

DEPARTMENT OF CIVIL ENGINEERING

Lab-Geo-Technical Engineering (Soil Mech.) **Built Up Area 87.03sqm**

Sr.No.	Name of Equipments	Qty.	Cost
1	Shrinkage limit set	02	1087.29
2	Sieve Shaker (Hand Operated)	01	1571.68
3	Sieve Shaker (Motorized 20 cm dia)	01	5610.00
4	Adapter for 30 cm dia	01	1452.00
5	Permeability Apparatus	01	4715.04
6	Overhead tank for constant head Permeability	01	2640.00
7	Constant head Permeability	01	4125.00
8	Grain size analysis apparatus	02	4099.11
9	Direct Shear apparatus with Proving Cap.2KN	01	16730.00
10	Unconfined Compression testing machin with Proving ring 2 KN cap. Amil 264	01	8685.60
11	C.B.R. Test Hand Operated with 10 KN Proving Ring	01	9926.40
12	Core cutter apparatus	02	1116.70
13	Compaction test apparatus with Rammer	01	2647.04
14	Stop Watch	03	1343.80
15	Straight edge	02	20.68
16	Mixing pan 80cm x 80 cm	01	227.48
17	Liquid Limit (Hand operated)	01	858.22
19	Chemical Balance Cap.200 gm	02	2226.62
20	Electrical One Pan balance	01	5434.00
21	Plastic Limit Kit	01	193.30
22	Specific Gravity bottle 50 ml capacity	05	103.40
23	Pycnometer bottle	18	3240.52
24	I.S.Sieve Brass made Size 1.18, 2.36, 3.35, 4.75, 600, 425, 300, 150, 75, 90 micron	01 set	1519.54
25	Soil Trimer (Leath) Hand operated	01	1720.00
26	Constant Volum mould Size 38 mm dia. 76 mm height	01	715.00
	38 mm dia. 76 mm ht. Spilt type	01	156.75
	127.3 mm ht. Coller & base plate	01	449.35
	Spilt spoon sampler I.S. 2131 with brass liner	01	1500.00
27	Vane-shear App. Hand operated	01	2047.00
28	Density Hydrometer Range 0.79 + 01.01	02	306.75
	Long Stem	05	2100.00
	Short Stem	04	1680.00
29	Extractor for soil sample outfit 38 mm	01	1724.40
	Soil Sample Extractor hyd. Cap. 5 Tone suitable for Extracting 100 mm & 150 mm	01	2790.15

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Sr.No.	Name of Equipments	Qty.	Cost
30	Torision Balance moisture meter	01	7110
31	Laboratary Oven 350x350x350 mm	01	2873.75
32	Sand pouring cylinder (Replacement) App.	01	6344.00
33	Proctor needle spring type	01	1987.00
34	Cone penetrometer	01	928.08
35	Triaxial Shear test app. Electrical operated suitable for 37mm specimen with Triaxial Cell LM-17-110	01	13895.00
	Proving Ring 200 kgf. LM-17-142	01	4307.50
	Load Frame 5000 kgf .Motorized	01	28935.00
36	Pore water pressure assembly with pressure gauge	01	15871.00
37	Lateral pressure assembly	01	6667.50
38	Physical balance 2 Kg cap	01	334.40
39	Weight 10kg, 2 kg, 1 kg, 5 kg & Weight box	01 set	362.61
40	Swell test app. with proving ring 2.5 KN	01	12853.50
41	High speed stirrer with cup & buffle motorized	01	2508.00
42	Post-hole auger with extension rod tee & handle Size100mm	01	689.70
43	-----,, ----- helical	01	1003.20
44	Extension rod 1 mt. Long heavy duty	01	250.80
45	A rod heaving feamale thread at both end 1.5mt.long	07	3730.65
46	Adopter for above	07	658.35
47	Guide pipe assembly average for 75cm fall of the Hammer	01	1003.20
48	Weight for above 65 Kg.	01	2508.00
49	Moisture conten can with lid made of aluminium Size 25mm ht.& 50mm dia	25	156.75
50	Extensometers	01	750.00
	TOTAL		233723.00