

LEAD CONSULTANCY AND ENGINEERING SERVICES PVT LTD		
APPROVED MAKE LIST - ELECTRICAL		
SL NO	DESCRIPTION OF THE EQUIPMENTS	APPROVED MAKES
1	11KV Auto transfer switches	ASCO
2	Power (Oil Filled Transformer) :	Andrew yule/Schneider Electric/CG power/Toshiba / RPG – Raychem /Hitachi/Bharath Bijile/BHEL/Siemens/TELK
3	Distribution (Oil Filled Transformer) :	Andrew yule/CG power/Toshiba / Kirloskar / RPG – Raychem / Voltech / Voltamp / Essennar / Unimag
4	Dry Type Transformer	SGB/Raychem/Hitachi/CG Power/Voltamp
5	HT PANEL- (Direct OEM)	ABB / SCHNEIDER / SIEMENS
6	HT PANEL-(OEM Design System Integrator) IEC 62271	OEM System Integrator - Pragathi Control / Load Controls /Power Control Equipments
7	LT PANEL- IEC 61439 (with Internal arc)	OEM System Integrator - Power Control Equipments (Block set) / Hertz(Siepan) / Staform(LK Ti) / Pragathi Control(ArTu-k) / VV system((ArTu-k))/FormoPlastic(Siepan) /Balaji Electro control/Legrand / Maraine Electricals/PACE switch Gear
8	NGR	Ampcontrol Equipments /S R Narkhede Engg /Western Hivolts Equipment /Rsi Switchgear /Ohmark /Essen Electricals
9	ACB	ABB / SCHNEIDER / SIEMENS/
10	MCCB	ABB / SCHNEIDER / SIEMENS/ Lauritz Knudsen(L&T)/LEGRAND
11	Automatic Transfer Switch (ATS)	ASCO /ABB
12	Static Transfer Switch (STS)	ASCO/Vertiv/ ABB
13	MCB DB'S	Schneider / ABB / Siemens / / Lauritz Knudsen(L&T) / Legrand / Hager / Panasonic
14	MCBS, RCCB, RCBO, MPCB	Schneider / ABB / Siemens / / Lauritz Knudsen(L&T) / Legrand / Hager
15	Manual change Over Switch	C & S /HAVELLS /ELCON /HPL – SOCOMEC /LK
16	Onload changeover switches	Socomec / ABB / Siemens / HPL /C&S
17	Protection Relays- Numeric Type	ABB /Schneider Electric /Siemens
18	Protection Relays-Electromagnetic Type	ABB / Alstom / L & T
19	Bus Duct/Sandwich Bus duct/Rising Main	Schneider / C&S / Zucchini (Legrand) / Godrej / Naxso Busduct / EAE/ Lauritz Knudsen(L&T)
20	Busduct - Resin cast IP68	Schneider / Siemens / C & S / Zucchini (Legrand)
21	Window Annunciator	Minilec / Abacus
22	HT CABLE	KEI / RPG / Polycab /Universal
23	HT joining Kit	Birla-3M / Raychem
24	LT Jointing Kit / Termination	3M /M-Seal / Raychem /REPL /Xicon
25	FRLS LT CABLES - XLPE & PVC ALUMINIUM/COPPER (SINGLE & MULTI CORE)	KEI / Ravin Cables / RPG / Unicab /RR Kable /Polycab/NICCO/TORRENT
26	FRLS PVC INSULATED PVC SHEATHED MULTISTARAND COPPER CONDUCTOR CABLES (SINGLE & MULTI CORE)	KEI / Ravin Cables / RPG / Unicab /RR Kable /Polycab
27	FRLS MULTISTARAND COPPER CONDUCTOR WIRES	Anchor / Finolex / KEI / Rajanigandha / RPG / Ravin Cables / Avocab / LAPP/Panasonic/Polycab
28	FRLS CONTROL CABLE	Havells / KEI / Ravin Cables / RPG / Unicab /RR Kable /Rajnigandha / Polycab
29	Automatic Current Changeover Limiter	Hagers / L & T / Pork Devices/ Socomec /Nagoba
30	CONTACTOR (TYPE-2 COORDINATED), TIMER, HRC FUSE	Schneider / ABB / Siemens / Lauritz Knudsen(L&T) / Legrand / Hager
31	SPD	ASCO / Dehn / OBO Bettermann / Cape / ABB
32	Central Battery System for Emergency Lighting	Emanglite /Teknoware /Prolite
33	Solar PV System	Control Switchgear /L & T / Surmount/ Tata BP / Trinity
34	EARTH LEAKAGE RELAY WITH CBCT	Prokds / / Lauritz Knudsen(L&T) / Elmeasure
35	INDICATING METERS - DIGITAL	/ Lauritz Knudsen(L&T)/ TECHNIC / SCHNEIDER/SOCOMECE
36	Power Quality Meter	SCHNEIDER/SOCOMECE
37	DUAL DIGITAL LOAD MONITOR WITH RS-485 PORT (V,A,HZ,PF,KVA,KW,KWH,KVAR, V&I THD, HARMONICS)	SCHNEIDER / ELMEASURE / SOCOMECE
38	DUAL KWH METERS WITH RS-485	SCHNEIDER / ELMEASURE / SOCOMECE
39	CURRENT TRANSFORMER	Kappa / AE / Kalpa / Pragati / Newtek/Automatic Electric Intrans
40	POTENTIAL TRANSFORMER	Kappa / AE / Kalpa / Pragati / Newtek /Automatic Electric Intrans
41	INSTRUMENT TRANSFORMER	Kappa / AE / Kalpa / Pragati / Newtek
42	ALUMINIUM BUS BAR	HINDALCO / JINDAL
43	PUSH BUTTON & INDICATING LAMPS	Lauritz Knudsen(L&T) / TECHNIC / SCHNEIDER /Siemens Teknik /Vaishno Electricals /Binoy

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44	SELECTOR SWITCHES	/ Lauritz Knudsen(L&T) / KAYCEE
45	PANEL ACCESSORIES & TERMINAL BLOCKS	DIRAK / ELMAX / PHOENIX / WAGO/Connect well/Raychem / Stokes
46	MODULAR SWITCH SOCKET OUTLETS -MID RANGE	schneider(clipsal opal)/ Crabtree(athena)/ Legrand (lynxus) / M K India /Anchor (Romo plus)/ MK (citric)
47	MODULAR SWITCH SOCKET OUTLETS -HIGH RANGE	PANASONIC (Akina) / schneider(Unica pure)/ Crabtree(muralo)/ Legrand (Myirus) / M K India (Blenze) /ABB(IVIE)
48	MODULAR SWITCH SOCKET OUTLETS - PREMIUM RANGE	PANASONIC (Vision) /Legrand (Arteur) / M K India (Element) /Schneider (Zencelo)/ABB(Zenit)
49	MODULAR SWITCH SOCKET OUTLETS & BACKBOX	PANASONIC /Anchor/ Clipsal / Crabtree/ Legrand / M K India
50	INDUSTRIAL SOCKET WITH PLUG TOP	Hensel / Schneider (Clipsal) / Scame / Mennekes / Neptune
51	Metal Clad- INDUSTRIAL SOCKET WITH PLUG TOP	BCH /Hensel/Legrand
52	INDUSTRIAL TYPE SOCKET WITH PLUG TOP FOR KITCHEN EQUIPMENTS/INDUSTRY	Hensel / Schneider (Clipsal) / Scame / Mennekes / Neptune
53	CABLE TRAYS / RACEWAYS	Elins / Profab / OBO / Legrand / Pushpak / Indiatech /Niedax / Classic Engineering
54	PVC Conduit & Accessories (ISI approved)	AKG / BEC / Precision / Universal / VIP/Avon
55	Mettalic / GI Conduit (ISI approved)	Bharath / GB /Supper sales /BEC /AKG/GB/ Supreme
56	UNDER FLOOR WIRE WAYS/ RACE WAYS	Elins / Profab / OBO / Legrand / Pushpak / Indiatech / Niedax / Classic Engineering
57	Cable - wire ways	Profab / Legrand / MK india / Classic Engineering
58	Wiremesh cable Tray	Legrand/Profab
59	SHIELDED FRLS CABLE	Havells / KEI / Ravin Cables / RPG / Unicab /RR Kable /Rajnigandha / Polycab
60	Cable Glands Double Compression with earthing links	Comet/Cosmos/Dowells/Hax Brass/ Raychem / Stokes
61	Bimettalic Cable Lug	Comet/Cosmos/Dowell's (Biller India)/Hax Brass (Copper Alloy India) /Raychem / Stokes
62	EARTH STRIPS ELECTROLYTIC GRADE- COPPER	RR COPPER / ERICO
63	EARTH STRIPS ELECTROLYTIC GRADE - GI	JINDAL / ERICO
64	EARTH BUS WITH INSULATORS	ERICO
65	FLOOR BOX	MK / OBO / LEGRAND / FRASER TECHNO
66	MAINTAINANCE FREE EARTING	ERICO/AXIS/ASHLOK T-39 / OBO / ERICO - ERC613400 / GALAXY G-803
67	NET BOX	AH MEHER / EXTRON / LEGRAND
68	Uninywin Cables	LAPP / RR KABEL / RPG / Unicab
69	POWDER COATED RACE WAYS	Elins / Profab / OBO / Legrand / Pushpak / Indiatech / KM / BEC / Niedax / Classic Engineering
70	DB CABINET	Elins / Profab / OBO / Legrand / Pushpak / Indiatech / KM / BEC / Niedax / Classic Engineering
71	FIRE SEALANT	3 M India Ltd. / HILTI / OBO Bettermann / Promat
72	Cable tray supporting system	Gripple / OBO Bettermann/ Hilti
73	Anchor Fastner	Fischer / Hilti / Power Fasteners / Shakti / Wuerth
74	Occupancy Sensor	Philips/Honywell/Lutron/Wipro/Legrand
75	Light Fixture- Basement parking /Drive way	Philips / Panasonic / Wipro / Lighting technology / Regent / /Havells /Bajaj
76	Light Fixture- Toilets/ closed service rooms	Philips / Panasonic / Wipro / Lighting technology / Regent / /Havells //Bajaj
77	Light Fixture- Lobby/corridor	Philips / Panasonic / Wipro / Lighting technology
78	Light Fixture- Basement parking /Drive way	Philips / Panasonic / Wipro / Lighting technology / Regent / /Havells /
79	Light Fixture- External	Neri / Keselec/Philips
80	LMS	ABB/Lutron/Signify/Enlighted/Schneider
81	Aviation Obstruction Light (LED Type)	Actos / Bajaj / Binay / Delta Box
82	Ceiling Fan	Anchor / Crompton Greaves / Havells / Orient / Usha
83	Timer	Schneider / ABB / Siemens / Mitsubishi Electric / / Lauritz Knudsen(L&T) / Legrand / Hager / Eaton
84	Lighting Poles	Neri / Keselec/ K-Lite/Philips
85	Lightning Protection System (As per IS/IEC 62305)	CAPE / AXIS / Dhen / OBO /Jef Techno Solutions
86	HDPE underground cable duct	Rex Polyextrusion / Tirupati Plasomatics / Duraline
87	Fire Survival Cables	AFW / Bonton (Cavical) / Frtek / KEI /RPG

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88	Plate and pipe electrodes	Class B – Tata / Zenith
89	Pipe – Galvanized for plate & pipe electrodes	Class B – Tata / Zenith
90	Earth Strips	Hot dip galvanised
91	Earth bus with Insulators	Electrolytic grade copper / Aluminium / Hot dip galvanised
92	Chain link fence	GI - 8 SWG (if the BOM is referring 10 SWG, consider 8 SWG only)
93	Insulation Mat (as per the local state electricity board)	Commercial Enterprises / DL Miller & Co. Ltd. / Premier Polyfilm Ltd. / RMG Polyvinyl India Ltd
94	PLC/SCADA	Allen Bradley /Modicon (Schneider Electric) /Siemens
95	Aviation Obstruction Light (LED Type)	Actos / Bajaj / Binay / Delta Box
96	Surge Voltage Protection	ASCO / Dehn / Cape / ABB / Zotup
97	Lightning Protection System (As per IS/IEC 62305)	CAPE/OBO/Dehn /Jef Techno Solutions/ Axis
98	Batteries with battery charger	Dubas / Amaraja / Powerone / Microteck / Universal/HBL/Sirus
99	Isolation Transformers	MGM / Datson / Elmas /HEPS / Magnetic controls
100	Power Distribution Units	APC /Vertiv/Delta
101	Polycarbonate Enclosures- IP65	Hensel / Schneider / Scame / Mennekes / Cape
102	Earth Leakage Relay with CBCT	Prokdvs / LK / Elmeasure
103	Power Capacitor	Hitachi / EPCOS / Larsen & Toubro / Neptune Ducati / Shreem / Schneider Electric
104	Automatic Power Factor Correction Relay (Numeric Type)	Hitachi / EPCOS / Larsen & Toubro / Neptune Ducati / Shreem / Schneider Electric
105	Thyristered APFC Control Panel	Hitachi / EPCOS / Larsen & Toubro / Neptune Ducati / Shreem / Schneider Electric
Note:		
Client has reserve the rights to change any equivalent brand in due course of the Tender.		