

Notice Calling for Tender

No. EXT 507 /MCH

Dated 13/6/2017

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Sealed quotations are invited for Comprehensive Maintenance Contract (CMC) of the following items on the terms and conditions and Quotation should reach this office on or before 17-7-17 by 3:00 PM

S.No. Items

1. 11 KV HT MAIN INDOOR DISTRIBUTION PANEL

Indoor Five (05) panel 11 KV Distribution Board with Two (02) Nos. Vacuum Circuit Breaker (Incoming) and Three (03)Nos. Vacuum Circuit Breakers (Outgoing)

INCOMER PANEL:

a) 11 KV 800A, TP 350 MVA VCB (02 No's) of draw out type having horizontal draw out Type.

OUT GOING PANEL:

b) 11 KV 800A, TP 350 MVA VCB (03 No's) of draw out type having horizontal draw out Type.

2. BATTERY, BATTERY CHARGER CUM D.C. BOARD FOR D.C. CONTROL.

24V, 120 AH rating heavy duty.

D.C. DISTRIBUTION BOARD.

Incoming 1 set of 16A, DP MCB (DC)

Outgoing 4 nos. 6A, DP MCBs, incoming and outgoing terminals.

3. CAST RESIN DISTRIBUTION TRANSFORMER

Cast Resin Dry type 750 KVA, 11 KV/433V, 3 phase, 50 HZ, Indoor, Distribution Transformer with ON Load Tap Changer +5% to -15% in steps of (+-) 1.25% and RTCC & AVR Panel etc.

4. Sandwich Bus ducts

1600 A, (outdoor + Indoor) Sandwich Bus Duct.

1250 A, (Indoor) Sandwich Bus Duct.


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5. L.T. PANEL [MAIN LT PANEL BOARD]

Incomers:

- A. 03 sets of 1250A electrically operated draw out type (EDO), 415V, 4P, 50 KA breaking capacity ACB with inbuilt micro processor control unit which will have features for overload, earth fault, short circuit, variable settings for Currents & Time, Instantaneous Protection against High S.C. and also neutral protection (50% - 100% setting). 24 V DC Shunt Trip, closing Coil, 415 V Motor operators etc—For Transformers.
- B. 03 sets of 1600A electrically operated draw out type EDO), 415V, 4 P, 50 KA breaking capacity ACB with inbuilt micro processor control unit which will have features for overload, earth fault, short circuit, variable settings for Currents & Time, Instantaneous Protection against High S.C. and also neutral protection (50% -100% setting). 24 V DC Shunt Trip, closing Coil, 415 V Motor operator etc-For DG Sets.

Outing:

- 800A, 4P/TPN MCCB 50 KA – 02 Nos.
- 630A, 4P/TPN MCCB 50 KA – 05 Nos.
- 400A, 4P/TPN MCCB 50 KA – 08 Nos.
- 250A, 4P/TPN MCCB 50 KA – 09 Nos.
- 200A, 4P/TPN MCCB 50 KA – 04 Nos.
- 125A, 4P/TPN MCCB 25 KA – 19 Nos.
- 100A, 4P/TPN MCCB 25 KA – 12 Nos.
- 63A, 4P/TPN MCCB 16KA – 02 Nos.

Bus Coupler


Bus Coupler 2 Sets of 1600A, 50KA, Electrically operated draw out type, 415V, 4P ACB with microprocessor based control unit & 24 V DC Shunt Trip

6. AUTOMATIC POWER FACTOR CORRECTION CAPACITOR (APFC 1,2,3) PANEL

Automatic power factor control panel, using solid state switching, 250KVAR Capacitors

Sub-Distribution Panel at different Blocks

- 800A, 4P MCCB 50 KA – 02 Nos.
- 630A, 4P MCCB 50 KA – 02 Nos.
- 400A, 4P MCCB 50 KA – 01 Nos.
- 315A, 4P MCCB 50 KA – 05 Nos.
- 250A, 4P MCCB 50 KA – 12 Nos.
- 200A, 4P MCCB 50 KA – 12 Nos.


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- 7. HVAC PUMP PANEL Starters as below
 - 04 Nos. 10 HP Automatic Star delta starter [For Primary Pump Sets Panel]
 - 04 Nos. 20 HP Automatic Star delta starter [For condensing water pump sets]
 - 04 Nos. 7.5 HP Automatic Star delta starter [For Cooling Tower pump sets]
 - 02 Nos. 10 HP Star delta starter [Manifold and Compressor Panel]
 - 02 Nos. 15 HP Star delta starter [Manifold and Compressor Panel]

8. AMF (SYNCHRONISING & LOAD SHARING) PANEL

INCOMERS

3 Nos. 1250A TP 50 KA electrically operated with draw-out Type ACB.
 Incoming terminals/Adopter Box for bus duct Connection

OUTGOING:

3 Nos. 1600A TP&N Pole 50 KA Electrically operated WITHDRAW ABLE EDO
 ACB with shunt trip & Micro – processor based releases.
 Microprocessor based alpha numeric type 3 O/C + 1 E/F relay with selectable IDMTL /
 DMTL characteristics and in built High set feature on O/C and E/F.
 4000A TP & N bus bars with Aluminium flat.

Terms & Conditions:

1. Rate & Tax detail must be clearly mentioned in the quotations
2. Only typed quotations/tenders bearing Sales Tax & TIN Nos. on original letter head will be entertained.
3. Cutting/over writing on quotations/tenders will not be accepted.
4. The firm must be registered supplier in any Govt./Semi Govt. or in A.M.U. Aligarh.
5. *The contract period will be one year.*


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