

**MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO.LTD**  
(CIN No.U40109MH2005SGCI53646)

**Office of the Executive Engineer**

EHV O & M Division-I, Pune

Block No.406, Administrative Building, 3<sup>rd</sup> Floor, Rasta Peth, Pune-411011

Phone No : 7030964477/9422619391 E-mail- ee6140@mahatransco.in

EE/EHV O&M Dn.-I/Pune/Tech./

N 0 3 2 7

Date : 13 FEB 2023

**Sub:-**SRM enquiry for the work of repair,calibration and supply of battery of I.R tester (Make-Megger) at various substations under EHV O&M Division-I,Pune.  
(RFX No: 7000026169)

Dear Sir,

Online bids are invited in two bid system for the work of repair, calibration and supply of battery of I.R tester (Make-Megger) at various substations under EHV O&M Division-I,Pune. on or before **21.02.2023** upto 11:00 Hrs.on following terms and conditions:-

**TERMS AND CONDITIONS:-**

**Submission of bid**

Two bid system should be followed for submitting the offer. Uploading of required documents shall be done on MSETCL's SRM E-tender website <https://srmetender.mahatransco.in>

**A. Techno –Commercial bid:**

This should contain following documents certificates (all self attested copies) as a proof of qualifying pre-requisites, brochures, attested certificates etc.

- a) Valid copy of Electrical License.
- b) Valid Copy of valid shop act & establishment registration/NOC of Grampanchayat/Udyog Adhar.
- c) Valid Copy of Pan card.
- d) Valid registration under GST .
- e) Work experience certificate of similar type of work executed (not below the rank of Executive Engineer)

**If validity of any license/certificate expires during order period, you will have to renew the same & submit the copy to this office. Payment will be affected for valid period only.**

**B. Commercial bid:-**Bidder should upload the digitally signed price bid under commercial bid online.

a) Techno-commercial bid will be opened online for all received bids. After verifying the all documents /certificates submitted in techno commercial bid for prequalification as mentioned above, if it is found that, the tenderer fulfills the desired prerequisites; the price bid will be opened online. If the same is not found to be meeting the prerequisite, the commercial bid shall not be opened. Bids with incomplete details or not submitted in prescribed form etc. are liable to reject.

b) This office reserves all the rights to reject any or all Bids without assigning any reasons thereof.



- c) The technical documents should be uploaded in the technical bid & commercial documents /offer/price bid should be uploaded separately, in case both technical & commercial bid are uploaded in one file wrongly, the offer will be rejected.
- d) The estimate rates given by this office are inclusive of taxes. However, the bidder should quote rates exclusive of all taxes. The taxes should be quoted separately.

**1.VALUE OF THE WORK ORDER:-** Value of the work order will be **Rs.3,46,031/-** (Rs.Three Lakh Fourty Six Thousand and Thirty One Rupees Only).

**2.SIGNING OF CONTRACT/ AGREEMENT:** The contractor shall enter into an agreement of Rs. 500/- ( As per estimated Amount) with the MSETCL within 07 days from the date of receipt of the work order. The MSETCL will not be liable to pay nor shall the contractor be entitled to claim amount due or payable under the contract until the agreement is executed. The necessary stamp duty for the agreement shall be borne by the contractor.

**3.SECURITY DEPOSIT :** The contractor has to submit, Security Deposit @ of 5 % of the total value of the order within 07 days from the date of receipt of the work order to this office by Online payment /NEFT/RTGS/D.D./ B.G./ fixed deposit in nationalized or scheduled bank after acceptance of the work order and before starting the execution of the work as per work order. In case of DD /BG / FD, the validity shall be upto 90 days from the due date of completion i.e. 31.03.2023. However, the Security Deposit will be refunded within 90 days from the due date of completion. The Owner is not liable to pay any interest or compensation to the Contractor for retaining the Security Deposit after the end of the due date of completion.

**4. WORK COMPLETION PERIOD:-**The work of repair,calibration and supply of battery of I.R tester (Make-Megger) at various substations under EHV O&M Division-I,Pune should be started within 2 days after the intimation of substation Incharge and shall be completed within 3 days per occasion . Total scope as per schedule 'A'shall be completed within 2 months from the date of issue of work order or 31.03.2023 whichever is earlier.

**5.TIME THE ESSENCE OF CONTRACT :** The time stipulated in the work order for the completion of works shall be deemed to be the essence of the contract The Contractor shall so organise his resources and perform his work as to complete it not later than the date agreed to.

**6.WORKMANSHIP AND MATERIAL :** All materials used in the manufacture shall be high graded, free from defects and imperfection, recent manufacture & unused. Materials shall, confirm to the latest specifications of BIS, where applicable & it should be as per MSETCL specification. All work shall be performed and completed in accordance with the best shop practice. Material Supplied by contractor should be inspected by Executive Engineer OR his representative before starting the work. If Material is not as per MSETCL Standard & Specifications, then said material will be liable to reject. MRC of supply shall be carried out jointly and signed by operating officer & the contractor. Format for the MRC is enclosed herewith.

Quality of work to be carried out should be strictly confirmed to our specification, otherwise same will be rejected and contractor has to do the same at his cost and risk only. All work shall be performed and completed in accordance with the best shop practice.

A. Minutes of meeting shall be recorded; for observations, spares to be supplied, works to be carried out & before execution of the work; and duly signed by the contractor & the owner or his representative/operating officer of MSETCL.



- B. Material shall be inspected & approved by the EE or his representative/operating officer.  
C. MRC & JMC of works shall be carried out jointly and signed by operating officer & the contractor.  
D. The replaced material shall be handed over to the operating officer & handing over note shall be signed by the operating officer & the Contractor.  
E. All above documents shall be submitted along with the bill. The prescribed formats will be issued with the final work order.

**7. Technical Skilled Persons:-** The contractor shall deploy and provide onsite only such employees who are skilled and experienced for execution and supervision of works. He shall also be responsible for any injury / accident to his employees, payment of compensations etc. as may required to be paid eventually, shall be borne by the contractor himself.

**8. PACKING, FORWARDING AND TRANSPORTATION ETC. :** The Contractor shall be fully responsible for packing, forwarding, transportation by authorized mode of transport, clearance of equipment and further transportation at site to place of works/storage yards etc, in respect of material in his scope.

**9. SUPERVISION OF WORK:** The work should be carried out under the supervision of the substation in charge of respective substation. The work carried out without supervision will not be recorded and payment will not be released for such works which may please be noted.

**10. SUBMISSION OF DOCUMENTS:-** You have to submit the renewed documents (if expired) during order period otherwise payment will be held till the submission of documents.

**11. PENALTY :**

A) **Delay in execution of work:** If the contractor fails to complete the total work in all respects in the stipulated time as mentioned above, he will be liable to pay a penalty **at rate of 1% per week subject to maximum limit of 10% of the total value of the order.**

B) **Performance of work:** During the contract period, if it is found that performance of work is unsatisfactory, the contract is liable for termination by giving 3 days prior notice and the contractor's entire risk. The security deposit paid by the contractor shall be forfeited.

C) **Delay in starting the work:** If it is found that the contractor fails to execute the agreement/ start the work within stipulated time period, the contract is liable for termination by giving 3 days prior notice. The EMD / SD paid shall be forfeited.

**12. SUBMISSION OF TAX INVOICE :** The original tax invoice shall be submitted to the Executive Engineer, EHV O&M Division-I, Pune as per Schedule 'A'. The bills must be submitted along with Material Receipt Certificate/joint measurement certificate signed by both parties, and the documents mentioned in CL 06. Bill shall be submitted in triplicate.

SES for the executed work as per the actual quantity will be done by operating officer of respective substation. The payment will be effected by Division office accordingly, subject to availability of funds after receipt of the bills.

**13. PAYMENT TERMS:** 100% payment will be done after the work completion per occasion and on the submission of Tax Invoice as mentioned in CI No. 12 above.



**14. MODE OF PAYMENT:** The payment will be disbursed vide RTGS / NEFT by Division office.

**15. DEDUCTION OF TAXES:** Income Tax TDS @ 2 %, GST TDS @ 2% & labour cess @1% will be deducted from the contractor's bill.

**16. GUARANTEE PERIOD :** You will have to give the Guarantee of above work up to period of 12 months from the satisfactory completion of a particular work . Warranty/ Guarantee certificate shall be submitted by the contractor for the completed works. Any defects developed during guarantee period should be rectified at the cost of contractor.

17.The T&P/labour/machinery/equipment/material if required for the work shall be on contractor's account.

**18. TERMINATION OF CONTRACT WITH RISK & COST :** If the agency fails to complete the work fully as given in Schedule against the order, within the stipulated period, the Company shall be at liberty, with prior notice of 3 days, to get the work on account of and at the risk of the contractor. MSETCL will prefer a claim for the difference in price and for all expenses whatsoever incurred in getting the same work. The said claim shall be recovered from any payment due to the Contractor from MSETCL , i.e. from bills or deposit or on any account; such expenses will also include 15% Supervision charges. The owner reserves the right to Terminate / cancel the contract, in the event of the breach of contract in any respect or undue delay in execution of work / starting of the work.

**19. Ideal labour hours:-** In case of suspension of work or delay in work due to any reason or stay order of the Court of Law etc., no compensation will be paid by the MSETCL against idling of labours / idling of machinery etc., during the period.

20.The contractor shall have to make his own arrangement for Transport of man power, tools and Tackles in adequate quantity whenever required.

**21.RECOVERY:**Whenever any recovery towards losses/damages/shortages etc. is applicable; the same shall be recovered from contractor's bill, as assessed by the Operating officer / Engineer-In-Charge. Recovery other than mentioned in work order placed to successful bidder will be done after consent of both parties.

**22 FORCE MAJEURE:** Only the following conditions shall be considered for the purpose of this clause.

- a. Natural Phenomenon such as floods, Draughts, Earthquakes, Epidemics etc.
- b. Acts of any Government, Domestic or Foreign such as war (declared or undeclared) quarantines, embargoes.

The party affected by 'Force Measure' shall within 15 days of the occurrence of such a cause notify the MSETCL in writing with sufficient documentary proof. The Contractor or the Owner shall not be liable for delays in performing their respective obligations resulting from any force majeure causes as defined above. The date of completion will be extended by a reasonable time by mutual agreement.

**23. SUBLETTING THE CONTRACT:** The contract or any part thereof shall not be assigned, transferred, or sublet without the prior written permission of the undersigned. Even if such permission is granted, it shall be responsibility of the principal contractor to whom the work order originally issued to execute the works as per the terms of the contract.



**24. DETAILS CONFIDENTIAL:** The Contractor shall treat the Contract and everything contained therein as private and confidential. In particular the Contractor shall not publish or share any information, drawing or photograph concerning the works and shall not use the site for the purpose of advertising except with the written consent of the Engineer and subject to such conditions as he may prescribe.

**25. JURISDICTION:** All disputes, differences related to the tender contract shall be subject to the exclusive jurisdiction of Pune District Court.

**26. COMPENSATION:** If any accident occurs to any of your worker / your Supervisor / or outsiders while carrying out the work, same will be on your account. The MSETCL will not be responsible for such accident/ compensation payment etc.

**27. LOSS OF MATERIAL:** You will have to keep your material in safe custody at your end. The MSETCL will not be responsible for the loss of the material kept at MSETCL's site. The accommodation for your staff will not be provided by the MSETCL.

**28.** In case of any dispute whatsoever, regarding interpretation of the terms and conditions, or quality, the decision of the Executive Engineer, EHV O&M Division- I Pune will be final and binding on the contractor.

**30.** All other Standard Terms and conditions prescribed by MSETCL, regarding works, which are not specifically stated here, are also applicable to this contract and shall also form a part of the contract and shall be binding on the successful bidder.

**31.** The undersigned reserves right to Accept/Reject/Cancel the above enquiry.

Encl: Schedule A,B,C.

Yours faithfully,



Executive Engineer  
EHV O&M Division- I, Pune.

| No. | Particulars of work  | Service No. | Unit | Qty. | Unit Rate | Unit Rate with GST | Amount             |
|-----|--|-------------|------|------|-----------|--------------------|--------------------|
|     | <b>Material Part</b>   |             |      |      |           |                    |                    |
| 1   | Rechargeable Battery of 12 V for MIT 520/2 , 5 KV Digital IR Tester. (Replacement of Battery ) | 500018102   | No.  | 3    | 5509      | 6501               | 19501.86           |
|     | <b>Labour Part</b>   |             |      |      |           |                    |                    |
| 1   | Replacement of HV PCB Assy. of Insulation Tester ( Repair of High Voltage Board)               | 50018861    | No.  | 3    | 44539.83  | 52557              | 157671.00          |
| 2   | Repairing of Power Board of Insulation Tester Kit ( Repair of Power Board )                    | 50012821    | No.  | 2    | 43500.00  | 51330              | 102660.00          |
| 3   | Calibration of Insulation Tester   | 50004030    | No.  | 12   | 4675.00   | 5517               | 66198.00           |
|     |  |             |      |      |           | <b>Total</b>       | <b>3,46,030.85</b> |
|     |  |             |      |      |           | <b>Say</b>         | <b>3,46,031</b>    |

Amount Rs. - Three Lakh Fourty Six Thousand & Thirty One Rupees only.

*V.D. Munde*  
(V.D. Munde)

Executive Engineer  
EHV O&M Division-I, Pune



| MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD |                         |  |  |   |                        |
|--|-------------------------|--|--|---|------------------------|
| EHV O&M Division-I,Pune                                |                         |  |  |   |                        |
| SCHEDULE 'B'   |                         |  |  |   |                        |
| Sr. No   | Name of sub-station     | Rechargable battery replacement (Material) | Replacement of HV PCB Assembly (Service) | Repairing of Power board of IR tester Kit (Service) | Caliberation (Service) |
|  |                         | 500018102                                  | 500018861                                | 50012821  | 50004030               |
| 1  | 220Kv Phursungi         | 1  | 1  | 1   | 1                      |
| 2  | 220Kv Serum             | Nil  | Nil                                      | Nil   | Nil                    |
| 3  | 220kV Nandedcity S/s    | Nil  | Nil                                      | Nil   | 1                      |
| 4  | 220kV Parvati           | 1  | 1  | Nil   | 1                      |
| 5  | 220 kV Khadki           | Nil  | Nil                                      | Nil   | 1                      |
| 6  | 220kV Theur S/s         | Nil  | Nil                                      | Nil   | 1                      |
| 7  | 220 kV Magarpatta SS    | Nil  | Nil                                      | Nil   | 1                      |
| 8  | 220 KV Kondhwa GIS s/sn | Nil  | Nil                                      | Nil   | 1                      |
| 9  | 132 KV GIS Rastapeth    | Nil  | Nil                                      | Nil   | 1                      |
| 10   | 132 kV Phursungi Stn    | Nil  | 1  | 1   | 1                      |
| 11   | 132 kV GKRS Stn         | Nil  | Nil                                      | Nil   | 1                      |
| 12   | 132 kV Mundhwa Stn      | 1  | Nil                                      | Nil   | 1                      |
| 13   | 132kV NCL SS            | Nil  | Nil                                      | Nil   | Nil                    |
| 14   | 132 kV kharadi Stn      | Nil  | Nil                                      | Nil   | 1                      |
| 15   | 132 kV Kothrud Stn      | Nil  | Nil                                      | Nil   | Nil                    |
|  | <b>Total</b>            | <b>3</b>                                   | <b>3</b>                                 | <b>2</b>  | <b>12</b>              |

  
 13 Feb  
 Executive Engineer  
 EHV O&M Div-1, Pune

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

**LIST OF SUBSTATIONS UNDER EHV (O&M) DIVISION-1, PUNE:**

**Schedule "C"**

| Sr.No. | Name of Substation | Address                                     | Contact No. |
|--------|--------------------|---|-------------|
| 1      | 220 kV Theur       | Theur, Tal. Haveli.                         | 7447440235  |
| 2      | 220 kV Phursungi   | Pune Saswad Road, Phursungi.                | 7447440256  |
| 3      | 220 kV Serum       | Manjri, Near Hadapsar, Pune.                | 7447440269  |
| 4      | 220 kV Magarpatta  | Sadesatranali, Hadapsar, Pune.              | 7447440263  |
| 5      | 220 kV Parvati     | Sinhgad Road, Pune.                         | 7447440242  |
| 6      | 220 kV Nanded city | Nanded, Sinhgad Road, Pune.                 | 7447440276  |
| 7      | 220 kV Khadki      | Ammunition factory, Khadki, Pune.           | 7447440249  |
| 8      | 220 kV Kondhwa     | Near PRA Estate Yeolewadi, Kondhwa, Pune-48 | 7447440291  |
| 9      | 132 kV Rastapeth   | Near KEM Hospital, Rastapeth Pune           | 7447440232  |
| 10     | 132 kV Mundhwa     | Bharat forge premises, Mundhwa, Pune.       | 7447440225  |
| 11     | 132 kV Phursungi   | Pune Saswad Road, Phursungi.                | 7447440223  |
| 12     | 132 kV Kothrud     | Kothrud, Pune.                              | 7447440809  |
| 13     | 132 kV NCL         | NCL Premises, Pashan, Pune.                 | 7447440227  |
| 14     | 132 kV Kharadi     | Khulewadi, Pune.                            | 7447440231  |
| 15     | 132 kV Ganeshkhind | Near chaturshringi temple, Pune.            | 7447440221  |

  
(V.D. Munde)

**Executive Engineer**  
**EHV O&M Division-I, Pune.**