

**GUJARAT ENGINEERING RESEARCH INSTITUTE(GERI)
SCHEDULE OF RATES FOR THE YEAR 2018-19**

SR NO	NAME OF TEST	UNIT	S.O.R. 2018-19	
			GOVT. RATE	PRIVATE RATE
			Rs.	Rs.
SM	SOIL MECHANICS			
1	HYDROMETER ANALYSIS	No.	1507	1808
2	SIEVE ANALYSIS	No.	920	1104
3	SILT ANALYSIS	No.	DELETED	
4	ATTERBERG LIMIT	No.	1463	1756
5	SPECIFIC GRAVITY	No.	1106	1327
6	SHRINKAGE LIMIT	No.	1199	1439
7	FIELD DRY DENSITY & MOISTURE CONTENT (LABORATORY)	No.	986	1183
8	LIGHT COMPACTION (PROCTOR)	No.	1757	2108
9	HEAVY COMPACTION (MODIFIED PROCTOR)	No.	2082	2498
10	MIN. & MAX. DENSITY (RELATIVE DENSITY)	No.	2164	2597
11	SWELL PRESSURE	No.	2344	2813
12	FREE SWELL	No.	897	1076
13	UNCONFINED COMPRESSION	No.	725	870
14	LABORATORY VANE SHEAR	No.	1261	1513
15	PERMEABILITY (SMALL SIZE)	No.	846	1015
16	BOX SHEAR (SMALL SIZE)	No.	1505	1806
17	CONSOLIDATION (SMALL SIZE)	No.	6029	7235
18	CONSOLIDATION (LARGE SIZE)	No.	DELETED	
19	UNCONSO UNDRAINED TRIAXIAL SHEAR(3 CAKE)SMALL SIZE	No.	5415	6498
20	CONSOLIDATED UNDRAINED TRIAXIAL(3CAKES) SMALL SIZE	No.	16793	20152
21	COLLECTION OF U/D SAMPLES (TUBE SAMPLE)	No.	1374	1649
22	STANDARD PENETRATION TEST	No.	1032	1238
23	NATURAL MOISTURE CONTENT	No.	515	618
24	COLLECTION OF U/D SAMPLE BY CORE CUTTER (INCH FDD & FMC)	No.	1297	1556
25	INSITU DRY DENSITY (100MM.DIA.)BY SAND REPLACEMENT	No.	1017	1220
26	INSITU DRY DENSITY BY WATER REPLACEMENT (30CM.RING INCL.NMC)	No.	1054	1265

SR NO	NAME OF TEST	UNIT	S.O.R. 2018-19	
			GOVT. RATE	PRIVATE RATE
			Rs.	Rs.
27	HAND AUG.IN SOIL EXCLUD.GRAVELLY SOIL & HARD MORRUM (1 MT DEPTH)	1 mt.	1843	2212
28	HAND AUGERING USING CASING	1 mt.	DELETED	
29	MACHINE DRILLING MOUNTED ON TRUCK (1 MT. DEPTH)	1 mt.	DELETED	
30	FIELD PERMEABILITY TEST IN CASED BORE HOLE	No.	4212	5054
31	FIELD PERMEABILITY BY STD. POOL METHOD (INCL.NMC)	No.	DELETED	
32	FIELD VANE SHEAR (BORER TYPE)	No.	3270	3924
33	FIELD VANE SHEAR (INCL. NMC)	No.	1522	1826
34	PLATE LOAD TEST ON SOIL	No.	38788	46546
35	CYCLIC PLATE LOAD TEST ON SOIL	No.	45659	54791
36	LOAD TEST ON PILES (ANCHORING OF ROADS DONE BY PARTY)	No.	15385	18462
37	DYNAMIC CONE PENETRATION (NON RETURN)	0.30mt	1194	1433
38	DYNAMIC CONE PENETRATION (RETURN)	0.30mt	DELETED	
39	STATIC CONE PENETRATION TEST	No.	2414	2897
40	FOOTING LOAD TEST	No.	49994	59993
41	CYCLIC TRIAXIAL TESTING	No.	DELETED	
42	MEDIUM SIZE BOX SHEAR	No.	4566	5479
43	LARGE SIZE BOX SHEAR	No.	DELETED	
44	PIN HOLE	No.	2638	3166
45	MEASURING DEVICES VERIFICATION		DELETED	
45.1	TESTING OF PRESSURE GAUGE	No.	1511	1813
45.2	TESTING OF PROVING RING	No.	1489	1787
45.3	TESTING OF DIAL GAUGE	No.	1319	1583
	GEOSYNTHETIC UNIT			
46	MASS PER UNIT AREA (GEOTEXTILE / GEOGRID)	No.	400	480
47	THICKNESS MEASUREMENT(GEOTEXTILE)	No.	429	515
48	WIDE WIDTH TYENSILE STRENGTH (GEOTEXTILE GEOGRIT)	No.	1753	2104
49	GRAB TENSILE STRENGTH (GEOTEXTILE)	No.	1007	1208
50	TRAPOZODIAL TEAR STRENGTH (GEOTEXTILE)	No.	1007	1208
51	PUNCTURE RESISTANCE TEST (GEOTEXTILE)	No.	1122	1346
52	CBR TEST (GEOTEXTILE)	No.	1104	1325

SR NO	NAME OF TEST	UNIT	S.O.R. 2018-19	
			GOVT. RATE	PRIVATE RATE
			Rs.	Rs.
MT	MATERIAL TESTING			
1	COARSE AGGREGATE			
1.01	GRADING OR MECHANICAL ANALYSIS	No.	831	997
1.02	IMPACT	No.	603	724
1.03	SOUNDNESS (5 CYCLE)	No.	2585	3102
1.04	LOSS ANGELS ABRASION	No.	1451	1741
1.05	ALKALI REACTIVITY	No.	6346	7615
1.06	CRUSHING VALUE	No.	1358	1630
1.07	SPECIFIC GRAVITY AND WATER ABSORPTION	No.	1311	1573
1.08	FLAKINESS INDEX	No.	757	908
1.09	ELONGATION INDEX	No.	757	908
1.10	BULK DENSITY	No.	370	444
2	FINE AGGREGATE			
2.01	BULK DENSITY	No.	370	444
2.02	SOUNDNESS (5 CYCLE)	No.	2369	2843
2.03	ALKALI REACTIVITY	No.	5354	6425
2.04	SILT CONTENT	No.	339	407
2.05	SPECIFIC GRAVITY AND WATER ABSORPTION	No.	1311	1573
2.06	FINENESS MODULUS	No.	597	716
3	BRICKS			
3.01	COMPRESSIVE STRENGTH (5 No. of bricks)	Sample	1626	1951
3.02	WATER ABSORPTION (5 No. of bricks)	Sample	1249	1499
3.03	EFFLORENCE TEST (5 No. of bricks)	Sample	1101	1321
3.04	DIMENSION & TOLERANCE (20 No. of bricks)	Sample	459	551
3.05	COMPRERSIVE STRENGTH (ACID RESISTENCE BRICKS) -(5 No. of bricks)	Sample	2093	2512
3.06	WATER ABSORPTION (ACID RESISTENCE BRICKS) - (5 No. of bricks)	Sample	1173	1408
3.07	FLEXURAL STRENGTH (ACID RESISTENCE BRICKS) - (5 No. of bricks)	Sample	1209	1451
4	BUILDING STONE			
4.01	PREPARATION OF ONE TEST SAMPLE FROM RUBBLE BY CUTTING (For 6 Nos).	Sample	2400	2880
4.02	COMPRESSIVE STRENGTH OF PREPARED TEST SPECIMEN	No.	204	245
4.03	WEATHERING TEST	Sample	9213	11056
4.04	DURABILITY TEST	No.	8572	10286
4.05	SPECIFIC GRAVITY (APPARENT) AND WATER ABSORPTION	No.	1344	1613
4.06	SPECIFIC GRAVITY (TRUE)	No.	1255	1506

SR NO	NAME OF TEST	UNIT	S.O.R. 2018-19	
			GOVT. RATE	PRIVATE RATE
			Rs.	Rs.
5	CEMENT			
5.01	CONSISTENCY TEST	No.	728	874
5.02	INITIAL & FINAL SETTING TIME	No.	1173	1408
5.03A	SOUNDNESS TEST (BY LECHATTLIER)	No.	408	490
5.03B	SOUNDNESS TEST (BY AUTOCLAVE)		Deleted	
5.04	COMPRESSIVE STRENGTH	No.	1886	2263
5.05	FINENESS BY SIEVING	No.	349	419
5.06	FINENESS BY BLAINS	No.	1561	1873
5.07	COMP.STRENGTH OF C C CUBE OR CYLINDER (For 3 Nos. of cube = 1 sample)	Sample	407	488
5.08	COMP. STRENGTH OF CEMENT MORTAR CUBE (ANY SIZE) (For 3 Nos.)	Sample	348	418
5.09	TRANSVERSE STRENGTH OF ANY MORTAR	No.	419	503
5.10	TENSILE STRENGTH OF ANY MORTAR	No.	395	474
5.11	BOND STRENGTH OF ANY MORTAR	No.	395	474
5.12	DETERMINATION OF BEST PROPORTION OF CEMENT MORTAR	No.	12269	14723
5.13	FLEXURAL STRENGTH OF CONCRETE BEAM	No.	650	780
5.14	HEAT OF HYDRATION BY CALORIMETER	No.	Deleted	
5.15	DRYING SHRINKAGE	No.	Deleted	
6	CONCRETE			
6.01	CONCRETE MIX DESIGN WITH CUBES ONLY	No.	40008	48010
6.01.A	CONCRETE MIX DESIGN WITH FLEXURAL STRENGTH TEST	No.	70815	84978
6.01.B	CONCRETE MIX DESIGN OF PRESTRESSED	No.	54514	65417
6.01.C	MASS CONCRETE MIX DESIGN	No.	60787	72944
6.02	CASTING AND PREPARING CUBES (6 NO.) OF 15 CMS. SIZE OF GIVEN CONCRETE MIX	Sample	4835	5802
6.03	PERMEABILITY OF CEMENT CONCRETE CYLINDER OF 15 X 15 CMS SIZE	Sample	10425	12510
6.04	CASTING & TESTING OF 15 CMS X 15 CMS X 70 CMS SIZE BEAM OF GIVEN CONCRETE MIX	No.	7702	9242
6.05	CONCRETE REBOUND HAMMER TEST	Reading	193	232
6.06	SUITABILITY OF WATER FOR MAKING CONCRETE	No.	13474	16169
6.07	ADDITIONAL CEMENT TESTING FOR MIX DESIGN	No.	3788	4546
6.08	PERMEABILITY OF CEMENT MORTAR OF SIZE 10 X 5 CMS	No.	4267	5120
6.09	TESTING OF CONCRETE BY ULTRA SONIC CONCRETE TESTER	Reading	147	176

SR NO	NAME OF TEST	UNIT	S.O.R. 2018-19	
			GOVT. RATE	PRIVATE RATE
			Rs.	Rs.
7	FOUNDATION CORE			
7.01	DRILLING OF CONCRETE RUBBLE OF CONCRETE SPECIMEN AND TESTING SAME FOR COMP.STRE.	No.	3317	3980
7.02	CUTTING & POLISHING OF CORE	No.	500	600
7.03	COMPRESSIVE STRENGTH OF FOUNDATION CORE	No.	457	548
7.04	SPECIFIC GRAVITY AND WATER ABSORPTION	No.	691	829
7.05	DENSITY (DRY & WET)	No.	779	935
8	LIME			
8.01	CONSISTENCY	No.	1590	1908
8.02	FINENESS TEST	No.	636	763
8.03	INITIAL & FINAL SETTING TIME	No.	750	900
8.04	SOUNDNESS	No.	653	784
8.05	COMPRESSIVE STRENGTH	No.	1019	1223
8.06	TRANSVERSE STRENGTH	No.	Deleted	
8.07	DETERMINATION OF BEST PROPORTION OF LIME/SURKHI/SAND/MORTAR	No.	21609	25931
8.08	DETERMINATION OF BEST PROPORTION OF LIME/SURKHI/SAND/MORTAR WITH SURKHI.	No.	28823	34588
8.09	CALCINATION OF LIME STONE	No.	3011	3613
8.10	SLACKING OF QUICK LIME TO PRODUCE LIME	No.	1951	2341
9	POZZOLANA MATERIAL			
9.01	FINENESS BY SIEVING	No.	354	425
9.02	FINENESS BY BLAIN'S AIR PERMEABILITY	No.	1399	1679
9.03	LIME REACTIVITY	No.	1870	2244
9.04	COMPRESSIVE STRENGTH	No.	2038	2446
9.05	DETERMINATION OF BEST PROPORTION OF CEMENT SURKHI/SAND/MORTAR	No.	23503	28204
9.06	DETERMINATION OF PERMEABILITY OF CEMENT/POZZOLONA/GRAVEL/ MORTAR	No.	7238	8686
9.09	SPECIFIC GRAVITY OF POZZOLONA	No.	1013	1216
10	STEEL			
10.01	TENSILE STRENGTH INCLUDING YIELD STRESS/ ELONGATION	No.	1082	1298
10.02	BEND TEST FOR M S & TMT STEEL	No.	790	948

SR NO	NAME OF TEST	UNIT	S.O.R. 2018-19	
			GOVT. RATE	PRIVATE RATE
			Rs.	Rs.
11	TILES			
11.01	WATER ABSORPTION (FOR 6 NOS.)	Sample	1431	1717
11.02	TRANSVERSE STRENGTH (FOR 6 NOS.)	Sample	1297	1556
11.03	ABRASION TEST (FOR 6 NOS.)	Sample	3471	4165
11.04	DIMENSION & TOLERANCE (FOR 6 NOS.)	Sample	549	659
11.05	FLEXURAL STRENGTH OF CANAL LINING BLOCK/TILES (FOR 6 NOS.)	Sample	384	461
11.06	FLATNESS OF THE TILES SURFACE (FOR 6 NOS.)	Sample	252	302
11.07	DETERMINATION OF PERPENDICULARITY (FOR 6 NOS.)	Sample	289	347
11.08	DETERMINATION OF STRAIGHTNESS OF CEMENT CONCRETE FLOORING TILES (FOR 6 NOS.)	Sample	298	358
12	FLUSH DOOR AND TIMBER (WOOD)			
12.01	END IMMERSION	No.	1343	1612
12.02	ADHESION TEST	No.	1579	1895
12.03	MOISTURE CONTENT (WOOD)	No.	2668	3202
12.04	ADHESION TEST (DRY & WET OF PLY WOOD)	No.	2409	2891
12.05	SPECIFIC GRAVITY OF TIMBER (WOOD)	No.	1903	2284
12.06	NAIL OR SCREW PULLING TEST	No.	Deleted	
12.07	DENSITY OF WOOD	No.	648	778
12.08	ANATOMY OF WOOD	No.	2230	2676
13	HOLLOW BLOCKS			
13.01	WATER ABSORPTION <i>PER SAMPLE</i>	No.	3490	4188
13.02	COMPRESSIVE STRENGTH <i>11</i>	No.	4766	5719
13.03	BREAKING STRENGTH <i>11</i>	No.	653	784
14	LOW DENSITY POLYTHENE FILM			
14.01	TENSILE TEST INCLUDING ELONGATION	No.	1161	1393
14.02	IMPACT TEST FOR L.D.P.E.	No.	744	893
14.03	MEASURING THICKNESS OF L.D.P.E.	No.	558	670

SR NO	NAME OF TEST	UNIT	S.O.R. 2018-19	
			GOVT. RATE	PRIVATE RATE
			Rs.	Rs.
15	ADMIXTURE			
15.01	PERCENTAGE OF AIR CONTENT OF ADMIXTURE	No.	901	1081
15.02	COMPRESSIVE STRENGTH OF ADMIXTURE	No.	9670	11604
15.02A	15+A182:A186	No.	4835	5802
15.03	TESTING OF WATER PROOFING COMPOUND	No.	16110	19332
15.05	FOR EVERY ADDITIONAL % OF DOSAGE OF TRIAL OF WATER PROOFING COMPOUND	No.	8055	9666
16	TESTING OF MEMBRANE CURING COMPOUND			
16.01	WATER RETENTION TEST	No.	6014	7217
16.02	REFLECTANCE TEST	No.	1301	1561
17	TESTING OF EPOXY MORTAR			
17.01	FLEXURAL STRENGTH TEST <i>PER SAMPLE</i>	No.	2858	3430
17.02	COMPRESSIVE STRENGTH TEST <i>"</i>	No.	1937	2393
17.03	TENSILE STRENGTH TEST <i>"</i>	No.	2393	2872
18	TESTING OF PAVER BLOCK			
18.01	COMPRESSIVE STRENGTH OF PAVER BLOCK	Sample	1618	1942
18.02	WATER ABSORPTION OF PAVER BLOCK	Sample	1249	1499
19	CHEMISTRY UNIT			
19.1	COMPLETE CHEMICAL ANALYSIS OF ENGR. MATERIAL LIKE CEMENT/ LIME/LIME STONE POZZOLONA	No.	5454	6545
19.2	PART ANALYSIS OF ENGINEERING MATERIAL			
19.2.1	PERCENTAGE LOSS ON IGNITION (PART ANALY. OF 18.01)	No.	545	654
19.2.2	% SILICA(PART ANALYSIS OF 18.01)	No.	2182	2618
19.2.3	% Fe ₂ O ₃ (Ferric Oxide)(PART ANALYSIS OF 18.01)	No.	3273	3928
19.2.4	% Al ₂ O ₃ (Alluminium Oxide) (PART ANALYSIS OF 18.01)	No.	3273	3928
19.2.5	% SO ₃ (SULPHATE)(PART ANALYSIS OF 18.01)	No.	3273	3928
19.2.6	% CaO (CALCIUM OXIDE) (PART ANALYSIS OF 18.01)	No.	3818	4582
19.2.7	% MgO (MAGNESIUM OXIDE)(PART ANALYSIS OF 18.01)	No.	4909	5891

SR NO	NAME OF TEST	UNIT	S.O.R. 2018-19	
			GOVT. RATE	PRIVATE RATE
			Rs.	Rs.
19.3	COMPLETE CHEMICAL ANALYSIS OF WATER	No.	2854	3425
19.4	PART ANALYSIS OF WATER			
19.4.1	SULPHATE(PART ANALYSIS OF WATER)	No.	1427	1712
19.4.2	CONDUCTIVITY(PART ANALYSIS OF WATER)	No.	502	602
19.4.3	TOTAL SOLUBLE SALT (PART ANALYSIS OF WATER)	No.	999	1199
19.4.4	pH VALUE(PART ANALYSIS OF WATER)	No.	502	602
19.4.5	CARBONATE & BICARBONATE(PART ANALYSIS OF WATER)	No.	714	857
19.4.6	CHLORIDE(PART ANALYSIS OF WATER)	No.	714	857
19.4.7	SODIUM & POTASSIUM(PART ANALYSIS OF WATER)	No.	714	857
19.4.8	TURBIDITY(PART ANALYSIS OF WATER)	No.	502	602
19.4.9	SILT CONTENT(PART ANALYSIS OF WATER)	No.	502	602
19.4.10	CALCIUM(PART ANALYSIS OF WATER)	No.	714	857
19.4.11	MAGNESIUM (PART ANALYSIS OF WATER)	No.	714	857
19.5	COMPLETE CHEMICAL ANALYSIS OF SOIL EXTRACT	No.	3134	3761
19.6	PREPARATION CHARGES FOR SOIL EXTRACT	No.	264	317
19.7	ORGANIC IMPURITY TEST OF SAND (IS 2386 PART II 1963)	No.	624	749
19.8	ORGANIC MATTER OF SOIL	No.	1704	2045
19.9	ACID RESISTANCE OF MORTOR AS PER IS:4456-PART-I			
19.9.1	MIX OF READY MADE SAMPLE	No.	1848	2218
19.9.2	FOR PREPARING MOULD	No.	176	211
19.10	ACID RESISTANCE TEST FOR BRICKS AND TILES	No.	2628	3154
19.11	ALKALI REACTIVITY TEST OF FINE AGGREGATE	No.	5051	6061
19.12	ALKALI RECTIVITY TEST OF COARSE AGGREGATE	No.	5987	7184
19.13	%CaCO ₃ BY TITRATION AND QUALITY CHECKING OF H ₂ O ₂	No.	774	929
19.14	DETERMINATION OF LIME CONTENT IN SOIL	No.	2155	2586

SR NO	NAME OF TEST	UNIT	S.O.R. 2018-19	
			GOVT. RATE	PRIVATE RATE
			Rs.	Rs.
19.15	DETERMINATION OF AVAILABLE CaO FROM BURNT LIME	No.	1124	1349
19.16	BASE EXCHANGE CAPACITY OF SOIL	No.	2648	3178
19.17	72 HOURS WATER ABSORPTION FOR FRP/PVC MATERIAL	No.	2540	3048
19.18	DETERMINATION OF CEMENT IN HARDENED CEMENT CONCRETE	No.	35333	42400
19.19	DETERMINATION OF CEMENT IN HARDENED CEMENT MORTAR	No.	19061	22873
19.20	% CARBON IN COAL/COALASH/FLYASH	No.	741	889
19.21	TESTING OF ALKALIES IN CEMENT	No.	1022	1226
19.22	DETERMINATION OF FREE LIME CONTENT IN CEMENT SAMPLE	No.	1901	2281
19.23	CHEMICAL TESTING OF G.I.PIPE	No.	1912	2294
19.24	DETECTION OF SULPHUR & HALOGEN IN ORGANIC COMPOUND	No.	857	1028
19.25	EFFECT OF SODIUM CHLORIDE & CALCIUM SULPHATE ON JUTE ASPHALT	No.	435	522
19.26	TEST OF WATER			
19.26.1	FLUORIDE	No.	1027	1232
19.26.2	SULPHATE	No.	702	842
19.26.3	PHOSPHATE	No.	681	817
19.26.4	NITRATE	No.	703	844
19.26.5	DISSOLVED OXYGEN	No.	573	688
19.26.6	BICHEMICAL OXYGEN DEMAND	No.	1463	1756
19.26.7	CHEMICAL OXYGEN DEMAND	No.	1116	1339
19.26.8	OIL & GREASE	No.	624	749
19.26.9	PHENOLIC COMPOUND	No.	751	901
19.26.10	COLIFORM	No.	1539	1847
19.26.11	PESTICIDES	No.	4808	5770
19.26.12	CHROMIUM	No.	972	1166
19.26.13	MANGANESE	No.	972	1166
19.26.14	IRON	No.	972	1166
19.26.15	COPPER	No.	972	1166

SR NO	NAME OF TEST	UNIT	S.O.R. 2018-19	
			GOVT. RATE	PRIVATE RATE
			Rs.	Rs.
19.26.16	ZINC	No.	972	1166
19.26.17	CADMIUM	No.	972	1166
19.26.18	LEAD	No.	972	1166
19.26.19	MERCURY	No.	972	1166
19.26.20	ARSENIC	No.	972	1166
19.26.21	SELENIUM	No.	972	1166
19.26.22	ODOUR	No.	136	163
19.26.23	TOTAL SUSPENDED SOLID	No.	526	631
19.26.24	COLOUR	No.	370	444
19.27	TESTING OF UPVC PIPE			
19.27.1	DETERMINATION OF DENSITY OF UPVC PIPE	No.	396	475
19.27.2	SULPHATED ASH CONTENT OF UPVC PIPE	No.	615	738
19.27.3	DIMENSION & VISUAL APPEARANCE	No.	472	566
19.27.4	RESISTANCE TO EXTERNAL BLOW	No.	1107	1328
19.27.5	RESISTANCE TO INTERNAL HYDROSTATIC PRESSURE	No.	2346	2815
19.27.6	OPACITY TEST	No.	433	520
19.27.7	REVERSION TEST	No.	438	526
19.27.8	VICAT SOFTENING TEMPERATURE	No.	966	1159
19.28	TESTING OF PAINTS			
19.28.1	DRYING TIME	Sample	611	733
19.28.2	FINISH TEST	Sample	611	733
19.28.3	RESISTANT TO HEAT	Sample	643	772
19.28.4	SPREADING CAPACITY	Sample	896	1075
19.28.5	COLOUR TEST	Sample	513	616
19.28.6	WEIGHT PER TEN LITERS	Sample	590	708
19.28.7	CONSISTENCY	Sample	575	690
19.28.8	SCRATCH HARDNESS TEST	Sample	664	797
19.28.9	STRIPPING TEST	Sample	664	797

12

SR NO	NAME OF TEST	UNIT	S.O.R. 2018-19	
			GOVT. RATE	PRIVATE RATE
			Rs.	Rs.
GM	GEOMECHANICS			
1	SPECIFIC GRAVITY	No.	1213	1456
2	MARSH CONE	No.	966	1159
3	GEL TIME TEST	No.	958	1150
4	BLEEDING PERCENTAGE TEST	No.	896	1075
5	NEEDLE PENETRATION RESISTANT TEST	No.	850	1020
6	PENETRABILITY TEST	No.	3447	4136
7	WASH OUT TEST	No.	3447	4136
8	TURBIDITY TEST	No.	1302	1562
9	TRIAxIAL TEST	No.	31506	37807
10	UNIAXIAL COMPRESSIVE STRENGTH	No.	1240	1488
11	ROCK PERMEABILITY TEST	No.	4355	5226
12	WATER ABSORPTION	No.	904	1085
13	TRUE SPECIFIC GRAVITY	No.	884	1061
14	ROCK CORE CUTTING	No.	1180	1416
15	ROCK CORE DRILLING	No.	3993	4792
16	ROCK CORE POLISHING	No.	2022	2426
17	BRAZILIAN TEST	No.	1029	1235
18	SINGLE/DOUBLE SHEAR	No.	1058	1270
19	POINT LOAD TEST	No.	993	1192
20	INSITU SHEAR TEST	No.	172003	206404
21	INSITU LOAD TEST	No.	80750	96900
22	GROUT MIX DESIGN (EXCL. CONV. CHARGES)	No.	805189	966227
23	CONSULTANCY (EXCL. CONV. CHARGES)	No.	34148	40978
24	CLAY SEPARATION BY HYDRO CYCLON	No.	13561	16273
25	VISCOSITY BY BROOK FIELD VISCOMETER	No.	12993	15592
26	FLOW VALUE TEST	No.	957	1148
27	SLAKE DURABILITY TEST	No.	2231	2677
28	PRESSURE GUAGE CALIBRATION	No.	2901	3481
29	INSITU UNAXIAL JACKING TEST	No.	80391	
30	INSITU ANCHOR PULLOUT TEST	No.	10910	13092
31	INSITU PASSIVE RESISTANT TEST	No.	58011	69613
32	DETERMINATION OF DENSITY AND POROSITY	No.	1088	1306
33	DETERMINATION OF WATER CONTENT OF ROCK SPECIMEN	No.	868	1042

SR NO	NAME OF TEST	UNIT	S.O.R. 2018-19	
			GOVT. RATE	PRIVATE RATE
			Rs.	Rs.
EG	PETROLOGICAL TESING			
1	MICROSCOPIC EXAMINATION OF ROCKS	No.	2149	2579
2	MEGASCOPIE EXAMINATION OF ROCKS	No.	338	406
3	PETROGRAPHIC ANALYSIS OF NATURAL AGGREGATES FOR FRACTION SIZE IN SIEVE FRACTION			
	COARSE FRACTION			
	(a) 80 MM	No.	1137	1364
	(b) 40 MM	No.	1137	1364
	(c) 20MM	No.	1137	1364
	(d) 10 MM	No.	1137	1364
4	FINER FRACTION			
	(e) 4.75 MM	No.	1849	2219
	(f) 2.36 MM	No.	1849	2219
	(g) 1.18 MM	No.	3164	3797
	(h) 600 MICRONS	No.	3164	3797
	(i) 300 MICRONS	No.	4469	5363
5	POLISHING OF ROCK SAMPLE 1 CM X 1 CM	No.	9.00	11
6	THIN SECTION MICROSCOPIC EXAMINATION OF FINE SAND 600 MICRONS & 300 MICRONS	No.	2167	2600
7	PREPARATION OF THIN SECTION ONLY	No.	1012	1214
8	VERTICAL ELECTRICAL SOUNDINGS/ GEO-ELECTRICAL RESISTIVITY PROFILING	Day	19918	23902

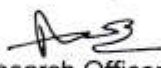

SANCTIONED FOR THE YEAR 2018 -2019

RESEARCH OFFICER SOIL MECHNICS DIVISION,GERI,VADODARA	
RESEARCH OFFICER MATERIAL TESTING DIVISION, GERI,VADODARA	
RESEARCH OFFICER GEOMECHANICS DIVISION,GERI,VADODARA	
GEOLOGIST(SR) E.G.DIVISION,GERI,VADODARA	

COUNTERSIGNED FOR THE YEAR 2018-19


JOINT DIRECTOR(IRR) GERI, VADODARA	
---------------------------------------	--

SCHEDULE OF RATES 2018-19				
SR.	NAME OF TEST	UNIT	SOR FOR THE YEAR 2018-19	
			GOVT. Rs	PRIVATE. Rs
1	2	3	4	5
HIGHWAY TESTING LABORATORY, G.E.R.I. VADODARA.				
A	SOIL TEST			
1	Sieve Analysis (As per SM test No.2)	No	920	1104
2	Atterburg's Limit (As per SM test No.4)	No	1463	1756
3	Light/Standard compaction (As per SM test No.8)	No	1757	2108
4	Heavy/Modified compaction (As per SM test No.9)	No	2082	2498
5	Remoulded CBR	No	2047	2456
6	Remoulded CBR (For heavy compaction)	No	3497	4196
7	Pavement Crust Design	No	2431	2917
7-A	Pavement Crust Design for traffic between 2 & 30 msa. (as per IS 37:2001)	No	572	686
8	Maximum/Minimum Density (As per SM test No.10)	No	2164	2597
9	FDD/FMC (As per SM test No.7)	No	986	1183
10	Wet mix macadam design	No	26594	31913
B	AGGREGATE TEST			
11	Gradation (As per MT test No.1.1)	No	831	997
12	Flakiness (As per MT test No.1.8)	No	757	908
13	Elongation (As per MT test No.1.9)	No	757	908
14	Impact (As per MT test No.1.2)	No	603	724
15	Soundness (As per MT test No.1.3)	No	2585	3102
16	Specific Gravity and water absorption (As per MT test No.1.7)	No	1311	1573
17	Stripping	No	2379	2855
C	BITUMEN TEST			
18	Penetration	No	1599	1919
19	Softening point	No	1941	2329
20	Ductility	No	1508	1810
21	Specific gravity of bitumen	No	440	528

D BITUMENIOUS MIX TEST				
22	Binder content	No	4252	5103
23	Stability & flow test	1 set(3 no.)	1972	2366
24	Compacted density of mix	1 set(3 no.)	593	712
SR.	NAME OF TEST	UNIT	SOR FOR THE YEAR 2018-19	
			GOVT. Rs	PRIVATE. Rs
E TRAFFIC ENGINEERING CELL				
25	Roughness test (with B. I)	Km/lane/trip	453	544
26	Roughness test (without B. I)	Km/lane/trip	382	458
27	Reflectivity test of retroreflecting sheeting	No	3309	3971
<p>Sanctioned for the year 2018-19</p> <p> Research Officer, Road Research Division No. 4 G.E.R.I.Vadodara.</p> <p>Counter sign for year 2018-19</p> <p> Joint Director(Roads) G.E.R.I.Vadodara.</p>				

SR.	NAME OF TEST	UNIT	SOR FOR THE YEAR 2018-19	
			GOVT. Rs	PRIVATE. Rs
F	FLEXIBLE PAVEMENT UNIT			
28	Loss on heating	No	1776	2131
29	Benkleman beam	No	3756	4507
30	Asphaltic mix design (For one set)	No	73200	87840
31	Asphaltic mix design with modified Marshal apparatus (For one set)	No	73966	88759
G	EMULSION TEST			
32	Residue on 600 micron IS seive	No	1565	1878
33	Viscosity by saybolt Apparatus	No	2401	2881
34	Particle charge	No	1397	1676
35	Miscibility with water	No	1163	1396
36	Residue test by Evaporation	No	2644	3173
37	Solubility in trychloroethylene	No	948	1138
38	Storage stability	No	2154	2585
39	Stability to mixing with cement	No	986	1183
H	VISCOSITY GRADE BITUMEN TEST			
40	Absolute Viscosity	No	1274	1529
41	Kinematic Viscosity	No	1247	1496
42	Solubility in trychloroethylene	No	948	1138
43	Penetration.	No	1599	1919
44	Softening Point	No	1941	2329
45	Residue Test	No	462	554
46	Test on Residue		0	
	(A) Ductility	No	1508	1810
	(B) Absolute Viscosity from residue	No	1274	1529

Sanctioned for the
year 2018-19


Research Officer,
Road Research Division No. 1
G.E.R.I.Vadodara.

Counter sign for
year 2018-19


Joint Director (Roads)
G.E.R.I.Vadodara.