

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD
(CIN NO- U40109MH2005SGC153646)

Office of The Executive Engineer MSETCL PAC Division,
Near Market Yard, Bapat Camp, Kolhapur
Tal: - Karvir, Dist-Kolhapur-416 005
E-mail: - ee3530@mahatransco.in, Phone No. 0231-2662668.

MSETCL/EE/PAC/DN/KOP/T/No- 376

Date:- 24-10-2025

E-Enquiry

Sub:- E-Enquiry for supply of Non directional overcurrent / Earth fault relays under PAC Division Kolhapur.

Dear Sir,

Sealed and super scribed quotations are invited from the experienced agencies for the above said work on item rate basis, so as to reach the office of Executive Engineer, MSETCL, PAC Division, Bapat Camp, Kolhapur **upto:-03.11.2025 @ 17:00 Hrs.**

Terms & Condition

<u>Sr. No.</u>	<u>T&C</u>	<u>Particulars</u>
<u>1</u>	Prices:	The rates will be accepted as per Schedule A & details specifications as per attached sheet with supply of Non directional overcurrent / Earth fault relays under PAC
<u>2</u>	Taxes	Rates are inclusive of all the taxes.
<u>3</u>	Validity of offer	Validity of work order will be 12 month from the date of issue of work order or exhaustion of work order amount
<u>4</u>	Security Deposit	You will have to pay Security Deposit 10% of order value before issue of work order. Which is refunded after completion of guarantee period & NOC from Incharge.
<u>5</u>	Material check	The supplied material will be tested by the PAC division Kolhapur. Upon tests found OK, further payment will be issued.
<u>6</u>	Scope of work	Supply of material as per the specification mentioned in the schedule & attached sheet of the work order at PAC Dn, Kolhapur.
<u>7</u>	Delivery Period	Material should be delivered within 15 days from the date of issue of work order at EHV O&M Division Kolhapur.
<u>8</u>	Penalty:	In case of material not supplied as per schedule in specified time i.e within 15 days from the Dt of issue of work order, the contractor shall be liable to pay penalty @ 1/2% per week on work order amount subject to maximum 10% of order value. Further, if any defect observed in the supplied material then it should be replaced within 7 days from the Dt. Of handing over, otherwise 1% penalty per week on work order amount will be implemented till the material is not delivered and same will be deducted from security deposit.
<u>9</u>	Govt. Rules	You shall abide with all Govt. rules, regulations, status for this work including workman compensation act etc.
<u>10</u>	Quality Materials of	The materials used for this work should be of best quality and confirming to the IS standards. The bad quality material will be rejected. Material will be approved by the Executive Engineer in charge.

<u>11</u>	Accidents	Any accident to your labour during the execution of work, any loss/ damage to MSETCL property will be on your account and you will have to make it good at your cost.
<u>12</u>	Risk Purchase	In case of failure to execute the order, the same will be purchased from other agency at our description and difference in cost will be recovered from the tenderer in addition to forfeiture of S.D.
<u>13</u>	Insurance:	Not applicable
<u>14</u>	Accommodation	Not applicable
<u>15</u>	Payment/Bills	The bills should be submitted in triplicate to Concern In-charge. 100% payment will be made on production of following document & completion of ERP activities. A) Invoice B) b) Proof of material receipt on delivery challan. C) Guarantee Certificate.
<u>16</u>	Guarantee	The materials should be guaranteed against manufacturing defects, for a period of 1 year from date of supply of the material. Within guarantee period if any defect observed it should be replaced free of cost within 7 days from the Dt. Of intimation.
<u>17</u>	All disputes	All disputes / differences arising under/ out of or in connection with the contract shall be subject to the exclusive jurisdiction of Kolhapur court only.
<u>18</u>	General T&C	The MSETCL Terms and Conditions of work contract are applicable for this work.
<u>19</u>	Monitoring of Order amount	You should have to monitor work order amount. If the work exceeds beyond work order amount, excess amount will not be paid at any cost.
<u>20</u>	Reserve the right to cancel order	Undersigned reserve the right to cancel order in part or full at any time without giving in notice.
<u>21</u>	Estimated value	Total Estimated value is limited upto Rs.88,500/- (Incl. Of all taxes)
<u>22</u>	Sample Approval	Lowest bidder will be asked to supply the sample Non directional overcurrent / Earth fault relays and accordingly sample approval will be given. Agency should submit sample within 10 days from the Dt. Of intimation.

Sd/-
Executive Engineer
PAC Division, Kolhapur

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supply of Non directional overcurrent / Earth fault relays under PAC Division Kolhapur.

Schedule A

Sr. No:-	Particulars of Work	Unit	Qty	Rate per unit Incl. GST	Quote Rates in % basis Above/ Below/ At Par Incl. All Taxes
1	Supply of Numerical, non-directional, communicable Over current and earth fault relay having specifications as per attached sheet of specification.	No.	03		

Note:

- 1) Above rates are Incl. of GST @ 18%.
- 2) Please quote rates in % basis.
- 3) Schedule A & specification sheet is enclosed herewith for ready reference only

Note Following documents should be Submitted along with Quotations :

Sr. No.	Particular
1	Registration under GST
2	PAN Card copy.

Sd/-
Executive Engineer
PAC Division Kolhapur

Details specifications of Non directional overcurrent / Earth fault relays

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.

Optional features: -

Front USB communication, Relay should have LBB feature with separate contact for LBB Retrip & bus trip.

With following Functions: -

Over Current Protection (50/51)

Earth Fault Protection (50N/51N)

Breaker Failure (50BF)

Auto Reclosure (79)

Trip Circuit Supervision (95)

CB Fail

CT Supervision

Front USB Port

Rear RS485 Port (Modbus)

Rear RS485 Port (IEC60870-5-103)

Programmable LED

Digital input - 6

Digital output - 8

Fixed type case / enclosure

Draw-out type case / enclosure