



**MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO.LTD**

**(CIN No.U40109MH2005SGCI53646)**

 <p><b>MAHATRANSCO</b> Maharashtra State Electricity Transmission Co. Ltd.</p>	<p><b>Office of the Executive Engineer</b> EHV O &amp; M Division-I, Pune Block No.406, Admin Building, 3<sup>rd</sup> Floor, Rasta Peth, Pune 411011 Phone No : 7447440351 E- mail- ee6140@mahatransco.in</p>	 <p>एक एवम नयति स्वस्ति श्रीराज्याधिक २के ३५०</p>
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**EE/EHV O&M Dn.-I/Pune/Tech./ 405**

**Date :25.02.2025**

**Sub:** SRM E-enquiry for the work of providing Buchholz relay for power transformers at various EHV substations under EHV O&M Division-I, Pune.

Dear Sir,

Online bids are invited under a two-bid system for the work of providing Buchholz relays for power transformers at various EHV substations under the EHV O&M Division-I, Pune. The bids must be submitted online by Dt 26.02.2025 up to 11: 00 Hrs, as per the following terms and conditions:

**TERMS AND CONDITIONS:**

**Submission of Bid:**

Two bid system should be followed for submitting the offer. The required documents must be uploaded on MSETCL's SRM e-tender website: <https://srmetender.mahatransco.in>.

**A. Techno-Commercial Bid:**

This should include the following documents/certificates (all self-attested copies) as proof of meeting the pre-requisites, brochures, and certificates, etc.

- Copy of valid shop act & establishment registration/NOC from Grampanchayat/Udyog Adhar.
- Copy of PAN card.
- Valid GST registration certificate.
- Work experience certificate for similar work executed under MSETCL/MSEDCL/Government Sector/Private organizations.
- Income Tax Returns (ITR) for FY 2021-22, 2022-23, and 2023-24.

**If any license or certificate's validity expires during the order period, it must be renewed and submitted to this office. Payments will be affected for valid period only.**

**B. Commercial Bid:**

The bidder should upload a digitally signed price bid under commercial bid online.

- 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.

## **TERMS AND CONDITIONS:-**

### **1. VALUE OF THE WORK:**

The value of the work is Rs. 1,41,855/- (Rs. One Lakh Forty-One Thousand Eight Hundred and Fifty-Five Only).

### **2. SCOPE OF WORK:**

The work involves providing Buchholz relays for power transformers at various EHV substations under the EHV O&M Division-I, Pune, strictly as per the specifications mentioned in Schedule "A."

### **3. VALIDITY OF THE OFFER:**

The offer must remain **valid for a minimum of 120 days from the date of opening of the Price Bid**. Bidders must submit their offers complete in all respects before the submission date.

### **4. SECURITY DEPOSITE:**

The contractor must submit a Security Deposit of Rs. 14,185/- (10% of the total work order value) within 7 days from the receipt of the work order/LOI. The deposit should be in the form of a Demand Draft (D.D.), Bank Guarantee (B.G.), or Fixed Deposit from a nationalized or scheduled bank. The validity of the D.D./B.G./F.D. should be up to 60 days after the end of the Guarantee Period.

The validity of the DD / B.G. / F.D. shall be up to 60 days after the end of the Guarantee Period. The amount of the Security Deposit will be refunded after successful completion of the Guarantee Period & if applied within six months from the date of supply of the work as per work order .

The % of SD Clause in General terms and condition (6.9)of the work order may be vary as per rules & guidelines issued by MSETCL / Govt from time to time. Same will be binding on you.

### **5. SIGNING OF CONTRACT/AGREEMENT:**

**The contractor must enter into an agreement on Non-Judicial Stamp Paper worth Rs. 500/- (as per the estimated amount) with MSETCL within 7 days from the 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.

The equipment/ material required for supply material shall be on your account.

#### **6. WORK COMPLETION PERIOD:**

The work of providing Buchholz relay for power transformer at various EHV substation **shall be completed within 120 days from the date of issue of the work order.**

#### **7. START DATE OF WORK:**

The date of issue of the work order will be considered the start date of the work.

#### **8. EXECUTION OF WORK:**

The work will be supervised by the operating officer or the undersigned. The supply must adhere to MSETCL's standard practices and guidelines/directives of the operating officer. Erection work should be done departmentally.

#### **9. GUARANTEE PERIOD:**

**The bidder will must provide a guarantee for the work for a period of 12 months from the date of commissioning or 18 months from the date of supply, whichever is earlier.**

Warranty guarantee certificate shall be submitted by the contractor for the providing buchholz relay. Any defects developed during guarantee period should be rectified at the cost of contractor.

#### **10. WORKMANSHIP AND MATERIAL:**

The Buchholz relays should be sourced from an approved vendor of MSETCL. The contractor must ensure the authorized personnel are sent for providing the material, equipped with proper authorization and knowledge of the materials. They should carry a copy of standards to refer in case of disputes at site.

Material shall be inspected & approved as per the specifications by the EE or his representative/operating officer.

The documents shall be submitted along with the bill. The prescribed formats will be issued with the final work order.

#### **11. JOINT MEASUREMENT/INSPECTION REPORT:**

The Joint Inspection shall be done by the operating officer and the representative of the agency Before and After providing material. Comments / Observations shall be invariably mentioned in the said report. The Report shall be signed by both, the operating officer as well as representative of contractor. The Report not signed either MSETCL OR Contractor will be treated as invalid and No Payment against the work will be released.

## **12. PENALTY:**

**Delay in supply material:** If the contractor fails to provide material in all respect in stipulated time as mentioned above, he will be liable to pay penalty at rate of ½ % per day subject to maximum limit of 10% of the total value of the order & termination by giving 3 days prior notice and at contractor's entire risk.

## **13. GENERAL CONDITIONS:**

The contractor should be fully aware of MSETCL's general conditions for executing work. These are binding on the contractor.

## **14. TERMINATION OF CONTRACT WITH RISK & COST:**

If the agency fails to complete provide material fully or partly, within the stipulated period, the Company shall be at liberty, with prior notice of 3 days, to get the work done on account of and at the risk and cost 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. 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.

## **15. OPERATING OFFICER:**

The substation in-charge will be the operating officer for this work. The operating office shall inspect the material, as per MSETCL standard.

## **16. SUBMISSION OF TAX INVOICE:**

The substation wise 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, MOM, Guarantee/warranty certificates of work and material from the successful bidder. The payment will be effected by Division office accordingly, subject to availability of funds after receipt of the bills also.

**a)PAYMENT TERMS :** 100% payment will be done after the work completion and on the submission of Tax Invoice as mentioned in Cl No. 17 above.

**b)MODE OF PAYEMNT :** The payment will be disbursed vide RTGS / NEFT by Division office.

## **17. DEDUCTION OF TAXES:**

Statutory taxes will be deducted from the contractor's bill as applicable.

## **18. STATUTORY VARIATION IN TAXES AND DUTIES:**

A) In case any existing taxes or duties are enhanced or any tax or duty is newly introduced by Govt. applicable for this work with effect from the next day of first working day of the calendar month just previous to the month of due date of submission of the bid and if the Contractor is required to pay additional amount towards this tax or duty then the Owner shall reimburse the Contractor, at actuals, the additional tax or duty so paid by the Contractor

against submission by the Contractor of documentary evidence to the satisfaction of the Owner. The breakup of prices & % of taxes and duties considered for quoting is to be given in a separate schedule other than price schedule specified in this bid specification. **Rates quoted without separate breakup of price schedule shall be treated as firm rates and no variation on account of increase in taxes shall be payable. However, in case of reduction in taxes / duties, the reduction in rate shall be worked out considering quoted price includes that particular tax /duty.**

B) The above provision is applicable for any reduction in duty or tax from the next day of the first working day of the calendar month just previous to the month of due date of submission of the bid. Accordingly you shall pass on the benefit due to reduction in taxes and duties etc. to the Purchaser.

C) If any statutory variation regarding enhancement of existing tax or duty or introduction of a new tax or duty applicable for this work takes place in the extended period of Contract, no claim for additional cost due to statutory variation shall be entertained by the Owner.

D)The claims against statutory variation, if payable, would be settled as reimbursement of payment at actual. While submitting such claims, the Contractor shall include documentary evidence to establish that the extra amount claimed by the Contractor due to statutory variation was in fact paid by him solely on account of such statutory variation. This may vary from case to case depending upon the nature of statutory variation.

#### **19. RECOVERY:**

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

#### **20. FORCE MEASURE:**

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.

#### **21. 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.

## **22. DETAILS CONFIDENTIAL:**

The Contractor shall treat the Contract and everything contained therein as private and confidential. In particular the Contractor shall not publish 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.

## **23. JURISDICTION:**

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

## **24. COMPENSATION:**

If any accident occurs to any of your worker / your Supervisor / or outsiders while providing material the work, same will be on your account. The MSETCL will not be responsible for such accident/ compensation payment etc.

## **25. LOSS OF MATERIAL:**

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.

## **26. TRANSPORTATION OF MATERIAL:**

The contractor is responsible for arranging transportation of materials.

## **27. 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.**

a) 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.

b) Notwithstanding anything stated here, all other Standard Terms and conditions prescribed by MSETCL, regarding supply, 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.

c) The undersigned reserves right to Accept/Reject/Cancel the above tender without assigning any reasons thereof. Irrelevant documents if attached the bidder may be liable for rejection which may please be noted.

## **28. DISPUTE:**

In case of difference of opinion, misinterpretation of any of the condition of the contract. In connection with or arising out of the condition or during the period work, the decision of the under signed shall be final & binding on you.

**29.** While providing material, if any loss is caused to MSETCL, the same will be recover from you & work to be attended by you at your cost & risk only.

Thanking you.

Encl: Schedule A,B & C.

Yours faithfully,

**Sd/-**  
[ V.V.Borkar ]  
**Executive Engineer**  
**EHV O&M Division- I, Pune.**

**Copy s.w.rs to:** 1. The Superintending Engineer, EHV O&M Circle, Pune

**Copy to:** 1. The Dy. Manager (F&A), Division- I, Pune.

**MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.**  
**EHV O&M DIVISION-01, Pune**

**Schedule A**

**Sub:** - Work of providing Buchholz relay for power transformer at various EHV substation under EHV O&M Division-1,Pune.

<b>Sr. No</b>	<b>Particulars of work</b>	<b>SAP Material No.</b>	<b>Unit</b>	<b>Qty.</b>	<b>Ex-Works Unit Rate</b>	<b>GST @ 18% (Rs.)</b>	<b>Total unit Rate</b>	<b>Amount</b>
1	Magnetic reed type Buchholz relay for main tank 25MVA Transformer	500001459	EA	4	11508.00	2092.15	13715.23	54860.94
2	Magnetic reed type Buchholz relay for main tank of 40-50MVA Transformer	500024439	EA	2	15344.00	2789.54	18286.98	36573.96
3	Magnetic reed type Buchholz relay for main tank of 150-200MVA ICT	500026250	EA	1	14101.87	2563.72	16806.6	16806.6
4	Magnetic reed type Buchholz relay for main tank of 100 MVA Transformer	500029670	EA	2	14101.87	2563.72	16806.6	33613.21
	<b>Total</b>			<b>9</b>				<b>141854.7</b>

The detailed specifications Buchholz relay at Various substation under EHV O&M Division-1 Pune.

**Specification:-**1.Alarm and 2.Trip contact Reed switch .Alluminum die casting body. All joint by 'O'ring to avoid the leakage. Air injection test device with non return valve, Electric test device with push button for checking of 1.alarm and 2 trip contact terminals cover with top cover assembly.

Yours faithfully,

**Sd/-**  
[ V.V.Borkar ]  
**Executive Engineer**  
**EHV O&M Division- I, Pune**



**MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.**  
**EHV O&M DIVISION-01, Pune**  
**Schedule B**

**Sub:** - Work of providing Buchholz relay for power transformer at various EHV substation under EHV O&M Division-1,Pune.

<b>SR.</b>	<b>Name of SS</b>	<b>Description of Buchholz relay</b>	<b>Requirement</b>
1	132 kV Ganeshkhind	25 MVA 132/11 kV TF	2
2	132 kV NCL	25 MVA 132/11 kV TF	1
3	132 kV Kothrud	25 MVA 132/11 kV TF	1
4	132 kV Mundhwa	50 MVA 132/22 kV TF	1
5	132 kv GIS Rastapeth	-	NIL
6	132 kV Kharadi	-	NIL
7	132 kV Phursungi	-	NIL
8	220 kV Theur	50 MVA 220/22 kV TF	1
9	220 kV Phursungi	200 MVA 220/132 kV ICT	1
10	220 kV Parvati	100 MVA 220/22 kV TF	1
11	220 kV Khadki	100 MVA 220/22 kV TF	1
12	220 kV Magarpatta	-	NIL
13	220 kV Serum	-	NIL
14	220 kV Nandedcity	-	NIL
15	220 kV GIS Kondhwa	-	NIL

Yours faithfully,

**Sd/-**  
( V.V.Borkar )  
**Executive Engineer**  
**EHV O&M Division-I Pune**

**MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.**  
**EHV O&M DIVISION-01, Pune**  
**Schedule C**

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

<b>Sr.No.</b>	<b>Name of Substation</b>	<b>Address</b>	<b>Contact No.</b>
1	220 kV Theur	Theur, Tal. Haveli.	7447440235
2	220 kV Phursungi	Pune Saswad Road, Phursungi.	7447440256
3	220 kV Parvati	Sinhgad Road, Pune.	7447440242
4	220 kV Khadki	Ammunition factory, Khadki, Pune.	7447440249
5	132 kV Mundhwa	Bharat forge premises, Mundhwa, Pune.	7447440225
6	132 kV Kothrud	Kothrud, Pune.	7447440809
7	132 kV NCL	NCL Premises, Pashan, Pune.	7447440227
8	132 kV Ganeshkhind	Near chaturshringi temple, Pune.	7447440221

**Sd/-**  
**( V.V.Borkar )**  
**Executive Engineer**  
**EHV O&M Division-1**