

Annexure- B to Addendum-II - (Item at Sl. No. 04)**Proposed Vendor List For MEP Works:**

Sl. No.	Item	Proposed vendor List for NMRCL
<b>Vendor List for Electrical items:</b>		
1.1	MS/GI Conduits ISI embossed black enamelled / galvanized	AKG BEC,
1.2	MS/GI Conduit accessories superior type as per approved samples	Sharma Sales Corporation Super Sales Corporation
1.3	PVC rigid conduit and accessories ISI embossed	BEC, AK
1.4	PVC flexible conduit and accessories	PMA-SSK
1.5	MS Raceways and raceway accessories.	V K Industries Steelways
1.6	Cable trays & Cable ladder	Indo Asian Profab Patny Innospacer Rattan Omcara Emco Mahaveer,kalkatta Technofab Engineers Sunrise Electrical Industries M K Industries Sai Cable Tray Pinnacle metals
<b>2</b>	<b>Wires, cables and cable accessories</b>	
<b>2.1</b>	<b>Wires</b>	
2.1.1	1100 volt grade FRLSZH /FR PVC insulated stranded copper conductor wires	Finolex Polycab Bon Ton KEI RR cable Anchor RPG Universal Leoni Lapp
<b>2.2</b>	<b>1100 volt grade Cables</b>	
2.2.1	1100 volt grade ,armoured, XLPE FRLSZH/Fire Resistant cable, Copper/Aluminium	Poly cab Havells Finolex KEI

	Conductor cables	RR cable Anchor RPG Universal Leoni Lapp Cords Rallison Govind cables
<b>2.3</b>	<b>Cable Accessories</b>	
2.3.1	1100 volts Doubles compression brass cable glands	Dowells, Peeco, Comet Siemens
2.3.2	1100 volts Doubles compression PVC cable glands	Trinity Touch (Jacob)
2.3.3	1100 volt Cable lugs	Dowell's (Biller India Pvt. Ltd)
2.3.4	Terminal blocks & cage clamps	ELMEXX, PHOENIX, WAGO, Connectwel
<b>3</b>	<b>Wiring accessories</b>	
3.1	Modular grid plate wiring accessories (switches, socket outlets bells etc.) with boxes.	Siemens Honeywell Wraparound Plus Legrand Mosaic
3.2	Metal clad Socket Outlets with boxes	Anchor MK Legrand Crabtree
3.3	Under floor junction boxes and cable management system	Legrand
3.4	Weather Proof plugs and sockets (IP 65 / 66)	Neptune Legrand
<b>4.</b>	<b>Distribution equipment</b>	
<b>4.1</b>	<b>Switchgear</b>	
4.1.1	MCB's/RCCB's	L&T, GE, ABB, Siemens, Schneider, Merlin Gerin
4.1.2	Earth leakage circuit breaker	L&T, GE, ABB, Siemens, Schneider, Merlin Gerin
4.1.3	Timers in Distribution Boards	L&T, GE, ABB, Siemens, Schneider, Merlin Gerin
4.1.4	Distribution Boards	Schneider Siemens Legrand Lexic
<b>4.2</b>	<b>Circuit Breakers</b>	
4.2.1	Moulded Case Circuit Breakers, Motor protection circuit breaker	L&T, GE, ABB, Siemens, Schneider, Merlin Gerin

4.2.2	Switch Fuse Units and Isolators	L&T, GE, ABB, Siemens, Schneider, Merlin Gerin
4.2.3	Change over switch / Isolators	L&T HH Elcon
4.2.4	Air Circuit Breaker	L&T, GE, ABB, Siemens, Schneider, Merlin Gerin
4.2.5	Automatic transfer switch (ATS)	Tricolite ASCO Cummins Socomac
4.2.6	Power/auxiliary, Capacitor control Contactors, overload relays	L&T, GE, ABB, Siemens, Schneider, Merlin Gerin
4.2.7	MPP heavy duty Capacitors	Siemens (Epcos), Neptune Ducati
<b>4.3</b>	<b>Accessories</b>	
4.3.1	Protection relays electromechanical	Areva, ABB, L&T,
4.3.2	Protection Relays Numeric	Areva, ABB, Siemens
4.3.3	APFC relay 3 phase	L&T, Ducati Neptune Konzerv,
4.3.4	Single phase preventer, overload relays	Siemens ABB, Schneider Electric,
4.3.5	Current Transformer	Gillbert & Maxwell, Precise, AE,
4.3.6	Control / Potential Transformer	Gillbert & Maxwell, Precise, AE
4.3.7	Push Buttons, Indicating lamps LED	L&T, GE, Siemens, Schneider,
4.3.8	Selector switches	L&T, Siemens,
4.3.9	Instruments – analogue	L&T Rishab, AE,
4.3.10	Digital meters	L&T, Schneider,
4.3.11	Power and harmonic analyzer	Konzerv Secure Neptune Ducati
4.3.12	Programmable Logic Controller (PLC)	Allen Bradley, Siemens
<b>4.4</b>	<b>LT 415 volt switchboards</b>	
4.4.1	Main LT switchboards PLC Panels Capacitor Panels Floor LT panels	Dricolite, EMCO Switchgear, Power control, Bajaj, Lotus,

		Pragathi control, Pyrotech
<b>5.</b>	<b>Bus Trunking</b>	
5.1	Lighting Bus Trunking	Dricolite, EMCO Switchgear, Power control, Bajaj, Lotus, Pragathi control, Pyrotech
<b>6.</b>	<b>Light Fixture &amp; Accessories</b>	
6.1	Light fittings	Philips, Wipro, GE
6.2	Area Lighting Masts	Wipro, Philips, GE
6.3	Circulator fans/exhaust fans	Crompton Greaves, Orient, Khaitan, Almonard
6.4	Lighting Control system	Hubbell, Dynalite, Wipro
6.5	Ceiling Fans	Crompton Greaves, Orient, Khaitan
6.6	LED	Nichia, Lumileds, Citizen, Cree, LG
<b>7.</b>	<b>UPS System</b>	
7.1	UPS System	Emerson Delta Socomac Hireal
7.2	UPS Battery	Exide, Farukawa, Standard, Aamaraja
<b>8.</b>	<b>Miscellaneous Sub Station equipment</b>	
8.1	Rubber mats	
8.2	CO2 Fire extinguishers	Fire Traces Tyco
8.3	Battery banks maintenance free VRLA	HBL Nife Exide, Amar Raja, Standard Furukawa
8.4	Battery charger	HBL Nife AE Caldyne, Amar Raja
<b>9</b>	<b>Miscellaneous</b>	
9.1	Anchor Fastener	Hilti, Fisher
9.2	Welding rods	Advani Oerlikon L&T
9.3	Paints	ICI, Asian, Shalimar
9.4	Fire sealing material	Hilti Birla 3M Roxtec
10	BMS / SCADA	GE

		Honey well Mitsubishi Siemens Rockwell Automation ABB
11	DG SET	Sudhir Powerica Mahindra Jackson
<b>Vendor List for Fire Fitting Systems:</b>		
1	Fire hydrant valves	Inter Valves Lehary Kartar Zotoisi Sant
2	Piping	TATA ,Jindal, Apollo, Values
3	Fire hose pipes with Stainless Steel coupling	New Age Ind. CRC Jayshree
4	Rubber hose reel	Jyoti Maruti
5	First aid fire hose reels	
6	Fire extinguishers	Minimax Safex
7	Sprinkler heads	
	(a) Sidewall type	
	(b) Sprinkler intelligent (auto start / shut)	Tyco Reliable Grinnell
8	Horizontal centrifugal pumps	Kirlosker WILO KSB Groundfas Becon CRI
9	Electric motors	Siemens, KEC, CGL
10	Electrical switch gear & starter	As per electrical works
11	Cables	As per electrical works
12	Flow switch	System Sensor, Potter
13	Suction strainer	Leader / Zoloto
14	Vibration eliminator connectors	Resistoflex
15	Fire alarm detectors	Edwards Notifier
16	Panel Flooding(CO2)	FireDe Tech Fire Traces

<b>Vendor list for HVAC System</b>		
1	VRV Unit	Toshiba Blue star Voltas Daikin Mitsubishi
2.	Fans	Flakt, Kruger, System Air, Marathon
3	Grille/diffuser and fire damper	Caryaire, Ravistar, Air Flow
4	Factory fabricated ducting	Rolastar, Zeco, Techno Fabriduct
5	Fiber glass Insulation	UP Twiga, Kimco, Owens Corning
6	Anchor Fasteners	Hilti, Fischer
7	MS/GI Conduits ISI embossed black enamelled / galvanized	As per Electrical works
8	Cable trays & Cable ladder	As per Electrical works
9	1100 volt grade XLPE Insulated Aluminium Conductor cables	As per Electrical works
10	1100 volts Doubles compression brass câble glands	As per Electrical works
11	MCB's/RCCB's	As per Electrical works
12	Moulded Case Circuit Breakers, Motor protection circuit breaker	As per Electrical works
13	Main LT switchboards PLC Panels Capacitor Panels Floor LT panels	As per Electrical works

14	Electrical motors	CGL, Siemens, KEC
15	Welding rods	Advani Oerlikon, L&T
<b>Vendor list for Public Health Engineering</b>		
1	Sanitary Fittings	Parryware Jaquware Hindware
2	Water Cooler	Blue star Daiken Volts
3	Water heater	Bajaj Smith
4	Piping	TATA Jindal Apollo Values
5	Horizontal centrifugal pumps	Kirlosker WILO KSB Groundfas Becon CRI
6	Valves	Inter Valves Lehary Kartar Zotoisi Sant