

**GUJARAT ENGINEERING RESEARCH INSTITUTE(GERI)
SCHEDULE OF RATES FOR THE YEAR 2017-18**

SR NO	NAME OF TEST	UNIT	S.O.R. 2017-18	
			GOVT. RATE	PRIVATE RATE
			Rs.	Rs.
SM	SOIL MECHANICS			
1	HYDROMETER ANALYSIS	No.	1382	1658
2	SIEVE ANALYSIS	No.	815	978
3	SILT ANALYSIS	No.	DELETED	
4	ATTERBERG LIMIT	No.	1300	1560
5	SPECIFIC GRAVITY	No.	1015	1218
6	SHRINKAGE LIMIT	No.	1078	1294
7	FIELD DRY DENSITY & MOISTURE CONTENT (LABORATORY)	No.	901	1081
8	LIGHT COMPACTION (PROCTOR)	No.	1583	1900
9	HEAVY COMPACTION (MODIFIED PROCTOR)	No.	1888	2266
10	MIN. & MAX. DENSITY (RD)	No.	1835	2202
11	SWELL PRESSURE	No.	2195	2634
12	FREE SWELL	No.	850	1020
13	UNCONFINED COMPRESSION	No.	652	782
14	LABORATORY VANE SHEAR	No.	1138	1366
15	PERMEABILITY (SMALL SIZE)	No.	785	942
16	BOX SHEAR (SMALL SIZE)	No.	1379	1655
17	CONSOLIDATION (SMALL SIZE)	No.	5301	6361
18	CONSOLIDATION (LARGE SIZE)	No.	DELETED	
19	UNCONSO UNDRAINED TRIAXIAL SHEAR(3 CAKE)SMALL SIZE	No.	4738	5686
20	CONSOLIDATED UNDRAINED TRIAXIAL(3CAKES) SMALL SIZE	No.	15706	18847
21	COLLECTION OF U/D SAMPLES (TUBE SAMPLE)	No.	1275	1530
22	STANDARD PENETRATION TEST	No.	950	1140
23	NATURAL MOISTURE CONTENT	No.	463	556
24	COLLECTION OF U/D SAMPLE BY CORE CUTTER (INCH FDD & FMC)	No.	1188	1426
25	INSITU DRY DENSITY (100MM.DIA.)BY SAND REPLACEMENT	No.	958	1150
26	INSITU DRY DENSITY BY WATER REPLACEMENT (30CM.RING INCL.NMC)	No.	948	1138
27	HAND AUG.IN SOIL EXCLUD.GRAVELLY SOIL & HARD MURRUM (1 MT DPT)	1 mt.	1722	2066
28	HAND AUGERING USING CASING	1 mt.	DELETED	

SR NO	NAME OF TEST	UNIT	S.O.R. 2017-18	
			GOVT. RATE	PRIVATE RATE
			Rs.	Rs.
29	MACHINE DRILLING MOUNTED ON TRUCK (1 MT. DEPTH)	1 mt.	DELETED	
30	FIELD PERMEABILITY TEST IN CASED BORE HOLE	No.	3739	4487
31	FIELD PERMEABILITY BY STD. POOL METHOD (INCL.NMC)	No.	DELETED	
32	FIELD VANE SHEAR (BORER TYPE)	No.	2996	3595
33	FIELD VANE SHEAR (INCL. NMC)	No.	1387	1664
34	PLATE LOAD TEST ON SOIL	No.	35256	42307
35	CYCLIC PLATE LOAD TEST ON SOIL	No.	41476	49771
36	LOAD TEST ON PILES (ANCHORING OF ROADS DONE BY PARTY)	No.	13822	16586
37	DYNAMIC CONE PENETRATION (NON RETURN)	0.30mt	1110	1332
38	DYNAMIC CONE PENETRATION (RETURN)	0.30mt	DELETED	
39	STATIC CONE PENETRATION TEST	No.	2211	2653
40	FOOTING LOAD TEST	No.	45383	54460
41	CYCLIC TRIAXIAL TESTING	No.	DELETED	
42	MEDIUM SIZE BOX SHEAR	No.	3943	4732
43	LARGE SIZE BOX SHEAR	No.	DELETED	
44	PIN HOLE	No.	2472	2966
45	MEASURING DEVICES VERIFICATION		DELETED	
45.1	TESTING OF PRESSURE GAUGE	No.	1391	1669
45.2	TESTING OF PROVING RING	No.	1415	1698
45.3	TESTING OF DIAL GAUGE	No.	1235	1482
	GEOSYNTHETIC UNIT			
46	MASS PER UNIT AREA (GEOTEXTILE / GEOGRID)	No.	378	454
47	THICKNESS MEASUREMENT(GEOTEXTILE)	No.	404	485
48	WIDE WIDTH TENSILE STRENGTH (GEOTEXTILE GEOGRIT)	No.	1684	2021
49	GRAB TENSILE STRENGTH (GEOTEXTILE)	No.	955	1146
50	TRAPOZODIAL TEAR STRENGTH (GEOTEXTILE)	No.	955	1146
51	PUNCTURE RESISTANCE TEST (GEOTEXTILE)	No.	1072	1286
52	CBR TEST (GEOTEXTILE)	No.	1053	1264

SR NO	NAME OF TEST	UNIT	S.O.R. 2017-18	
			GOVT. RATE	PRIVATE RATE
			Rs.	Rs.
MT	MATERIAL TESTING			
1	COARSE AGGREGATE			
1.01	GRADING OR MECHANICAL ANALYSIS	No.	755	906
1.02	IMPACT VALUE	No.	530	636
1.03	SOUNDNESS (5 CYCLE)	No.	2438	2926
1.04	LOS ANGEL'S ABRASION	No.	1353	1624
1.05	ALKALI REACTIVITY	No.	5253	6304
1.06	CRUSHING VALUE	No.	1236	1483
1.07	SPECIFIC GRAVITY AND WATER ABSORPTION	No.	1198	1438
1.08	FLAKINESS INDEX	No.	673	808
1.09	ELONGATION INDEX	No.	673	808
1.1	BULK DENSITY	No.	340	408
2	FINE AGGREGATE			
2.01	BULK DENSITY	No.	340	408
2.02	SOUNDNESS (5 CYCLE)	No.	2212	2654
2.03	ALKALI REACTIVITY	No.	4497	5396
2.04	SILT CONTENT	No.	304	365
2.05	SPECIFIC GRAVITY AND WATER ABSORPTION	No.	1198	1438
2.06	FINENESS MODULUS	No.	524	629
3	BRICKS			
3.01	COMPRESSIVE STRENGTH (5 No. of bricks)	Sample	1498	1798
3.02	WATER ABSORPTION (5 No. of bricks)	Sample	1177	1412
3.03	EFFLORESCENCE TEST (5 No. of bricks)	Sample	1022	1226
3.04	DIMENSION & TOLERANCE (20 No. of bricks)	Sample	412	494
3.05	SUITABILITY OF SOIL FOR MANUFACTURING BRICKS,BURNING AT 3 TEMPERATURE		DELETED	
3.06	FOR ADDITIONAL TEMPERATURE		DELETED	
3.07	COMPRESSIVE STRENGTH (ACID RESISTENCE BRICKS) -(5 No. of bricks)	Sample	1919	2303
3.08	WATER ABSORPTION (ACID RESISTENCE BRICKS) - (5 No. of bricks)	Sample	1086	1303
3.09	FLEXURAL STRENGTH (ACID RESISTENCE BRICKS) - (5 No. of bricks)	Sample	1144	1373

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			GOVT. RATE	PRIVATE RATE
			Rs.	Rs.
4	BUILDING STONE			
4.01	PREPARATION OF ONE TEST SAMPLE FROM RUBBLE BY CUTTING (For 6 Nos).	Sample	2265	2718
4.02	COMPRESSIVE STRENGTH OF PREPARED TEST SPECIMEN	No.	194	233
4.03	SHEAR STRENGTH OF PREPARED TEST SPECIMEN (For 6 Nos).		DELETED	
4.04	TRANSVERSE STRENGTH OF PREPARED TEST SPECIMEN		DELETED	
4.05	WEATHERING TEST	Sample	8382	10058
4.06	DURABILITY TEST	No.	7980	9576
4.07	SPECIFIC GRAVITY (APPARENT) AND WATER ABSORPTION	No.	1255	1506
4.08	SPECIFIC GRAVITY (TRUE)	No.	1183	1420
5	CEMENT			
5.01	CONSISTENCY TEST	No.	623	748
5.02	INITIAL & FINAL SETTING TIMES	No.	998	1198
5.03	SOUNDNESS TEST			
5.03.1	SOUNDNESS TEST (BY LE-CHATELIER)	No.	358	430
5.03.2	SOUNDNESS TEST (BY AUTOCLAVE)		DELETED	
5.04	COMPRESSIVE STRENGTH	No.	1701	2041
5.05	FINENESS BY SIEVING	No.	304	365
5.06	FINENESS BY BLAINE AIR PERMEABILITY	No.	1401	1681
5.07	COMP. STRENGTH OF C C CUBE OR CYLINDER (For 3 Nos. of cube = 1 sample)	Sample	377	452
5.08	COMP. STRENGTH OF CEMENT MORTAR CUBE (ANY SIZE) (For 3 Nos.)	Sample	327	392
5.09	TRANSVERSE STRENGTH OF ANY MORTAR	No.	366	439
5.10	TENSILE STRENGTH OF ANY MORTAR	No.	342	410
5.11	BOND STRENGTH OF ANY MORTAR	No.	342	410
5.12	DETERMINATION OF BEST PROPORTION OF CEMENT MORTAR	No.	10955	13146
5.13	FLEXURAL STRENGTH OF CONCRETE BEAM	No.	552	662
5.14	HEAT OF HYDRATION BY CALORIMETER	No.	DELETED	
5.15	DRYING SHRINKAGE	No.	DELETED	
6	CONCRETE			
6.01	CONCRETE MIX DESIGN WITH CUBES	No.	36219	43463

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			GOVT. RATE	PRIVATE RATE
			Rs.	Rs.
6.02	CONCRETE MIX DESIGN WITH FLEXURAL STRENGTH TEST	No.	62770	75324
6.03	CONCRETE MIX DESIGN OF PRESTRESSED	No.	49401	59281
6.04	MASS CONCRETE MIX DESIGN	No.	54834	65801
6.05	CASTING AND PREPARING CUBES (6 NO.) OF 15 CMS. SIZE OF GIVEN CONCRETE MIX	Sample	4394	5273
6.06	PERMEABILITY OF CEMENT CONCRETE CYLINDER OF 15 X 15 CMS SIZE	Sample	9834	11801
6.07	CASTING & TESTING OF 15 CMS X 15 CMS X 70 CMS SIZE BEAM OF GIVEN CONCRETE MIX	No.	6638	7966
6.08	CONCRETE REBOUND HAMMER TEST	Reading	182	218
6.09	SUITABILITY OF WATER FOR MAKING CONCRETE	No.	12030	14436
6.10	ADDITIONAL CEMENT TESTING FOR MIX DESIGN	No.	3322	3986
6.11	PERMEABILITY OF CEMENT MORTAR OF SIZE 10 X 5 CMS	No.	3803	4564
6.12	TESTING OF CONCRETE BY ULTRA SONIC CONCRETE TESTER	Reading	138	166
7	FOUNDATION CORE			
7.01	DRILLING OF CONCRETE RUBBLE OF CONCRETE SPECIMEN AND TESTING SAME FOR COMP. STRENGTH	No.	2816	3379
7.02	CUTTING & POLISHING OF CORE	No.	412	494
7.03	COMPRESSIVE STRENGTH OF FOUNDATION CORE	No.	418	502
7.04	SPECIFIC GRAVITY AND WATER ABSORPTION	No.	667	800
7.05	DENSITY (DRY & WET)	No.	735	882
8	LIME			
8.01	CONSISTENCY	No.	1517	1820
8.02	FINENESS TEST	No.	564	677
8.03	INITIAL & FINAL SETTING TIME	No.	707	848
8.04	SOUNDNESS	No.	607	728
8.05	COMPRESSIVE STRENGTH	No.	935	1122
8.06	TRANSVERSE STRENGTH	No.	DELETED	
8.07	DETERMINATION OF BEST PROPORTION OF LIME/SURKHI/SAND/MORTAR	No.	19987	23984

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			GOVT. RATE	PRIVATE RATE
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8.08	DETERMINATION OF BEST PROPORTION OF LIME/SURKHI/SAND/MORTAR WITH SURKHI.	No.	26616	31939
8.09	CALCINATION OF LIME STONE	No.	2843	3412
8.10	SLAKING OF QUICK LIME TO PRODUCE LIME	No.	1831	2197
9	POZZOLANA MATERIAL			
9.01	FINESS BY SIEVING	No.	314	377
9.02	FINESS BY BLAINE AIR PERMEABILITY	No.	1360	1632
9.03	LIME REACTIVITY	No.	1756	2107
9.04	COMPRESSIVE STRENGTH	No.	1904	2285
9.05	SUITABILITY OF SOIL FOR SURKHI FOR THREE TEMP		DELETED	
9.06	FOR EVERY ADDIUTINAL TEMPRATURE		DELETED	
9.07	DETERMINATION OF BEST PROPORTION OF CEMENT SURKHI/SAND/MORTAR	No.	21132	25358
9.08	DETERMINATION OF PERMEABILITY OFCEMENT/ POZZOLONA/ GRAVEL/ MORTAR	No.	6110	7332
9.09	SPECIFIC GRAVITY OF POZZOLONA	No.	934	1121
10	STEEL			
10.01	TENSILE STRENGTH INCLUDING YIELD STRESS/ELONGATION	No.	1025	1230
10.02	BEND TEST FOR M S & TMT STEEL	No.	737	884
11	TILES			
11.01	WATER ABSORPTION (FOR 6 NOS.)	Sample	1324	1589
11.02	TRANSVERSE STRENGTH (FOR 6 NOS.)	Sample	1215	1458
11.03	ABRASION TEST (FOR 6 NOS.)	Sample	3183	3820
11.04	DIMENSION & TOLERANCE (FOR 6 NOS.)	Sample	506	607
11.05	FLEXURAL STRENGTH OF CANAL LINING BLOCK/TILES (FOR 6 NOS.)	Sample	355	426
11.06	FLATNESS OF THE TILES SURFACE (FOR 6 NOS.)	Sample	224	269
11.07	DETERMINATION OF PERPENDICULARITY (FOR 6 NOS.)	Sample	261	313
11.08	DETERMINATION OF STRAIGHTNESS OF CEMENT CONCRETE FLOORING TILES (FOR 6 NOS.)	Sample	269	323

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			GOVT. RATE	PRIVATE RATE
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12	FLUSH DOOR AND TIMBER (WOOD)			
12.01	END IMMERSION	No.	1193	1432
12.02	ADHESION TEST	No.	1443	1732
12.03	MOISTURE CONTEST (WOOD)	No.	2426	2911
12.04	ADHESION TEST (DRY & WET OF PLY WOOD)	No.	2234	2681
12.05	SPECIFIC GRAVITY OF TIMBER (WOOD)	No.	1833	2200
12.06	NAIL OR SCREW PULLING TEST	No.	DELETED	
12.07	DENSITY OF WOOD	No.	606	727
12.08	ANATOMY OF WOOD	No.	2135	2562
12.09	STATIC BENDING TEST		DELETED	
12.10	IMPACT BENDING TEST		DELETED	
12.11	COMPRESSION PARALLEL TO GRAIN		DELETED	
12.12	COMPRESSION PERPENDICULAR TO GRAIN		DELETED	
12.13	INDENTATION		DELETED	
12.14	SHEAR PARALLEL TO GRAIN		DELETED	
12.15	TENSION PERPENDICULAR TO GRAIN		DELETED	
12.16	TENSION PARALLEL TO GRAIN		DELETED	
12.17	BRITTLNESS (IZOD & CHARPY TEST)		DELETED	
12.18	TORSION TEST		DELETED	
13	HOLLOW BLOCKS			
13.01	WATER ABSORPTION	No.	3284	3941
13.02	COMPRESSIVE STRENGTH	No.	4312	5174
13.03	BREAKING STRENGTH	No.	612	734
14	A.C.SHEETS			
14.01	TRANSVERSE STRENGTH		DELETED	
14.02	WATER ABSORPTION		DELETED	
14.03	DIMENSION AND TOLERANCE		DELETED	
14.04	IMPERMEABILITY		DELETED	
15	MISCELLANEOUS			
15.01	S W G PIPES		DELETED	
15.02	MORTAR TEST OF AGGREGATE & STONE		DELETED	
15.03	ADDITIONAL CEMENT TESTING		DELETED	
15.04	TESTING OF RUBBER FONDER FOR LOAD TEST		DELETED	
15.05	TESTING OF RUBBER FONDER FOR LOAD TEST WITHOUT CURVE PLOTTING		DELETED	

SR NO	NAME OF TEST	UNIT	S.O.R. 2017-18	
			GOVT. RATE	PRIVATE RATE
			Rs.	Rs.
16	LOW DENSITY POLYTHENE FILM			
16.01	TENSILE TEST INCLUDING ELONGATION	No.	1064	1277
16.02	IMPACT TEST FOR L.D.P.E.	No.	685	822
16.03	MEASURING THICKNESS OF L.D.P.E.	No.	535	642
17	ADMIXTURE			
17.01	PERCENTAGE OF AIR CONTENT OF ADMIXTURE	No.	815	978
17.02	COMPRESSIVE STRENGTH OF ADMIXTURE	No.	8788	10546
17.03	FOR EVERY ADDITIONAL TRIAL OF DOSAGE OF ADMIXTURE	No.	4394	5273
17.04	TESTING OF WATER PROOFING COMPOUND	No.	14250	17100
17.05	FOR EVERY ADDITIONAL % OF DOSAGE OF TRIAL OF WATER PROOFING COMPOUND	No.	7125	8550
18	CHEMISTRY UNIT			
18.01	COMPLETE CHEMICAL ANALYSIS OF ENGINEERING MATERIAL LIKE CEMENT/LIME/LIME STONE POZZOLONA	No.	4877	5852
18.01.1	PERCENTAGE LOSS ON IGNITION (PART ANALY. OF 18.01)	No.	488	586
18.01.2	% SILICA(PART ANALYSIS OF 18.01)	No.	1951	2341
18.01.3	% Fe ₂ O ₃ (Ferric Oxide)(PART ANALYSIS OF 18.01)	No.	2926	3511
18.01.4	% Al ₂ O ₃ (Alluminium Oxide) (PART ANALYSIS OF 18.01)	No.	2926	3511
18.01.5	% SO ₃ (SULPHATE)(PART ANALYSIS OF 18.01)	No.	2926	3511
18.01.6	% CaO (CALCIUM OXIDE) (PART ANALYSIS OF 18.01)	No.	3414	4097
18.01.7	% MgO (MAGNESIUM OXIDE)(PART ANALYSIS OF 18.01)	No.	4389	5267
18.02	COMPLETE CHEMICAL ANALYSIS OF WATER	No.	2566	3079
18.02.01	SULPHATE (PART ANALYSIS OF WATER)	No.	1283	1540
18.02.02	CONDUCTITIVIY (PART ANALYSIS OF WATER)	No.	452	542

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			GOVT. RATE	PRIVATE RATE
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18.02.03	TOTAL SOLUBLE SALT (PART ANALYSIS OF WATER)	No.	898	1078
18.02.04	pH VALUE (PART ANALYSIS OF WATER)	No.	452	542
18.02.05	CARBONATE & BICARBONATE(PART ANALYSIS OF WATER)	No.	641	769
18.02.06	CHLORIDE(PART ANALYSIS OF WATER)	No.	641	769
18.02.07	SODIUM & POTASSIUM(PART ANALYSIS OF WATER)	No.	641	769
18.02.08	TURBIDITY(PART ANALYSIS OF WATER)	No.	452	542
18.02.09	SILT CONTENT(PART ANALYSIS OF WATER)	No.	452	542
18.02.10	CALCIUM(PART ANALYSIS OF WATER)	No.	641	769
18.02.11	MAGNESIUM (PART ANALYSIS OF WATER)	No.	641	769
18.03	COMPLETE CHEMICAL ANALYSIS OF SOIL EXTRACT	No.	2815	3378
18.04	PREPARATION CHARGES FOR SOIL EXTRACT	No.	249	299
18.05	ORGANIC IMPURITY TEST OF SAND (IS 2386 PART I 1962)	No.	569	683
18.06	ORGANIC MATTER OF SOIL	No.	1504	1805
18.07	ACID RESISTANCE OF MORTOR AS PER IS:4456-PART-I		DELETED	
18.07.1	MIX OF READY MADE SAMPLE	No.	1667	2000
18.07.2	FOR PREPARING MOULD	No.	162	194
18.08	ACID RESISTANCE TEST FOR BRICKS AND TILES	No.	2365	2838
18.09	ALKALI REACTIVITY TEST OF FINE AGGREGATE	No.	4497	5396
18.10	ALKALI RECTIVITY TEST OF COARSE AGGREGATE	No.	5253	6304
18.11	%CaCO ₃ BY TITRATION AND QUALITY CHECKING OF H ₂ O ₂	No.	668	802
18.12	DETERMINATION OF LIME CONTENT IN SOIL	No.	2009	2411
18.13	DETERMINATION OF AVAILABLE CaO FROM BURNT LIME	No.	973	1168
18.14	BASE EXCHANGE CAPACITY OF SOIL	No.	2368	2842

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18.15	72 HOURS WATER ABSORPTION FOR FRP/PVC MATERIAL	No.	2336	2803
18.16	DETERMINATION OF CEMENT IN HARDENED CEMENT CONCRETE	No.	30269	36323
18.17	DETERMINATION OF CEMENT IN HARDENED CEMENT MORTAR	No.	17436	20923
18.18	% CARBON IN COAL/COALASH/FLYASH	No.	687	824
18.19	TESTING OF ALKALIES IN CEMENT	No.	945	1134
18.20	DETERMINATION OF FREE LIME CONTENT IN CEMENT SAMPLE	No.	1660	1992
18.21	CHEMICAL TESTING OF G.I.PIPE	No.	1667	2000
18.22	DETECTION OF SULPHUR & HALOGEN IN ORGANIC COMPOUND	No.	755	906
18.23	EFFECT OF SODIUM CHLORIDE & CALCIUM SULPHATE ON JUTE ASPHALT	No.	386	463
18.24	TEST OF WATER			
18.24.01	FLUORIDE	No.	937	1124
18.24.02	SULPHATE	No.	607	728
18.24.03	PHOSPHATE	No.	590	708
18.24.04	NITRATE	No.	610	732
18.24.05	DISSOLVED OXYGEN	No.	541	649
18.24.06	BICHEMICAL OXYGEN DEMAND	No.	1388	1666
18.24.07	CHEMICAL OXYGEN DEMAND	No.	1056	1267
18.24.08	OIL & GREASE	No.	581	697
18.24.09	PHENOLIC COMPOUND	No.	713	856
18.24.10	COLIFORM	No.	1428	1714
18.24.11	PESTICIDES	No.	4413	5296
18.24.12	CHROMIUM	No.	857	1028
18.24.13	MANGANESE	No.	857	1028
18.24.14	IRON	No.	857	1028
18.24.15	COPPER	No.	857	1028
18.24.16	ZINC	No.	857	1028
18.24.17	CADMIUM	No.	857	1028
18.24.18	LEAD	No.	857	1028
18.24.19	MERCURY	No.	857	1028
18.24.20	ARSENIC	No.	857	1028
18.24.21	SELENIUM	No.	857	1028
18.24.22	ODOUR	No.	130	156
18.24.23	TOTAL SUSPENDED SOLID	No.	497	596
18.24.24	COLOUR	No.	343	412

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			GOVT. RATE	PRIVATE RATE
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18.24.25	DETERMINATION OF DENSITY OF UPVC PIPE	No.	371	445
18.24.26	SULPHATED ASH CONTENT OF UPVC PIPE	No.	557	668
18.25	TESTING OF PAINTS			
18.25.1	HUMIDITY TEST	No.	DELETED	
18.25.2	FLEXIBILITY AND ADHESION TEST	No.	DELETED	
18.25.3	ALT SPRAY	No.	DELETED	
18.25.4	TEMPERATURE RESISTANCE (250°C) TEST	No.	DELETED	
18.25.5	BOND STRENGTH TEST	No.	DELETED	
18.26	TESTING OF MEMBRANE CURING COMPOUND			
18.26.1	WATER RETENTION TEST	No.	5640	6768
18.26.2	REFLECTANCE TEST	No.	1241	1489
18.27	TESTING OF EPOXY MORTAR			
18.27.1	FLEXURAL STRENGTH TEST	No.	2604	3125
18.27.2	COMPRESSIVE STRENGTH TEST	No.	1783	2140
18.27.3	TENSILE STRENGTH TEST	No.	2189	2627
18.28	TESTING OF PAINT			
18.28.1	DRYING TIME	Sample	553	664
18.28.2	FINISH TEST	Sample	553	664
18.28.3	RESISTANT TO HEAT	Sample	586	703
18.28.4	SPREADING CAPACITY	Sample	819	983
18.28.5	COLOUR TEST	Sample	479	575
18.28.6	WEIGHT PER TEN LITERS	Sample	534	641
18.28.7	CONSISTENCY	Sample	519	623
18.28.8	SCRATCH HARDNESS TEST	Sample	605	726
18.28.9	STRIPPING TEST	Sample	605	726
19	TESTING OF PAVER BLOCK			
19.1	COMPRESSIVE STRENGTH OF PAVER BLOCK	Sample	1489	1787
19.2	WATER ABSORPTION OF PAVER BLOCK	Sample	1177	1412
GM	GEOMECHANICS			
1	SPECIFIC GRAVITY	No.	1132	1358
2	MARSH CONE	No.	888	1066
3	GEL TIME TEST	No.	880	1056
4	BLEEDING PERCENTAGE TEST	No.	834	1001
5	NEEDLE PENETRATION RESISTANT TEST	No.	797	956
6	PENETRABILITY TEST	No.	3030	3636
7	WASH OUT TEST	No.	3030	3636
8	TURBIDITY TEST	No.	1111	1333

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			GOVT. RATE	PRIVATE RATE
			Rs.	Rs.
9	TRIAXIAL TEST	No.	29080	34896
10	UNIAXIAL COMPRESSIVE STRENGTH	No.	1123	1348
11	JOINT SHEAR TEST	No.	DELETED	
12	ROCK PERMEABILITY TEST	No.	4080	4896
13	APTT POROSITY / WATER ABSORPTION	No.	828	994
14	TRUE SPECIFIC GRAVITY	No.	807	968
15	ROCK CORE CUTTING	No.	1106	1327
16	ROCK CORE DRILLING	No.	3688	4426
17	ROCK CORE POLISHING	No.	1834	2201
18	BRAZILIAN TEST	No.	947	1136
19	SINGLE/DOUBLE SHEAR	No.	976	1171
20	POINT LOAD TEST	No.	914	1097
21	INSITU SHEAR TEST	No.	148688	178426
22	INSITU LOAD TEST	No.	72585	87102
23	GROUT MIX DESIGN '(EXCL. CONV. CHARGES)	No.	784955	941946
24	CONSULTANCY (EXCL. CONV. CHARGES)	No.	30991	37189
25	CLAY SEPARATION BY HYDRO CYCLON	No.	11854	14225
26	VISCOSITY BY BROOK FIELD VISCOMETER	No.	11760	14112
27	FLOW VALUE TEST	No.	879	1055
28	SLAKE DURABILITY TEST	No.	2070	2484
29	STATIC MODULUS OF ELASTICITY	No.	DELETED	
30	PRESSURE GUAGE CALIBRATION	No.	2732	3278
31	INSITU UNAXIAL JACKING TEST	No.	71423	85708
32	INSITU ANCHOR PULLOUT TEST	No.	9212	11054
33	INSITU PASSIVE RESISTANT TEST	No.	51335	61602
34	PREPARING AND STUDYING ONE MODEL OF PHOTOELASTIC POLARISCOPE	No.	DELETED	
35	DETERMINATION OF DENSITY AND POROSITY OF ROCK SPECIMEN	No.	1013	1216
36	DETERMINATION OF WATER CONTENT OF ROCK SPECIMEN	No.	792	950
EG	PETROLOGICAL TESING			
1	MICROSCOPIC EXAMINATION OF ROCKS	No.	1980	2376
2	MEGASCOPIE EXAMINATION OF ROCKS	No.	325	390
3	PETROGRAPHIC ANALYSIS OF NATURAL AGGREGATES FOR FRACTION SIZE IN SIEVE FRACTION			
	COARSE FRACTION			
	(a) 80 MM	No.	1081	1297
	(b) 40 MM	No.	1081	1297

SR NO	NAME OF TEST	UNIT	S.O.R. 2017-18	
			GOVT. RATE	PRIVATE RATE
			Rs.	Rs.
	(c) 20MM	No.	1081	1297
	(d) 10 MM	No.	1081	1297
4	FINER FRACTION			
	(e) 4.75 MM	No.	1763	2116
	(f) 2.36 MM	No.	1763	2116
	(g) 1.18 MM	No.	3010	3612
	(h) 600 MICRONS	No.	3010	3612
	(i) 300 MICRONS	No.	4245	5094
5	POLISHING OF ROCK SAMPLE 1 CMX1 CM	No.	7.6	9
6	THIN SECTION MICROSCOPIC EXAMINATION OF FINE SAND 600 MICRONS & 300 MICRONS	No.	2013	2416
7	PREPARATION OF THIN SECTION ONLY	No.	852	1022
8	VERTICAL ELECTRICAL SOUNDINGS/ GEO-ELECTRICAL RESISTIVITY PROFILING	Day	18015	21618

SANCTIONED FOR THE YEAR 2017-2018

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 2017-18

JOINT DIRECTOR(IRR) GERI, VADODARA	
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SCHEDULE OF RATES 2017-18

SR.	NAME OF TEST	UNIT	SOR FOR THE YEAR 2017-18	
			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	815	978
2	Atterburg's Limit (As per SM test No.4)	No	1300	1560
3	Light/Standard compaction (As per SM test No.8)	No	1583	1900
4	Heavy/Modified compaction (As per SM test No.9)	No	1888	2266
5	Remoulded CBR	No	1765	2118
6	Remoulded CBR (For heavy compaction)	No	2950	3540
7	Pavement Crust Design	No	2146	2575
7-A	Pavement Crust Design for traffic between 2 & 30 msa. (as per IS 37:2001)	No	505	606
8	Maximum/Minimum Density (As per SM test No.10)	No	1835	2202
9	FDD/FMC (As per SM test No.7)	No	901	1081
10	Wet mix macadam design	No	24192	29030
B	AGGREGATE TEST			
11	Gradation (As per MT test No.1.1)	No	755	906
12	Flakiness (As per MT test No.1.8)	No	673	808
13	Elongation (As per MT test No.1.9)	No	673	808
14	Impact (As per MT test No.1.2)	No	530	636
15	Soundness (As per MT test No.1.3)	No	2438	2926
16	Specific Gravity and water absorption (As per MT test No.1.7)	No	1198	1438
17	Stripping	No	1865	2238
C	BITUMEN TEST			
18	Penetration	No	1424	1709
19	Softening point	No	1764	2117
20	Ductility	No	1389	1667
21	Specific gravity of bitumen	No	405	486

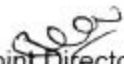
D BITUMENIOUS MIX TEST				
22	Binder content	No	3755	4507
23	Stability & flow test	1 set(3 no.)	1776	2131
24	Compacted density of mix	1 set(3 no.)	548	658

SR.	NAME OF TEST	UNIT	SOR FOR THE YEAR 2017-18	
			GOVT. Rs	PRIVATE. Rs
E TRAFFIC ENGINEERING CELL				
25	Roughness test (with B. I)	Km/lane/trip	423	508
26	Roughness test (without B. I)	Km/lane/trip	329	395
27	Reflectivity test of retroreflecting sheeting	No	3146	3775

Sanctioned for the
year 2017-18


Research Officer,
Road Research Division No. 4
G.E.R.I.Vadodara.

Counter sign for
year 2017-18


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

SR.	NAME OF TEST	UNIT	SOR FOR THE YEAR 2017-18	
			GOVT. Rs	PRIVATE. Rs
F	FLEXIBLE PAVEMENT UNIT			
28	Loss on heating	No	1636	1963
29	Benkleman beam	No	3341	4009
30	Asphaltic mix design (For one set)	No	64618	77542
31	Asphaltic mix design with modified Marshai apparatus (For one set)	No	65395	78474
G	EMULSION TEST			
32	Residue on 600 micron IS seive	No	1428	1714
33	Viscosity by saybolt Apparatus	No	2233	2680
34	Particle charge	No	1282	1538
35	Miscibility with water	No	1051	1261
36	Residue test by Evaporation	No	2374	2849
37	Solubility in trychloroethylene	No	872	1046
38	Storage stability	No	1992	2390
39	Stability to mixing with cement	No	887	1064
H	VISCOSITY GRADE BITUMEN TEST			
40	Absolute Viscosity	No	1125	1350
41	Kinematic Viscosity	No	1105	1326
42	Solubility in trychloroethylene	No	872	1046
43	Penetration.	No	1424	1709
44	Softening Point	No	1764	2117
45	Residue Test	No	435	522
46	Test on Residue			
	(A) Ductility	No	1389	1667
	(B) Absolute Viscosity from residue	No	1125	1350

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year 2017-18


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

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year 2017-18


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