

MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.

(CIN No.U40109MH2005SGC153646)

From:
Office of the Executive Engineer
EHV O&M Division, MSETCL, Mirjole Road,
MIDC, Ratnagiri – 415 639
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Ref. No.: EE/EHV O&M DN/RTN/T/ **No.01248**

Date: **24.10.2025**

Enquiry

Sub: Enquiry for Supply of Over current & earth fault relay at 132 kV Kudal S/s, 220 kV Niwali S/s, 220 kV Kharepatan S/s, 110 kV Arawali S/s & 110 kV Ratnagiri S/s, under EHV O&M Division, Ratnagiri.

Dear Sir,

Please offer your reasonable rates in % percentage only for Enquiry for Supply of Over current & earth fault relay at various EHV S/s, under EHV O&M Dn. Ratnagiri.

Terms and Conditions:

- 1) **Due Date:** Sealed & Super scribed quotations complete in all respect are invited, so as to reach this office on or before **31.10.2024** upto **18:00 Hrs.** The envelope should be superscribed as “Quotation of Supply of Over current & earth fault relay at 132 kV Kudal S/s, 220 kV Niwali S/s, 220 kV Kharepatan S/s, 110 kV Arawali S/s & 110 kV Ratnagiri S/s under EHV O&M Division, Ratnagiri on following terms & conditions and as per schedule ‘A’ & Annex ‘W’ mentioned below.

The bidders are requested to go through the following instruction in case of any doubt, get them clarified in writing or in person from the office of the Executive Engineer, EHV O&M Division, Ratnagiri in advance before three days.

Quotations should be submitted in sealed cover subscribed with following particulars:

Consisting of two separate envelopes with

- i) Technical qualifying documents
- ii) Price bid documents

Envelope 1:

This envelope should contain qualifying documents mentioned in Terms & Conditions Sr. No. 2.

Envelope 2:

This envelope should contain only price bid in % percentage for given schedule ‘A’.

Above both “Envelope 1 & Envelope 2” shall be enclosed in one envelope in sealed & superscribed.

After verifying the full documents in Envelope 1, if it is found that, the bidder fulfills the desired pre-requisites & qualifies then Envelope 2 will be opened. If the same is not found meeting the pre-requisite, Envelope 2 will not be opened.

Quotations with incomplete details or submitted without sealing or superscribing or not submitted in prescribed form etc. are liable to reject. **Offer on fax or Email will not be accepted.**
This office will not be responsible in delay in postal transit.

2) **Qualifying conditions:**

- a) Proof of firm being registered as shop establishment/firm/Company as applicable.
- b) Valid GST registration certificate.
- c) Copy of PAN/TAN.
- d) Experience certificate of execution of similar type of work from authority not below the rank of Executive Engineer OR Equivalent in Govt./Semi Govt. Utility.
- e) **Proforma 'ANNEXURE-G'.**

3) **Price bid/Commercial bid:**

This bid will be opened in respect of technically qualified bidders only i.e. Bidders who are qualified in Technical bid or submitted technical qualifying documents successfully. This bid should contain the rate quoted by agency as per the schedule. The rates quoted shall inclusive of all the material, T&P, taxes & personal required for execution of the work.

- 4) **SCOPE OF WORK:** The scope of work consists of " Supply of Over current & earth fault relay at 132 kV Kudal S/s, 220 kV Niwali S/s, 220 kV Kharepatan S/s, 110 kV Arawali S/s & 110 kV Ratnagiri S/s, under EHV O&M Division Ratnagiri " as indicated in schedule 'A' attached.
- 5) **VALUE OF WORK:** The overall contract value of the work entrusted to you, is limited upto **Rs. 96,288/-** (Rs. Ninety-Six Thousand Two Hundred Eighty-Eight only) including all taxes, duties and incidental charges.
- 6) **RATES:** Rates in Schedule 'A' are inclusive of GST. No extra amount against any taxes, transport will be given at any cost.
- 7) **PENALTY:** The material shall be supplied within 45 days from the date of receipt of work order otherwise you will be liable to pay penalty at rate @ ½% per week subject to max.10% of the total value of work order amount.
- 8) **MATERIAL:** It is mandatory to supply branded & quality material strictly confirming to our specifications & type as stated in schedule. If any defect observed in the material supplied by you, the same should be replaced by you free of cost & without delay.
- 9) **PAYMENT:** You will have to submit the bill to concern S/s, in the name of EHV O&M Division, Ratnagiri, after satisfactory completion of work for the works executed and also submit bill through Bill Tracking System (BTS). After receipt of technically scrutinized bill in triplicate (Indicating PAN No., GST Reg. No.) with Guarantee certificate to this office, 100% payment will be made in reasonable time subject to availability of funds. No advance/ part payment will be made.
- 10) **COMPENSATION:** If any accident occurs to any of your worker/your supervisor/or outsiders during execution of the work will be on your account. The MSETCL Company will not be responsible for such accident/ compensation payment etc.
- 11) **DISQUALIFICATION:** Bid shall be disqualified for following case:
 - a) Disclosing untrue and/or false information or withholding information or part of information.
 - b) Record of poor performance such as unsatisfactory work or abandoning the work or delay in work etc.
 - c) Insufficient experience.
 - d) Non submission of document as per above list.
- 12) **WARRANTY:** Warranty certificate against any defects due to bad material, faulty design or poor workmanship for a period of 12 months from the date of supply or 15 months from the date of commissioning whichever comes earlier. For any manufacturing defects, faulty workmanship or sub-standard material, agency shall repair/ replace the faulty equipment at their discretion.

- 13) DELIVERY: The delivery of material at destination should be completed within 45 days from the date of dispatch of work order.
- 14) TRANSPORTATION: Transportation of material and labour required for execution of the work to respective site will be on agency scope and no any extra payment for the same will be made. It will be sole responsibility of agency to supply all the material at substation site and MSETCL will not be responsible for any kind of transportation work.
- 15) Other standard terms and conditions of MSETCL for supply orders will be applicable in this case also.
- 16) TAXES: GST as applicable is included in the work order value. Taxes will be recovered as per prevailing rates from your bill. You should mention PAN No. & GST No. on your bills.
- 17) DISPUTE: In case of any dispute, arising out of or in connection with this contract, shall be to the jurisdiction of Ratnagiri Court only.
- 18) CANCELLATION OF ORDER: MSETCL reserves the right to cancel the order fully or any portion thereof without assigning any reasons at any stage.
- 19) SECURITY DEPOSIT: Security deposit i.e. 5% of order value to be paid within 7 days in terms of cash/DD/Bank Guarantee of Nationalized bank/scheduled bank in favour of the Superintending Engineer, EHV O&M Circle Kolhapur from the date of issue of LOI. The same will be refunded in the normal course, after satisfactory completion of work subject to deductions, if any.
- 20) RISK & COST: If you fail to supply the materials in stipulated time the balance materials will be procured at your risk and cost or Security deposit will be forfeited in addition to above.
- 21) **Bidders have to submit an undertaking in the attached Proforma 'ANNEXURE-G' declaring that their Firm is not Debarred/Blacklisted by Govt./Semi Govt./Other Power Utilities, anywhere.**
- 22) Undersigned reserve the right to cancel order in part or full at any time without giving the notice.
- 23) The MSETCL's general terms & conditions of work contract are applicable to this order.

Thanking You.

Encl: Schedule 'A', Annex 'W'
& Annexure-G

Yours faithfully

Sd/-
(K. D. Daware)
Executive Engineer
EHV O&M Dn., Ratnagiri

Copy s.w.r. to: The Superintending Engineer, EHV O&M Circle, Kolhapur.

Copy to: Dy. Manager (F&A) EHV O&M Division, Ratnagiri / Notice Board.

**MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.
EHV O&M DIVISION, RATNAGIRI**

Name of work: Supply of Over current & earth fault relay at 132 kV Kudal S/s, 220 kV Niwali S/s, 220 kV Kharepatan S/s, 110 kV Arawali S/s & 110 kV Ratnagiri S/s, under EHV O&M Division Ratnagiri.

ANNEXURE –'W'

Sr. No.	Name of substation	Req. Qty.	Details of Relay
1	220 kV Niwaliphata	1	Details of Relay 1. Current rating /1A 2. Aux power supply 220VDC
2	220 kV Kharepatan	1	Details of Existing O/C & E/F (IDMT) relay for 33KV Phondaghat Feeder at 220KV Kharepatan Substation. 1. Name of Feeder: 33KV Phondaghat Feeder 2. DC Voltage: 220V DC 3. Make: Easun Reyrolle 4. Reason: not showing fault currents magnitude.
3	110 kV Ratnagiri	1	Details of relay are as below: 1. Name of feeder- 33kV Sangmeshwar feeder 2. Relay malfunctioning/faulty Date- 16.07.2025 3. Type/model- Ashida make ADR 131A 4. DC Voltage- 110V DC 5. Reason- problem of power supply
4	110 kV Arawali	1	Details of Existing relays at 110 KV Arawali Substation. 1. Name of feeder- 33 kV Sangmeshwar Feeder 2. Relay malfunctioning/faulty Date- 17/08/2025 3. Type/model-Asida Numerical OC/EF AM00301 4. DC Voltage- 110V DC 5. Reason- key Buttons are not operating, Relay shows abnormal display/ blank screen
5	132 kV Kudal	1	Details of the relay is as follows: 1. Name of the Feeder: 33kV Usha-Ispat 2. Type: MIT114 Numerical Overcurrent Protection Relay 3. Sr. No.: BR0700900 4. Model: Easun Reyrolle under Genesis range 5. Faulty Date: Approx. January 2025 6. DC Voltage: 43-280V DC 7. AC Voltage: 110V AC 8. In: 1-5A & Frequency-50H

Sd/-
(K. D. Daware)
Executive Engineer
EHV O&M Dn., Ratnagiri

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SCHEDULE 'A'

Sr. No.	Particulars	Unit	Qty	Unit Rate Incl. Taxes	Quote Rates in % Basis (At Par/ Above/ Below)
1	Supply of Non directional overcurrent / Earth fault relays: Make: - Any standard make (L&T/AVANA/ Siemens etc.) Rated secondary current: - 1A & 5A (dual rated) Rated frequency: - 50 HZ $\pm$ HZ Auxiliary Power Supply: -24V to 240V AC/DC $\pm$ 15 % Relay setting: - Overcurrent: - 0.2 to 2.0 times* In in steps of 0.01In High set Overcurrent: - 1 to 40 times *In steps of 0.1- with time delay (0 to 60sec, step 10ms) Earth Fault: - 0.05 to 0.8 times in steps of 0.01 High set Earth Fault: - 0.1 to 20 Times in steps of 0.1- with time delay (0 to 60sec, step 10ms) TMS: - 0.1 to 1.6 in steps of 0.01 Operating characteristic: NI3, NI1.3, VI, EI, DT (1s,10s,100s) High set operating time: - less than 50 millisecond Pick up current: - same as set current Reset current: - 95% of pick up current Burden: - less than 0.25VA /Phase at CT inputs Separate LED for Power ON, Trip status for R, Y, B, &E Output Relay Contact: - 8 N/O contacts 1 N/C contact for Internal relay fault Overload capacity: - 2 times rates current continuously & 20 times rates current for 1 sec. The relay should have dot matrix display with backlight on front panel to read various settings, on load values, last trip data etc. Features: - Latest 30 fault recording, latest 20 event recording, self-supervision, Programmable contacts, Dust proof enclosure, DIN standard Draw-out case.	No.	5	19257.60	

Note:

- 1) Taxes if any should be quoted separately otherwise it will be presumed that the rates are inclusive of all taxes.
- 2) Above rates are inclusive of all taxes (LC @1% & GST @18%).
- 3) Schedule is enclosed for reference only.

The total value of order is Limited upto Rs. **96,288/-** (Rs. Ninety-Six Thousand Two Hundred Eighty-Eight only) including of all taxes.

Sd/-
(K. D. Daware)
Executive Engineer
EHV O&M Dn., Ratnagiri

Sub: Bidders Debarred/ Blacklisted by Government/ Semi-Government/Other Power Utilities --- Prohibiting participation of such Firms in MSETCL Tenders

ANNEXURE-G

Undertaking to be submitted by the Bidder declaring that Bidder is not Debarred/ Blacklisted by Government/ Semi-Government/Other Power Utilities

I/We hereby declare that I/We is/are participating in MSETCL's E-Enquiry for Supply of Over current & earth fault relay at 132 kV Kudal S/s, 220 kV Niwali S/s, 220 kV Kharepatan S/s, 110 kV Arawali S/s & 110 kV Ratnagiri S/s, under EHV O&M Dn., Ratnagiri.

As on date of submission of this Tender, I/We hereby declare that My Firm/We is/are not Debarred/ Blacklisted by Any Government/ Semi-Government/Other Power Utilities, anywhere.

The above declaration is true to the best of My/Our knowledge and belief.

I/We hereby agree that in case My Firm/We are Debarred/ Blacklisted by Any Government/ Semi- Government/Other Power Utilities, anywhere, My/Our Offer is liable for rejection at any stage of Tendering process as per Tender Conditions.

Further, I/We hereby understand and agree that in case My Firm/We are Debarred/ Blacklisted by Any Government/ Semi-Government/Other Power Utilities, anywhere, My/Our order is liable for termination at any stage of Order execution process and My Firm/We shall be solely responsible for the consequences arising out of it.

Signature & seal of the Tenderer