* 1. **List of Approved Makes for Electrical Works**

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| ***S.No.*** | ***Items*** | ***Makes*** |
| *1* | *MS Conduit (ISI marked)with heavy duty accessories* | *BEC/AKG/ RM CON /Steel Krafts* |
| *2* | *PVC/ XLPE insulated aluminium / copper conductor armoured unarmoured MV cables upto 1100 V(ISI Marked)* | *Havells / Finolex/ KEI/ Grandlay/ Polycab/Gloster* |
| *3* | *FRLS PVC insulated copper conductor stranded flexible wire i/c control cables(ISI Marked)* | *Havells/Finolex/KEI/ Grandlay/Polycab/Gloster* |
| *4* | *Cable Raceway floor/wall mounted and accessories* | *Legrand / MK (Honeywell) / OBO/Excel* |
| *5* | *Cable Tray & Accessories* | *Venus / MEM / BEC / RM CON/ Indeana/Excel* |
| *6* | *Modular Switch & Socket & Accessories* | *Legrand(Myrus)/M.K. (Element) /Schneider (Zencelo) / legrand (Arteor)/ ABB* |
| *7* | *Metal clad Industrial Socket outlet and sheet steel Enclosure for MCCB/ MCB* | *Legrand/Siemens/Schneider/Hager* |
| *8* | *Cable Glands* | *Dowells/Commet/Gripwell/Raychem* |
| *9* | *Lugs and end termination* | *Dowells/Commet/Braco* |
| *10* | *Change over switch* | *L&T / Socomac / ABB / Schneider* |
| *11* | *Distribution Boards* | *Siemens (Betagard), / Hager / Schneider (Acti9) / Legrand (Ekinox33/ L&T (Exora / ABB (Elegence)* |
| *12* | *Protection Device (MCB/RCCB/RCBO/ELCB)* | *Siemens (5SL), Hager / Schneider (Acti9) / Legrand (DX 3) / ABB (S200M) / L&T* |
| *13* | *Current transformer / potential transformer* | *AEL / Gilbert & Maxwell / Pragati / Precise / L&T/ Kappa* |
| *14* | *Indicating Lamps LED type, Push Button* | *Siemens / L&T / Schneider / Legrand* |
| *15* | *Electronic Digital Meters* | *Schnider (conzerv) / L&T / Secure / Siemens / ABB / Legrand* |
| *16* | *MCCBs* | *Siemens (3VL) / L&T (D sine) / Schneider (CVS) / Legrand (DPX3) ABB (T max)* |
| *17* | *Power Contactor* | *L&T (MNX)/ Schneider (Tesys) / Legrand (CTX3) ABB (Ax)* |
| *18* | *Surge Protection Devices* | *Siemens/L&T/Schneider / Legrand/ OBO* |
| *19* | *Selector Switch* | *Salzer/Seimens /BCH/ Kaycee / L&T* |
| *20* | *Auxiliary Relays* | *Siemens/L&T/Schneider/Legrand/ABB* |
| *21* | *LED Lighting Fixture* | *Philips/ Wipro/Havells/Crompton* |
| *22* | *Emergency Lighting/ Exit Sign boards* | *Bajaj / Prolite / Glo-Line* |
| *23* | *Ceiling Fan, Fresh Air Fan, Exhaust Fan* | *Havells/Cromption/ Usha / Orient/ Atomberg* |
| *24* | *Paint* | *Nerolac/Asian/Berger/ICI* |
| *25* | *Lighting Protech System* | *OBO/ Cape Electric/ Infinite / APS/ Jeff Techno/ Axis* |
| *26* | *G.I Pipe* | *Tata, Jindal-Hissar, Prakash Surya* |
| *27* | *Rubber Mat (ISI Marked)* | *Jyoti / Deep Jyoti/ Premier* |
| *28* | *Fire Extinguisher* | *Minimax/ Life Guard / Cease Fire / Newage* |
| *29* | *CU/ GI Strip & GI wire for earthing* | *Jeff Techno/ Axis / OBO* |
| *30* | *MS Conduit (ISI marked)* | *BEC/AKG/NIC/ Steel craft/ M-Key, SK (E.R.W)* |
| *31* | *PVC Conduit and accessories* | *Polycab/ AKG / Asian* |
| *32* | *1.1 KV aluminium armoured XLPE insulated and PVC sheathed cable (LT cable)* | *Havells /KEI/ Finolex/ Grandlay/ Gloster* |
| *33* | *Modular Switch & Socket* | *Legrand (Myrus) MK (Element) Schneider (Zencelo India) / Havells/ ABB* |
| *34* | *Metal Clad Industrial Socket* | *Legrand / Siemens/Schneider/ C&S/ ABB* |
| *35* | *Cat-6 cable* | *Beldon/Siemon/Legrand/Penduit (Pannet)* |
| *36* | *Crimp Patch Cord* | *Beldon/Siemon/Legrand/Penuit (Pannet)* |
| *37* | *Panel Accessories* | *Siemenss/ L&T/ Schneider / Legrand / Tecnic/ ABB/ C&S/ Neptune* |
| *38* | *LED/ Metal Halide / Fluorescent Internal Lighting Fixtures* | *Philips/ Wipro/Havells/Crompton* |
| *39* | *External Lighting Fixture* | *Philips/ Wipro/Havells/Crompton* |
| *40* | *Ceiling Fan (ISI marked & BEE rated 5 star)* | *Havells / Almonard/ Orient/ Usha/ Bajaj* |
| *41* | *Advance lighting protections System (Early Streamer Emission Type)* | *LPI (Australia)-by allied power/ SGI (Duval Messien/ Satellite(France) by SGI/ Bradlay (USA) -by JMV/ Erico (USA) by security shoppe/ ABB* |
| *42* | *Main LT Panels/ MCC Panel* | *(Main LT panel / MCC Panel board should be IEC 61439 part-1 and II manufacturer has to produces the relevant test certificate as per IEC code for the same failing which panel shall be rejected). L&T /Siemens / Schneider/ ABB/ Legrand or their authorized channel partners for IEC 61439 compliant panels* |
| *43* | *Air Circuit Breaker* | *Siemens / Schneider/ L&T/ Legrand/ C&S/ ABB* |
| *44* | *Surge Voltage Protection* | *Siemens/L&T/Schneider / ABB* |
| *45* | *Earth fault module* | *Siemens/Schneider/L&T/Legrand* |
| *46* | *Protection relays* | *Siemens/ Areva/ L&T/ Legrand* |
| *47* | *C.Ts and PTs* | *Kappa / AE/ Matrix* |
| *48* | *Digital Meters* | *Siemens (PAC)/ Schneider/ (conzerv) / Secure Enersol / L&T/ Neptune* |
| *49* | *Indicating lamps* | *ESBEE/Schneider/Siemens/Vaishno/Neptune* |
| *50* | *Power capacitors* | *Epcos/ Neptune / Legrand /ABB/ L&T* |
| *51* | *Automatic Power factor correction relay/controller* | *Epcos/Siemens (PAC) /Schneider (Conzerv)/L&T/Neptune* |
| *52* | *Sealed Maintenance Free Batteries* | *Exide/Panasonic/Amara Raja/HBL* |
| *53* | *Battery charger* | *Caldyne/Chhabi Electricals/Statcon/Max Power* |
| *54* | *Cable Trays (Factory Fabricated/ Overhead & Floor Raceways* | *Legrand/MEM/OBO/ Milestone/ Neptune* |
| *55* | *HDPE underground cable duct* | *Rex Polyextrusion/ Tirpura/ Plasomatics/ Duraline* |
| *56* | *Insulation Mats* | *DL Miller & Co. Ltd.?Premier Polyfilm Ltd./RMG Polyvinyl India Ltd/Jyoti* |
| *57* | *Smoke/Heat detectors* | *Apollo/ System Sensor/ Agni* |
| *58* | *Manual Call point* | *PRD/System-Tek/ Simplex/ System Sensor/ Agni* |
| *59* | *Response indicators* | *PRD/System-Tek/ Simplex/ System Sensor /Agni* |
| *60* | *Fire Exit Signs* | *System-Tek/ Simplex/ Agni* |
| *61* | *Fire Control Panel* | *System-Tek/ Morley /Agni* |
| *62* | *Speaker / Hooter* | *System-Tek/ Philips /Agni* |
| *63* | *Occupancy Sensors/ Movement Sensor* | *Legrand/ Philips/ Wipro* |
| *64* | *Flush type switch /socket* | *Anchor/ Kinjal/ SSK/ Havells Reo* |
| *65* | *Fuse switches unit / switch fuse unit /HRC fuse* | *L&T / Siemens/ Havells/ C&S* |
| *66* | *Exhaust fan* | *Almonard/ Alstom/ Crompton/ Havells* |
| *67* | *XLPE insulated HT cables* | *KEI/Havells* |
| *68* | *Cable lug* | *Ascon (Heavy gauge) Jainson Dowells* |
| *69* | *Telephone wires/Telephone Cable / jelly filled telephone cables* | *Finolex /Delton/Havell’s* |
| *70* | *Telephone tag blocks* | *Krone/ Pouyet* |
| *71* | *Telephone outlet* | *MK Electric /Legrand (Mosaic)/Crabtree (Piccadilly)* |
| *72* | *GI raceways* | *Milestone Engineering /Legrand/ MDS/ Neptune Systems Pvt. Ltd./MK* |
| *73* | *PVC raceways* | *Legrand/ MK* |
| *74* | *Electronic ballast* | *Philips / Wipro/ Bajaj/ Decon/Crompton/Havells* |
| *75* | *DLP plastic trunking* | *Legrand/MK* |
| *76* | *Geysers* | *Recold /Venus /Usha Lexus /Sphere hot* |
| *77* | *Tower Light* | *Ligman/Simes/Bega* |
| *78*  *79* | *HT/LT transformers*  *HT SF-6 circuit breakers / VCB* | *ABB/Schneider /CGL (Crompton Greaves Ltd.)*  *Siemens/ ABB/ CGL / Schneider* |
| *80* | *Programmable Logic Controller (PLC)* | *Siemens /Allen-Bradley/ Schneider* |
| *81* | *Earthing (Chemical Earthing Plate Earthing* | *JMV/ As per CPWD Norms* |
| *82* | *Octagonal Pole* | *Bajaj / Crompton / Phillips* |
| *83* | *11 kV HT panel Incoming relay* | *CGL/Schneider/ABB/ Siemens* |
| *84* | *Control Relay Panel* | *CGL/Schneider/ABB* |
| *85* | *Lightning Arrestor* | *ABB/Alltec/JMV* |
| *86* | *Temp. Gauge* | *Guru* |
| *87* | *Gate Valve* | *Leader/Sant* |
| *88* | *Electrical Backup* | *Spare hot/ Racold* |
| *89* | *PVC Tank* | *Syntex/ Polycon* |
| *90* | *Thermostat* | *ISI Marked* |
| *91* | *Flat Collector Plate* | *Solocrome/ Tata BP/ Racold* |
| *92* | *S.S Sheet* | *Jindal / National* |
| *93* | *HT/LT cable joints (Straight through/outdoor/indoor)* | *3M/ Denson/ M Seal/Raychem/ Cabseal* |
| *94* | *Alternator* | *STAMFORD/Crompton Greaves/Kirlosker/Leroy Somer* |
| *95* | *DG set engine* | Kirlosker/ Cummins/ Greaves Cotton/Baudouin/Caterpillar/Perkins |
| *96* | *DG Set (Preferred makes)* | *Sterling Generator/ Kirlosker* /*Caterpillar/Cummins Power / Greaves Cotton/Jackson* |
| *97* | *Makes of accessories of HT / LT Panel / Transformers* | *As per standard practice of manufacturer/ Channel partner of L&T /Siemens / Schneider/ ABB/Legrand/Crompton Greaves* |
| *98* | *Bus Trunking* | *C&S / L&T/ Schneider as per standard practice of OEM manufacturer / channel partner* |
| *99* | *HT panel 11 KV* | *ABB/ Schneider/ CGL (Crompton Greaves Ltd.)* |
| *100* | *Bus Duct* | *Neptune / Milestone/ Tricolite* |
| *101* | *Lamp Holder (Brass)* | *Kay/ SSK/ Kinjal* |
| *102* | *UPS* | *APC(Schneider)/Vertiv/ABB/Numeric/Delta/Tmeic* |
| *103* | *AMF Panel* | L&T/ Siemens/ ABB/ Excel Control/ Modern Switchgear |