

MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.



From: The Superintending Engineer,
EHV (O&M) Circle, 3rd Floor,
Vidyut Bhawan, Ratanlal plot, Akola- 444 005
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SE/EHV(O&M)/CIR/AKL/Tech /F-40B/No. 130

Date: 07.02.2025

E-enquiry

Sub:- E-enquiry for procurement of **Tertiary Lightning Arrestor, 33 kV NCT** and **33 kV PT** as a spare at 400 kV R.S. Akola under 400 kV R.S. Division, Akola.

Dear Sir,

Sealed and super scribed quotations are invited for procurement of **Tertiary Lightning Arrestor, 33 kV NCT** and **33 kV PT** as a spare at 400 kV R.S. Akola under 400 kV R.S. Division, Akola, so as to reach this office on or before **14.02.2025 up to 15:00 Hrs** positively as per **Schedule "A"** enclosed herewith. The terms and conditions are as follows: -

Terms & conditions: -

- 1. Rates:-** Agency have to submit Rates for the above as per Schedule "A". The bidder should not quote conditional rates related to quantity of work, payment terms etc. **Rates should include general packing and forwarding charges.**
- 2. Taxes:** The taxes such as GST & other taxes shall be clearly specified in the quotation.
- 3. Awarding Of Contract: The Company does not bind itself to award the contract to the lowest bidder.** Eligibility of the bidder, submission of all documents, past record will carry due weightage while arriving at the decision.
- 4. Site & Delivery of material:** 100% material shall have to be supplied within **45 days** at 400 kV R.S. Division, Akola after clear and final order from this office. It shall be the responsibility of supplier to dispatch the material to the destination mentioned, duly packed and insured. We desire to have the delivery of material at the earliest from the date of the receipt of our firm order/letter of intent. Order is likely to be placed for the best technically acceptable offer who can deliver the material according the desire standard specification. However, if the successful bidder fails to maintain schedule of delivery period stated in the order placed on time preferential basis, they will be required to accept to pay the normal penalty for the late delivery.
- 5. Penalty:** If the **Tertiary Lightning Arrestor, 33 kV NCT** and **33 kV PT** is not supplied within stipulated time limit, penalty @ $\frac{1}{2}$ % per week on delayed portion limited to 10 % maximum on contract value will be recovered from your bill.
- 6.** All disputes, differences arising in connection with this contract if concluded shall be subject to the exclusive jurisdiction of Akola Court.
- 7. Payments:** The 100% payment will be released by Superintending Engineer EHV O&M Circle, Akola after successful delivery of material and required certification / recording / Good Receipt (GR) in SAP to be carried out by Maintenance Incharge of 400 kV R.S. Division, Akola.
- 8. Quality of supply:** The material shall be strictly as per standard specifications, otherwise material will be rejected and no claims will be entertained.
- 9.** An agreement is required to be executed by bidder with the company on stamp paper of **Rs. 500/-** containing all above terms & conditions of the order before its execution. The cost of the stamp paper should be borne by you.
- 10.** The contractor will have to pay security deposit @ **10 %** of value of the work order amount within **07 days after** confirmation of Supply Order in terms of DD/Check/BG/FDR and the DD/Check/BG/FDR should be drawn in favour of **the Superintending Engineer, EHV (O&M) Circle, Akola.** The amount of SD will be refunded after satisfactory completion of contract period otherwise it will be forfeited without entertaining any objection/request thereof.

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11. The specifications of **Tertiary Lightning Arrestor, 33 kV NCT** and **33 kV PT** are as follows:

Technical Specifications of Tertiary Lightning Arrestor			
Sr. No.	Particulars	39 kV LA	54 kV LA
1.	Rated Voltage (kV)	39	54
2.	Rated Frequency (Hz)	50	50
3.	Maximum continuous operating voltage (MCOV) (kvrms)	33	45
4.	Leakage current at MCOV (μ Ap)		
a)	Resistive component	400	400
b)	Capacitive component	1500	1500
c)	Total	1500	1500
5.	Nominal Discharge current (kAp)	10	10
6.	Total creepage distance (mm)	900	1815
7.	Pressure relief test current (kArms)	40	40

Technical Specifications of 33 kV Neutral CT		
Sr. No.	Particulars	33 kV NCT
1.	Highest System Voltage(kV)	36
2.	Insulation level (kVP)	70/170
3.	Frequency (Hz)	50
4.	Min Total Creepage (mm)	900
5.	Rated Primary Current (A)	2000
6.	Rated Secondary Current (A)	1
7.	Short Term Current	26.2 kA for 1 Sec
8.	Rated Dynamic Current	65.5 kA for 1 Sec
9.	CT Ratio	2000/1 A
10.	Class of Accuracy	Core 1-PS

Technical Specifications of 33 kV PT		
Sr. No.	Particulars	33 kV NCT
1.	Highest System Voltage(kV)	36
2.	Insulation level (kVP)	70/170
3.	Frequency (Hz)	50
4.	Min Total Creepage (mm)	900
5.	Rated Primary Voltage	33 kV/ $\sqrt{3}$
6.	Rated Secondary Voltage	110V/ $\sqrt{3}$ -110V/ $\sqrt{3}$
7.	Rated Voltage Factor	1.2 Cont & 1.9 for 8 Hours
8.	No. of Cores	2
9.	Primary Neutral	Earthed
10.	Ratio	33kV/ $\sqrt{3}$ /110/ $\sqrt{3}$
11.	Class of Accuracy	Core-I : PS, Core-II : PS
12.	Burden (VA)	Core-I : 50, Core-II : 100

12. Any clauses required to be imposed by virtue of any act enforced by the Government during currency of the contract will stand included in this schedule and same will be binding upon the contractor and will not amount to any charges of material condition of the contract.
13. While submitting the offer, the following vehicle documents (Xerox copies) must be attested.
- Valid Shop and Establishments Registrations.
 - PAN card copy
 - GST Registration.
 - Technical specification booklet of offered material.
 - Experience certificate for similar type of work along with order copies.

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14. The Company's general terms and conditions of contract shall be applicable to this contract and will be bind on you.
15. Right to reject any or all quotations without assigning any reasons is reserved by the undersigned.

Encl: Schedule "A"



**SUPERINTENDING ENGINEER
EHV O&M Circle, Akola**

Copy to:- **The Manager (F&A), EHV O&M Circle, Akola.**

Contractor's Letterhead:-

Ref:-

Date:-

To,
The Superintending Engineer,
EHV O&M Circle,
Akola

Sub: - Submission of quotation for procurement of Tertiary Lightning Arrestor, 33 kV NCT and 33 kV PT as a spare at 400 kV R.S. Akola under 400 kV R.S. Division, Akola.

Ref : - Your office E-enquiry – SE/EHV/O&M/CIR/AKL/Tech/F-40B/No.130 Date:- 07.02.2025

Respected Sir,

I am ready to Supply **Tertiary Lightning Arrestor, 33 kV NCT** and **33 kV PT** as a spare at 400 kV R.S. Akola under 400 kV R.S. Division, Akola as per terms and condition of Enquiry cited u/r and same are binding on me. I offered following rates for Supply of **Tertiary Lightning Arrestor, 33 kV NCT** and **33 kV PT** as per Schedule "A".

SCHEDULE "A"

Sr. No.	Particulars	Units	Qty	Estimated Rate / Unit including all taxes except GST. (Rs.)	Agency Rate / Unit including all taxes except GST. (Rs.)
1.	54 kV 10 kA Stn MO Gapless Surge Arrestor	EA	1	26,752.87	
2.	39 kV 10 kA Stn MO Gapless Surge Arrestor	EA	1	11,250.27	
3.	33 kV NCT 2000/1A 1C	EA	1	22,741.84	
4.	33 kV PT (33 kV/110V)/√3 2C RVF 1.2 Cont & 1.9 for 8 Hours	EA	4	63,150.25	

Thanking You.

Yours faithfully

Contractor's seal & Signature

Terms & Condition of offer –

1. The rate quoted above is exclusive of GST, however GST will be extra as applicable.
2. I agreed all the terms & condition of E-enquiry- SE/EHV/O&M/CIR/AKL/Tech/F-40B/No.130 Date- 07.02.2025
3. **Documents enclosed as per following list**
 - a. Valid Shop and Establishments Registrations.
 - b. PAN card copy
 - c. GST Registration.
 - d. Technical specification booklet of offered material.
 - e. Experience certificate for similar type of work along with order copies.