

Sl.. No.	Name of the tests	Quantity required	Rates in (Nu.)
A	Test on Soil		
1	SPT Test For Bearing Capacity	Per Pit	7500
2	Direct Shear Test	5kg	2550
3	Natural Moisture Content	1kg	225
4	Atterberg limits	2kg	975
5	Shrinkage Limits	2kg	975
6	Specific Gravity	1-2kg	675
7	Sieve Analysis	2-3kg	975
8	Field Density by Core Cutter	Per Pit	675
9	Field Density by SRM	Per Pit	825
10	Proctor Compaction Test	20-25kg	2250
11	CBR (Lab Test)	15-20kg	2700
12	Plate Load Test	Per Pit	11250
13	DCP Test	Per Pit	3000
B	Test on Coarse Aggregate		
1	Abrasion Test	20-35kg	2365
2	Impact Test	8-10kg	1350
3	Aggregate Crushing Value	15-20kg	2025
4	Specific Gravity	10kg	675
5	Flakiness/Elongation Index	30-40kg	975
6	Slake Durability	15-25kg	1350
7	Grading	5kg	975
8	Soundness	15-20kg	1650
9	Water Absorption	10kg	675
10	Bulk Density	15-20kg	675
11	Clay Lumps	5Kg	300

Sl.. No.	Name of the tests	Quantity required	Rates in (Nu.)
C	Test on Fine Aggregates		
1	Bulking of Sand	2kg	375
2	Grain Size Analysis	2kg	975
3	Fineness Modulus of Sand	3kg	825
4	Silt Content	2kg	300
5	Bulk Density	5kg	675
6	Soundness	15-20kg	1650
7	Specific Gravity	10kg	675
8	Water Absorption	10kg	675
D	Test on Bitumen/Bitumen Emulsion		
1	Penetration test	2kg	1015
2	Flash & Fire Point Test	2kg	1350
3	Softening Test	1kg	1015
4	Residue by Heating/Evaporation	2kg	750
5	Ductility Test	1kg	900
6	Bitumen Content Test	5kg	1200
7	Striping Value Test	5kg	750
8	Pavement Density by Core Driller	Per Pit	3000
E	Test on Bitumen Emulsion/Cationic Type		
1	Residue on 600mic. IS Sieve	5kg	1500
2	Stability to Mixing With Cement	5kg	1500
3	Miscibility with Water	5kg	3000

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F	Test on Steel & Steel Components		
1	Tensile Strength on Tor Steel Bars upto 30 dia	3 meters	1875
2	Unit Weight & Dimensional Tolerance	1 meter	900
3	Zinc Coating Thickness & Dimension	3 meters	900
G	Physical Test on Cement		
1	Compressive Strength Test	10-12kg	1500
2	Fineness test on IS 900 micron	2kg	675
3	Consistency Test	1kg	825
4	Setting Time-Initial & Final	2kg	1200
5	Soundness Test	1kg	750
6	Specific Gravity	2kg	675
H	Compressive Strength on Building Materials		
1	Concrete Cubes (Standard Size)	3 cubes	675
2	Bricks (Standard Size)	8 Bricks	1200
3	Hollow Blocks (Standard Size)	8 Blocks	1200
4	Masonry/Solid concrete Blocks (Standard Sizes)	8 Blocks	800
I	Test on Road Sub-Grade		
1	Field Compaction Test Using Troxler Equipment	Per Pit	2500

NOTES:

- The sample is accepted only if minimum quantity specified is delivered by the client
- All samples delivered should be clearly marked for identification.
- It is the responsibility of the client to obtain the test report from the office of M&LSD, BSB.
- Test reports shall be issued only after the client makes the payments for the test.