



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

## DEPARTMENT OF CIVIL ENGINEERING

### Geotechnical Engineering

S.No	Equipment	Make	Quantity	Cost per Unit (Rs.)	Total Cost (Rs.)
1.	Liquid Limit Device Hand Operated As Per Is: 2720 Part 5	SSB Enterprises	2	1,875	3,750
2.	Plastic Limit Apparatus	SSB Enterprises	2	561	1,122
3.	Shrinkage Limit Apparatus	SSB Enterprises	2	1,050	2,100
4.	Core Cutter	SSB Enterprises	2	1200	2,400
5.	Sand Replacement Apparatus	SSB Enterprises	2	900	1,800
6.	Grain Size Analysis Apparatus	SSB Enterprises	2	3,600	7,200
7.	Mechanical Sieve Shaker	SSB Enterprises	1	18,000	18,000
8.	Electronic Balance (600 Gm Capacity)	SSB Enterprises	2	9,000	18,000
9.	Weighing Balance 600gm	Swan Scientific Ltd.	1	11,000	11,000
10.	Electronic Balance(5kg Capacity)	SSB Enterprises	2	4,875	9,750
11.	Electronic Balance(30kg Capacity)	SSB Enterprises	2	4,875	9,750
12.	Weighing Balance (30 Kgs Capacity)	Swan Scientific Ltd.	1	8,000	8,000
13.	Compaction Test Apparatus ( Light Compaction)	SSB Enterprises	1	1,875	1,875
14.	Light Compaction Molds	Arvind Engineering Co.	2	1,800	3,600
15.	Heavy Compaction Apparatus	SSB Enterprises	1	2,625	2,625
16.	Heavy Compaction Moulds	Arvind Engineering Co.	1	2,800	2,800
17.	Pycnometer	SSB Enterprises	4	300	1,200
18.	GI Trays (60 X 60 Cm)	SSB Enterprises	2	600	1,200
19.	GI Trays (30 X 30 Cm)	SSB Enterprises	3	300	900
20.	Measuring Jar (Plastic 1000ml)	SSB Enterprises	4	337.5	1,350
21.	Measuring Jar plastic	SSB Enterprises	4	112.5	450

	100ml)				
22.	Measuring Jar ( 1000 ML)	SSB Enterprises	4	900	3,600
23.	Measuring Jar (100ml Glass)	SSB Enterprises	4	280	1,127
24.	Mercury	SSB Enterprises	2	3,000	6,000
25.	Moisture Cans	SSB Enterprises	100	29.8	2,980
26.	Permeability Apparatus	SSB Enterprises	1	14,100	14,100
27.	Permeability Apparatus With Mild Steel	SSB Enterprises	1	26,800	26,800
28.	Universal Auto Compactor	SSB Enterprises	1	48,750	48,750
29.	CBR Moulds	Arvind Engineering Co.	2	2,200	4,400
30.	CBR Apparatus	Rajco Pvt Ltd	1	39,000	39,000
31.	Hot Air Oven 50- 150 Degree	Sisco Pvt Ltd	1	28,500	28,500
32.	Tri Axial Cell Apparatus	Rajco Pvt Ltd	1	1,35,000	1,35,000
33.	Unconfined Compression Test Apparatus	SSB Enterprises	1	36,000	36,000
34.	Direct Shear Apparatus	SSB Enterprises	1	46,500	46,500
35.	Consolidation Apparatus	SSB Enterprises	1	21,000	21,000
36.	Consolidation Test Apparatus	SSB Enterprises	1	99,750	99,750
37.	Hydrometer Calibrated At 27°c	SSB Enterprises	1	225	225
38.	Sampling Tubes	SSB Enterprises	4	300	1,200
39.	Split Molds	SSB Enterprises	2	750	1,500
40.	Universal Sample Extractors	SSB Enterprises	1	10,500	10,500
41.	Soil Sample Extractor	SSB Enterprises	1	5100	5,100
42.	Sample Extractor	SSB Enterprises	1	10,000	10,000
43.	Crow Bar With Handle	SSB Enterprises	2	113	225
44.	Vane Shear Apparatus Hand Operated	SSB Enterprises	1	10,500	10,500
45.	Vane Shear Apparatus	Arvind Engineering Co.	1	24,000	24,000
46.	Standard Penetration Test Apparatus With Accessories	Balaji Enterprises	1	63,000	63,000
<b>Total Cost (Rs.)</b>					<b>7,48,629</b>
<i>(In Words Rupees Seven Lakhs Forty Eight Thousand Six Hundred Twenty Nine Only)</i>					

Date: 07 April, 2022

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