

Soil Mechanics and Foundation Engineering Lab

Sr. No	Description of Test	Rate (PKR)
1	Moisture content	600
2	Unit Weight	600
3	Sieve analysis (dry)	1500
	Sieve analysis (wash)	2500
4	Particle size distribution of powders by Hydrometer	5000
5	Liquid limit / Plastic Limit (each)	1500
6	Specific Gravity (Fine grain)	1500
	Specific Gravity (Coarse grain)	1500
7	Standard Proctor Compaction (4" mould)	2000
	Standard Proctor Compaction (6" mould)	2500
8	Modified Proctor Compaction (4" mould)	2500
	Modified Compaction (6" mould)	3000
9	Direct Shear Test (C & ϕ)	5000
10	Coefficient of Uniformity of soils.	3000
11	Density of sand for sand cone apparatus	1500
12	Triaxial Test	5000
13	Unconfined Compression Test	2500
14	Standard Penetration Test	5000

Construction Materials Lab

Sr. No	Description of Test	Rate (PKR)
1	Water Absorption of Bricks	300
2	Efflorescence Test of Bricks	500
3	NDT using rebound hammer and ultrasonic tester	5000 per location
4	Water demand of Powders by Hobart Mixer of 5 liters capacity	1500
5	Initial setting time by Vicat's Apparatus	1000
6	Final setting time by Vicat's Apparatus	1000
7	Soundness of cement	1000
8	Specific gravity of cement by Hydrometer	1500
9	Fineness of cement by passing 200 sieves.	1000
10	Sieve Analysis of Sand	1500
11	Fineness Modulus of Sand (Gradation Zone)	2000
12	Water Absorption of Sand	2000
13	Specific Gravity of Fine Aggregate	1500
14	Density / Unit weight of Fine Aggregate	2000
15	Unit weight of Concrete	2000
16	Shrinkage Test	15000 Per sample
17	Calorimetry Test	15000 Per sample

Transportation Engineering Lab

Sr. No	Description of Test	Rate (PKR)
1	Penetration test	2500
2	Softening point	1500
3	Flash and fire point	2000
4	Asphalt mix design	30000
5	Los Angeles abrasion test	2000
6	Flakiness index	2000
7	Elongation index	2000
8	Specific gravity of aggregates	1500
9	Density of aggregates	2000
10	Specific gravity of bitumen	1500
11	Ductility test	3000

Strength of Materials Lab

Sr. No	Description	Rate (PKR)
1	Deformed steel tensile test (up to 1 inch)	1500 per piece
2	Deformed steel tensile test (over 1 inch)	1800 per piece
3	Weight and gauge (area, nominal)	400 per piece/test
4	High strength tensile test (Pre-stressing strands)	5000 per piece/test