DON BOSCO COLLEGE OF ENGINEERING, FATORDA
MARGAO, GOA
DEPARTMENT OF CIVIL ENGINEERING
TESTING RATES

1) CONCRETE LABORATORY

SR NO	TYPE OF TEST	Rate
	(a) Cement Testing	
1	Specific Gravity	300
2	Fineness	300
3	Soundness	300
4	Consistency	300
5	Setting Time	400
6	Compressive Strength (3,7,28 days)	600/set
	(b) Coarse and Fine Aggregates	
1	Specific Gravity	300
2	Water Absorption	300
3	Density	300
4	Soundness	1000
5	Sieve Analysis/Gradation	300
6	Moisture Content of Fine Aggregate	300
7	Flakiness Index	300
8	Elongation Index	300
9	Crushing Value	500
10	Abrasion Value	500
11	Bulking of Sand	300
12	Silt Content	300
	(c) Other Tests/ Consultancy	
1	Mix Design River sand	6000
2	Mix Design Crushed Sand	8000
3	Extracting 38 dia L/D=2 core in lab	400
4	Extracting 100 dia L/D=2 core in lab	600
5	Accelerated Curing of cubes (set of 3) + Testing	1400
	(d) Non Distructive Testing	
1	Rebound Hammer Test	Quotation to be given after site visit
2	Utrasonic Pulse Velocity(UPV) Test	
3	Profometer	
1	Certified copy of Test Report	100

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2) BUILDING MATERIAL LABORATORY

SR NO	TYPE OF TEST	Rate
	(a) Bricks	
1	Compressive Strength (Set of 5- IS 3495 part I :1992)	400
2	Water Absorption (Set of 5 as per IS 3495 Part II-1992)	300
3	Efflorescence (Set of 5 IS 3495 Part III:1992)	300
4	Dimensions (Sample of 20 to be certified as per IS1077:1992)	500
	(b) Solid Concrete Block Testing	
1	Dimension (Set of 15: IS 12440-1988)	600
2	Compressive Strength (Set of 8)	700
3	Block density (Set of 3)	400
4	Water Absorption (Set of 3)	300
	(c) Laterite Stone Testing	
1	Compressive Strength (Set of 5-IS 1121 part I 1974))	700
2	Water Absorption	300
3	Dimensions (Set of 8- IS 3620 Rev 2008)	500
	(d) Paver Block Testing	
1	Compressive Strength (Set of 8)	500
2	Water absorption (Set of 3)	300
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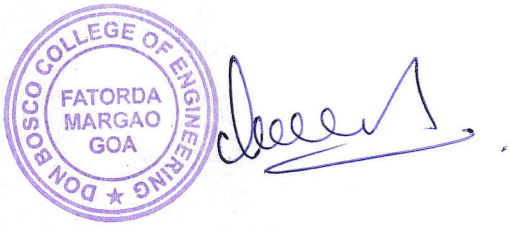
3) STRENGTH OF MATERIAL LABORATORY

SR NO	TYPE OF TEST	Rate
1	Tensile Strength and Elongation below 20mm (set of 3)	700
2	Tensile Strength and Elongation from 25mm (set of 3)	1000
3	Tensile Strength and Elongation from 32mm (set of 3)	1500
4	Unit Weight and Dimension Verification	300
5	Tensile Test for Metal Parts	1000
6	Bend Test per specimen	300

1	Certified copy of Test Report	100



4) GEOTECHNICAL ENGINEERING LABORATORY

SR NO	TYPE OF TEST	Rate
1	Procter Density (Compaction)	1200
2	Modified Proctors Test	1500
3	Compaction Graph	500
4	CBR (including compaction)	2000
5	Atterburg Limit	1000
6	Grain Size Distribution for Coarse grained Soils	500
7	Grain Size distribution for Fine grained Soil	800
8	Specific Gravity	300
9	Field Density and Moisture Content	500
10	Direct Shear test (Shear Strength Parameters) if sample provided (disturbed sample)	2000
10A	Direct Shear test (Shear Strength Parameters) if sample collected from site by using core (undisturbed sample)	3000
11	Unconfined Compression Test	700
12	Vane Shear Test	500
13	Consolidation	1800
14	Permeability Test	1000

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5) TRANSPORTATION ENGINEERING LABORATORY

SR NO	TYPE OF TEST	Rate
	(a) Physical Tests on Fine Aggregates	
1	Specific Gravity	300
2	Water Absorption	300
3	Moisture Content	300
4	Sieve Analysis	300
5	Finess Modulus	300
6	Bulking of Sand	300
	(b) Physical Tests on Coarse Aggregates	
1	Specific Gravity	300
2	Water Absorption	300
3	Dry loose Bulk Density	300
4	Sieve Analysis	300
5	Flakiness Index	300
6	Elongation Index	300
	(c) Mechanical Tests on Aggregates	
1	Crushing Value	800
2	Abrasion Value	800
3	Impact Value	800
	(d) Testing of Bitumen	
1	Penetration test	400
2	Softening point test	400
3	Ductility test	400
4	Stripping Value test	800
5	Bitumen Extraction test	600
6	Marshall Stability Test	600

1	Certified copy of Test Report	100

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6) ENVIRONMENTAL ENGG LABORATORY

SR NO	TYPE OF TEST	Rate
1	pH	300
2	Turbidity	300
3	Acidity and Alkalinity	900
4	Hardness	600
5	Chloride	500
6	C.O.D	1200
7	B.O.D	1000
8	D.O	600
9	Jar Test	1000
10	Residual Chlorine	500
11	Chlorine demand	500

1	Certified copy of Test Report	100

*Rate exclude taxes

**Taxes as applicable

5/4/2022

5/4/22

DON BOSCO COLLEGE OF ENGINEERING FATORDA MARGAO GOA

5/4/22

HCED **PRINCIPAL** **DIRECTOR**