
Section 1 – List of Approved makes

1.1 Distribution Transformers

- 1.1.1 Crompton Greaves Ltd. Mumbai
- 1.1.2 BHEL Bhopal
- 1.1.3 SIEMENS Ltd. Mumbai
- 1.1.4 Marsons limited Kolkatta
- 1.1.5 EMCO Ltd. Mumbai
- 1.1.6 GE T&D India Kolkatta
- 1.1.7 ABB Ltd. Vadodara
- 1.1.8 Bharat Bijlee Mumbai
- 1.1.9 Kanohar transformers Meerut
- 1.1.10 TELK Ernakulam
- 1.1.11 Nucon Switchgear (P) ltd. India
- 1.1.12 Kotsons Pvt. Ltd. (KPL) Ltd. India
- 1.1.13 NEEK Nepal
- 1.1.14 Schneider Electric Infrastructure Ltd. India
- 1.1.15 Uttam Bharat India
- 1.1.16 Universal Power Transformers India
- 1.1.17 Kirloskar Electric Company India
- 1.1.18 PT Tranfindo Indonesia

2.0 Gas Insulated Switchgears (GIS)

- 2.1 ABB Ltd. Vadodara
- 2.2 GE T&D INDIA (ALSTOM LTD.) Kolkatta
- 2.3 SIEMENS LTD. Mumbai
- 2.4 CROMPTON GREAVES Ltd. India
- 2.5 Schneider Electric Infrastructure Ltd India

3.0 33 kV and 11 kV circuit breakers

- 3.1 ABB Ltd. Vadodara
- 3.2 GE T&D INDIA (ALSTOM LTD.) Kolkatta
- 3.3 Siemens Mumbai
- 3.4 Pascal switchcare India Pvt. Ltd (only for 11kV) Kolkatta
- 3.5 JYOTI LTD Vadodara
- 3.6 BHEL Bhopal
- 3.7 CROMPTON GREAVES Ltd. India

4.0 Lightning Arresters.

- 4.1 Elpro International Mumbai
- 4.2 Oblum Electrical Hyderabad
- 34.3 W.S. Industries Chennai

5.0 Current Transformers

- 5.1 Crompton Greaves Mumbai
- 5.2 ABB Vadodara
- 5.3 Mehru Electricals Mumbai
- 45.4 Schneider (Areva) Bangalore

6.0 Relays

- 6.1 Schneider (Areva) Kolkatta
- 6.2 ABB Mumbai
- 6.3 Siemens Mumbai
- 56.4 Easun Reyrolle Hosur

7.0 LT and Control cables

- 7.1 Asian Cable Corporation Mumbai
- 7.2 Cables Corporation of India Mumbai
- 7.3 Universal Cables Mumbai
- 7.4 Finolex Cables Pune
- 7.5 Polycab Industries Mumbai
- 7.6 KEI Rajastan
- 67.7 HVPL Delhi

8.0 HV & LV Cables

- 8.1 Asian Cable Mumbai
- 8.2 Cables Corporation of India Mumbai
- 8.3 Universal Cables Mumbai
- 8.4 HVPL Delhi
- 8.5 Insucon Cables & Conductor India
- 8.6 Havells India
- 8.7 Apar Industries India
- 8.8 Tirupati Plastomatics India
- 8.9 Tirupati Plastomatics India
- 8.10 KEI Industries India
- 8.11 PT Voksel Indonesia

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9.0 AC & DC Distribution Boards

- 9.1 Controls & Switchgear Co Delhi
- 9.2 Pecon Engineering Kolkota
- 9.3 Continental Engineering Lucknow
- 89.4 Control and Protection Kolkota

10.0 Substation Structures

- 10.1 RPG Transmission Delhi
- 10.2 L&T Mumbai
- 10.3 Jyoti Structures Mumbai
- 10.4 Amitava Structures Nagpur
- 10.5 Advance Steel Delhi
- 10.6 Mann Structural Jaipur

11.0 Multi Function Meters/Meters

- 11.1 Automatic Electric Mumbai
- 11.2 ABB Mumbai
- 11.3 Industrial Meters Mumbai
- 11.4 Secure Meters Jaipur

- 11.5 Enercon Delhi
- 11.7 Schnieder Delhi
- 11.8 L&T Bangalore
- 11.9 Actaris India
- 11.10 Iskrameco India
- 11.11 Landis + Gyr Ltd. India

12.0 Substation Hardware Fittings

- 12.1 Tyco Electronics (Dulmison) India
- 12.2 Exalt Engg. Mumbai
- 12.3 Sicamex France
- 12.4 Supreme Kolkota
- 12.5 IAC Electrical Kolkota

13.0 Insulators & Bushings

- 13.1 BHEL Bangalore
- 13.2 WS Insulators Chennai
- 13.3 NGK Jayshree Kolkota
- 13.4 Insulators and Electrical Company (IEC) India
- 13.5 Rajeev Industries India

14 Ventilation Fan

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- 14.1 Alstom India
- 14.2 Crompton Greaves India

15 Portable Fire Extinguishers

- 15.1 Steelage (Minimax) Mumbai
- 15.2 Nitin India
- 15.3 Vijay Fire Mumbai

16.0 Battery & Battery Charger

- 16.1 Chloride Industries Limited Kolkota
- 16.2 Amar Raja Batteries Limited Hyderabad
- 16.3 Exide Limited Mumbai
- 16.4 Standard Batteries Mumbai
- 16.5 Automatic Electric Mumbai
- 16.6 Mass Tech Controls (p) Limited Mumbai
- 16.7 Chabbi Electricals Limited Mumbai
- 16.8 Electro Service (India) Kolkota
- 16.9 HBL POWER SYSTEMS LTD HYDERABAD
- 16.10 BHARAT CUTLER HAMMER Delhi

19.0 Electrical and Wiring Materials

- 19.1. Lamps: Bajaj, Philips, GE, Osram, Crompton
- 19.2. Fluorescent lamps, CFL's: Bajaj, Philips, GE, Osram, Crompton
- 19.3 Mercury Vapour, Sodium Vapour lamps, Halogen lamps: Philips, GE, Bajaj, Orsam.
- 19.4 Luminaires/ fixtures: Bajaj, Philips, Compton, GE.
- 19.5 Switch & Sockets: Anchor Roma/Rider/woods, NorthWest, Crabtree, LK Fuga
- 19.6 MCB's: GE, Siemens, MDS Legrand, Havels
- 19.7 Wires: Finolex, Havells, Royal Cables, V-guard.

20 Cable Terminations: MSeal and Raychem.

21 UPS: Aplab, Emerson Power System, Hirel electronics, Eneron system.

22 Air Conditioners: Blue Star, Electrolux, Carrier, Hitachi

23 Note: All the material supplied in this contract shall be Class A materials and shall be delivered to the site after the proper testing/approval of the samples in case of civil works materials.

LIST OF APPROVED MAKES

The substation equipment and switchgears must confirm to the following approved makes.

The client shall make a factory visit time to time to

1.1 Power Transformer

1.1.1 Crompton Greaves Ltd. Mumbai

1.1.2 TELK Ernakulam

1.1.3 Schneider (Areva) Vadodara

1.1.4 ABB LTD. Vadodara

1.2.5 Bharat Bijlee Mumbai

1.2.6 BHEL Bhopal

1.2.7 SIEMENS Ltd. Mumbai

1.2.8 EMCO Ltd. Mumbai

1.2.9 GE T&D India Kolkatta

1.2 Distribution Transformers

1.2.1 Crompton Greaves Ltd. Mumbai

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1.2.4 Marsons limited Kolkatta

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