

DEPARTMENT OF CIVIL ENGINEERING

TRANSPORTATION ENGINEERING LABORATORY EQUIPMENT

Sl. NO	Name of the Equipment/Machinery	Quantity
01	Los Angeles Abrasion Testing Machine	2
02	Steel Balls 48mm diameter	2set
03	Deval's Attrition testing Machine	2
04	Impact testing machine	2
05	Crushing value apparatus	2
06	Thickness Gauge	2
07	Length Gauge	2
08	Ductility testing Machine	2
09	Automatic Penetrometer	2
10	Standard tar viscometer	1
11	Flash and Fire apparatus	1
12	Marshall Stability apparatus	1
13	Ring and Ball Apparatus	2 Nos
14	Sieves GI frame 45cm dia	30 Nos
15	Sieves Brass Frame with stainless steel mesh frame 20cm dia	6Nos
16	Counter Balance 10Kg	1
17 a	CBR apparatus	1
b	CBR apparatus (Computerized)	1
c	CBR apparatus (motorized)	1
d	CBR Proving ring 10KN capacity	2 Nos
e	CBR Proving ring 15KN capacity	2 Nos
f	CBR Proving ring 25KN capacity	1 Nos
18	CBR Moulds	3
19	Models	3
20 a	Heater with Regulator	1
b	Cast iron heater rectangular with 2kW regulator	2 Nos
21	Enamel trays	4
22 a	Thermometer (0 ⁰ to 360 ⁰)	6
b	Thermometer (0 ⁰ to110 ⁰)	4
23	Field CBR	1
24	Hot air Oven	2
25	Dial gauges (0.01x25mm)	4
26	Slotted weights	3
27	Centrifuge Extractor (Electrically	1
28	Spacer disc	2 Nos
29 a	Electronic Weighing machine (15Kg)	3

b	Electronic Weighing machine (50Kg)	2
30	Compression testing Machine and (100KN)	1
31	Pycnometer	6 Nos
32	Jaw Crusher	1
33	Rammer	2
34	Compaction Moulds	1