

GOVERNMENT OF ORISSA
WORKS DEPARTMENT
=0=

No. Codes-17/2003(Pt.)
From:

16416

/W., Bhubaneswar, dt.

26/9/03

Shri A.K. Bhadra,
F.A.-Cum-Jt. Secretary to
Government.

To

The Engineer-in-Chief(Civil), Orissa/
Engineer-in-Chief, Water Resources, Orissa/
Engineer-in-Chief, Electricity, Orissa/
Chief Engineer, D.P.I. & Roads, Orissa/
Chief Engineer, Buildings, Orissa/
Chief Engineer, Bridges, Orissa/
Chief Architect, Orissa/
Chief Engineer, R.D. & Q.P., Orissa/
Chief Engineer, N.Hs, Orissa/
Chief Engineer, Water Resources, Orissa/
Chief Engineer, R.W.-I & II, Orissa/
Chief Engineer, Electricity, Orissa/
Managing Director, M/s. O.B. & C.C. Ltd.,
Managing Director, M/s. O.C.C. Ltd., Orissa,
Bhubaneswar.

Sub:- Schedule of Rates - 2003

Sir,

I am directed to say that Government have been pleased to revise current schedule of Rates-2000 on the basis of rate of materials, Labour and conveyance charges and have prepared a new schedule of rate styled as " Schedule of Rates - 2003 " as per Annexure-'A'.

2. This has been concurred in the Finance Deptt. in their U.O.R. No. 594/WE-I dt. 15.7.2003.

3. This Schedule of rate-2003 shall come into effect from 1st. October, 2003.

Encl: As above.

Yours faithfully,

Memo No.

16417

F.A.-Cum-Joint Secretary to Govt.

/W., Dt. 26/9/03

Copy with the copy of the Schedule of Rates-2003. forwarded to P.S. to Minister, Works for kind information of Hon'ble Minister.

F.A.-Cum-Joint Secretary to Govt.

P.T.O.

Memo No. 16418/W., dated- 26/9/03

Copy with the copy of the Schedule of Rates-2003 forwarded to the Finance Department/Water Resources Deptt./Rural Development Deptt./H. & U.D.Deptt./Energy Deptt./Panchay Raj Deptt./Industries Deptt./Forest & Environment Deptt./All Other Departments of Government of Orissa for favour of information and necessary action.

They are requested to circulate the Schedule of Rates-2003 to their respective Field Officers for necessary action.

Memo No. 16419/W., dated- 26/9/03
Copy with the copy of the Schedule of Rates-2003 forwarded to the Accountant General (B&E), Orissa/Sr. D.A.G., (Works Audit) Orissa, for favour of information and necessary action.

F.A. - Cum - Jt. Secretary to Govt. 23/9/03

Memo No. 16420/W., dated- 26/9/03
Copy with the copy of the Schedule of Rates-2003 forwarded to the All Superintending Engineers/All Executive Engineers/All Section of Works Department and 100(One hundred) copies to F.A. Section for favour of information and necessary action.

F.A. - Cum - Jt. Secretary to Govt. 23/9/03

Memo No. 16421/W., dated- 26/9/03

Copy with the copy of Schedule of Rates-2003 forwarded to the Director Printing, Stationary and Publication, Orissa, Madhupatna, Cuttack for information and necessary action.

He is requested to arrange to publish the schedule of rates-2003 in the next issue of the Orissa Gazettes and supply spare copies of the same to this Deptt. for reference.

F.A. - Cum - Jt. Secretary to Govt. 23/9/03

Memo No. 16422/W., dated- 26/9/03
Copy with the copy of Schedule of Rates-2003 forwarded to the Superintending Engineer(P&N), Chairman, 'Rate Board' Office of the E.I.C. (Civil), Orissa, Nimman Soudha, BBSR for information and necessary action.

F.A. - Cum - Jt. Secretary to Govt. 23/9/03

He is requested to prepare detailed Schedule of Rates-2003 and its supporting Analysis of Rates-2003 and furnish the same to this Deptt. for approval of Govt. and onward transmission to Govt. press for printing.

F.A. - Cum - Jt. Secretary to Govt. 23/9/03

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bs. 1/19

ITEM NO.9 : CART LOAD OF MATERIALS

Sl.No.	Description of items	Quantity per cart load	
		Plain road	Hilly road
1	2	3	4
1.	Rough stone cut laterite stone	0.28 cum	0.23 cum
2.	Gravel, sand & surki	0.36 cum	0.28 cum
3.	Cut stone (granite & hard stone)	0.20 cum	0.15 cum
4.	Lime and wood	0.60 cum	0.42 cum
5.	Bricks	200 Nos.	150 Nos.
6.	Cement concrete & Flyash blocks		
	400mm X 200mm X 200mm	30 Nos.	22 Nos.
	400mm X 150mm X 200mm	40 Nos.	30 Nos.
	400mm X 100mm X 200mm	60 Nos.	45 Nos.
	300mm X 200mm X 150mm	55 Nos.	41 Nos.
	300mm X 150mm X 150mm	73 Nos.	55 Nos.
	300mm X 100mm X 150mm	110 Nos.	82 Nos.
7.	Pan tiles	1000 Nos.	800 Nos.
8.	Flat tiles		
	i) 15cm X 15cm X 1.25cm,	2000 Nos.	1600 Nos.
	ii) 30cm X 15cm X 2.5 cm.	500 Nos.	400 Nos.
	iii) 30cm X 30cm X 2.5 cm.	250 Nos.	200 Nos.
9.	Nuria tiles - 20cm X 25cm.	800 Nos.	600 Nos.
10.	Mangalore & Ranigang tiles	250 Nos.	200 Nos.
11.	Iron, cement, tar, pitch and other materials by weight.	454kg	363kg.

Note:- The rate of conveyance of materials are exclusive of voids of materials.

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ITEM NO.7 : CAPACITY OF TRUCKS

Sl.No.	Description of items	Capacity
1	2	3
1.	Rough stone and cut laterite stones	
	i) Rough stone (Boulders)	4.00 cum
	ii) Cut laterite stone	5.00 cum
2.	Gravel, sand & surki	6.00 cum
3.	Cut stone (granite & hard stone)	5.50 cum
4.	Lime	5.50 cum
5.	Wood	5.00 cum
6	a) Bricks 25 cm	2000 nos.
	b) Bricks 23 cm	2500 nos.
	c) Cement concrete & flyash blocks	
	400mm x 200mm x 200mm	300 nos
	400mm x 150mm x 200mm	400 nos.
	400mm x 100mm x 200mm	600 nos.
	300mm x 200mm x 150mm	550 nos
	300mm x 150mm x 150mm	730 nos
	300mm x 100mm x 150mm	1100 nos
	d) All kinds of tiles	180 sqm
7.	Iron, tar, pitch and other materials considered by weight	7.00 tonnes
8.	Cement	8.00 tonnes
9.	Straw for thatching	1000 nos or 100 head loads or 50 Bhar loads
10.	Bamboos	30 Bhar loads

Note:- Where materials are to be conveyed by head loads or by pack animals, rates are to be worked out on actual analysis and approved by the Superintending Engineer.

ITEM NO-8: HEAD LOADS

Sl.No.	Description of items	Capacity
1-2	2	3
1.	Each head load of straw	1 bundle or 1.5 mtr. in girth
2.	Each bhar load of straw	2 bundles or 1.5 mtr in girth
3.	Each head load of bamboo	Belangi 10 nos. muli 3 nos.
4.	Each bhar load of bamboo	Belangi 20 nos. muli 6 nos.

ITEM NO.6: CONVEYANCE BY BOAT INCLUDING LOADING & UNLOADING

Distance to be carried.	Rough stone, metal, khoa, chips, single, sand, surki, Quarry rubbish, moorum, Laterite stone, washed gravel, flyash & earth (Per 1 cum.)	Bricks 23 cm = 2500 Nos. Bricks 25 cm = 2000 Nos. Cement concrete & Flyash blocks 400mm X200mmX200mm=300 Nos. 400mm X150mmX200mm=400 Nos. 400mm X100mmX200mm=600 Nos. 300mm X200mmX150mm=550 Nos. 300mm X150mmX150mm=730 Nos. 300mm X100mmX150mm=1100Nos.	Iron, Grills Cement, lime Bitumen, A.C.sheet, G.C.I. sheet & Paint etc (per 1 Wood (per 0.1 cum).	Rate in Rs.			
				1	2	3	4
A) IN RIVER							
i) Upto 5 km.	23.00		156.00		3.00		
ii) Every extra km. beyond 5 km. & upto 16 km.	2.00		13.00		0.25		
iii) Every extra km. beyond 16 km.	1.00		8.00		0.25		
B) IN CANAL							
i) Upto 5 km.	16.00		125.00		2.50		
ii) Every extra km. beyond 5 km. & upto 16 km.	2.00		9.00		0.25		
iii) Every extra km. beyond 16 km.	1.00		8.00		0.25		

ITEM NO.5 : CONVEYANCE BY HEAD LOAD INCLUDING LOADING,
UNLOADING AND STACKING

DISTANCE to be carried.	Rough stone, metal, Khoa, chips, single, sand, surki, quarry rubbish, moorum, Laterite stone, washed gravel, flyash and earth(per 1 cum)	Iron Grills, cement, lime, bitumen, A.C. sheet, G.C.I. sheet & paint etc. (per 1 mtl) wood(per 0.125 cum)
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	Rate in Rs.	Rate in Rs.
1	2	3
(i) Up to 50 Mtr.	<u>13.00</u>	4.00
(ii) Beyond 50 Mtr. and upto 100 Mtr.	18.00	5.00
(iii) Beyond 100 Mtr. and upto 150 Mtr.	25.00	8.00

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ITEM NO.4 : UNLOADING, FORM RAILWAY WAGONS AND LOADING INTO TRUCKS

Sl. No.	Details of materials	Unit	Rate in Rs
1	2	3	4
	(i) Unloading from Railway Wagons and stacking on platform 1.0m. In clear of Rails within 15m. lead.		
	(a) Cement, Coal, paint and bitumen etc.	1 Cntl.	0.65
	(b) Steel, AC sheet and GCI sheet etc.	1 Cntl.	2.75
1.	(ii) Removing from Railway platform and loading into trucks.		
	(a) Cement, Coal, paint and bitumen etc.	Ditto	0.65
	(b) Steel, AC sheet and GCI Sheet etc.	Ditto	2.75

ITEM NO. 2 : LOADING INTO TRUCKS & UNLOADING FROM TRUCKS (WITHIN 5 LEAD) INCLUDING STACKING.

Sl. No.	Details of materials	Unit.	Rate in Rs.
1	2	3	4
1.	Rough stone, metal, chips, khoa, sand, surkey, quarry rubbish, laterite stone, moorum, washed gravel and earth etc.	Single, 1 Cum.	31.00
2.	Cement, Iron, Grill, Lime, Bitumen, A.C. Sheet, G.C.I Sheet, Coke, Coal, etc.	1 unit.	4.00
3.	Bricks 23cm = 2500 Nos. Bricks 25cm = 2000 Nos. Cement concrete & Flyash blocks. 400mm X 200mm X 200mm = 300 nos. 400mm X 150mm X 200mm = 400 nos. 400mm X 100mm X 200mm = 600 nos. 300mm X 200mm X 150mm = 550 nos. 300mm X 150mm X 150mm = 730 nos. 300mm X 100mm X 150mm = 1100 nos. All kinds of tiles = 180 Sqm.	1 Truck Load	200.00
4.	Bulky materials such as (a) Hume Pipes & fumitures (b) Heavy machineries such as compressors, concrete mixture, hot mix plant etc.	Ditto	250.00 315.00

- Note:-
- a) For item No. 1
 - i) 2/3 of rate is considered for loading.
 - ii) 1/3 of rate is considered for unloading.
 - b) For Item No. 2, 3 & 4
 - i) 50 percent of rate is considered for loading.
 - ii) 50 percent of rate is considered for unloading.

ITEM NO. 3 CARRIAGE BY BULLOCK CART INCLUDING LOADING & UNLOADING.

Sl. No.	Distance to be carried.	Unit.	Rate in Rs.
1.	(i) First K.M.	1 Cart Load	25
	(ii) Subsequent K.M.	-do-	11.00

RATES FOR CONVEYANCE OF MATERIALS

CONVEYANCE OF MATERIALS BY 10 TONNE TRUCKS INCLUDING LOADING AND UNLOADING.

Distance to be carried	Rough stone, metal, Khas, chips single, sand, surki, quarry rubbish, moorum, laterite stone, washed gravel, flyash & earth (per 1 Cum.)	Bricks 23cm. = 2500 Nos. Bricks 25cm. = 2000 Nos. Cement Concrete & Flyash Blocks 400 mm X 200 mm X 200mm = 20 Nos. 400 mm X 150mm X 200mm = 40 Nos. 400 mm X 100 mm X 200mm = 60 Nos. 300mm X 200mm X 150mm = 50 Nos. 300 mm X 150 mm X 150mm = 70 Nos. 300mm X 100mm X 150 mm = 100 Nos. All kinds of tiles = 180 Sqm. (Per Truck)	Iron, Grills, Cement, Bitumen, A. C. sheet, G. C. I. Sheets and Paint etc. (Per 1000kg.) Wood (Per 1.25 cum).	Railway Station. Other Places.	Bulky materials like machineries, Generators, Concrete Pipes & furniture's etc. (Per Truck)
Upto 5 Km.	65.00	420.00	65.00	60.00	570.00
Every Extra Km. beyond 5 Km. and	4.00	18.00	4.00	4.00	18.00
Every Extra Km. beyond 50 Kms.	3.00	12.00	3.00	3.00	12.00

Note : Extra percentage to be allowed over the rates for
 1. For earthen roads or village tracks or cross country tracks 20% extra may be allowed on the certificate of Executive Engineer after his inspection and duly approved by Superintending Engineer.

2. For declared hat roads add extra length of Ghat road portion.

NOTE :

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1. Labour rates for Un-skilled, Semi-skilled, Skilled and Highly skilled as are to be fixed from time to time by Labour Department under Minimum Wages Act shall prevail in respect of any category whatsoever.
2. The rates for above four categories of labour are inclusive of weekly day of rest.
3. An Adult Employee shall work for 8 (Eight) hours per day including half-an-hour of rest.

Sl. No.	DESCRIPTION.	UNIT	RATE (in Rs.)
(E)	Other Category (Not covered by the Notification of Labour & Employment Deptt.).		
1.	Boring Mistry (Special)	Per Day	80.00
2.	Winch Operator	-do-	110.00
3.	Well Sinker (Special)	-do-	170.00
4.	Helper to Well Sinker	-do-	80.00
5.	Computer Programmer / analyzer.	Per month.	5000.00
6.	Computer Operator	-do-	4000.00
7.	Helper to operator of Heavy Construction Machineries.	-do-	3500.00
8.	Mechanic for Heavy Construction Machineries.	-do-	4000.00
9.	Helper to mechanic for heavy construction Machines.	-do-	3000.00
10.	Operator for Heavy Construction Machineries.	-do-	5000.00
11.	Junior Research Assistant (Technical Assistant).	-do-	4000.00

1	2	3	4
14	Electrician/Rigger/Line man/ Telephone attendant.	Per Day	70.00
15	Gardener	-do-	70.00
16	Amin.	-do-	70.00
17	Tracer	-do-	70.00
18	Junior Progress Recorder.	-do-	70.00
19.	Store Keeper Grade-II /Store Assistant/Accounts Clerk/Clerk/ Typist/Tool Keeper/Time Keeper/ Munsi.	-do-	70.00
D)	Category Highly Skilled		
1	Blaster (Licensed)	-do-	80.00
2	Mason (Special)	-do-	80.00
3	Carpenter (Special)	-do-	80.00
4	Black Smith (Special)	-do-	80.00
5	Fitter (Special)	-do-	80.00
6	Painter/Polisher (Special)	-do-	80.00
7	Welder (Special)	-do-	80.00
8	Plumber (Special)	-do-	80.00
9	Driller (Special)	-do-	80.00
10.	Stone Dresser/Cutter (Special)	-do-	80.00
11.	Driver for well sinking in Bridges (Per Shift of Four hours)	-do-	80.00
12	Electrician/Air conditioning plant operator/wire man/Lift operator/ diesel pump operator (Special)	-do-	80.00
13	Jeep Driver/Tractor Driver/ Truck Driver /Dozer Driver / Roller Driver/Concrete mixer operator/Crane operator.	-do-	80.00
14	Auto Electrician.	-do-	80.00
15.	Guinting Machine operator	-do-	80.00
16.	Senior Accountant/Stenographer.	-do-	80.00
17.	Supervisor / Manager.	-do-	80.00
18.	Testing Laboratory Assistant / Instrument mechanic/Telephone mechanic.	-do-	80.00
19.	Rigger and Cobbler with Tools Driver (Heavy Vehicle).	-do-	80.00

Contd.....

1	2	3	4
2	Night mulia or attendant working per day in flood and other emergent works.		60.00
3.	Mulia for handling hot binding and Tar boiler men	-do-	60.00
4	Sangi mulia	-do-	60.00
5	Pile driving mate (Guide man)	-do-	60.00
6	Mate	-do-	60.00
7	Helper to Carpenter/Blacksmith/ Painter/Blaster/Plumber/ Electrician/Fitter/Welder.	-do-	60.00
8	Hammer man.	-do-	60.00
9	Thacher or Gharami	-do-	60.00
10	Tile Turner or Tile layer	-do-	60.00
11	Majhi or Boatman.	-do-	60.00
12	Bristl	-do-	60.00
13	Well sinker (Open well)	-do-	60.00
14	Rod binder and bender	-do-	60.00
15	Cleaner / Sweeper	-do-	60.00
16	Stone packer	-do-	60.00
17	Pump Helper	-do-	60.00
18	Watchman (Store)/Gurkha Watcher/ Security Guard.	-do-	60.00
19	Bellow man.	-do-	60.00
C)	Category-Skilled		
1	Blaster (2nd. Class)	-do-	70.00
2	Mason (2nd. Class)	-do-	70.00
3	Black Smith (2nd Class)	-do-	70.00
4	Carpenter (2nd class)	-do-	70.00
5	Fitter (2nd Class)	-do-	70.00
6	Painter /Polisher (2nd. Class)	-do-	70.00
7	Welder (2nd Class)	-do-	70.00
8	Plumber (2nd Class)	-do-	70.00
9	Driller (2nd Class)	-do-	70.00
10	Stone Dresser/Cutter; (2nd Class)	-do-	70.00
11.	Cobbler with tools ('2nd Class)	-do-	70.00
12	Wireman/Lift opertor;/Diesel Pump Driver/Opertor;/Telephone operator (2nd Class)	-do-	70.00
13	Boring Mistry/Pipe Driver	-do-	70.00

(b) For wood works the supply rates are fixed by the Forest Corporation shall prevail over that stated in this schedule of rates.

III. Items under Miscellaneous Head.

The rates under the sub-head under the Miscellaneous items are inclusive of labour and cost of all materials and conveyance except where otherwise mentioned in the description of items.

IV. Cement and steel.

The rates of cement and steel will be the rates as fixed by IDCOL and SAIL, respectively from time to time.

V. Materials under E.P.M./D.G.S. & D's Rate.

1. In case of item of works or for supply of materials against which rates have been approved by directorate of Export Promotion and Marketing the same rate shall be made applicable for adoption in this schedule of rates.

2. In case of items of work or for supply of materials against which rates have been approved by the D.G.S. & D. the same rate shall be made applicable for adoption in the schedule of rates provided that if the rates of same items of work or for supply of materials are also forced by E.P.M. the E.P.M. rates will prevail over D.G.S. & D's rates.

VI. Weight of Cement.

14.30 quintals per one Cum.

RATES OF LAECOUR

Sl. No.	DESCRIPTION	UNIT	RATE (. in Rs.)
1	2	3	4
	A) Category - Un-skilled.		
1	Male Mulia	Per Day	50.00
2	Female Mulia	Ditto	50.00
3	Survey Khalasi/Chain man.	-do-	50.00
4	Scavanger	-do-	50.00
	B) Category - Semi-skilled		
1.	Mulia working in water or arduous nature of work	-do-	60.00

Contd.....

170.	Vinyl Flooring (ISI).		
(a)	Homogeneous Range (T.S.I.)		
i)	PVC (MF) Classic roll-1.00 mm thick	Sqm.	243.00
ii)	PVC (MF) Classic tile-1.00 mm thick.	-do-	266.00
iii)	PVC (MF) impress roll-1.50 mm thick	-do-	324.00
iv)	PVC (MF) impress tile-1.50 mm thick.	-do-	357.00
v)	PVC (MF) super roll - 2.00 mm thick	-do-	430.00
vi)	PVC (MF) super tile-2.00 mm thick	-do-	473.00
(B)	Heterogeneous Range (T.S.I.)	Sqm	
i)	PVC (MF) Hetro roll-2.00 mm thick	-do-	397.00
ii)	PVC (MF) hetro tile-2.00 mm thick	-do-	438.00

NOTE:

I. Stone and stone products.

(1) The rates of materials are basic rates excluding cost of conveyance, royalties and but including cost of other local taxes and stacking.

(2) Rubble stone boulders, rough stones, soiling stones measured by volume of closely packed stack, 1/6 volume for voids should normally be deducted from closely packed stacks. For loosely packed stack percentage of voids should be determined on actual observation and are to be deducted.

(3) Normally blasted stones should not be used for soiling stone where hand broken stones are available.

(4) 12 1/2 percent voids should be deducted from metal stacks. The box heaps of 1.5m. X 1.5m X 0.50m to be measured as 1.5m X 1.5m X 0.44m = 1 cum similar measurements to be adopted for gravel stacks also and voids deducted. The rates are excluding voids.

(5) Metal 4cm . size means fully passing through 5cm. square mesh and retained in 2.5cm. size similar 2.5cm size means fully passing through 4cm. mesh and retained in 2cm. mesh and so on.

(6) Lower rates where exists will continue and to be adopted.

II. Wood work

(a) The rate of wood work items are equivalent to the rates of Orissa Forest Dev. Corporation on the average. If any charge to the rates is made by the Forest Corporation the revised rates shall be taken in to consideration while arriving at the finished rates.

Sl. No.	Name of Materials	Unit	Rate in Rs.
1	2	3	4
163.	Black glass (I.S.I.)	Sqm.	
a)	4mm	-do-	344.00
b)	5mm	-do-	409.00
c)	6 mm	-do-	516.50
d)	8 mm	-do-	861.00
e)	12mm	-do-	1345.00
164.	Frosted glass (I.S.I.)	Sqm	
a)	4mm	-do-	301.00
b)	5mm	-do-	344.00
165.	Wire glass-6mm (I.S.I.)	Sqm	430.00
166.	Sun-control film (I.S.I)	Sqm	
a)	Reflective	-do-	366.00 ✓
b)	Non-reflective	-do-	220.00 ✓
167.	Prelaminated particle board (Novapan standard type) (I.S.I.)		
a)	9mm	Sqm	438.00
b)	12 mm	-do-	490.00
c)	18mm	-do-	564.00
d)	25mm	-do-	637.00
168.	BWR plywood (I.S.I.)	Sqm	
a)	3mm	-do-	186.00
b)	4mm	-do-	225.00
c)	6mm	-do-	332.00
d)	9mm	-do-	405.00
e)	12mm	-do-	563.00
f)	16mm	-do-	670.00
g)	19mm	-do-	791.00
h)	25mm	-do-	1137.00
169.	BWR Block Board (I.S.I.)	Sqm	
a)	16mm	-do-	543.00
b)	19mm	-do-	642.00
c)	25mm	-do-	753.00
d)	32mm	-do-	916.00

(Contd.....)

1.	2.	3.	4.
151.	But hinges(Heavy type(I.S.I.))		
a)	125mmx85mmx5.5mm (0.07 kg)	Each	113.00
b)	100mmx85mmx5.5mm(0.056kg)	-do-	96.00
c)	75mmx65mmx4mm(0.02kg)	-do-	35.00
152.	Brass tower bolt(Barrel type)(ISI).		
a)	250mmx10mm	Each	100.00
b)	200mmx10mm	-do-	80.00
c)	150mmx10mm	-do-	60.00
d)	100mmx10mm	-do-	40.00
153.	Brass Screws(I.S.I.)		
a)	50mm	100. Nos.	90.00
b)	40mm	-do-	80.00
c)	30mm	-do-	70.00
d)	25mm	-do-	60.00
e)	20mm	-do-	40.00
	Chromium plated fittings(Brass)(I.S.I.)		
154.	Handle (I.S.I.)		
a)	125mm with 175x32mm plate	Each	79.00
b)	100mm with 150x25mm plate	-do-	63.00
c)	75mm with 125x25mm plate	-do-	54.00
155.	Wall cement primer(I.S.I.)		
a)	Oil bound	1 ltr.	95.00
b)	Water bound	-do-	92.00
156.	Aluminium paint(I.S.I.)	-do-	170.00
157.	Weather seal coat(ISI)	-do-	200.00
158.	Adhesive (ISI)		
a)	Dendrite type	kg	142.00
b)	Fevicol type	kg	127.00
159.	Bitumenous expansion joint board(ISI)		
a)	12mm thick	-do-	417.00
b)	16mm thick	-do-	625.00
c)	25mm thick	-do-	833.00
160.	Barbed wire (ISI)	kg	29.00
161.	Glass Plain (ISI)	Sqm.	
a)	3mm	-do-	237.00
b)	4mm	-do-	269.00
c)	5mm	-do-	355.00
d)	6mm	-do-	409.00
e)	8mm	-do-	646.00
f)	10mm	-do-	915.00
g)	12mm	-do-	1055.00
162.	Glass pin headed(ISI)	Sqm.	
a)	4mm	-do-	172.00
b)	5mm	-do-	237.00

1.	2.	3.	4.
142.	Steel window handle including Nut, bolt & washer (ISI).		
a)	100mm	Each	10.00
b)	150mm	-do-	<u>12.00</u>
143.	Welded mesh		
a)	25mmx25mmx11 gauge	Sqm	108.00
b)	25mmx25mmx13 gauge	-do-	97.00
c)	50mmx25mmx11 gauge	-do-	97.00
d)	50mmx25mmx13 gauge.	-do-	86.00
144.	G.I. "L" & "J" hook	kg	30.00
145.	W.I. clamp	kg	25.00
	Aluminium fittings (I.S.I.)		
146.	Butt hinges (ISI)		
a)	125mmx75mmx4mm	Each	42.00
b)	125mmx63mmx4mm	-do-	34.00
c)	100mmx75mmx4mm	-do-	33.00
d)	100mmx63mmx4mm	-do-	31.00
e)	75mmx63mmx4mm	-do-	15.00
f)	50mmx35mmx3.2mm	-do-	6.00
147.	Aluminium handle (ISI)		
a)	150mm with 175mm x 40mm flat	Each	12.00
b)	125mm with 175mmx40mm flat	-do-	10.00
c)	100mm with 150mmx33 ^m flat	-do-	10.00
d)	75mm with 118mm x 33mm flat	-do-	15.00
148.	Aluminium tower bolt (Barrel type) (ISI)		
a)	300mmx10mm	Each	33.00
b)	250mmx10mm	-do-	<u>30.00</u>
c)	200mmx10mm	-do-	28.00
d)	150mmx10mm	-do-	24.00
e)	100mmx10mm	-do-	18.00
149.	Sliding door bolt (Aldrop) (ISI)		
a)	300mm x 16mm	Each	<u>125.00</u>
b)	250mmx16mm Brass fittings, I.S.I.)	-do-	115.00
150.	Butt hinges (Light/Ordinary) (ISI)		
a)	125mmx70mmx4mm	Each	35.00
b)	100mmx70mmx4mm	-do-	23.00
c)	75mmx40mmx2.5mm	-do-	12.00
d)	50mmx40mmx2.5mm	-do-	7.00

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RATE OF MATERIALS

Sl.No. 1.	Name of Materials 2.	Unit 3.	Rate in Rs. 4.
Oxidized mild steel fittings (I.S.I.)			
136.	But hinges (I.S.I.)		
a)	50x37x1.50mm	Each	3.00
b)	75x47x0.70mm	-do-	4.00
c)	100x58x1.90mm	-do-	8.00
d)	125x65x2.12mm	-do-	12.00
137.	M.S. aldrop (I.S.I.)		
a)	250x16mm	Each	47.00
b)	300x16mm	-do-	50.00
138.	M.S. handle (ISI)		
a)	100mm	Each	7.00
b)	125mm	-do-	8.00
c)	150mm	-do-	10.00
139.	M.S. tower bolt (ISI)		
a)	100x10mm	Each	8.00
b)	150x10mm	-do-	12.00
c)	200x10mm	-do-	16.00
140.	M/S. Screw (ISI)		
a)	12x3mm	100 Pcs.	14.00
b)	12x4mm	-do-	15.00
c)	20x4mm	-do-	20.00
d)	20x5mm	-do-	21.00
e)	25x4mm	-do-	23.00
f)	25x5mm	-do-	26.00
g)	30x4mm	-do-	27.00
h)	30x5mm	-do-	28.00
i)	30x6mm	-do-	30.00
j)	35x6mm	-do-	32.00
k)	35x7mm	-do-	35.00
l)	35x8mm	-do-	38.00
m)	50x7mm	-do-	45.00
n)	50x8mm	-do-	50.00
141.	Steel window stay bar (I.S.I.)		
a)	200mm	Each	12.00
b)	250mm	-do-	14.00
c)	300mm	-do-	16.00

1	2	3	4
113.	G.C.I. Sheet	1 Sqm.	160-00
114.	A.C. Sheet	Ditto	120.00
115.	A.C. ridges:	1 pair	125.00
116.	6mm. Thick Plain A.C. Sheet	1 Sqm.	150.00
117.	Tar Paper	Ditto	8.00
118.	putty (Wood)	1 Kg.	20.00
119.	Putty (Iron)	Ditto	70.00
120.	Wire Nails	Ditto	25.00
121.	M.S. Angle.	1 Cntl.	1850.00 ✓
122.	M.S. Channel	Ditto	1850.00
123.	Bolt, Nut & Washers.	1 Kg.	35.00
124.	Holding down bolts minimum 60mm long with 15cm. X 15cm. X 6mm. size washer plate.	1 Kg.	35.00
125.	Binding Wire	Ditto	25.00
126.	Coir String	Ditto	25.00
127.	Empty Cement bags (HDPE) by lot & not shorted out.	100 Nos.	300.00
128.	Straw in Bundle	Ditto	150.00 ✓
129.	Marble Chips	1 Cntl.	375.00
130.	Marble Powder	Ditto	250.00
131.	Cement		
	a) 33 grade	Ditto	320.00
	b) 43 grade	Ditto	330.00
	c) 53 grade	Ditto	340.00
132.	White Cement	Ditto	1200.00
133.	Steel		
	a) Plain	Ditto	1700.00
	b) HYSD (FE-415)	Ditto	1800.00 ✓
134.	"Z" type Steel Sheet Piles.	Ditto	2500.00
135.	Bentonite powder	Ditto	175.00

P.T.O.

1	2	3	4
92.	Marble Tiles (16mm. to 25mm. thick) dunguri variety.		
	a) upto 0.10 Sqm.	1 Sqm.	400.00
	b) Above 0.10 Sqm. to 0.40 Sqm.	Ditto	480.00
	c) Above 0.4 Sqm. to 1.00 Sqm.	Ditto	590.00
93.	Kota Tiles (16mm. to 25mm. thick)		
	a) Upto 0.10 Sqm.	Ditto	300.00
	b) Above 0.10 Sqm.	Ditto	380.00
94.	Khandolites (Upto 0.06 Sqm.)	Ditto	170.00
95.	Granite Tiles		
	a) Upto 0.10 Sqm. (Up to 10mm. thick)	1 Sqm.	970.00
	b) Above 0.10 Sqm.	Ditto	
	i) Above 0.10 Sqm. & upto 0.4 Sqm.	Ditto	1180.00
	ii) Above 0.40 Sqm. (10mm. to 20mm. thick)	Ditto	1450.00
96.	Kodappa Tiles (16mm. and above thickness)		
	a) Upto 0.40 Sqm.	Ditto	230.00
	b) Above 0.40 Sqm.	Ditto	320.00
97.	Dholpuri Stone Tiles.	Ditto	220.00
98.	Glazed Tiles	Ditto	320.00
	a) 20cm X 30cm. wall tiles		
	b) 30cm. X 30cm. Floor tiles.		
99.	Chequered Tiles	Ditto	150.00
100.	Terrazo Tiles		
	a) with gray Cement.	Ditto	150.00
	b) with white cement.	Ditto	190.00
101.	Red oxide Primer	1 liter	70.00
102.	Wood Primer	Ditto	75.00
103.	Wood Shine Paint	Ditto	90.00
104.	Plastic Emulsion paint	Ditto	145.00
105.	Enamel Paint	Ditto	110.00
106.	Distemper	1 Kg.	40.00
107.	Cement paint	Ditto	25.00
108.	Red oxide powder	Ditto	70.00
109.	French polish	1 liter	100.00
110.	Varnish	Ditto	80.00
111.	Plaster of paris	1 Kg.	5.00
112.	Coal Tar	Ditto	25.00

1	2	3	4
73.	Seasoned rough dressed sawn Sal wood having minimum dimensional 50mm. to 150mm. and above 2.75m. long.	1 Cum.	21100.00
74.	Seasoned rough dressed sawn Sal wood having minimum dimensional 50mm. to 150mm and above 2.75m. long.	ditto	<u>23200.00</u>
75.	Seasoned rough dressed sawn Sal wood having minimum dimensional 100mm. & above 2.75m. long.	Ditto	<u>23200.00</u>
76.	Seasoned Sal wood planks not more than 75mm. thick and not less than 200mm. width.	Ditto	21100.00
77.	Seasoned Piasal wood planks for shutters.	Ditto	34200.00 ✓
78.	Seasoned Teak wood planks for shutters.	Ditto	47200.00
79.	Non-Sal wood scantling and planks (Tentera, Kasi, Gamhari, Kuruma)	Ditto	<u>10600.00</u>
80.	Non-Sal reapers.	Ditto	7000.00
81.	Fire wood	1 Qntl.	250.00
82.	1st. class Raniganj or Mangalore pattern tiles.	100 Nos.	590.00
83.	Ridges of Raniganj or Mangalore pattern tiles.	Ditto	950.00
84.	Flat tiles (14Cm.X14Cm.X 1Cm.)	1000 Nos.	180.00
85.	Flat tiles (15Cm.X15Cm.X1.2Cm)	Ditto	200.00
86.	Flat tiles (30cm.X15cm.X2.5cm.)	Ditto	880.00
87.	Flat tiles (30cm.X30cm.X2.5cm.)	Ditto	1050.00
88.	Pan tiles	Ditto	190.00
89.	Nuria tiles (20cm.to 25cm.)	Ditto	450.00
90.	Nuria tiles (25cm. to 30cm.)	Ditto	500.00
91.	Ridge tiles	Ditto	570.00

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2.	3.	4.
Sal bullahs above 250mm & upto 380mm. mean dia & upto 2.75m. long upto 4.75m. long.	Ditto	9 400.00
Sal bullahs above 250mm & upto 380mm. mean dia & above 4.75m. long.	Ditto	10 200.00
Non-Sal bullahs 75mm. dia of any length.	1 Mtr.	20.00
Non-Sal bullahs 100 mm. mean dia of any length.	Ditto	25.00
Non-Sal bullahs 125mm. mean dia of any length.	Ditto	35.00
Non-Sal bullahs 150mm. to 200mm. mean dia of any length.	Ditto	45.00
Non-sal bullahs above 200mm. & upto 250mm. mean dia upto 2.5m long.	1 Cum.	3370.00
Non-sal bullahs above 200mm. & upto 250mm. mean dia above. 2.5m.	Ditto	3500.00

(P. T. O.)

48.	Soling stone boulder 15cm. & above size other than granite or laterite picked up nullah boulders & broken	Ditto	75.00
49.	Soling stone boulders 10cm. size picked up other than granite	Ditto	60.00
50.	Hard broken soling stone other than granite (40mm. to 90mm.)	Ditto	100.00
51.	I.R.C. Grade-I (40mm to 90mm.)	Ditto	310.00
52.	I.R.C. Grade-II (40mm to 62mm)	Ditto	360.00
53.	I.R.C. Grade-III (25mm. to 50mm)		380.00
54.	Laterite soling stone 23cm size 1 cum		50.00
55.	Laterite stone rough dressed	Ditto	330.00 330
56.	Bamboo mat or telai	1 Sqm.	60.00
57.	Bamboo 1st class 7cm to 10cm Dia & above 6m. Long	Each	75.00
58.	a) Belongi Bamboo 2.51 Cm to 4 Cm. dia & above 5m. long	Ditto	8.00
	b) Belongi Bamboo above 4cm. dia & up to 7 cm. dia & above 5m. long	Ditto	13.00
59.	Sal bullahs 75mm. to 120mm. dia up to 5.5m. long	1Mtr.	40.00
60.	Sal bullahs 150mm to 200mm dia up to 5.5m. long	Ditto	50.00
61.	Sal bullahs above 200mm & up to 250mm dia & upto 2.75m. long	1 Cum	4880.00
62.	Sal bullahs above 200mm & up to 250mm. dia above 2.75m long & up to 4.75m.	Ditto	5500.00
63.	Sal bullahs above 200mm. & up to 250mm. Dia above 4.75m. long	Ditto	6300.00
64.	Sal bullahs above 250mm. & up to 300mm. mean dia & up to 2.75m. long	Ditto	7500.00

(P.T.O)

24 45.60

124.36