

Proposal for change in consultancy rates

01/01/2018

W.E.F. 1/12/2016.

Sr. No.	Name of Test (Tests Includes)	Mode of testing	Old Rates	New Rates	Increase in old rates (@)
1	Basic testts of cement Standard consistancy, Setting time (initial & final) Compressiove strength, soundness test.	1 set	1650.0	2000.0	10%
2	Basic Tests of Fine Aggregate Water absorption , Specific gravity, silt containt, seive annalysis, Bulking of sand	1 test	1150.0	2000.0	15%
3	Only seive analysis of sand (fine agg.)	1 test	345.0	400.0	15%
4	Only seive analysis of course Agg.(Course Agg.)	1 test	345.0	400.0	15%
5	Mix Design Seive analysis of fine & course aggrate, Water absorption of fine and course aggregate, compression test results for at lest two sets Final deign mix.	1 test	8500.0	8500.0	0%
Testing of concrete					
6	Compressive test of Concrete cubes (without casting)(set of 3 cubes)	1 test	300.0	450.0	18%
7	Flextural strength of beam (Including casting)(Set of 3 samples)	1 test	1000.0	1200.0	20%
8	Flextural strength of beam (with out casting)(Set of 3 samples)	1 test	720.0	850.0	20%

Paver blocks testing					
9	Water absorption (set of 8 blocks) Compressive strength (set of 8 blocks) Resistance to water(set of 8 blocks)	1 test	3000.0	3000.0	0%
10	Compressive strength (Set of 3 blocks)	1 test	250.0	450.0	20%
11	Compressive strength with area calculation (Set of 3 blocks)	1 test	550.0	600.0	10%
12	Flextural test on paver blocks (set of 3 blocks)	1 test	300.0	450.0	20%
Construction blocks (Hollow / solid blocks)					
13	Water absorption test , Density of block, compressive strength (set of 3 Blocks)	1 test	1650.0	1650.0	0%
Brick					
14	Basic tests of bricks Size, shape, etc. (set of 3 bricks)	1 test	250.0	300.0	20%
15	Water absorption test (set of 3 bricks)	1 test	300.0	350.0	18%
16	Compressive strength of brick (set of 3 bricks)	1 test	300.0	350.0	18%
17	Combine testing of Brick Basic tests of Bricks Water absorption test Compression test (set of 3 bricks each.)	1 test	1600.0	1800.0	12%
Flooring tiles & wall tiles					
18	Water absorption ,Flextural test (set of 6 tiles)	1 test	360.0	360.0	0%

Wood / Non Metal material


19	Density , Moisture content	1 test	880.0	880.0	0%
20	Flextural test (set of 3 specimens)	1 test	450.0	450.0	0%
21	Compressive test	1 test	450.0	450.0	0%
Steel testing					
22	Tensile strength of reinforcement Up to 16 mm (set of 3 bars) Above 16 mm to 32 mm (set of 3 bars)	1 test 1 test	210.0 330.0	300.0 450.0	30% 30%
23	Combination of tensile strength, % elongation Yield stress, weight per meter, % reduction c/s up to 16 mm (set of 3 bars) Above 16 mm to 32 mm (set of 3 bars)	1 test 1 test	960.0 1320.0	1200.0 1500.0	20% 20%
24	Wire rope test (St of 3 specimen)	1 test	N.A	1000.0	N.A
NDT					
25	Rebound hammer Test Fixed charge up to 20 points Aditional charges per points (Transportation charges Extra)		4500.0 500.0	4500.0 500.0	0% 0%
26	Ultrasonic pulse velocity test Fixed charge up to 20 points Aditional charges per points (Transportation charges Extra)		5000.0 250.0	5000.0 250.0	0% 0%

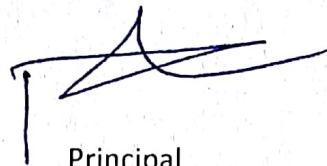
Soil testing


27	Seive analysis of soil	1 test	460.0	600.0	20%
28	Field moisture content	1 test	345.0	450.0	20%
29	Liquid limit & plastic limit	1 test	900.0	1200.0	20%
30	Compaction test	1 test	1500.0	1600.0	15%
31	Field density by sand replacement method	1 test	1020.0	1300.0	25%
32	Mechanical analysis Field density by core cutter Relative density	1 test 1 test	1840.0	2100.0	14%
33	Direct Shear test	1 test	3000.0	3300.0	10%
34	Triaxial test	1 test	3000.0	3300.0	10%
35	CBR Soil testing	1 test	1500.0	1650	10%

Bitumen & Aggregates (for Road const.)

36	Penetration, softning point,	1 test	2500.0	2800.0	5%
37	Ductility test	1 test	750.0	1000.0	20%
38	Impact value for aggregate	1 test	500.0	600.0	20%
39	Moisture content of aggregate	1 test	300.0	350.0	20%
40	Compression testing of aggregate.	1 test	400.0	450.0	10%
41	Abrasion testing of aggregate.	1 test	500.0	600.0	20%
42	Flackiness and elongation test for aggregate.	1 test	300.0	400.0	20%


HoD
Department of civil Engg.


Principal
GIT, Level


Trustee
GIT, Level