

Annexure 8.1.1 Chennai Metro Project (Batching Plant) - RFP - Tamil Nadu		
Contact Details		
Project Name	Address	Contact Person & Mobile No
CMRL- Batching Plant	2. Ennore Express Highway, Mullai Nagar Bus Stop, Ram Lakshmi Weighment Back side Ernavour, Chennai-56	Mr.G.SIVASANKARAN Contact No : 7639686575
		Annexure 8.1.1
#	Groups of Materials	Sheet Name
1	Plant & Machinery	P&M
2	Miscellaneous Assets	Misc. Assets
3	Shuttering & Scaffolding	S&S
4	Inventory	Inventory

Annexure 8.1.1
CMRL Project (Batching Plant)- RFP Tamil Nadu

S.No	Category	Descriptions	Unit	Qty
P&M				
Railway	P&M	Air compressor	Nos	1
Railway	P&M	BAR CUTTING MACHINE	Nos	1
Railway	P&M	Power Generator 125 KVA	Nos	1
Railway	P&M	Power Generator 250 KVA	Nos	1
Railway	P&M	SILO Cement Silo 200 MT Capacity	Nos	1
Railway	P&M	SILO Complete assly-100T	Nos	1
Railway	P&M	WELDING MACHINE	Nos	1
Railway	P&M	TRUCK TRANSIT MIXER	Nos	1
Railway	P&M	Transit Mixer	Nos	1
Railway	P&M	TRUCK TRANSIT MIXER	Nos	1
Railway	P&M	TRANSIT MIXER	Nos	1
Railway	P&M	TRUCK TRANSIT MIXER ,	Nos	1
Railway	P&M	TRANSIT MIXER	Nos	1
Railway	P&M	TRUCK TRANSIT MIXER ,	Nos	1
Railway	P&M	TRANSIT MIXER	Nos	1
Railway	P&M	BAR BENDING MACHINE	Nos	1
Railway	P&M	BATCHING PLANT H1-25	Nos	1
Railway	P&M	Bar Bending Machine-36	Nos	1
Railway	P&M	ESAB Portable Welding Machine 200 Amps Inverter Type, 1 Phase, 200 Amps Model:ES	Nos	1
Railway	P&M	ESAB Portable Welding Machine 200 Amps Inverter Type, 1 Phase, 200 Amps Model:ES	Nos	1
Railway	P&M	Hilti Drilling machine Combiammer TE 30 220V case (Hammer drill bit TE-CX 20/48	Nos	1
Railway	P&M	Hilti Breaker TE 800-AVR 230V (Pointed chisel TE SP SM 36- 02Nos)	Nos	1
Railway	P&M	BREAKER TE-500-AVR 230V	Nos	1
Railway	P&M	BREAKER TE-500-AVR 230V	Nos	1
Railway	P&M	DRILL MACHINE,HILTI UD 30,230 V,650 W,RPM 1200-3300	Nos	1
Railway	P&M	COMBI HAMMER CHIPPING TE 70-D/AVR 230 V	Nos	1
Railway	P&M	BREAKER TE-800-AVR 230V	Nos	1
Railway	P&M	Concrete Baraker HILTI T 700	Nos	1
Railway	P&M	Combi hammer TE 50-AVR 230 V Heavy duty Drilling Machine	Nos	2
Railway	P&M	Drill UD 30 230V Machine	Nos	1
Railway	P&M	Bosch 14 " WHEEL CUTTING MACHINE	Nos	2
Railway	P&M	WHEEL LOADER	Nos	1
Railway	P&M	ANGLE GRINDER AG-180-20P-230V	Nos	2
Railway	P&M	ANGLE GRINDER AG-125-13S-230V	Nos	2
Railway	P&M	Kit TE 500 + TE-YP SM 36	Nos	2
Railway	P&M	Kit TE 800AVR + TE-SP SM 36	Nos	1
Railway	P&M	KSB 1 HP JET PUMP MODEL NO-KJET-10-3225-1	Nos	1
Railway	P&M	MBH PORTABLE SUBMERSIBLE PUMP PST 2.0L	Nos	1

Annexure 8.1.1
CMRL Project (Batching Plant)- RFP Tamil Nadu

S.No	Category	Descriptions	Unit	Qty
Railway	P&M	Combihammer TE 70-D/AVR 230V	Nos	1
Railway	P&M	HL-RC-50/150 HYDROLIC RC JACK 50 TON CAPACITY & 50 TON JACK PUMP WITH 2 MTR HOSE	Nos	2
Railway	P&M	Kit TE 30 + TE-CX 20/32	Nos	2
Railway	P&M	Rotary hammer TE 3-CL 230V	Nos	2
Railway	P&M	Kit TE 30 + TE-CX 20/32	Nos	2
Railway	P&M	Kit TE 800AVR + TE-SP SM 36	Nos	2
Railway	P&M	Angle grinder AG 125-13S 230V	Nos	4
Railway	P&M	ANGLE GRIDING MACHINE,AG-125-13S 230 V	Nos	10
Railway	P&M	ANGLE GRIDING MACHINE,AG-180-20P	Nos	2
Railway	P&M	T800 CHIPPING MACHINE	Nos	1
Railway	P&M	ANGLE GRIDING MACHINE,AG-4	Nos	2
Railway	P&M	ANGLE GRIDING MACHINE,AG-4	Nos	2
Railway	P&M	MBH Make Portable submersible Pump Model No PST 5.0 M 3phase 415 volts with F cl	Nos	1
Railway	P&M	WOOD CUTTING MACHINE AG-4 BOSCH	Nos	4
Railway	P&M	CHAP SAW CUTTING MACHINE 14 " BOSCH	Nos	1
Railway	P&M	Bosch AG 4 WOOD CUTTING MACHINE	Nos	2
Railway	P&M	HILTI BLOCK CUTTING Kit WSR 1400 PE + BCB31	Nos	1
Railway	P&M	Hitec Brand 5Hp Sewage Submersible pump	Nos	4
Railway	P&M	Shuttering-S28881		1
Railway	P&M	Shuttering-S2294		1
Railway	P&M	Shuttering-S28884		1
Railway	P&M	Shuttering-S28884		1
Railway	P&M	Shuttering-S28884		1
Railway	P&M	Shuttering-S28884		1
Railway	P&M	Shuttering-S2297		1
Railway	P&M	480 No.Swivel copuler & 72 nos H-frames		1
Railway	P&M	Fabrication and supply of Pier cap bottom for oblog pier shuttering		1
Railway	P&M	wailers and medium duty trussels		1
Railway	P&M	wallers and medium duty trussels		1
Railway	P&M	waller and medium duty trussels		1
Railway	P&M	Fabrication and supply of Wallers and Medium duty Trussels		1
Railway	P&M	Cup lock Scaffolding Staircase system 2 Mtrs (W) x 4 Mtrs(L) x 20 Mtrs (Platform		1
Railway	P&M	20 ' Scoff folding Satire case as Moveable		1
Railway	P&M	Cup lock Scaffolding Staircase system 2 Mtrs (W) x 4 Mtrs(L) x 20 Mtrs (Platform		2
MISC Assets				
Railway	MISC Assets	Auto level	Nos	2
Railway	MISC Assets	Revolving Chair	Nos	20
Railway	MISC Assets	SLUMP TEST APPRATUS,COMPLETE UNIT	Nos	3

Annexure 8.1.1
CMRL Project (Batching Plant)- RFP Tamil Nadu

S.No	Category	Descriptions	Unit	Qty
Railway	MISC Assets	CALIPER,VERNIER,8 INCH	Nos	5
Railway	MISC Assets	SPANNER,ADJUSTABLE,02 INCH	Nos	6
Railway	MISC Assets	MOULD,PROCTOR,STANDARD COMPACTION,100 MM ID x 127.3 MM HEIGHT,GUN METAL,IS 2720,PART-VII,WITH MS RAMMER, 1000CC, 2.6KG	Nos	2
Railway	MISC Assets	SCOOP,STAILESS STEEL,5 KG	Nos	2
Railway	MISC Assets	THERMOMETER,CONCRETE,MECHANICAL,100 DEG CEL	Nos	2
Railway	MISC Assets	SPATULA,STAINLESS STEEL,4 INCH,W/WOODEN HANDLE	Nos	1
Railway	MISC Assets	TIN,MOISTURE SAMPLE,50 MM DIA X 30 MM HEIGHT,ALUMINIUM	Nos	10
Railway	MISC Assets	TIN,MOISTURE SAMPLE,75 MM DIA X 50 MM HEIGHT,ALUMINIUM	Nos	10
Railway	MISC Assets	LIQUID LIMIT DEVICE,CONE PENETROMETER,IS 2720,PART-5	Nos	1
Railway	MISC Assets	GAUGE,INDEX TEST,FLAKINESS AND ELONGATION,IS 2386	Nos	1
Railway	MISC Assets	STRAIGHT EDGE,12 INCH LG,IS 2720,PART-8	Nos	1
Railway	MISC Assets	MOULD,PROCTOR,STANDARD COMPACTION,125 MM ID X 150 MM HEIGHT,MS,IS-2720,RAMMER,COLLAR,PLATE	Nos	1
Railway	MISC Assets	WIRE BASKET,4.75MM,IS2386	Nos	2
Railway	MISC Assets	CYLINDER,MEASURING,15000 ML,PVC	Nos	1
Railway	MISC Assets	WASH BOTTLE,ETHANOL,LDPE,500 GMS	Nos	5
Railway	MISC Assets	HOT AIR OVEN,TEMP 300 DEG C,SENSITIVITY 10 DEG C,CAPACITY 250 LTR	Nos	1
Railway	MISC Assets	PLATE,300 X 300 MM CENTRE HOLD 150 MM,IS 2720 P28	Nos	2
Railway	MISC Assets	TIN,MOISTURE SAMPLE,200 ML CAPACITY,ALUMINIUM,IS 2720 P5	Nos	24
Railway	MISC Assets	WEIGH BALANCE,SUSPENSION TYPE,20 KG CAPACITY, ACCURECY 1 GMS,FOR WEIGHT IN WATER,AS PER IS 2385 P3	Nos	1
Railway	MISC Assets	GLASS PLATE,250 X 250 X 12 MM	Nos	2
Railway	MISC Assets	ROD,STAINLESS STEEL,3 MM DIA	Nos	2
Railway	MISC Assets	DENSITY OF SOIL IN-PLACE BY SAND CONE METHOD (2 COMPLETE SET),AS PER IS 2720 PART 28	Nos	4
Railway	MISC Assets	JUG,GLASS,FOR SAND CONE	Nos	2
Railway	MISC Assets	DISH,EVAPORATING,100 ML CAP,90 MM DIA	Nos	2
Railway	MISC Assets	DIGITAL WEIGHING MACHINE,3KG - 0.1 GMS	Nos	1
Railway	MISC Assets	DIGITAL WEIGHING MACHINE,500 GMS - 0.01 GM	Nos	1
Railway	MISC Assets	MOULD,CUBE,150 x 150 MM,CI,IS 516,IS 10086	Nos	60

Annexure 8.1.1
CMRL Project (Batching Plant)- RFP Tamil Nadu

S.No	Category	Descriptions	Unit	Qty
Railway	MISC Assets	GI COARSE SIEVES WITH POWER COATING IN SIZE FORM 100MM,80,75,63,53,50,45,40,37.5,31.5,26.5,22.4,20,16,13.2,12.5,11.2,10,LID & PAN	Nos	18
Railway	MISC Assets	BRASS FINE SIEVES #4, #8, #16, #30, #40, #50, #100, #200	Nos	8
Railway	MISC Assets	COMPRESSION TESTING MACHINE,2000 KN,DIGITAL TYPE	Nos	1
Railway	MISC Assets	LAB TYPE PAN MIXER-40 LITER	Nos	1
Railway	MISC Assets	DIGITAL WEIGHING BALANCE 50 KG	Nos	1
Railway	MISC Assets	CBR Apparatus	Nos	1
Railway	MISC Assets	10kgs Electronic balance	Nos	2
Railway	MISC Assets	500 Gms Electronic balance	Nos	1
Railway	MISC Assets	HOT AIR OVEN,	Nos	2
Railway	MISC Assets	SLUMP TEST APPRATUS,COMPLETE UNIT	Nos	2
Railway	MISC Assets	Bulk Density cylinder (3,15,30 Ltr Cap)	Nos	3
Railway	MISC Assets	Proctre Mould (2250cc)	Nos	6
Railway	MISC Assets	Proctre Mould (1000cc)	Nos	3
Railway	MISC Assets	Proctor Hammer (4.89Kg)	Nos	2
Railway	MISC Assets	Falkiness Gauge	Nos	1
Railway	MISC Assets	Elangation Gauge	Nos	1
Railway	MISC Assets	Motor Cube Vibrating Machine	Nos	1
Railway	MISC Assets	CBR Moulds	Nos	12
Railway	MISC Assets	Pycnometer Bottle (1000 ml Cap)	Nos	3
Railway	MISC Assets	Cube Moulds 7.06 cm	Nos	15
Railway	MISC Assets	GI Sieves 450mm dia 40mm	Nos	3
Railway	MISC Assets	GI Sieves 450mm dia 20mm	Nos	3
Railway	MISC Assets	GI Sieves 450mm dia 12.5mm	Nos	2
Railway	MISC Assets	GI Sieves 450mm dia 10mm	Nos	5
Railway	MISC Assets	GI Sieves 450mm dia 4.75mm	Nos	1
Railway	MISC Assets	Pan and Cover	Nos	3
Railway	MISC Assets	WEIGHT,BALANCE,20 KG,CAST IRON,IS 10560	Nos	1
Railway	MISC Assets	VICAT APPS	Nos	1
Railway	MISC Assets	PERMEABILIT APPS	Nos	1
Railway	MISC Assets	AIR COMPRESSOR FOR PERMEABILITY APP	Nos	1
Railway	MISC Assets	AIR CONTENT TEST APPARATUS OF FRESH CONCRETE	Nos	1
Railway	MISC Assets	AGGREGATE IMPACT VALUE APPARATUS	Nos	1
Railway	MISC Assets	PH METER TABLE TOP	Nos	1
Railway	MISC Assets	SIEVE,PERFORATED,200 MM,1 MM MESH,BRASS,IS 460	Nos	12
Railway	MISC Assets	TRAY,ENAMEL,300 X 250 X 40 MM,GALV	Nos	9
Railway	MISC Assets	CALCIUM CARBIDE,POWDER	Nos	10
Railway	MISC Assets	CYLINDER MEASURING,15000 ML,GI,IS 2386	Nos	3
Railway	MISC Assets	METER,RAPID MOISTURE,0 - 50%,IS 2720 PART 2,WITH CALCIUM CARBIDE	Nos	2

Annexure 8.1.1
CMRL Project (Batching Plant)- RFP Tamil Nadu

S.No	Category	Descriptions	Unit	Qty
Railway	MISC Assets	HAMMER,2 LBS,MS	Nos	1
Railway	MISC Assets	SCALE,12 INCH,STEEL	Nos	1
Railway	MISC Assets	Steel Almirah		1
Railway	MISC Assets	Steel Almirah		1
Railway	MISC Assets	Steel Almirah		1
Railway	MISC Assets	Steel Almirah		1
Railway	MISC Assets	STEEL COT		9
Railway	MISC Assets	40 FEET X 8 FEET X 8.6 FEET MS STORE CONTAINER-USED		1
Railway	MISC Assets	40 FEET X 8 FEET X 8.6 FEET MS STORE CONTAINER-USED		1
Railway	MISC Assets	Steel Cot 6 X 3		4
Railway	MISC Assets	Steel Cot 6 X 3		3
Railway	MISC Assets	Steel slotted angle rack of size 7 x 3 x 1.5 having x plates. (18 Gauge).		30
Railway	MISC Assets	Compressor testing Machine		1
Railway	MISC Assets	20.FEET OFFICE CONTAINER		1
Railway	MISC Assets	BOLERO CAMPER		1
Railway	MISC Assets	FRIDGE WHIRLPOOL(190 LTR)		1
Railway	MISC Assets	MD CHAIR MODEL -115 LETHEAR FINISH WITH SOFT CUSHION		4
Railway	MISC Assets	OFFICE CHAIR MODEL NO 805 MESH BACK WITH MOULDED FOAM SEAT		30
Railway	MISC Assets	OFFICE TABLE 1500X 750 25MM THICK PRELAMINATED PARTICAL BOARD		4
Railway	MISC Assets	EXECUTIVE TABLE MAIN UNIT SIZE 1800X750MM WITH 3 DRAWERS 25MM THICK		1
Railway	MISC Assets	MD CHAIR MODEL -111 LETHEAR FINISH WITH SOFT CUSHION		1
Railway	MISC Assets	SOFA (3SEATER) Foam/Wood		1
Railway	MISC Assets	(6'x3')4" SINGLE FOAM BED		15
Railway	MISC Assets	SOFA (3SEATER) Steel		1
Railway	MISC Assets	Excecutive Table Post forming Top size-6' X 3'		1
Railway	MISC Assets	AIR CONDITIONER,SPLIT,2.0 TR CAPACITY,		1
Railway	MISC Assets	AIR CONDITIONER,SPLIT,1.0 TR CAPACITY,		2
Railway	MISC Assets	AIR CONDITIONER,SPLIT,1.5 TR CAPACITY,		1
Railway	MISC Assets	AIR CONDITIONER,SPLIT,1.0 TR CAPACITY,		3
Railway	MISC Assets	AIR CONDITIONER,SPLIT,1.5 TR CAPACITY,		3
Railway	MISC Assets	CONTROL PANNEL, 20 AMP		2
Railway	MISC Assets	COTTON PILLOW		10
Railway	MISC Assets	Office & QC Lab Construction at Batching Plant area		1
Railway	MISC Assets	Construction of Labour Camp		1
Railway	MISC Assets	Base camp & Plants Errection works		1
Railway	MISC Assets	Sump & Ramp works at Batching Plant		1

Annexure 8.1.1
CMRL Project (Batching Plant)- RFP Tamil Nadu

S.No	Category	Descriptions	Unit	Qty
Railway	MISC Assets	Silo Foundation & other works at Bathing Plant		1
Railway	MISC Assets	Batching Plant office & QC Lab works		1
Railway	MISC Assets	Road & Drain work at Batching Plant Area		1
Railway	MISC Assets	Labour Camp Constructio		1
Railway	MISC Assets	Labour Camp works		1
Railway	MISC Assets	Constuction of Labour Camp		1
Railway	MISC Assets	Constuction of Labour Camp		1
Railway	MISC Assets	Borewell works at camps		1
Railway	MISC Assets	Borewell works at camps		1
Railway	MISC Assets	Borewell works at camps		1
Railway	MISC Assets	Borewell works at camps		1
Railway	MISC Assets	Borewell works at camps		1
Railway	MISC Assets	Tools and implements		1
S&S				
Railway	S&S	BRACKET	Nos	100
Railway	S&S	BRACKET	Nos	10
Railway	S&S	ADJ ACRO PROP	Set	450
Railway	S&S	H-FRAME - GI	Nos	350
Railway	S&S	CUPLOCKS VERTICAL	Nos	150
Railway	S&S	CUPLOCKS VERTICAL	Nos	10
Railway	S&S	CUPLOCKS VERTICAL	Nos	200
Inventory				
Railway	Inventory	PICKAXE,WITHHANDLE		
Railway	Inventory	CABLELUG,RINGTYPE,ALUMINIUM,25MM2		
Railway	Inventory	SOCKET,REDUCER,GI,4X212INCH	NUM	1.00
Railway	Inventory	SPRINKLERIRRIGATIONSYSTEM	NUM	4.00
Railway	Inventory	RESPIRATORS,NOSEMASK	NUM	208.00
Railway	Inventory	THREAD,PACKING,COTTON	ROL	56.00
Railway	Inventory	TEE,EQUAL,GI,1INCH,MEDIUM,TE	NUM	10.00
Railway	Inventory	BLUE,ROBIN	KG	1.00
Railway	Inventory	BRUSH,PAINTING,4INCH	NUM	6.00
Railway	Inventory	LIGHTERSTONE	NUM	11.00
Railway	Inventory	WASTE,COTTON	KG	39.00
Railway	Inventory	DUSTBIN,PVC	NUM	1.00
Railway	Inventory	NAIL,WIRE,4INCH	KG	48.00
Railway	Inventory	NAIL,WIRE,112INCH	KG	53.00
Railway	Inventory	NAIL,WIRE,3INCH	KG	18.00
Railway	Inventory	THINNER	LTR	49.00
Railway	Inventory	JUTE	KG	15.00
Railway	Inventory	CLAMP,HOSE,GI,03INCH	NUM	10.00
Railway	Inventory	CLAMP,HOSE,GI,04INCH	NUM	8.00
Railway	Inventory	FILE,FLATROUGH,12INCH	NUM	1.00
Railway	Inventory	FILE,FLATSMOOTH,12INCH	NUM	1.00
Railway	Inventory	GUMBOOT	PRS	52.00
Railway	Inventory	WASHER,PLAIN,MS,ASSORTED	KG	5.00

Annexure 8.1.1
CMRL Project (Batching Plant)- RFP Tamil Nadu

S.No	Category	Descriptions	Unit	Qty
Railway	Inventory	UMBRELLA	NUM	9.00
Railway	Inventory	HOSE,SUCTION,PVC,4INCH	MTR	18.00
Railway	Inventory	SAFETYJACKET,WITHFLUORESCENTSTRIPS	NUM	115.00
Railway	Inventory	TUBE,PVC,8MM	MTR	160.00
Railway	Inventory	EARPLUG,WITHCHORD	PRS	16.00
Railway	Inventory	HANDGLOVES,5FINGERS,COTTON,8INCH	PRS	115.00
Railway	Inventory	SAFETYGOOGLES	NUM	23.00
Railway	Inventory	MUFF,EAR	PRS	5.00
Railway	Inventory	SAFETYSHOE,RUBBER,ASSORTED	PRS	34.00
Railway	Inventory	WHISTLE,SAFETY	NUM	24.00
Railway	Inventory	FIRSTAIDKIT	KIT	8.00
Railway	Inventory	WIREROPE,60082736,H125,BATCHINGPLANT	NUM	1.00
Railway	Inventory	GLASS,WELDING,314INCH,9DIN,BLACK	NUM	12.00
Railway	Inventory	CLAMP,HOSE,GI,6INCH	NUM	13.00
Railway	Inventory	OIL,HYDRAULIC,HD68,CASTROL	LTR	178.00
Railway	Inventory	GEAR OIL,80W90,GEAR GARDEP,500518,VALVOLINE	LTR	151.00
Railway	Inventory	STAND,FIREBUCKET,4FT,MS,4BUCKET	NUM	15.00
Railway	Inventory	LUXMETER,RANGE050000LUX,DIGITAL,LCDTYPE	NUM	2.00
Railway	Inventory	PAD,SHOULDER,LEATHER	NUM	66.00
Railway	Inventory	ANCHORFASTENER,M16X175MM,WASHER,1500KG,PAS SENGERHOIST	NUM	56.00
Railway	Inventory	GREASE,MULTIPURPOSE,S1V1603,SHELL	KG	171.00
Railway	Inventory	HOLE,SAW,CUTTER,MS,2,12INCH	NUM	1.00
Railway	Inventory	PAINTENAMEL,FIROZABLU	LTR	96.00
Railway	Inventory	GULFGEAR,EP80W90,GL4	LTR	7.00
Railway	Inventory	REMOVER,DPSET,MAKECHECKMATE	NUM	2.00
Railway	Inventory	PENETRAT,DPSET,MAKECHECKMATE	NUM	2.00
Railway	Inventory	HELMETREFILL,MAKEKARAM,FIBRE	NUM	148.00
Railway	Inventory	SHEET,LDPE,BLACK,350MICRON	KG	306.50
Railway	Inventory	ROPECLAMP25MM	NUM	6.00
Railway	Inventory	GASKET,RUBBER,4INCH	NUM	24.00
Railway	Inventory	WIREROPESILING,STEEL,25MMX8MTR	NUM	4.00
Railway	Inventory	ELECTRODE,WELDING,4MM,450MM,E7018	PKT	1.00
Railway	Inventory	LAMP,TUBELIGHT,36W	NUM	10.00
Railway	Inventory	GASKET,RUBBER,8INCH	NUM	56.00
END				