Maharashtra Industrial Township Limited (MITL)

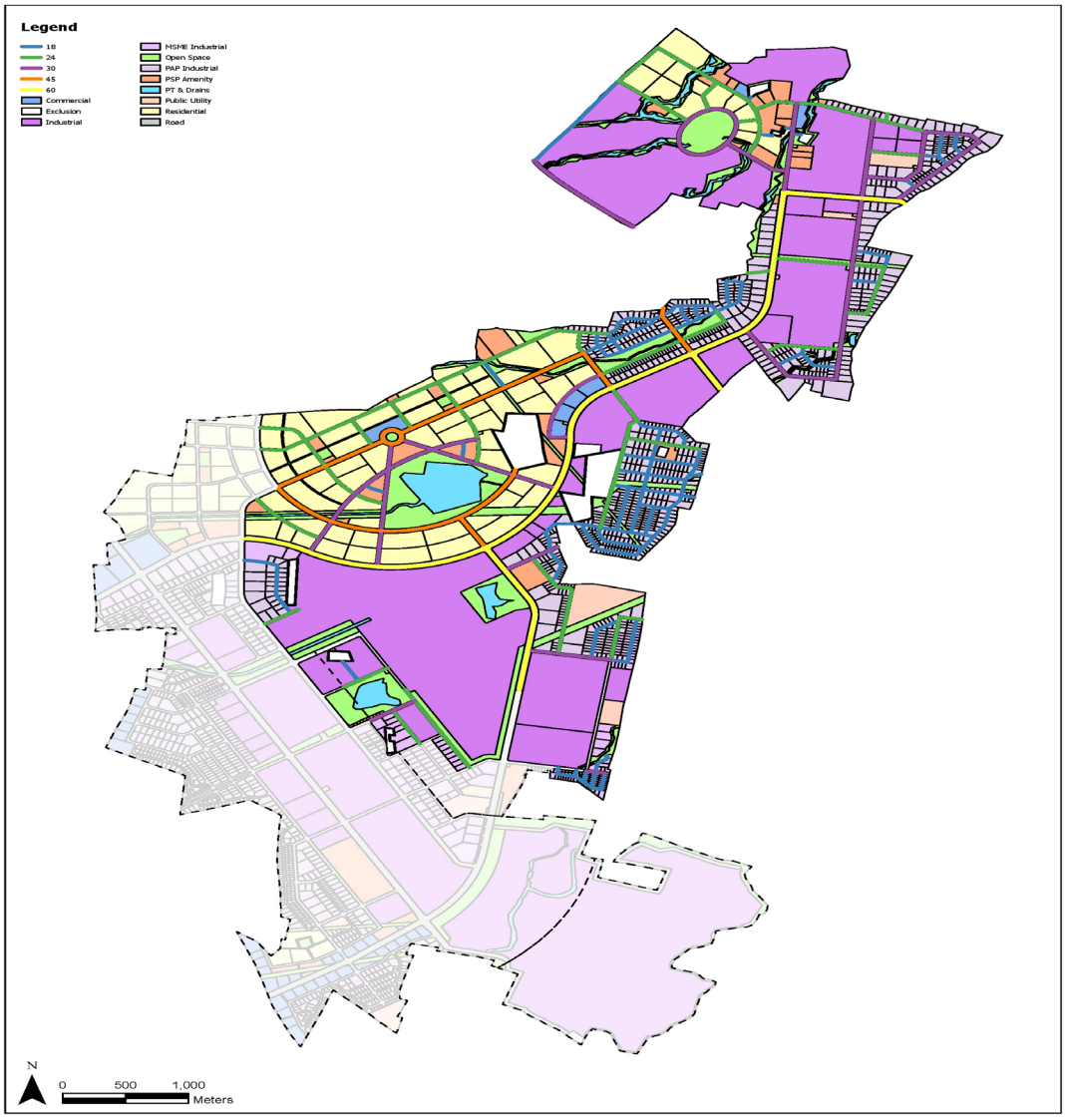
Design, Construction, Testing, Commissioning, Operation and Maintenance of Infrastructure Works at AURIC - Bidkin Industrial Area (BIA), Sector B & C on EPC Basis

Request for Proposal cum Request for Qualification

Volume II - Technical Specifications

Part I - Approved Vendor List

November 2026



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Disclaimer

This Tender is not an Agreement and is neither an offer nor invitation by the Employer to the prospective Bidders or any other person. The information contained in this tender document or subsequently provided to Bidder(s), whether verbally or in documentary or any other form by or on behalf of the Employer or any of its employees or advisors, is provided to Bidder(s) on the terms and conditions set out in this tender and such other terms and conditions subject to which such information is provided.

The purpose of this tender is to provide interested parties with information that may be useful to them in making their financial offers (BIDs) pursuant to this tender. This tender includes statements, which reflect various assumptions and assessments arrived at by The Employer in relation to the Project. Such assumptions, assessments and statements do not purport to contain all the information that each Bidder may require. This tender may not be appropriate for all persons, and it is not possible for the Employer, its employees or advisors to consider the objectives, financial situation and particular needs of each party who reads or uses this tender. The assumptions, assessments, statements and information contained in the Bidding Documents, especially the Preliminary Design details/ information, may not be complete, accurate, adequate or correct. Each Bidder should, therefore, conduct its own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments, statements and information contained in this tender and obtain independent advice from appropriate sources.

Information provided in this tender to the Bidder(s) is on a wide range of matters, some of which may depend upon interpretation of law. The information given is not intended to be an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The Employer accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed herein.

The Employer, its employees and advisors make no representation or warranty and shall have no liability to any person, including any Applicant or Bidder under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this tender or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the tender and any assessment, assumption, statement or information contained therein or deemed to form part of this tender or arising in any way for participation in this Bidding Process.

The Employer also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Bidder upon the statements contained in this tender.

The Employer may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this tender. The issue of this tender does not imply that the Employer is bound to select a Bidder or Contractor, as the case may be, for the Project and The

Employer reserves the right to reject all or any of the Bidders or Bids without assigning any reason whatsoever.

The Bidder shall bear all its costs associated with or relating to the preparation and submission of its BID including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by The Employer or any other costs incurred in connection with or relating to its BID. All such costs and expenses shall remain with the Bidder and The Employer shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a Bidder in preparation or submission of the BID, regardless of the conduct or outcome of the Bidding Process.

Nothing in this tender shall constitute the basis of a contract which may be concluded in relation to the Project nor shall such documentation/information be used in construing any such contract. Each Bidder must rely on the terms and conditions contained in any contract, when, and if, finally executed, subject to such limitations and restrictions which may be specified in such contract.

The Bidders are prohibited from any form of collusion or arrangement in an attempt to influence the selection and award process of the Bid. Giving or offering of any gift, bribe or inducement or any attempt to any such act on behalf of the Bidder towards any officer/employee of Employer or to any other person in apposition to influence the decision of the Employer for showing any favour in relation to this tender or any other contract, shall render the Bidder to such liability/penalty as the Employer may deem proper, including but not limited to rejection of the Bid of the Bidder and forfeiture of its Bid Security.

Laws of the Republic of India are applicable to this tender.

Each Bidder’s procurement of this tender constitutes its agreement to, and acceptance of, the terms set forth in this Disclaimer. By acceptance of this tender, the recipient agrees that this tender and any information herewith supersedes documents(s) or earlier information, if any, in relation to the subject matter hereto.

1 Approved Vendors for Utilities

1.1 Mechanical

Sl	Equipment Description	Vendor List	Inspection Category
A	**Mechanical Equipment**		
1.	Submersible Pumps	Grundfos/ Xylem/ ABS (Sulzer)/ KSB/ KBL/ Aqua/ Flygt	A
2.	Horizontal Centrifugal Pumps	Grundfos / Sulzer/ Wilo/ KSB/ Flowserve/ Kirloskar	A
3.	Dosing Pumps	Prominent / Milton Roy/ Aldos (Grundfos)/ Aqua	B
4.	Electrical Chain Hoist	Demag/ Kone cranes (Morris)/ ElectroMech (Stahl)/ Indef (Hercules)/ WH Brady	B
5.	EOT Crane	Demag/ Kone cranes (Morris)/ ElectroMech (Stahl)/ Indef (Hercules)/ WH Brady	B
6.	Lifting Davit Crane	Thern / Vector Lifting/ Reid Lifting	B
7.	Penstocks	Hambaker Adams/ KWT/ Waterfront/ IBS Engineering /CTV/ JASH	B
B	**Pipes**		
1.	DI	Jindal / Electro Steel / Tata Kubota	A (Random samples)
2.	GRP	EPP Composites/ CPP/ Pacific/ Amiantit/ Hobas	B
3.	HDPE	Sairoop/Jain Irrigation/ Georg Fischer/ Dutron/ Sangir	B
4.	SS 316/304	Maharashtra Seamless/ Jindal/ Ratnamani/ Navbharat/ REMI	B
5.	UPVC	Georg Fischer/ Astral/ Jindal/ Supreme/ Finolex	B
6.	PVC	Georg Fischer/ Astral/ Jindal/ Supreme/ Finolex	B
C	**Valves**		
1.	Butterfly Valves	Kirloskar Brothers Ltd / Indian Valve Company / AV / VAG / Tyco Valves and Controls / Weir valves & control (Batley valve)/Gaer/Audco	A
2.	Gate Valves	Kirloskar Brothers Ltd / Indian Valve Company / AV /VAG/Gaer/Audco	B
3.	Knife Edged Gate Valves	Kirloskar Brothers Ltd / Indian Valve Company / AV /VAG / Fouress/ Gaer/JASH	B
4.	Ball Valves	Valtrock/ Pentair/ Fluidtech valves/ Aira/ Gaer	B
5.	Non return valves	Kirloskar Brothers Ltd / Indian Valve Company / AV/ VAG/ Gaer	B
6.	Solenoid Valves	Mac/ Asco numatics/ Herion werke / Versa BV	B
7.	Pressure Reducing Valves	Kirloskar/ JASH/ VAG/ CIRI Technologies	B
8.	Biogas H2S Scrubber	Tind Bgastech/ Liku-tech/ Waterleau	A

1.2 Instrumentation Control and Automation

Sl	Equipment Description	Vendor List	Inspection Category
1.	Pressure transmitters	ABB / Rosemount (Emerson) / Honeywell / Yokogawa / Fuji Electric/ Siemens//Endress & Hauser/Brasten / Aplisens / Huba	A
2.	Level Transmitters	ABB / Rosemount (Emerson) / Honeywell / Yokogawa / Fuji Electric/ Siemens//Endress & Hauser/ EIP/Brasten / Aplisens / Huba	A
3.	Flow meters	Krone Marshall / ABB / Endress & Hauser / Yokogawa / Emerson/ EIP/Brasten / Leomi/ Bronkhorst / Katronics/ Trimec	A
4.	Air flow meter	Rosemount (Emerson) / /Yokogawa / ABB / Endress & Hauser/ Krohne Marshall/Brasten / Leomi	A
5.	Level Indicator/gauges	Chemtrol/ Forbes Marshall / Mobrey / Solatron / HiTech (Levelstate) EIP/Brasten /MTS	B
6.	Temperature gauges	WIKA/Ashcroft/ Budenberg / MTS	B
7.	Analyzer	Scan/E&H/Emerson / Yokogawa/ Brasten/Seibold / Multisensor	A
8.	Electric Actuators	AUMA/Rotork/Emerson/ Limitorque	B
9.	PLC and SCADA System for Water Utility	Honeywell / Siemens /GE Fanuc/ Rockwell/ Phoenix Contact, Lauritz knudsen	A
10.	Optic Fibre Cables	Delink / Cords / RR Cable / Icon / Aksh	B
11.	LT/Control Panels Enclosures,JBs/DB Enclosures	Rittal/ Siemens/ Schneider/ Enclotek/ Cubic/ RST/ Brilltech / Kveetech	B
12.	HMI	Siemens, Schneider, Mitsubishi Omron, ABB, Phoenix Contact, Lauritz knudsen	B
13.	PLC System Integrators	Nacole/ Dyanamic/ Reckers/ Max Engg/ Adarsha/ Chavare/ Adaya/ Wisdom techno Solutions/ Kveetech / SIA Engg./Trupti Automation/Simective presciant automation,	A
14.	Lab Instruments	Sawant/ Errand/ Brasten/ E & H/ Hach	B

1.3 Electrical Equipment

Sl	Item/equipment	List of Makes of various equipment's	Inspection Category
1.	Power Transformers (Up to 12.5MVA, 33kV/11kV Class)	/Andrew Yule & Company Limited/ VoltAmp/ T&R/ ABB/ Siemens/ Mitsubishi/ Schneider Electric/ CG Power/ Tesla/Bharat Bijlee/Power Star/Kirloskar (The manufacturer shall preferably be on the MSEDCL-approved vendor list)	A
2.	Power Transformer	Yash High Voltage Insulator Pvt Ltd./ ABB	A

Sl	Item/equipment	List of Makes of various equipment's	Inspection Category
	Bushings (72.5kV)	AG / GIPRO GmbH / Trench Group/ VoltAmp/ T&R/ ABB	
3.	On Load Tap changer (Up to 66kV Class Power Transformers)	Easun MR Tap changers Pvt Ltd / CTR Manufacturing industries Ltd / CG Power systems/ VoltAmp/ T&R/ ABB	A
4.	Nitrogen Injection Fire Protection System	CTR Manufacturing Industries Ltd / Tri-Parulex/ Tectonics Services (India) Pvt. Ltd/ Nitin fire protection industries / Sakthi fire protection	B
5.	LT (1.1kV) copper Control cables	SBEE cables (India) Limited / KEI Industries Ltd / Apar Industries Ltd / Paramount Communications Ltd / Polycab India Limited / KEC International Limited / Havells/ Prime Cables Industries Pvt. Ltd/ Universal/ Finolex/ NICCO/ DICABS.	A
6.	LT (1.1kV) power cables (above 6 sq. mm (4 core) to 240 sq. mm (3.5 core) XLPE)	SBEE cables (India) Limited / KEI Industries Ltd / Apar Industries Ltd / Paramount Communications Ltd / Polycab India Limited / KEC International Limited / Havells/ Prime Cables Industries Pvt. Ltd/ Universal/ Finolex/ NICCO/ DICABS.	A
7.	HT 11kV/33kV UG XLPE Cable	M/s. KEI Industries Ltd / M/s. Apar Industries Limited / M/s. Universal Cables Limited / Ms. Havells/ M/s. Polycab India Limited / Asian Cable / M/s. SBEE Cables (India) Limited /NICCO/ /DICABS.	A
8.	11kV GIS	ABB/ Siemens/ Schneider/CGL	A
9.	33kV GIS	ABB/ Siemens/ Schneider	A
10.	11kV/33kV Ring Main Unit (RMU)	ABB / Siemens/ Schneider/ CGL	A
11.	11kV Compact Sub Station (CSS)	ABB / Siemens/ Schneider/ Sudhir Power/Telwane/ Voltamp / Lauritz	A
12.	SCADA System	Honeywell / Siemens/ Allen-Bradley /Schneider	A
13.	DG set (Alternator)	Crompton Greaves / Kirloskar Green/ Stamford / KEC/ Leroy some	A
14.	DG set (Engine)	Cummins/ Kirloskar Green/ Caterpillar/ Penta Volvo /Ashok Leyland /Mahindra & Mahindra/ Perkins	A
15.	Battery Charger	Amara Raja/ Emerson /Borri / Exide	A
16.	Cable Lugs & Glands	Dowells / Barco/ Janson/ Siemens/ Comet	C
17.	Measuring Instruments,	Automatic/ GEC / MECO /AE/ Motwani /	B

Sl	Item/equipment	List of Makes of various equipment's	Inspection Category
	Ammeter, Voltmeter, etc.	Lauritz Knudsen (Formerly L&T)/ Siemens /Industrial meters	
18.	Selector Switches, Rotary Switches	Automatic/ GEC/ MECO/ AE/ Motwani/ Lauritz Knudsen (Formerly L&T) /Siemens /Industrial meters	C
19.	Contactor/starters, LV Swgr	Siemens/ Crompton/ C&S/ Schutz / Lauritz Knudsen (Formerly L&T) / ABB / GE / Schneider/ Indo Asian/ System Integrator like Adroit, Max (Power Tech Swgr)/ E&E/ Mitsubishi	A
20.	Timers- electronic solid state	ABB/ BHEL/ GE/ Jyoti/ Lauritz/ FINDER/ Schutz/ Knudsen (Formerly L&T)/ BCH/ Siemens/ Minilec/ Legrand/ GIC/ C&S	B
21.	ACB/ MCCB /MCB / ELCB/ RCCB/ SFU/ TPN/ Change over switch/ HRC fuses/ MCB Distribution Board	Lauritz Knudsen (Formerly L&T)/MDS/ABB/Crompton Greaves/GE/C&S/ Schutz/ Siemens/ Havells/ IndoAsian / Legrand/ Schneider/ GEC/ Merlin Gerin/ Indokapp/ Mitsubishi	B
22.	HPSV/ HPMV/ MH Street Lighting Fixture	Philips/ Crompton/ Bajaj/ Wipro/ Surya/ GE/ Havells/ Asian/ Mahindra	B
23.	LED streetlight/floodlight fittings	Philips/ Crompton/ Bajaj/ Wipro/ Surya/ GE/ Havells /Asian/ Mahindra	B
24.	Bulkhead fitting	Philips /Crompton/ Lumex / Bajaj / Wipro/ Havells/ Surya	B
25.	LED lamps	Philips/ Osram/ Cree/ Edison / Syska	B
26.	HPSV / HPMV Lamp	Philips/ Crompton/ Bajaj/ Wipro/ Havells/Surya/ GE	B
27.	LED tubes	Philips/ Crompton/ Bajaj/ Wipro/ Havells/ Surya/ GE/ Anchor/ Osram	C
28.	PVC Insulated copper/ Aluminum wire/flat Cable	Polycab/ Finolex/ KEI/ Fort/ Gloster/ CCI/ Asian/ Nicco/ RR cable/ Havells/ L&T/ Jonson/ Torrent	C
29.	Casing capping/ Conduit	Protoplast/ Precision / Modi / Volex / Press Fit / BEC/ AKG/ Finolex /Diamond	C
30.	Holder/ ceiling rose/ switches/ modular switches/ Plug/ sockets	Anchor/ Leader /Cona / Harrison/ Indo Asian/ Legrand/ MK/ Crabtree/ ABB/ Precision /Wipro/ Vinay	C
31.	Bell Buzzer	CONA/ MAX/ Anchor/ Leader/ SSK	C
32.	Exhaust Fan/ Ceiling fan/ Air circulator/ Pedestal fan/ Bracket fan	Crompton Greaves/ Usha/ Orient/ GEC/ Almonard/ Khaitan/ Havells/ Bajaj/ Philips / Polar/ Anchor	C
33.	AC Units / Central ACs	Hitachi / LG/ Samsung/ Voltas/ Blue Star/ Carrier / Godrej/ Mitsubishi	B
34.	Capacitor Bank (11kV & 33 kV Class)	Shreem Capacitors Pvt. Ltd / Universal Cables Ltd / M/s. ABB Limited / Pvt. Ltd / M/s. ABB Power Products and Systems	A

Sl	Item/equipment	List of Makes of various equipment's	Inspection Category
		India Limited/L&T	
35.	Air circulators	Crompton Greaves / Usha / GEC/ Alfa/ Unique/ Almonard/ Khetan/ Bajaj/ Havells	B
36.	Fan regulator	Anchor / Roma/ Rider/ Jainex/ Cona/ Legrand/ Leader/ Crabtree/ MK / Anchor	C
37.	Electronic Energy Meter	L&T/ Siemens/ HPL/ Secure/ Schneider/ Genus/Phoenix Contact	B
38.	Electronic Ballast	Philips/ Crompton/ Bajaj/ Wipro / GE/ Surya/ Havells/ Anchor	C
39.	MS tubular pole	Unique/ Singh profile/ National/ India pole/ Mumbai (Bombay) tube pole/ Laxmi/ Ajay	B
40.	GI Octagonal Pole & High Mast	Philips/Crompton/ Bajaj/ Surya/ Wipro /Valmont/ Trans rail	B
41.	FRP Box	Syntex/ United/ Indo Asian/ National /Siemens / Schutz/ Rittal	B
42.	Transformer (1000 KVA and above), 33/11/0.433kV	Bharat Bijlee/ Kirloskar/ Crompton/ EMCO/ Arava/ ABB/ Siemens/ Mitsubishi/ Schneider Electric/ BHEL/ IMP/ Alstom/ Siemens/ GEC/ Voltas/ Vardhman/ Tesla/ Power Star/Esennar Transformers.	A
43.	Transformer (Up to 750 KVA), 33/11/0.433kV	Bharat Bijlee/ Kirloskar / Crompton/ EMCO/ ABB/ Siemens/ Mitsubishi/ Schneider Electric/ BHEL/ Alstom/ Aditya/ Siemens/ GEC/ Voltas/ NGEF/ Mahati/ Telwane/ Transformer/ Volt–amp/ Vardhman/Power Star/ Esennar Transformers.	A
44.	Cable Termination & Straight Jointing kit (11kV Class)	Raychem/ M-seal (3M)/ Xicon (CCI)/ Mahindra & Mahindra	C
45.	HV/EHV indoor/outdoor Circuit Breakers	Crompton/ ABB/ Siemens/ Schneider/ Alstom (Areva)/ BHEL/ Andrew Yule	A
46.	LT Current Transformers	Pragati/ Kappa/ AE/ Jyoti / C&S/ L&T/ MECO/ Gyro/ Crompton/ Schneider	B
47.	Current Transformers (11kV Class)	M/s. Paras Power Engineering Pvt. Ltd/ Guru son Engineering Enterprises/ GE T&D India Ltd (Formerly Alstom T&D India Ltd)/ Vidyut Control systems Pvt Ltd/ Straton Electricals Private Limited/ Kalpa Electricals Private Ltd/ Sat lore Transformer industries/ Mehru Electrical & Mechanical Engineers (P) Ltd./ Sri Raghavendra Enterprises/ Pragati Electricals Pvt Ltd.	A
48.	Current Transformers	GE T&D India Ltd (Formerly Alstom T&D	A

Sl	Item/equipment	List of Makes of various equipment's	Inspection Category
	(Above 11kV and up to 33kV Class)	India Ltd) / Vidyuth Control Systems Pvt Ltd / Mehru Electrical & Mechanical Engineers (P) Ltd./ Pragati Electricals Pvt Ltd (Up to 110kV)	
49.	Potential Transformers (up to 11kV Class)	Straton Electricals Private Limited/ Vidyuth Control systems Pvt Ltd/ Mehru Electrical & Mechanical Engineers (P) Ltd./ Pragati Electricals Pvt Ltd./ Kalpa Electricals Private Ltd./ Satlore Transformer industries/ Sri Raghavendra Enterprises	A
50.	Potential Transformers (above 11kV and up to 33kV Class)	Vidyuth Control Systems Pvt Ltd / Pragati Electricals Pvt Ltd / Mehru Electrical & Mechanical Engineers (P) Ltd	A
51.	LT & HT Capacitors	Prabodhan/ Universal/ Crompton/ ABB/ BHEL// Lauritz Knudsen(Formerly/ L&T/ EPCOS/ Shreem/ Khatu Junker/Voltas/ Siemens/Schneider	A
52.	Metering Kiosk	ABB/ Hyphen/ Transport/ Transdelta/ Jain Electrical	B
53.	Indication LED Lamp/ Push Buttons	L&T/ Siemens/ C&S/ Teknik / Rishab/ Asiatic/ Controls & Switchgear/ United Electric / Power gear / Pustron/ ABB/ Schutz	C
54.	Panel LED Lights	Finder / Rittal / Schutz / Pfanenberg / Schneider	B
55.	Protection Relay	Alstom (Areva)/ Siemens/ ABB//L&T/ Easun Reyroll/ GE/ Enercon (Conserve)/ CSS	B
56.	Interposing / Control Relay	Allen Bradley / TE Connectivity / Schalten / Finder / ABB / Siemens	
57.	DC Battery	Exide/ Amco/ Okaya/ SF Sonic/ Amaron/ Amar Raja	B
58.	Battery charger	Abhay Electric / Servilink Engineers Pvt Ltd / Statcon Energiaa Pvt Ltd / Usha Rectifier/ Hind Rectifier/ National Engineer Corporation /	A
59.	Panel Hygro-Thermostats and Space Heaters	ABB / Finder / Schutz / Schneider/ Rittal	B
60.	Online UPS, Servo Stabilizer, Inverter	AEI/ BHEL/ Hind Rectifier/ L&T/ NGEF/Siemens/ Hi-rel/ Autometer/ Enertech/ Pyramid/ APC/Dubas/ Luminous/ DIGHI Rotech/ Tata Libert	A
61.	LV Surge Protection Devices	Tyco / Legrand / Finder / Schneider / ABB / Schutz	B
62.	Bearing	SKF/FAG / Bearing Manufacturing India (BMI)	B
63.	Electromagnetic Flow	ABB/ Siemens/ Endress & Houser/Krohne	A

Sl	Item/equipment	List of Makes of various equipment's	Inspection Category
	meter	Marshal/ Electronet/ Nivocontrol/ Mika Machi/ EIP	
64.	HDPE pipes	Jain Irrigation / Kimplas / Timeplast / Duraline/sairoop	C
65.	DI pipes	Jindal / Kobota / Electrosteel / Lanco	C
66.	CRANE & HOIST	Hercules / Electromech / Eddy Cranes / Consolidated Hoist / W H Brady	B
67.	Air Circuit Breakers	ABB/ Alstom/ CGL/ Legrand/ Schneider/ Siemens AG/ Mitsubishi/ Lauritz Knudsen (Formerly L&T)	A
68.	Alternators	AVK / SEGC/ Leyroy Sommers/ Stamford	A
69.	Annunciator (Facia Type)	Digicont/ Larsen & Toubro/ Procon	B
70.	Anti Vibration Spring Mounts / Pads	E&B Rubber Metal (EGAMA)/ Resist flex	C
71.	Automatic Voltage Regulating Relay (AVR)	ABB/ Alstom / Unitech transformers	B
72.	Bimetallic Overload Relay	ABB/ Larsen & Toubro/ Siemens AG	A
73.	Buchholz Relay	Prayag / Sukrut Electric Co. Pvt. Ltd / Press N Forge	A
74.	Bus Ducts / Bus trucking	Ducati/ Larsen & Toubro/ Globe Electricals/ Schneider/ Audco/ Zoloto	A
75.	Cables (Control & Instrumentation)	Delton/ Polycab/ Thermo Cables/ Universal/ RPG/ Torrent	B
76.	Capacitor Bank (11 kV)	M/s. Shreem Capacitors Pvt. Ltd/ M/s. Universal Cables Ltd/ M/s. ABB Limited/ M/s. Magnewin Energy Pvt.Ltd/ M/s. ABB Power Products and Systems India Limited	A
77.	Capacitor Bank (415V)	M/s. Shreem Capacitors Pvt. Ltd/ M/s. Universal Cables Ltd/ M/s. ABB Limited/ M/s. Magnewin Energy Pvt.Ltd/ M/s. ABB Power Products and Systems India Limited/ Lauritz Knudsen	A
78.	Change Over Switches	Control & Switchgear/ HPL/ Kirloskar/ Schutz	B
79.	Circuit Breaker (Up to 220kV)	ABB India Ltd / CG Power and Industrial Solutions Ltd / Siemens Ltd	A
80.	LT ACDB & DCDB Panels	Nitya Electro Controls Pvt. Ltd/ Aadaya Power/ Adarsha Control/ Adlec Power/Powertech/ Industria IT/ Rittal/ Brilltech/ RST/ Kveetech	B
81.	Connector Up to 32 Amps Screw less type	Legrand/ Phoenix/ Wago/ Schutz	C
82.	Contactors / Auxiliary Contactors	ABB/ Lauritz Knudsen (Formerly L&T)/ Schneider/ Siemens AG/ Schutz/ Finder	
83.	Control & Relay Panel (Up to 220kV)	M/s. GE T&D India Ltd / M/s. NR Energy Solutions India Pvt. Ltd / M/S. Siemens Ltd / M/s. ZIV Automation India Private Limited	A

Sl	Item/equipment	List of Makes of various equipment's	Inspection Category
84.	Distribution Boards (Lighting & Power)	Adlec/ Asiatic Switchgears/ Advance Panels & Switchgears/ Hensel/ Anitech/ Brilltech/ RST/ Rittal/ Kveetech	B
85.	Distribution Boards (PCCs / MCCs)	ABB/ Lauritz Knudsen (Formerly L&T)/ Legrand/ Schneider/ Siemens AG/ Adroit/ Powertech/MAX/ Rittal/ Brilltech/ RST / Kveetech	A
86.	Engineering Plastics / GRP DB's & Panel Enclosures	Hensel/ Sumip/ Siemens AG/GE power/Neptune / Schutz/ Rittal	B
87.	Feeder Pillar	ABB/ Amptech Electric / Poona Industries / Soumita Controls India Pvt Limited/ Ace India Engineering Pvt Limited/ RST/ Brilltech/ Kveetech	B
88.	Fusible Switches	ABB/ Alstom/ GE Power/ Larsen & Toubro/ Siemens AG / Schutz	C
89.	Isolator	ABB/ GR Power/ Siemens AG/ Elpro	A
90.	Liquid Resistance Starters (LRS), Grid Rotor Resistance (GRR)	BCH/ Enterprising/ Pioneer/ Restitch	B
91.	Load Break Switch	ABB/ Alstom/ Siemens AG/ Larsen & Toubro/ H.H.E (Elecon)	A
92.	Lugs (Copper)	Comet/ HMI/ Dowell/ Lotus	C
93.	Panel Louvers	Finder / Schutz / Pfanenberg/ Rittal	C
94.	Molded Case Circuit Breaker (MCCB)	ABB/ Alstom/ Larsen & Toubro/ Legrand/ Schneider/ Siemens AG/ Mitsubishi /Schutz	A
95.	Neutral Grounding Resistance	Cutler Hammer/ National/ Pioneer Electricals/ Ohm ark/ Restitch/ RSI	B
96.	Poles (FRP / GRP)	Bajaj/ Sumip/ Transrail.	B
97.	Protection Relays (P.F. Correction)	ABB/ Alstom/ Ducati/ Larsen & Toubro/SIGMA	A
98.	Rotary / Toggle Switches	ABB/ Alstom/ Larsen &Toubro/ Switron/ Siemens AG/ Kaycee / Schutz	B
99.	Soft Starters (Standalone panels)	ABB/ CGL/ Schneider/ Siemens AG/ Lauritz Knudsen (Formerly L&T)/Allen-Bradley	A
100.	Metal Clad Vacuum Circuit Breaker (11kV)	Stelmec Limited / Megawin Switchgear Pvt Ltd / Bharat Heavy Electrical Limited	A
101.	Vacuum Contactors	ABB/ Alstom / Areva/ BHEL/CGL/ Siemens AG	A
102.	Variable Frequency (Speed) Drives (Standalone panels)	ABB/ / Siemens AG/ Lauritz Knudsen (Formerly L&T)/ Danfoss/ Allen-Bradley	A
103.	Cable Trays - FRP / GRP	Densons/ Ercon/ General composites/ Indiana/ Premier/ Sumip/ EPP/ Plurimo	B
104.	Fiber Optic Cables	Amp/ Krone/ Molex	B

Sl	Item/equipment	List of Makes of various equipment's	Inspection Category
105.	UPS	Hirel-Hitachi, Emerson, APC , Schneider,Phoenix Contact.	B
106.	Grounding Materials (C.I Pipes, G.I Flat and M.S Flats etc)	AM Fabricators / Balaji Matacast industries / Jeekay Foundries Pvt Ltd / Shubham Comtech & Exports / Kapilansh Dhatu Udyog pvt ltd / ANR Enterprises / ETA Engineers Bangalore Pvt Ltd / Balaji Engineering Company / Shah Infra Towers Pvt Ltd. / Abhay Enterprises / Sagar Steel Private Ltd / RS Valve Products	C
107.	Items not explicitly indicated in the above.	The contractor can propose a make/manufacturer only from the MSETCL/MSEDCL-approved vendor list.	A/B

1.4 Civil , Office Equipment and Furniture

Sl	Item/equipment	List of Makes of various equipment's	Inspection Category
1.	Office Chairs, Tables	Godrej Interio/ Wipro	B
2.	Vitrified tiles	Kajaria/ HR Johnson/ Asian Granito/ Nitco/ Somany	B
3.	Light Fixtures	Philips/ Wipro/ CG/ Havells/ Syska	B
4.	Cement	Ultratech/ACC/Ambuja	C
5.	Reinforcement Steel	JSW/TATA/SAIL	C