

IL&FS Transportation and Network Limited		
Sr No.	Asset Description	Qty
LABORATORY INSTRUMENTS		
1	Bump Integrator Apparatus - AIMIL Model IV	1
2	Triaxial Test Apparatus, Digital with star DAQ & Geo Star consists of AIM-076-38, AIM-081-1, AIM-085, AIM-101	1
3	Beam Mould, 150mmx150mmx700mm Specimens	2
4	Bankelman Beam with Data Output facility	1
	Charge of data downloading cable (to be deducted)	
5	Benkelmen Beam with Digital Dial Gauge in Wooden Carrying case	1
6	Benkelmen Beam with Digital Dial Gauge in Wooden Carrying case	1
6	Flexure testing frame 100 kN, with presusre gauge, pressure hose and manifold having two isolating valve but without pump	1
7	ARRB Australia make HH Roughometer-II (without GPS)S.No.189	1
8	Essae Electronic Weigh Pad (Axle Pad)	2
	Digital Indicator with Bat Back up	
	Cable & Connectors	
	Instruction Manual	
9	Digital Dial Guase 0.001x25mm	1
10	Digital Compression Testing Machine 2000 kN Capacity	1
11	Standard Test Sieves 450 mm dia	1
	63mm	1
	50mm	1
	40mm	1
	37.5mm	1
	31.5mm	1
	25mm	1
	20mm	1
	19mm	1
	16mm	1
	12.5mm	1
	10mm	1
	6.3mm	1
	4.75mm	1
	Pan & Cover	1
	75 mm	1
	53 mm	1
	45 mm	1
	26.5 mm	1

22.4 mm	1
14 mm	1
11.2 mm	1
9.5 mm	
Standard Test Sieves 200mm Dia. (Brass)	
4.75mm	1
2.36mm	1
1mm	1
600 micron	1
425 micron	1
300 micron	1
150 micron (1 No Did not received from Heico)	1
2mm	1
1.18mm	1
150micron	1
1.70mm	1
Pan	1
425 micron	1
(a) Hot Air Oven (Inside Steel 600x600mm)	1
(b) Hot Air Oven (Inside Steel 600x600mm)	1
Sand Replacement Equipment (100mm dia. Complete set)	1
Density Basket	1
Stop Watch	1
(a1, a2) Enameled Trays(300mm x 375mm)	2
(b1, b2, b3) Enameled Trays(300mm x 450mm)	3
(d1, d2) Enameled Trays(300mm x 350mm)	2
(e1, e2, e3, e4) Enameled Trays (375mm x 450mm)	4
Slump Test Apparatus	1
(a1 to a18) Cube Moulds (150mm x 150mm x 150mm)	18
(a) Bitumen Penetrometer (Complete Set)	1
Bitumen Centrifuge Extractor	1
Bulk Density Measure	
(a) 3Ltr.	1
(b) 10Ltr.	1
(c) 30Ltr.	1
Straight Edge	
(a1, a2) 3m long	2
(b1, b2) 300mm long	2
Length Gauge	1
Thickness Gauge	1
Liquid Limit Device with counter & one Cassagrande grooving tool	1
	1
(a) Laboratory California Bearing Ratio Test Machine	1
(b1 to b2)Circular Metal Spacer Disk with handle (148mm dia x 47.7mm height)	2

	(c1 to c12) Annular Metal Weight 2.5 kg, 147mm dia with 53mm dia central hole	12
	(c13 to c33) Annular Weight	21
	(d1 to d12) Slotted metal Weight 2.5kg, 147mm dia with 53mm dia slot	12
	(d13 to d33) Slotted Weight	21
	(g1 to g7) Metal tripod for dial gauge	7
	(g8 to g12) Metal tripod for dial gauge	5
	(e1) C.B.R. Mould, 150mm dia, 175mm height (Gun Metal)	1
	(e2 to e22) C.B.R. Mould (Steel)	21
	(e23 to e33) C.B.R. Mould, 150mm dia, 175mm height (Gun Metal)	11
	(f1 to f22) Perforated Plate (Brass)	22
	(h) Proving Ring	1
	(b1 to b5) Analog Dial Gauge	5
	Aggregate Impact Machine with blow counter	1
	Crushing Value Apparatus	1
	Compaction Factor Apparatus	1
	Vicat Apparatus with Dashpot	1
	(a1 to a4) Mortar Moulds of 70.6mm cube (Steel)	4
	(a5 to a9) Mortar Moulds of 70.6mm cube (Steel)	5
	(a1, a2, a3) Gauging Trowel 200mm long blade with straight edge, weigh 210 ± 10 gm	3
	(a1, a2) Gauging Trowel 140mm to 150mm long blade with straight edge, weigh 210 ± 10 gm	2
	Ring & Ball Apparatus	1
	Water Bath, Rectangular, double walled inside size 425 x 325 x 100 mm	1
	Thermometer	
	(a1)	1
	(a2)	1
	(a3)	1
	(b1) Abel Oil Cup Thermometer	1
	Vibrating Machine with built in Digital Timer	1
	Los Angeles Abrasion Testing Machine with abrasive charges	1
	Hot Plate, Rectangular with energy regulator	1
	Spatula, 150mm blade, wooden handle	1
	Spatula, 200mm blade, wooden handle	1
	Universal Automatic Compactor	1
	(a1) Compaction Mould 150mm dia, 127.3mm Height, 2250ml value Complete with collar & brass plate made of Gun Metal	1
	(a2) Compaction Mould 150mm dia, 127.3mm Height, 2250ml value Complete with collar & brass plate made of mild steel	1
	(c) Rammer 4.9kg x 450mm controlled fall	1

(d) Rammer 4.9kg x 450mm controlled fall	1
Digital Compression Testing Machine	1
(a1 to a12) Container for Moisture Content (small)	12
(a13 to a53) Container for Moisture Content (small)	41
(a54 to a89) Container for Moisture Content (big)	36
Weigh Balance (Electronic 30kg)	1
Weigh Balance (Electronic 600gms)	1
Air-Entrainment Meter	1
Vibrating Table, Table Top 1m x 1m	1
Air-Entrainment Meter	
Vibrating Table, Table Top 1m x 1m	
(a)Marshall Apparatus with Proving Ring 25kN & Dial Gauge (Two Speeds)	
(b) Pedestal	
(c1) Rammer	
(c2) Rammer	
(d1,d2,d3) Mould	
(e1) Proving Ring	
Ductility Testing Machine	
Concrete Mixer Tray (90cm X 160cm)	
Cleveland Flash & Fire Point Apparatus	
Concrete Mixer	
UTM (60 Tones)	
Bend Test Apparatus (8, 10, 12, 16, 20, 25, 28, 32, 36, 40 mm dia)	
Electronic Extensometer Software	
Spectrometer with 04 accessories	1
Cone Penetrometer	1
Nitrogen Regulator	1
Single Disc Sample Polishing Machine	1
Hand Gloves	
(b2) Compaction Mould 100mm dia, 127.3mm Height, 1000ml volume, made of Gun Metal, Complete set with collar & brass plate	1
(b3) Compaction Mould 100mm dia, 127.3mm Height, 1000ml volume, made of Gun Metal, Complete set with collar & brass plate	1
75 Micron	2
(b4,b5,b6 & b7) Enameled Trays(300mm x 450mm)	2
Weigh Balance (Electronic)	1
Bump Indicator	1
BBD Equipment	1
BBD Equipment	1
Weigh Balance (Electronic 50 kg)	1
(c) Hot Air Oven (Inside Steel 600x600mm)	1
(a11 to a12) Digital Dial Gauge	2 (1)
(b3 to b4) Penetration Cup	2
Ring and ball set (2)	1
Handheld Roughometer-II	1
(a) Roughness Sensor	1
Standand Weights	
(a,) 500gms	1

	(b ₁ ,b ₂) 200gms	2
	(c ₁) 100gms	1
	(d ₁) 50 gms	1
	(e ₁ ,e ₂)20gms	2
	(f) 10gms	1
	(g ₁) 5 gms	1
	(h ₁ ,h ₂) 2gms	2
	(i ₁) 1gm	1
	(j ₁)500mg	1
	(k ₁ ,k ₂) 200mg	2
	(l ₁)100mg	1
	(m ₁)50mg	1
	(n ₁ ,n ₂)20mg	2
	(o ₁) 10mg	1
	(p ₁) 5mg	1
	(q ₁ ,q ₂) 2mg	2
	(r ₁) 1mg	1
	Master Thermometer	1
12		
13	Thermometer	4
14	Thermohygro Meter	1
14	Phcnometer (1000 ml)	1
	Rammer 2.6 Kg X 310 mm	1
	Weights (Mechanical)	
	10 Kg	1
	5 Kg	2
	2 Kg	1
	1 Kg	1
	500 Gms	1
	200 Gms	1
	100 Gms	1
	Wash Bottle	2
	Measuring Cylinder	2
	Glass Plate	1
	Vernier Caliper	1
	Rapid Moisture	1
	Digital Thermometer	1
	Digital Thermometer	1
	Stop Watch	1
	Steel Tape	1
	Enamel Tray (450mm X 300mm)	6
	75 Micron Sieve	2
	2mm Sieve	1
	Measuring Borosil Bottle	10
	Standard Testing Sieve 200mm dia (Brass)	
	4.75mm	2
	2.36mm	1
	2.00mm	2
	1.70mm	1
	1.18mm	2
	600 micron	2
	425 micron	2
	300 micron	2
	150 micron	2
	75 micron	4
	Pycnometer Bottle (1000 mm)	1
	Measuring Borosil Bottle	10
	Digital Dial Gauge	1
	SURVEY INSTRUMENTS	
1	Hand held GPS instrument Magellon	1

