



DEPARTMENT OF CIVIL ENGINEERING

CONSULTING & TESTING SERVICES

UNIVERSITY OF ENGINEERING & TECHNOLOGY, TAXILA

Ph: 051-9047635 Fax: 051-9047650

RATES FOR TESTS IN DIFFERENT LABORATORIES

(w.e.f. February 22, 2016)

SOIL MECHANICS AND FOUNDATION ENGINEERING

Sr. No.	Description	Rate
1.	Moisture content (lab.)	600
2.	Unit weight (lab.)	600
3.	a) Sieve analysis (dry)	1,500
	b) Sieve analysis (wash)	1,500
4.	Hydrometer	5,000
5.	Liquid limit & Plastic limit	1,500
6.	Shrinkage limit	600
7.	a) Permeability (constant head)	3,000
	b) Permeability (variable head)	3,000
8.	Direct shear	5,000
9.	Consolidation	8,000
10.	a) Specific gravity (fine grain)	1,500
	b) Specific gravity (coarse grain)	1,500
11.	a) Standard compaction (4" mould)	2,000
	b) Standard compaction (6" mould)	2,500
12.	a) Modified compaction (4" mould)	2,500
	b) Modified compaction (6" mould)	3,000
13.	a) One point CBR (soaked) /T-99	5,000
	b) One point CBR (unsoaked)	3,500
14.	a) Three point CBR (soaked) T-193/T-99/T-180-D	8,500
	b) Three point CBR (unsoaked) "	7,000
15.	One point CBR (soaked) /T-180	5,000
16.	Organic Matter	3,500
17.	Field Density Test	3,000 + transportation
18.	Coefficient of Uniformity D_{10}, D_{30}, D_{60}	3,000
19.	Field CBR Test	18,000 + loading arrangement by client
20.	Triaxial Test	5,000
21.	Unconfined test	2,500
22.	Soil Resistivity test	20,000
23.	Relative Density of Sand	3,000
24.	Plate load test (according to location situation)	50,000 to 75,000
25.	Unified Classification AASHTO	3,000
26.	Visit of expert at site	6,000
27.	Calibration of Speedy Moisture Tester	6,000
28.	Calibration of Vessels	1,000 each
29.	Verification of Measuring tape	300
30.	Calibration of Trip Beam & electronic balance	5,000
31.	Calibration of Proctor Mould & Hammer	3,000
32.	Density of Sand for Sand Cone Apparatus	1,500
33.	Calibration of Sand Cone Apparatus	1,500
34.	Bentonite (Clay) Liquid Limit.	2,000
35.	Thermometer Calibration upto 100°	200


CHAIRMAN

19.02.16


DEAN, FC&EE

CONSULTANCY SERVICES

Project Planning & Design, Feasibility Studies, Structural Designs, Soil & Foundation Designs, Highway & Airport Designs, Hydraulic & Sedimentation Studies Municipal Designs, Irrigation Studies

FIELD & LABORATORY SERVICES

Material Testing, Water & Sewage Sample Testing



DEPARTMENT OF CIVIL ENGINEERING

CONSULTING & TESTING SERVICES

UNIVERSITY OF ENGINEERING & TECHNOLOGY, TAXILA

Ph: 051-9047635 Fax: 051-9047650

RATES FOR TESTS IN DIFFERENT LABORATORIES

(w.e.f. February 22, 2016)

CONCRETE TECHNOLOGY

Sr.No.	Description	Rate (Rs.)
Concrete Mix Design		
1.	Mix design	22,000
2.	Mix design (detailed)	30,000
Compressive Strength Tests		
3.	Compressive strength test on Concrete/mortar cubes	350
4.	a) Compression test on cylinders without capping(already capped by client) b) Compression test on cylinders with capping of sulpher	350 700
5.	Compression test on hollow & solid blocks	850
6.	Compressive Strength of Tuff pavers/ Tiles	850
7.	Compression test on bricks (with capping)	700
Bricks Tests		
8.	Water absorption of bricks	300
9.	Efflorescence test of bricks	500
Non Destructive Tests		
10.	Non-destructive testing using rebound hammer, ultrasonic tester, rebar locator	Depends on the site and extent of work
11.	Core test performed (Cutting+ Testing)	9,500
12.	Core test (provided by the client)	5,000
Cement Tests		
13.	Consistency Note: Consistency test is essential for setting time test.	700
14.	Initial setting time	700
15.	Final setting time	700
16.	Soundness of cement	700
17.	Density/Specific gravity of cement.	1,500
18.	a) Fineness of cement by sieve b) Fineness of cement by Blaine air permeability Apparatus	1,000 2,000
19.	Compressive strength of cement using mortar cubes	8,500
Sand Tests		
20.	Sieve analysis	1,500
21.	Fineness Modulus	1,000
22.	Water absorption	1,000
23.	Specific gravity of fine aggregate	1,500
24.	Soundness of fine aggregates by B.S. using sodium Sulphate or Magnesium Sulphate	9,500
25.	Sand Equivalent test	2,100
26.	Density/Unit weight (Rodded or Loose) of fine Aggregate	2,000
27.	Material Finer than 0.075mm	1,000
28.	Clay Lumps and Friable Particles	2,500
29.	Organic Impurities	2,500

PTO

CONSULTANCY SERVICES

Project Planning & Design, Feasibility Studies, Structural Designs, Soil & Foundation Designs, Highway & Airport Designs, Hydraulic & Sedimentation Studies Municipal Designs, Irrigation Studies

FIELD & LABORATORY SERVICES

Material Testing, Water & Sewage Sample Testing



DEPARTMENT OF CIVIL ENGINEERING

CONSULTING & TESTING SERVICES

UNIVERSITY OF ENGINEERING & TECHNOLOGY, TAXILA

Ph: 051-9047635 Fax: 051-9047650

RATES FOR TESTS IN DIFFERENT LABORATORIES

(w.e.f. February 22, 2016)

CONCRETE TECHNOLOGY (cont..)

Coarse Aggregates Tests		
30.	Sieve analysis	1,500
31.	Specific gravity of aggregate	1,500
32.	Water absorption of aggregates	1,000
33.	Crushing Value of Coarse Aggregate	2,000
34.	Impact Value of Coarse Aggregate	2,000
35.	Density/Unit weight (Rodded or Loose) of Coarse Aggregate	2,000
36.	Soundness (aggregates) by B.S. using sodium Sulphate or Magnesium Sulphate	95,00
37.	Los Angles Abrasion Value of Coarse Aggregate	2,100
38.	Clay Lumps and Friable Particles	2,500
39.	Material Finer than 0.075mm	1,000
40.	Organic Impurities	2,500
41.	Flakiness & Elongation Index	2,000 + 2,000
Miscellaneous		
42.	Density of Concrete Block etc	2,000
43.	Concrete Permeability Test	12,000 per Specimen
44.	Verification of Report	500 per report
45.	Duplicate Result	500 per report
R.C.C. Pipes (3-EDGE BEARING TEST) -- Per Specimen		
46.	RCC Pipe 3 & 4 Inch Dia.	2,000
47.	RCC Pipe 6 Inch Dia.	2,500
48.	RCC Pipe 8 & 9 Inch Dia.	3,000
49.	RCC Pipe 12 Inch Dia.	5,000
50.	RCC Pipe 15 Inch Dia.	7,000
51.	RCC Pipe 18 Inch Dia.	9,500
52.	RCC Pipe 21 to 24 Inch Dia.	15,000
53.	RCC Pipe 24 and 30 Inch Dia.	18,000
54.	Physical Verification of RCC pipe (3 to 15 Inch Dia)	5,500
55.	Physical Verification of RCC pipe (15 to 30 Inch Dia)	8,500



CHAIRMAN

19.02.16


DEAN, FC&EE

CONSULTANCY SERVICES

Project Planning & Design, Feasibility Studies, Structural Designs, Soil & Foundation Designs, Highway & Airport Designs, Hydraulic & Sedimentation Studies Municipal Designs, Irrigation Studies

FIELD & LABORATORY SERVICES

Material Testing, Water & Sewage Sample Testing



DEPARTMENT OF CIVIL ENGINEERING

CONSULTING & TESTING SERVICES

UNIVERSITY OF ENGINEERING & TECHNOLOGY, TAXILA

Ph: 051-9047635 Fax: 051-9047650

RATES FOR TESTS IN DIFFERENT LABORATORIES

(w.e.f. February 22, 2016)

TRANSPORTATION ENGINEERING

Sr.No.	Description	Rate (Rs.)
1.	Penetration test	2,500
2.	Softening point	1,500
3.	Flash and fire point	2,000
4.	Asphalt mix design	30,000
5.	Los Angeles abrasion test	2,000
6.	Marshal stability & flow	3,500
7.	Flakiness index	2,000
8.	Elongation index	2,000
9.	Specific gravity of aggregates	1,500
10.	Ten percent fines value test on coarse aggregates	2,000
11.	Density of aggregates	2,000
12.	Specific gravity of bitumen	1,500
13.	Water absorption (aggregates)	1,000
14.	Fineness modulus	1,000
15.	Impact value	2,000
16.	Bitumen Extraction	9,000
17.	Ductility Test	3,000
18.	Loss on Heating - RTFO	3,500
19.	Stripping and Coating	2,000
20.	Solubility	2,000
21.	Collection of Core Samples (first 4 cores)	7,000 per sample + Transportation
22.	Collection of Core Samples (each core after 4 cores)	1,200 per sample + Transportation
23.	GMM Test	3,000
24.	Gmb (Specific Gravity) of Cores	1,000 each

Note: Transportation facility or charges for the same will be provided by the client.


CHAIRMAN


DEAN, FC&EE

CONSULTANCY SERVICES

Project Planning & Design, Feasibility Studies, Structural Designs, Soil & Foundation Designs, Highway & Airport Designs, Hydraulic & Sedimentation Studies Municipal Designs, Irrigation Studies

FIELD & LABORATORY SERVICES

Material Testing, Water & Sewage Sample Testing



DEPARTMENT OF CIVIL ENGINEERING

CONSULTING & TESTING SERVICES

UNIVERSITY OF ENGINEERING & TECHNOLOGY, TAXILA

Ph: 051-9047635 Fax: 051-9047650

RATES FOR TESTS IN DIFFERENT LABORATORIES


(w.e.f. February 22, 2016)

RATE LIST FOR BORE HOLE/OPEN PIT RAWALPINDI/ISLAMABAD REGION

Sr. No.	Depth (ft)	Rates (Rs.)
1.	20	25,000
2.	30	35,000
3.	40	45,000
4.	50	55,000
5.	60	65,000
6.	70	80,000
7.	80	90,000
8.	90	100,000
9.	100	130,000
10.	Above 100	130,000 + 2,000 per ft



19-02-16
CHAIRMAN


DEAN, FC&EE

CONSULTANCY SERVICES

Project Planning & Design, Feasibility Studies, Structural Designs, Soil & Foundation Designs, Highway & Airport Designs, Hydraulic & Sedimentation Studies Municipal Designs, Irrigation Studies

FIELD & LABORATORY SERVICES

Material Testing, Water & Sewage Sample Testing



DEPARTMENT OF CIVIL ENGINEERING

CONSULTING & TESTING SERVICES

UNIVERSITY OF ENGINEERING & TECHNOLOGY, TAXILA

Ph: 051-9047635 Fax: 051-9047650

RATES FOR TESTS IN DIFFERENT LABORATORIES

(w.e.f. February 22, 2016)

STRENGTH OF MATERIALS

S.No.	Description	Rate (Rs.)
1.	Deformed Steel Tensile Test (Up to 1 inch)	700 per Piece
2.	Bend Test (Up to 1 inch)	400 per Piece
3.	Deformed Steel Tensile Test (Over 1 inch)	1,200 per Piece
4.	Bend Test (Over 1 inch)	600 per Piece
5.	Weight and Gauge	400 per Piece
6.	High Strength Tensile Test (Pre-stressing Strands)	5,000 per Piece
7.	Calibration of CBR Rings	7,000 + Transportation
8.	Calibration of Proving Ring (Capacity: 1000kN)	12,000 + Transportation
9.	Calibration of Universal Testing Machine	25,000 + Transportation
10.	Calibration of Cube Testing Machine	18,000 + Transportation
11.	Calibration of Dynamometer	5,000 + Transportation
12.	Calibration of Batching Plant	18,000 + Transportation
13.	Calibration of Pile Test Jack	25,000 + Transportation
14.	Calibration of Pre-stressing Unit	25,000 + Transportation
15.	Calibration of Microgauge	1,200 + Transportation
16.	Duplicate of Report (Copy)	500 (Per result)
17.	Verification of Report	500 (Per result)

Note: Transportation facility or charges for the same will be provided by the client.



19.02.16
CHAIRMAN


DEAN, FC&EE

CONSULTANCY SERVICES

Project Planning & Design, Feasibility Studies, Structural Designs, Soil & Foundation Designs, Highway & Airport Designs, Hydraulic & Sedimentation Studies Municipal Designs, Irrigation Studies

FIELD & LABORATORY SERVICES

Material Testing, Water & Sewage Sample Testing