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OFFICE OF THE,  
EXECUTIVE ENGINEER,  
400kV R.S. Div. Thaptitanda  
MSETCL

Email Id- ee2140thaptitanda@gmail.com

No. EE/400kV /Thaptitanda/TS/ 0265

Date :- 25/07/2022

**Sub:** Enquiry for the procurement of Tertiary lightning arrester, 33kV NCT and 33kV PT as spare at 400kV Thaptitanda.

Dear Sirs,

Please quote your lowest rates for following work subject to following Terms and Conditions stipulated below. On or before 02.08.22 15:00 hrs With following terms and conditions.

**TERMS & CONDITIONS :**

Sealed envelopes must be marked as quotation for the procurement of Tertiary lightning arrester, 33kV NCT and 33kV PT as spare at 400kV Thaptitanda.

1. Quotation should reach this office within 7 days from the date of dispatch of this enquiry letter and will be opened on the same day if possible.
2. The validity of this offer must be valid for 90 days.
3. The under signed reserves the right to reject any or all the quotations without assigning and reason there of and to bifurcate the work and place the order with one or other agencies according to situation of work.
4. Payment will be made after the submission of bill in triplicate form to the AEE (Sub. Maint.), 400kV RS Division Thaptitanda, work should be done under the supervision of AEE (Sub. Maint.), 400kV RS Division Thaptitanda.
5. You will have to pay 5% Security Deposit of the order value before starting the work.
6. Material should be supply from approved vendor from MSETCL as per the standard and design specifications by MSETCL mentioned below

**7. Specification of Tertiary LA :- (Surge Arrester)**

Sr. No.	Particulars	39 kV	54 kV
01	System Voltage	42 kV	60 kV
02	Rated Voltage	39 kV	54 kV
03	Nom Disch Current	10 kAp	10 kAp
04	P.R. Relief Current	40 kA	40 kA
05	McoV	33 kV	45 kV
06	Type LDCL	3	3

**Specification of 33kV Potential Transformer :-**

Sr. No.	Particulars	Specifications
01	Standard	153156
02	Highest System voltage	36 kV
03	Insulation Level	70/170 kVP
04	Frequency	50 Hz
05	Min Total creepage	900 mm
06	Rated Prim Vtg.	33kV/ $\sqrt{3}$
07	Rated Sec. Vtg.	110 V/ $\sqrt{3}$ -110 V/ $\sqrt{3}$
08	Rated V.F.	1.2 Cont & 1.9 For 8 Hours
09	No. of cores	2
10	Pri. Neutral	Earthed

Winding	Sec. Terminals	Ratio	Burden	Class of Accuracy
1	1a-1n	33kV/ $\sqrt{3}$ /110/ $\sqrt{3}$ V	50 VA	PS
2	2a-2n	33kV/ $\sqrt{3}$ /110/V3V	100 VA	PS

**Specification of Neutral Current Transformer :-**

Sr. No.	Particulars	Specifications
01	Standard	152705
02	Highest System Voltage	36 kV
03	Insulation Level	70 / 170 KVP
04	Frequency	50 Hz
05	Min Total Creepage	900 mm
07	Rated Pri. Current	2000
08	Rated Sec. Current	1 Amp
09	STC	26.2 kA for 1 Sec
10	Rated dynamic current	65.5 kA for 1 sec.
11	Ratio	2000/1Amp
12	Class of Accuracy	Core 1-PS

Yours faithfully,

  
**Executive Engineer**  
400kV R.S. Division,  
Thaptitanda, MSETCL.

**Encl: - Annexure**

**Copy s.w.r.to:-**

The Superintending Engineer, EHV ( O&M) Circle. Aurangabad.

**Copy to:-**


The Dy. Manager (F&A), 400kV R.S. Division, Thaptitanda.

**MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.**

**ANNEXURE**

Sub:- Procurement of Tertiary LA, 33kV NCT, 33kV PT as a spare at 400kV Thaptitanda R.S.

Sr. No	ITEM OF WORK	Unit	Qty	Exwork Rate in Rs.	Labource ss 1%	Rate including labourcess	GST 18%	Rate including GST	Total Amount in Rs.
1	54kV Lightning Arrestor	No.	2						
2	39kV Lightning Arrestor	No.	2						
3	33kV NCT 2000/1A 1C	No.	1						
4	33kV PT 1.8 class 33kV/ Sqrt3/110/Sqrt3	No.	2						
<b>Total</b>									

  
 Executive Engineer  
 400KV RS Division Thaptitanda

I am ready to carry out the work .....% above/below the eastimated cost

Agency sign & Name