16	16	1.6	1.6	-	6.5	1.255
20	16	1.6	1.6	-	6	1.266
25	25	1.6	1.6	-	6.5	2.022
25	25	3	3	-	6	3.354
25	40	3	3	-	6	4.812
32	25	3	3	-	6	3.696
40	20	3	3	-	6.5	3.907
40	25	3	3	-	6	4.08
40	25	3	3	-	6.5	4.433
50	25	3	3	-	6	4.566
50	25	3	3	-	6.5	4.957
60	32	3	3	-	6.5	6.234
76	38	4	4	-	4	6.196
76	38	4	4	-	7.4	11.463
76.2	38.1	6.35	7.92	7.62	5.5	15.07
80	25	3	3	-	6	6.024
80	25	3	3	-	6	6.024
80	40	4	4	-	6.5	10.712
80	40	4	4	-	6.5	9.894
80	40	6	6	-	6	16.893
100	25	3	3	-	6	6.996
100	40	3	3	-	6	8.454
100	50	5	5	-	4.95	12.845
100	50	5	5	-	7.5	19.463
101.6	50.8	6.3	7.9	9.14	6	22.5
101.6	50.8	6.35	7.9	-	7.5	28.125
127	63.5	6.35	9.55	-	5.85	30.812
127	63.5	6.35	9.55	10.65	6	31.602
148	99.5	5	5	7	4.8	21.235
152.4	63.5	6.35	7.92	10.65	6	31.218
152.4	63.5	6.35	7.92	-	8.84	45.995
170	100	5	5	5	6	28.638
200	90	8	10	4	2.45	21.53

ALUMINIUM T- BAR

Height (mm)	Width (mm)	Thickness "T1" (mm)	Thickness "T2" (mm)	Radius "R" (mm)	Length (M)	Mass per length (kg)
25	25	1.6	1.6	-	5.5	1.15
25	25	3	3	-	5.85	2.299
38.1	38.1	3.18	3.18	-	5.5	3.454
40	40	1.6	1.6	-	5.5	1.865
40	40	4	4	4	5.85	4.908
50	35	2	2	3	6	2.748
50	35	3	3	3	6	4.05
50	50	4	4	-	5.85	6.27
50	50	6	6	6.1	5.85	9.184
54	32	4	4	4	6	5.424
60	50	4	6	4	6	8.472
70	50	4	8	4	6	10.614
76.2	76.2	6.35	6.35	-	5.85	15.029
100	45	5	8	4	6	13.398
125	50	4	6	4	5.85	12.414
133	80	6	8	10	6	23.214
139	80	5	8	10	6	21.654
156	50	6	6	4	6	19.53
163	80	5	8	10	6	23.598
180	100	6	10		5.85	30.567
208	80	6	8	6	6	30.06

Size		Thickness		Radius "R" mm	Length M	Mass per length
Base "H" mm	Leg "W" mm	Base "T1" mm	Leg "T2" mm			(Kg)
10	10	1.6	1.6	-	4.8	0.557
16	16	1.6	1.6	-	6.5	1.255
20	16	1.6	1.6	-	6	1.266
25	25	1.6	1.6	-	6.5	2.022
25	25	3	3	-	6	3.354
25	40	3	3	-	6	4.812
32	25	3	3	-	6	3.696
40	20	3	3	-	6.5	3.907
40	25	3	3	-	6	4.08
40	25	3	3	-	6.5	4.433
50	25	3	3	-	6	4.566
50	25	3	3	-	6.5	4.957
60	32	3	3	-	6.5	6.234
76	38	4	4	-	4	6.196
76	38	4	4	-	7.4	11.463
76.2	38.1	6.35	7.92	7.62	5.5	15.07
80	25	3	3	-	6	6.024
80	25	3	3	-	6	6.024
80	40	4	4	-	6.5	10.712
80	40	4	4	-	6.5	9.894
80	40	6	6	-	6	16.893
100	25	3	3	-	6	6.996
100	40	3	3	-	6	8.454
100	50	5	5	-	4.95	12.845
100	50	5	5	-	7.5	19.463
101.6	50.8	6.3	7.9	9.14	6	22.5
101.6	50.8	6.35	7.9	-	7.5	28.125
127	63.5	6.35	9.55	-	5.85	30.812

127	63.5	6.35	9.55	10.65	6	31.602
148	99.5	5	5	7	4.8	21.235
152.4	63.5	6.35	7.92	10.65	6	31.218
152.4	63.5	6.35	7.92	-	8.84	45.995
170	100	5	5	5	6	28.638
200	90	8	10	4	2.45	21.53
254	115	12.5	12.5	6	2.47	38.618

Height (mm)	Width (mm)	Thickness "T1" (mm)	Thickness "T2" (mm)	Radius "R" (mm)	Length (M)	Mass per length (kg)
25	25	1.6	1.6	-	5.5	1.15
25	25	3	3	-	5.85	2.299
38.1	38.1	3.18	3.18	-	5.5	3.454
40	40	1.6	1.6	-	5.5	1.865
40	40	4	4	4	5.85	4.908
50	35	2	2	3	6	2.748
50	35	3	3	3	6	4.05
50	50	4	4	-	5.85	6.27
50	50	6	6	6.1	5.85	9.184
54	32	4	4	4	6	5.424
60	50	4	6	4	6	8.472
70	50	4	8	4	6	10.614
76.2	76.2	6.35	6.35	-	5.85	15.029
100	45	5	8	4	6	13.398
125	50	4	6	4	5.85	12.414
133	80	6	8	10	6	23.214
139	80	5	8	10	6	21.654
156	50	6	6	4	6	19.53
163	80	5	8	10	6	23.598
180	100	6	10		5.85	30.567
208	80	6	8	6	6	30.06

Requirement of materials in Bituminous works

Sl. No.	Description of Item	Unit	Aggregate		Bitumen	Cement	Sand
			Size in mm	cum	Kg	Bags	Cum
1	Prime Coat with Emulsion	10sqm			6.00		
2	Tack Coat with emulsion	10sqm			2.00		
3	Bituminous Macadam	cum	25.0-10.0	0.57	72.44		
			10-05	0.57			
			5 and below	0.28			
4	Bituminous Penetration Macadam						
	Type-A 50mm thick	10sqm					
			45-2.86	0.60	50.00		
	Key aggregate		22.4 -2.8	0.15			
	Type-B 75mm thick	10sqm					
			63-2.86	0.90	50.00		
	Key aggregate		26.5 -2.8	0.18	68.00		
5	Built-up Spray Grout (BUSG)	10sqm	53-2.8	1.00	30.00		
	Key aggregate		22.4-2.8	0.13			
6	Dense Graded Bituminous Macadam	cum	25-10	0.44	98.10		
			10-05	0.41			
			5 and below	0.59			
7	Semi-Dense Graded Bituminous Concrete	cum	9.5-4.75	0.83	115.385		
			4.75 and below	0.60			
8	Bituminous Concrete	cum	13.2-10.0	0.45	117.80		
			10.0-5.0	0.37			
			5 and below	0.64			
9	Surface Dressing	10sqm	13.0-0.00	0.10	10.00		
10	Open-Graded Premix Surfacing	10sqm	13.2-5.60	0.27	14.60		
11	Close-Graded Premix Surfacing/Mixed Seal Surfacing						
	Type - A	10sqm	11.2-0.09	0.27	21.95		
	Type - B	10sqm	13.2-0.09	0.27	21.95		
12	Seal Coat						
	Type - A	10sqm	6.70-0.00	0.09	9.80		
	Type - B	10sqm	6.70-0.01	0.06	6.80		

13	Mastic Asphalt with 85/25 or 30/40	10sqm			57.14		
			2.36-0.075	0.111			
	Lime stone dust filler with calcium content			0.103			
			13.2-6.3	0.157			
	Pre-coated stone chips		13.2-0.00	0.006	0.143		
14	Slurry Seal	10sqm					
	Case-I 5mm thick						
	Residual Binder				12.10		
	Fine Aggregate		4.75-0.00	0.064			
	Filler		(Cement)	2.20 Kg.			
	Case-II 3mm thick						
	Residual Binder				8.58		
	Fine Aggregate		3.00 and below	0.037			
	Filler		(Cement)	1.32 Kg			

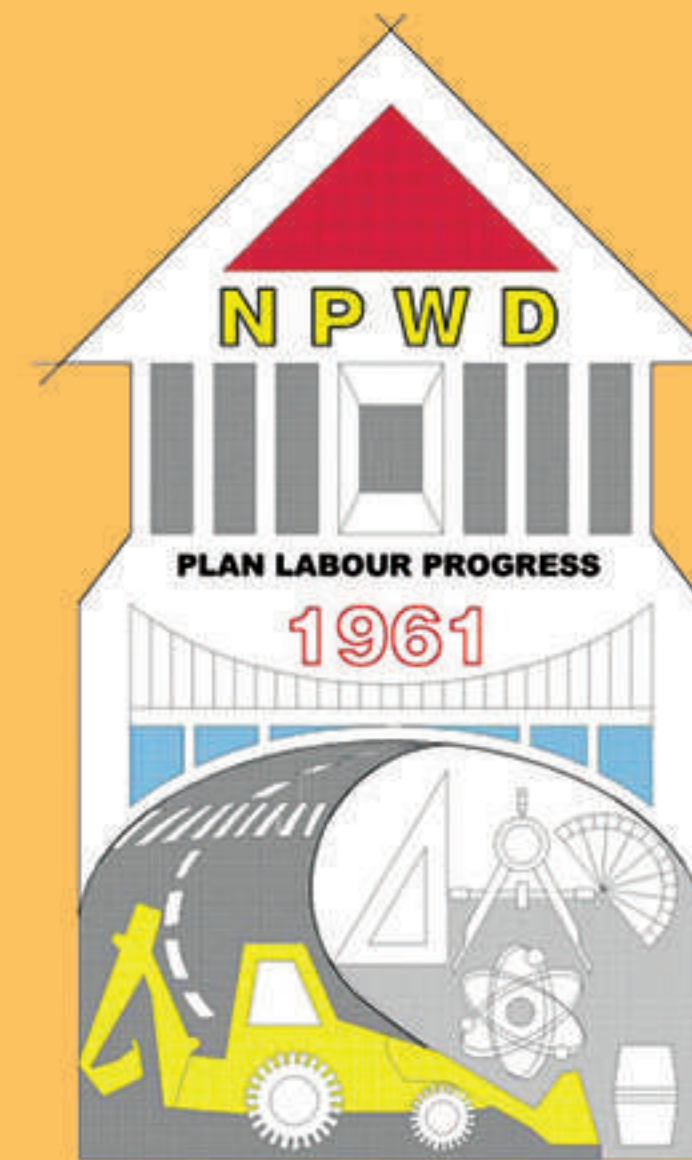
Conversional factor for other materials

	Description	Unit	Weight per Cum in M.tonne
	Boulder	Cum	2.40
	Stone Metal 90 mm size	Cum	2.40
	Stone metal 63 mm size	Cum	2.40
	Stone metal 53 mm size	Cum	2.40
	Stone metal 40 mm size	Cum	2.40
	Stone metal 22.4 mm size	Cum	2.20
	Stone metal 20 mm size	Cum	2.20
	Stone metal 13.2 mm size	Cum	2.10
	Stone metal 12 mm size	Cum	2.10
	Stone metal 10 mm size	Cum	2.10
	Sand	Cum	1.80
	Loose Earth	Cum	1.80

Requirement of materials in WBM works

Sl. No.	Description of Item	Unit	Aggregate		Bitumen Kg	Cement Bags	Sand Cum
			Size in mm	cum			
1	GSB (Plant mix method)						
	Grading No I	Cum	53 mm to 9.5 mm @ 50 %	0.64			
			9.5 mm to 2.36 mm @ 20 %	0.25			
			2.36 mm below @ 30 %	0.38			
	Grading No II	Cum	26.5 mm to 9.5 mm @ 35 %	0.44			
			9.5 mm to 2.36 mm @ 25 %	0.32			
			2.36 mm below @ 30 %	0.38			
	Grading No III	Cum	9.5 mm to 4.75 mm @ 35 %	0.44			
			4.75 mm to 2.36 mm @ 12.5 %	0.16			
			2.36 mm below @ 52.5 %	0.67			
	GSB (Mix in place method)						
	Grading No I	Cum	53 mm to 9.5 mm @ 50 %	0.64			
			9.5 mm to 2.36 mm @ 20 %	0.25			
			2.36 mm below @ 30 %	0.38			
	Grading No II	Cum	26.5 mm to 9.5 mm @ 35 %	0.44			
			9.5 mm to 2.36 mm @ 25 %	0.32			
			2.36 mm below @ 30 %	0.38			
	Grading No III	Cum	9.5 mm to 4.75 mm @ 35 %	0.44			
			4.75 mm to 2.36 mm @ 12.5 %	0.16			
			2.36 mm below @ 52.5 %	0.67			
2	GSB (with close graded material)						
	Grading No I	Cum	53 mm to 26.5 mm @ 35 %	0.44			
			26.5 mm to 4.75 mm @ 45 %	0.57			
			2.36 mm below @ 20 %	0.25			
	Grading No II	Cum	26.5 mm to 4.75 mm @ 75 %	0.96			
			2.36 mm below @ 25 %	0.32			
	Grading No III	Cum	9.5 mm to 4.75 mm @ 66 %	0.85			
			2.36 mm below @ 34 %	0.43			
3	Lime stabilization for improving sub grade	Cum	Lime	0.05 M.tonne			
4	Lime treated soil sub grade	Cum	Lime	0.05 M.tonne			
5	WBM						
	Grading No I	Cum	90 mm to 45 mm	1.21			
	Grading No II	Cum	63 mm to 45 mm	1.21			

Sl. No.	Description of Item	Unit	Aggregate		Bitumen Kg	Cement Bags	Sand Cum
			Size in mm	cum			
	WBM Grading No III	Cum	53 mm to 22.4 mm	1.21			
	Stone Screening						
	Type A for Gr. I	Cum	13.2 mm	0.27			
	Type A for Gr. II	Cum	13.2 mm	0.12			
	Type B for Gr. I	Cum	11.2 mm	0.20			
	Type A for Gr. II	Cum	11.2 mm	0.18			
	Moorum for Grading I	Cum		0.30			
	Moorum for Grading II & III	Cum		0.22			
	Binding material						
	Grading No I	Cum		0.08			
	Grading No II	Cum		0.06			
6	PCC 1:3:6	Cum	40 mm	0.90	0.00	4.60	0.45
7	Brick Masonry with Cement Mortar 1:3	Cum	Bricks in Nos	500.00	0.00	2.44	0.252
8	Coarse rubble stone Masonry	Cum	Stone	1.10			
			Size stone 0.24mx0.24mx0.39m	7 Nos	0.00	3.06	0.315
9	Random rubble stone masonry	Cum	Stone	1.257	0.00	3.16	0.325
10	PCC M-15	Cum	40 mm	0.54			
			20 mm	0.27			
			10 mm	0.09	0.00	5.506	0.45
11	PCC M-20	Cum	40 mm	0.36			
			20 mm	0.36			
			10 mm	0.18	0.00	6.880	0.45
12	RCC M- 20	Cum	20 mm	0.54			
			10 mm	0.36	0.00	6.946	0.45
13	PCC M -25	Cum	40 mm	0.36			
			20 mm	0.36			
			10 mm	0.18	0.00	7.986	0.45
14	RCC M- 25	Cum	20 mm	0.54			
			10 mm	0.36	0.00	8.066	0.45
15	Plastering with Cement Mortar 1 :3	10 Sqm				1.469	0.151



Government of Nagaland
NAGALAND PUBLIC WORKS DEPARTMENT
Works & Housing, Nagaland : Kohima