



**MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO.LTD
400 KV SUBSTATION DIVISION, KORADI-II, M.S.E.T.C.L., NAGPUR
Enquiry Document**

RFx No:-7000038249

E-Enquiry No :-EE/400 KV/S-STN/DN/KRD-II/ E -03/2025-26 dtd. 25.11.2025

SRM E-Enquiry for the work of AMC for Arresting oil leakages in joints, bolts of various equipments such as ICT, CT, PT, CVT, etc (as & when required) by using Transformer Oil Leakage Arresting Sealant Method (The Sealant tested by ASTM D 790, ASTM C 794, ASTM D 149 & ASTM D 1002) at 400 kV Koradi II substation under 400 kV S/S Division, Koradi II for the year 2025-26.

Office Address:-Executive Engineer, 400 kV S/STN Division, Koradi-II, 3X660MW
MAHAGENCO KTPS Premises, Chindwada Road, Koradi-II, Nagpur-441111.
Mobile No. 8554993395

Email: ee4180@mahatransco.in

Web site:-<http://srmetender.mahatransco.in>.

Quality Transmission – Forever Leading

MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LIMITED
400kV S/STN Division, Koradi-II

1. SRM E-enquiry No. : EE/400KV/S-STN/DN/KRD-II/E-03/2025-26 dtd.25.11.2025
2. RFx No. : RFx No. 7000038249
3. Name of work : SRM E-Enquiry for the work of AMC for Arresting oil leakages in joints, bolts of various equipments such as ICT, CT, PT, CVT, etc (as & when required) by using Transformer Oil Leakage Arresting Sealant Method (The Sealant tested by ASTM D 790, ASTM C 794, ASTM D 149 & ASTM D 1002) at 400 kV Koradi II substation under 400 kV S/S Division, Koradi II for the year 2024-25.
4. Estimated cost : Rs. 2,00,000/-
5. Download of SRM e-enquiry Documents Date : 25.11.2025 to 05.12.2025
6. Closing Date : 05.12.2025 at 14.00 Hrs
7. Opening of SRM e-enquiry : 05.12.2025 at 14.30 Hrs. (Technical) if possible
8. Opening of SRM e-enquiry : 05.12.2025 at 17.00 Hrs. (Commercial) if possible
9. E.M.D. : Rs. 5000/-
10. SRM E-enquiry Fee : 100.00 + 18% GST Extra (Non Refundable)

**Executive Engineer,
400 kV Sub-station Division
MSETCL, Koradi II**

SRM E-ENQUIRY NOTICE

MSETCL invites digitally signed online bids (SRM E-tender) from registered agencies on Mahatransco SRM E-tendering website <https://srmetender.mahatransco.in> for following Work:-

 E-ENQUIRY NOTICE	
MSETCL invites online bids (E-Enquiry) for following	
S.N.	RFx No. & Description
1.	RFx No. 7000038249; AMC for Arresting oil leakages in joints, bolts of various equipments such as ICT, CT, PT, CVT, etc (as & when required) by using Transformer Oil Leakage Arresting Sealant Method (The Sealant tested by ASTM D 790, ASTM C 794, ASTM D 149 & ASTM D 1002) at 400 kV Koradi II substation under 400 kV S/S Division, Koradi II for the year 2025-26. Estimated cost:- Rs. 2,00,000/- EMD Rs.5000/- & Enquiry Fee:- Rs.100/-(GST extra)
Enquiry available at:-https://srmetender.mahatransco.in; Due date online submission up to: 05.12.2025@ 13:30 Hrs; Enquiry Opening :05.12.2025@ 14:00 Hrs if possible.	

Note: - All eligible interested contractors are mandated to get enrolled on SRM e-tendering portal (<https://srmetender.mahatransco.in>)

Contact Person for enrolling on SRM e-tendering portal: The Dy. Executive Engineer (O),
EHV (O&M), Circle, MSETCL,
Nagpur,
Tel. No. 0712 – 2591253 / 2591706,
Mobile No. 08554993416

Contact Person for enquiry about SRM e-tender work : The Deputy Executive Engineer (O),
400 kV Sub-station Division,
MSETCL, Koradi II,
Mobile No. 08554993384

For further details visit our website <http://www.mahatransco.in/>

1. Relevant portions of the SRM e-enquiry which the bidders have to fill online would be available on aforesaid website.
2. SRM e-enquiry documents can be downloaded online from aforesaid website (C- folder).
3. Eligible agencies should submit their bid well in advance instead of waiting till last date. MSETCL will not be responsible for non-submission of Bid due to any website related Problems.
4. **Payment of SRM e-enquiry fees and EMD should be paid by the bidder through online only. Original certificate will have to produce if demanded for verification.**
5. The SRM e-enquiry will be opened in the office of the Executive Engineer, 400 kV Sub-station Division, MSETCL, Koradi II.

**Executive Engineer,
400 kV Substation Division
MSETCL, Koradi II**



MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LIMITED
400 kV Substation Division, MSETCL, Koradi II

E-Enquiry No :-EE/400 KV/S-STN/DN/KRD-II/ E -03/2025-26 dtd. 25.11.2025

Subject: - AMC for Arresting oil leakages in joints, bolts of various equipments such as ICT, CT, PT, CVT, etc (as & when required) by using Transformer Oil Leakage Arresting Sealant Method (The Sealant tested by ASTM D 790, ASTM C 794, ASTM D 149 & ASTM D 1002) at 400 kV Koradi II substation under 400 kV S/S Division, Koradi II for the year 2025-26.

Most important instructions for bidder:

1. Bidders are requested to please register at circle level for SRM e-tendering.
2. The SRM e-enquiry is to be submitted online on website www.mahatransco.in
3. The SRM e-enquiry Documents are not Transferable Change in name & address of any kind will not be entertained. The SRM e-tender sign with digital signature will be accepted up to due date & time of submission. It is advisable to submit the digitally sign SRM e-tender sufficiently in advance of due date & time, so as to avoid last minute trafficking at server.
4. The SRM e-enquiry will not be accepted after due date & time of submission.
5. If the date of opening happens to be holiday, it will stand extended to the next working day with no change in timings.
6. The SRM e-enquiry fee paid against the particular SRM e-tenders (RFx No. 7000038249) shall not be refunded / transferred or adjusted at all.
7. The undersigned reserves the right to reject any or all the SRM e-enquiry without assigning any reason whatsoever.

**Executive Engineer,
400 kV Substation Division
MSETCL, Koradi II**

MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LIMITED
400 kV Substation Division, MSETCL, Koradi II

E-Enquiry No :-EE/400 KV/S-STN/DN/KRD-II/ E -03/2025-26 dtd. 25.11.2025

Subject: - AMC for Arresting oil leakages in joints, bolts of various equipments such as ICT, CT, PT, CVT, etc (as & when required) by using Transformer Oil Leakage Arresting Sealant Method (The Sealant tested by ASTMD 790, ASTM 794, ASTMD 149 & ADTMD 1002) at 400 kV Koradi II substation under 400 kV S/S Division, Koradi II for the year 2025-26.

SPECIAL CONDITIONS:

Your offer should be submitted in two separate parts –“Part I- Technical” & “Part II Commercial”

(A) Technical (Part-I) - This should contain following documents as a Part of qualifying pre-requisites, brochures, attested certificates etc. Original certificate will have to be produced if demanded before opening of Price bid SRM e-enquiry.

REQUISITES:

- **EMD: - Earnest Money Deposit (EMD) as above should be paid by the bidder online only. Original certificate will have to produce if demanded for verification.**
 1. The micro & small enterprises (only manufacturing & service enterprises) as defined in MSMED Act 2006 are exempted from paying EMD & tender fees. The Udyog Aadhar Memorandum & Udyog Aadhar Registration certificate submitted by said enterprises should indicate the same Material / Services as required against the tender floated.
 2. The bidder has to pay EMD & tender fees in following cases :
 - a. If the micro / small enterprise registration certificate does not indicate the relevant classification code covering material. Service as required against the tender floated.
 - b. If the investment in plant & machinery or equipment exceeds the threshold limit indicated in the MSMED Act, 2006 (at present the threshold prescribed limit being for Micro – upto Rs. 25 lakhs ; Small - Rs. 25 lakhs to Rs. 5 Crs. as investment in plant & machinery and for Micro – upto Rs. 10 lakhs ; Small – Rs. 10 lakhs to Rs. 2 Crs. As investment in equipment).
 3. In case of work contract , if the Micro & Small Enterprise submit that the enterprise shall supply all the materials of intended works contract, manufactured from its own unit, then it shall be eligible for exemption of payment of EMD & Tender Fees to MSETCL. However, an undertaking duly notarized from Micro & Small Enterprise to this effect is to be submitted along bid.
 4. The works contract except as stated above & Tenders are excluded from the benefits of EMD & Tender fees, hence shall be required to pay EMD or pay EMD or Tender fees while participating for e-tender process at MSETCL.
 5. The registration certificate as submitted by micro & small enterprise should be valid on the date of submission of bid and the validity of the same should be certified by the Chartered Accountant in practice.

Note: - In case, the micro & small enterprise (who have been exempted from payment of EMD / Tender Fees) does not accept the tender being L1, then such micro and small enterprise shall be debarred from the bidding process for all tenders at MSETCL for next 2 years from the date of non-acceptance of L1 bid and this is to be clearly mentioned in all tenders.

EMD will be refunded only after 90 days. EMD will be refunded on the Bank account, which is maintained in the vendor profile on SRM portal. In case bank details are wrong. MSETCL will not be responsible for non-receipt of EMD.

MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LIMITED
400 kV Substation Division, MSETCL, Koradi II
E- Enquiry No :-EE/400 KV/S-STN/DN/KRD-II/Tech/ E -03/2025-26 dtd. 25.11.2025

Subject: - AMC for Arresting oil leakages in joints, bolts of various equipments such as ICT, CT, PT, CVT, etc (as & when required) by using Transformer Oil Leakage Arresting Sealant Method (The Sealant tested by ASTM D 790, ASTM C 794, ASTM D 149 & ASTM D 1002) at 400 kV Koradi II substation under 400 kV S/S Division, Koradi II for the year 2025-26.

Technical Qualifying Requirement

Sr. No.	TQR (TECHNICAL QUALIFYING REQUIREMENT)
1.1	STATUTORY QUALIFYING CRITERIA (Statutory License/Registration)
	➤ Lead bidder should have a valid Govt. Electrical Contractor's License from Maharashtra State. ➤ The bidder should be registered under GST (Goods Service Tax). ➤ Lead bidder should have a Pan card. ➤ Lead bidder should have a P.F. certificate.
2.1	TECHNICAL QUALIFYING CRITERIA
	The bidder should have experience of successfully completed similar type of works i.e. the work arresting oil leakages from various joints & bolts of EHV transformers, ICTs, CTs, PTs & other equipments during last 5 years amounting to 80% of the estimated cost in single order or 50% of the estimated cost in two order or 40% of the estimated cost in three orders. Note:- This experience certificate should be certified by not below the rank of <u>Executive Engineer in any state utility or authorized power sector or any other organization. Also submit the work order copy.</u>
3	FINANCIAL QUALIFYING CRITERIA
3.1	Turnover: The bidder should submit the statement of The average annual turnover not below than 60% of estimated cost during last three financial years with UDIN duly certified by Chartered Accountant.
3.2	The Bidder should have to submit the audited financial statements i.e. Profit & Loss Account & Balance sheets of Firm / Company for last three financial years duly certified by Chartered Accountant with seal with UDIN.
3.3	Income Tax Returns: The Bidder shall submit the copy of Income Tax returns for the last financial year.
Note :	1) All CA certified certificates should have UDIN as per ICAI guidelines. Documents without UDIN are liable for rejection. 2) If bids are called between 1st April & 30th September of the year, then latest audited financial year shall be a year before previous year for financial criteria. For the bids called after 1st October then the latest audited financial year shall be the previous financial year of current financial year. 3) In case of a fractional number, rounding off to be done to the nearest unit i.e. in case of fraction between 0 to 0.49 it should be rounded off to 0 & in case of fraction between 0.5 to 0.99 it should be rounded off to 1.
4.1	OTHER MANDATORY DOCUMENTS FOR VALID BID
	Original colour scan copy of duly signed /sealed all required schedules given in Sample Annexure Format attached with Tender Booklet.

	a) List of T&P b) List of Manpower c) Undertaking that Bidder is not Debarred/Blacklisted by Govt./Semi Govt./Power utilities d) Undertaking regarding authenticity of documents given only on Rs.500/- stamp paper. (Note :- Undertaking shall be duly Notarized)
5.1	Proof of Tender Fee and EMD Earnest money deposited (EMD):1% of estimated cost will have to be paid by the bidder through online mode only. OR In case of EMD amount above Rs. 5 lakhs, The Bidder will have to furnish Bank Guarantee of any nationalized / scheduled bank in prescribed format equivalent to 1% of the cost estimate of works in lieu of bid security deposit payable at Chief Engineer, EHV PC O&M ZONE, Nagpur at the time of submission of bid documents with validity of 8 months from the date of opening of techno-commercial bids. MSETCL Bank Details and EMD circular details shall be mentioned in the tender booklet. The bidder registered under S.S.I / N.S.I.C/ MSME certificate for the SRM portal shall also pay the EMD in the following cases, i) If S.S.I / N.S.I.C./ MSME certificate do not indicate Material / Service required against this Tender. ii) If Turnover or Manufacturing capacity exceeds the limit indicated in S.S.I / N.S.I.C./MSME certificate specified by the concerned authority to avail the benefit of E.M.D. exemption. If, required E.M.D. is not paid by the Bidder, the offer is liable for rejection. i) The Micro & small enterprises (only manufacturing and services enterprises) as defined in MSMED Act 2006 are exempted from paying EMD and Tender fees. As per G. No. MINISTRY OF MICRO, SMALL AND MEDIUM ENTERPRISES NOTIFICATION New Delhi, the 26th June, 2020, The Udyam Registration Certificate submitted by the said enterprises should indicate the same Material/Service as required against the tender floated. ii) The bidder has to pay EMD and Tender fees in following cases:- a. If the Micro/small Enterprise registration certificate does not indicate the relevant classification code covering Material/Service as required against the tender floated. b. If the investment in Plant & Machinery or Equipment exceeds the threshold limit indicated in the MSMED Act 2006 (at present the threshold prescribed limit being for a micro enterprise, where the investment in plant and machinery or equipment does not exceed one crore rupees and turnover does not exceed five crore rupees; Small- a small enterprise, where the investment in plant and machinery or equipment does not exceed ten crore rupees and turnover does not exceed fifty crore rupees and for a medium enterprise, where the investment in plant and machinery or equipment does not exceed fifty crore rupees and turnover does not exceed two hundred and fifty crore rupees. iii) In case of work contract, if the Micro and Small Enterprise submits that the enterprise shall supply all the materials of intended work contract, manufactured from its own unit, then it shall be eligible for exemption of payment of EMD & Tender fees to MSETCL, However, an undertaking duly notarized from Micro & Small Enterprise to this effect is to be submitted along with bid. iv) The works contractor except as stated above and traders are excluded from the benefits of EMD & Tender fees, hence shall be required to pay EMD or tender fees while participating for E-tender. v) The registration certificate as submitted by Micro & Small Enterprises should be valid on the date of submission of bid and the validity of the same should be certified by the Chartered Accountant in practice.
6.1	The owner reserves the right to accept/reject the Bid.
	Note :

	- The original-colored scan copy should be uploaded as bid documents in support of Technical Qualification Criteria. The Attested/Notarized photocopies of the same will not be entertained. Detailed communication address, e-mail ID & contact number of end users should be furnished for cross verification. - Notwithstanding anything stated above, the owner reserves the right to assess the bidder's capability and capacity to perform the work, should the circumstances warrant such an assessment in the overall interest of the owner, and may accept or reject the offer without assigning any reason.					
	The Performance Bank Guarantee for the proper fulfillment of the contract shall be furnished by the Contractor in the prescribed form within stipulated time period of Notice of Award of Contract/Letter of Award. The performance Guarantee shall be as per standard proforma. This guarantee shall be for an amount equal to 05% (Five percent) of the contract price.					
	For the offers received below the estimated cost of tender, the amount of Performance Bank Guarantee will be applicable as under.					
	Sr. No.	Offer Received	SD Works Including Supply	ASD for offer up to 05% Below	ASD for offer up to 05% to 10% Below	ASD for offer up to below 10% or more
	1	At Par or above	05%	--		
	2	Up to 05% Below	05%	01%		
	3	Between 05% to 10% below	05%	01%	01% for every 01% or part thereof more than 15%	
	4	Below 10% or more	05%	01%	05%	02% for every 01% or part thereof more than 10%
Note:-	1) All CA certified certificates should have UDIN as per ICAI guidelines. Documents without UDIN are liable for rejection. 2) If bids are called between 1st April & 30th September of the year, then latest audited financial year shall be a year before previous year for financial criteria. For the bids called after 1st October then the latest audited financial year shall be the previous financial year of current financial year. 3) In case of a fractional number, rounding off to be done to the nearest unit i.e. in case of fraction between 0 to 0.49 it should be rounded off to 0 & in case of fraction between 0.5 to 0.99 it should be rounded off to 1.					

The original and readable colored scan copy should be uploaded as bid documents in Support of Statutory Qualifying Criteria.

A) DISQUALIFICATIONS:

1. Disclosing untrue and /or false information or withholding information or part of information.
2. Record of poor performance such as unsatisfactory work or abandoning the work etc.
3. Financial shortcomings or failures in past certificates.
4. Insufficient experience or employing insufficient number of employees or not employing qualified employees.

B) Commercial Bid (Price Bid):

- 1) Bidder should quote the percentage rate which will be applicable to all items of the schedule of activities online only.
- 2) The comparison of rates quoted by various bidders will be on the basis of overall cost of the package i.e. rates quoted for 100% completion of said work.

The technical bid will be opened online in respect of all the tenders received. The price bid will be opened online in respect of those bidders who will qualify for technical bid.

1. Right to reject all or any of the tenders without assigning any reasons thereof are reserved by the undersigned.
2. Bidders which do not fulfill all or any of the above conditions or are incomplete in any respect are liable to summarily rejection.
3. The bidder is expected to visit the site of work and see for himself the site conditions regarding water, labour rates and all other materials affecting the work before submitting the tender.
4. The submission of the on-line tender by bidder implies that he has read these instructions, the conditions of contract, etc. and he had made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plants etc. will be issued to him and local conditions and other factors having bearing on the execution of the work.
5. The MSETCL, after acceptance of contract will not pay any extra charges for lead or any other reasons, in case the contractor is found later on to have misjudged as available.
6. The contractor must arrange for all the transport of materials at site and include all such cost in the rates quoted by him for finished work. The contractor shall make his own arrangements for the transport of his materials.
7. The contract or any part thereof shall not be sublet without the written permission of the undersigned.
8. Price variation clause is not applicable with the tender.
9. Tender shall remain open for acceptance as per bid validity stated in RFX. During this period, no bidder shall be allowed to withdraw his tender. Any such withdrawal during the said period will entitle for forfeiture the earnest money deposited with the tender.
10. Further information required, if any can be gathered from the office of the Executive Engineer, 400 kV Sub-station Division, Koradi-II, Nagpur. But it must be clearly understood that the tender must be received in order, by the due date and according to the instructions.
11. MSETCL will not be responsible for non-submission of Bid due to any internet connectivity/server problem. Or non –submission of fees due to bank server problems. It is suggested to submit the bid well in advance to avoid the estuations.

**Executive Engineer,
400 kV Substation Division
MSETCL, Koradi II**

MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD
400 kV Substation Division, MSETCL, Koradi II

E-Enquiry No :-EE/400 KV/S-STN/DN/KRD-II/ E -03/2025-26 dtd. 25.11.2025

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TERMS & CONDITIONS OF BID:

1. The SRM e-enquiry shall be valid for a period of 90 days from the date of opening. The Transmission Company reserves the right of forfeiting the earnest money in case the SRM E-tender is withdrawn by the bidder after opening date but before the expiry of 90 days (Prescribed validity period) or in the event of refusal to pay the prescribed security deposit as per clause.
2. Bidders should carefully read the terms and conditions of the SRM e-enquiry and follow the instructions contained therein scrupulously before submission of SRM e-tender. In case of any omissions in the SRM e-enquiry, the SRM e-enquiry shall be liable for rejection. If bidder has any doubts in respect of any of the clauses or schedules the same should be got clarified in writing from the office of the undersigned before submitting the SRM e-enquiry . Any complaints in this regard will not be entertained after opening of SRM e-enquiry.
3. **SCOPE OF WORK**
AMC for Arresting oil leakages in joints, bolts of various equipments such as ICT, CT, PT, CVT, etc (as & when required) by using Transformer Oil Leakage Arresting Sealant Method (The Sealant tested by ASTMD 790, ASTM 794, ASTM 149 & ASTM 1002) at 400 kV Koradi II substation under 400 kV S/S Division, Koradi II for the year 2025-26.
4. **RATES**
All the bidders are requested to quote their lowest rates on per unit basis. The rates shall cover all charges for supply & service of items including installation, transport wherever applicable, for delivery at MSETCLs **400/220 kV Koradi-II S/S under 400 kV S/S Division, Koradi-II** and shall include transit insurance, Excise Duty, packing and forwarding charges, loading and unloading, and handling as directed by the Consignee. GST should be shown separately. The materials shall be dispatched and transported at the suppliers risk and shall be insured at supplier's cost for transit losses.
5. **VALIDITY OF OFFER**
Offer shall remain open for acceptance for period of 90 days from the date of opening of the tender and the bidder shall be bound to supply the material, on acceptance of the order dispatched on bidder's address. All bids submitted against this tender shall be deemed to comply with conditions unless and otherwise agreed to by MSETCL.
6. **EARNEST MONEY DEPOSIT**
The payment of Tender fees and EMD should be done by the bidder online only. EMD will be refunded only after 90 days. EMD will be refunded on the Bank account, which is maintained in the vendor profile on SRM portal. In case bank details are wrong, MSETCL will not be responsible for non-receipt of EMD.
7. **SECURITY DEPOSIT**

05% of the amount of the order is to be paid as security deposit by online/NEFT/DD/BG **in the name of Superintending Engineer, EHV (O & M) Circle, MSETCL, Nagpur** within 7 to 10 working days from the date of receipt of this order. **If S.D amount is not paid, you will not be allowed to start the work at site and the work order will be cancelled without any further communication** No interest will be paid on this amount and this will be refunded after execution of works/guarantee period satisfactorily. Failure to furnish the security deposit within the specified period shall entailed to forfeiture of the EMD and cancellation of the contract

8. AGREEMENT

Supplier will have to enter an agreement with the company, in the prescribed format on stamp paper of **Rs. 500/- only** for the order value up to Rs.5 Lakhs and 0.3% on the amount above Rs.5 Lakh before commencing the said work within 10 days from the date of receipt of LOI by you. The cost of stamp paper is required as per Maharashtra Stamp (Amendment) Ordinance 2024 (Mah. Ord. XII of 2024) published on dtd. 14.10.2024 (MAHENG/2009/35528) shall be borne by you.

9. WORK INSURANCE: -

It is mandatory for the contractor to obtain **work contract insurance against work order i.e. Contractor All Risk Policy (CAR)** from the Directorate of Insurance Maharashtra State with prevailing rate as per Govt. of Maharashtra GR. No. **Sankirn 2018/Pra. Kra.47/CR-174/Vima Prashasan dtd. 13.07.2022** before commencing of work and a proof of the same should be submitted to this office.

10. Income tax/Work contract & any other statutory deduction at source will be deducted from your tax invoice as per prevailing rules. You have to produce GST number while claiming the tax invoice. **Ex-works rate & GST Taxes extra should be quoted along with HSN code for supply & SAC code for works.**

11. GUARANTEE/WARRANTY

The material supplied should be guaranteed/warranted for minimum a period of twelve months from date of received to this office and should be replaced by the supplier, if within guaranteed period.

12. The contractor should attend transformer oil leakage with material that meets the following specifications-

Sealant method involves following salient features / specifications:-

SN	Technical Specifications
1	The sealant used to attend the leak shall be suitable for Oil filled power transformer application and shall not have electrical / mechanical / chemical properties that may affect the performance of power transformer. Supplier should submit technical datasheet, Material Safety Data Sheet of the material and ISO Certification.
2	The adhesive repair patch shall seal transformer oil in high pressure condition without leakage. The sealant should be good in transformer oil pressure condition during lifetime of transformer. The supplier should confirm sealant is tested for 100psi pressure.
3	It shall be non-conductive with a minimum dielectric breakdown voltage of 40 kV as measured by ASTM D 149.
4	Sealant application during active leak condition - the system shall contain an oil block to allow repairs on an active oil leak.(leak repair without draining oil from tank).
5	The sealant shall not sag during cure so that it may be applied to the bottom side of leaking surfaces without running or dripping.
6	ASTM C 794 test provides a valuable measurement of the ability of the cured sealant to maintain a bond to the substrate under severe peel conditions. The adhesive repair patch shall have excellent adhesion to a variety of substrates with minimum peel strength of 100 pli on stainless steel, copper, and ceramic; and 40 pli on polyethylene when measured by ASTM C 794.

7	The adhesive repair patch shall retain 100% of peel strength adhesion after 5 freeze/thaw cycles and shall withstand in use temperature range of min to max top oil temperature. This will ensure long life of successfully attended leak.
8	The cured repair patch shall be impervious to water, salt water, oils, and dilute acids and bases. The cured repair shall chemically resist dielectric fluid, water, ultraviolet light, oils, dilute acids and bases. ASTM D1002 is used to test the shear adhesive strength on cured repair after exposure to the reagent for long time.
9	It shall have a minimum flexural strain of 1.1 in/in as measured by ASTM D790.
10	The adhesive patch shall not contain any metals and shall not corrode.
11	Manufacturer's authorization letter is required with after sales service commitment during warranty period. Contractor/Manufacturer's guarantee statement is required to supply material free of cost in the event of leak appears in warranty time.
12	Documents like PO copies & customer satisfaction letter of similar job executed should be submitted as reference.
13	Spare material – After the completion of job, 2 cartridges of Sealent, 2 putty and 1 Dispenser should be supplied as spare to customer. The 2 part material should be supplied in cartridge form with mixing nozzles and one dispensing tool. This ensures uniform quantity mixing and quality of adhesion and hence life of cured repair. Also it minimizes wastage of material. The cartridge should be reusable with minimum 12 months shelf life.

13. The complete system Sealant should provide strong, tough & 100% leak proof joint with long term durability.

14. LIQUIDATED DAMAGES FOR LATE DELIVERY

In case the specified quality and/or quantity of items are not delivered within the period stipulated the supplier shall be liable to pay liquidated damages to the MSETCL at the rate ½ % (Half percent) per week or part thereof for delay subject to maximum 10% (Ten percent) of the total value of the supply order. Due consideration may however be given in the levy of liquidated damages for reasons absolutely beyond the control of the supplier for which documentary evidence shall be produced to the satisfaction of the competent authority of the Company. The MSETCL shall be entitled to deduct the amount of liquidated damages from the current bill payable to the supplier or any other amounts or deposits due or payable to him against this or any other contract. For computing the liquidated damages for delayed supplies the date of receipt of material at destination shall be considered as the date of delivery.

14. QUANTITY

The estimated cost / quantity indicated are only approximate and the MSETCL reserves the right to alter the cost / quantity as per actual requirement.

15. QUALITY

The material to be supplied shall be the best quality and as per minimum specifications in schedule 'A' and in strict accordance with and as per approved standard samples if any. In case of any supplies of which there are no standard approved samples the supplies shall be of very best quality /standards.

16. PAYMENT

100% Payment will be made against Tax Invoice will be released after satisfactory completion of work and submission of bill in quadruplicate within 45 days after receipt of tax invoices & duly signed & recorded by authority subject to availability of funds and completion of all activities in ERP-SAP system.

17. PENALTY

If the contractor fails to execute the work as per the scope of work within stipulated period as above penalty towards delay @ 1% per week maximum to the extent of 10% of order value will be levied and deducted from bill for non execution of the work.

18. PAYMENT TO HIS WORKERS

The contractor will have to pay at least minimum wages to his workers as specified by the Commissioner of Labour as per Act. The agency will be responsible for compliance of all statutory obligations under the factory Act, Contract Labour Act, Minimum Wages Act, contribution under the C.P.F. Professional Tax, C.P.F. & E.S.I.S Act etc. in respect of his employees. The payment monthly/weekly shall be made as per prescribed minimum wages act in presence of MSETCL Engineer-in-charge who would certify about the payment given to the employee of the agency. The agency shall prepare a wage cum attendance register in the format given in Minimum Wage Act 1948. Any deviation to the above may result in suspending payment of bill of Agency by MSETCL. They will also quote the no. of employees, to be engaged for this work. Any rise in minimum wages to engaged labour will be on agency's account.

19. TOOLS & TACKLES:-

All the tools and tackles and consumables required for the work shall be arranged by the contractor at his cost.

20. The work will have to be carried out as and when the clearance is given by the Sub-station authorities. No compensation for idle time and idle labour shall be entertained by MSETCL on what so ever ground.

21. Normal working hours 9.00 Hrs. to 18.00 Hrs (within one hour is for lunch) Sundays are holidays.

22. It will be the Agency's responsibility to maintain various registers required under various contract Acts and shall be produced on demand to this office or Govt. authorities for verification.

23. LAWS & REGULATIONS

This contract is governed by various labour Laws & Regulations and amendments made therein from time to time.

- I] Workmen's Compensation Act.
- II] Shop & Establishment Act.
- III] Payment of minimum wages Act.
- IV] Contract Labour-Regulation & Abolition Act.
- V] Industrial Dispute Act.
- VI] CPF Act/Regulation and any other Labour Law and Rules as applicable time to time.

24. CONTRACTOR'S RESPONSIBILITIES

(a) It is the responsibility of contractor to maintain the discipline of his workers and himself and any hindrance, misbehavior towards MSETCL staff will be viewed very seriously and the contract will be terminated without entertaining any financial claim of the contractor in this regard.

(b) In case there is any damage to MSETCL's property or to any other contractor's property or to the MSETCL employee or to any other contractor's persons, due to careless working of the contractors labour, the same will be recovered from the contractor.

(c) Your workers and supervisors shall be aware of all Security Rules and Regulations in Thermal Power Station area.

25. Compensation under workmen's compensation Act – 1923 (VII of 1923) :- The contractor shall be responsible for and shall pay compensation to his workman / employee as per Act for injuries that may be inflicting on the workmen. In case if such compensation is paid by the Transmission Company, as per Principals under subsection (I) of Section 12

of said Act, on behalf of the Contractor the amount of such compensation paid shall be recovered in the manner laid in clauses 4 of the relevant section of the Act.

26. MSETCL will not be responsible for any accident (fatal or non-fatal) or injury to the personnel of the agency or any financial implication arising there from.
27. If any type of misconduct or adverse report against the performance of agency or its employees is reported to this office, the undersigned reserves the right for cancellations/terminations of contract at any stage and decision taken will be final and binding on the agency. The said termination shall be made at the risk and cost of Agency and remaining work shall be got done from another agency at the cost and risk of the agency.
28. The agency will be responsible for compliance of all statutory obligations under the factory Act, Contract Labour Act, Minimum Wages Act, contribution under the C.P.F. Professional Tax, C.P.F. & E.S.I.S Act etc. in respect of his employees. The payment monthly/weekly shall be made as per prescribed minimum wages act in presence of MSETCL Engineer-in-charge who would certify about the payment given to the employee of the agency. The agency shall prepare a wage cum attendance register in the format given in Minimum Wage Act 1948. Any deviation to the above may result in suspending payment of bill of Agency by MSETCL. They will also quote the no. of employees, to be engaged for this work. The agency who will quote below min wages as per act and will quote below 5% towards contractor overhead charges/profit/Income tax etc and for bonus, HRA as per MSETCL Circular, their quotation will not be considered and will be rejected.
29. The agency should not submit “conditional quotation” such conditional offer shall be liable for rejection.
30. GST & all other taxes & duties acceptable for the work shall be inclusive of their quoting rates & nothing will be paid extra.

31. FORCE MAJEURE CONDITIONS

- a. Following causes substantially affect the performance of this contract shall only be considered as Force Majeure Condition.
- b. Natural Phenomenon including but not limited to floods, droughts, earthquakes & epidemics.
- c. Act of any Govt., domestic or foreign including but not limited to war declared or undeclared, priorities, quarantine embargoes provided that the party affected by force majeure shall within 15 days from the occurrence of such as cause notify other party in writing of such cause with sufficient documentary proof.
- d. The contractor shall not be in any way liable for non-performance either in whole or part on any contract or for any delay in performance thereof in consequence of strike, shortages, and combination of labourer, workman or lock-out break down or accident to machinery or accidents of whatever nature. These causes shall not be treated as force majeure but subject to provision & stipulation made in clause of liquidated damages for delivery of material & completion of erection work.

32. COMPANY’S PROPERTY

Any damage or loss to the company property due to your personnel negligence during the execution of the contract, you will have to make it good at your own cost.

33. TERMINATION OF CONTRACT

In case the supplier fails to deliver the required quantity of material or any consignment thereof within the contracted period of delivery or in case the material found not in accordance with prescribed specification and the approved samples, the MSETCL shall exercise its discretionary power either.

A] To recover from the supplier the liquidated damages as provided in clause no. 13 above.

OR

- B] To purchase after giving 7 days notice to the supplier on account and at the risk and cost of supplier such quantity of material not delivered or other of similar description, without canceling the contract in respect of Consignment not yet due for delivery.

OR

- C] To cancel the contract reserving MSETCL's right to recover damages.

Notwithstanding the powers stipulated under (A), (B) & (C) above, the MSETCL shall have in addition the rights and remedy available to the MSETCL under the General Law of India relating to contracts.

34. ACCEPTING OF TENDER

The MSETCL reserves the right to purchase the quantity in part or full as per the requirement and MSETCL shall not entertain any dispute/claim on this account. Further, the MSETCL shall have the right of rejection of all or any of the tenders and shall not be bound to accept the lowest rates or assign to any reason, whatsoever, for the rejection of any tender or tenders. It is also not binding on the MSETCL to disclose any analysis of acceptance of rates.

35. JURISDICTION

Any disputes or differences, arising out of, if any, in connection with this tender or contract, shall be subject to exclusive jurisdiction of the Nagpur Court.

36. RIGHT TO ACCEPT OR REJECT THE BID

- a. The undersigned reserves the right to accept or reject any or all bids and to cancel the bidding process and reject all bids at any time prior to award of contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders on the grounds for the action by the undersigned.
- b. The undersigned does not bind himself to accept the lowest or any bid, neither will any reason be assigned for the rejection or not acceptance.
- c. The undersigned reserves the right to split up the order, if in its opinion felt necessary in the interest of the MSETCL.

37. EXAMINATION OF SPECIFICATION & DOCUMENTS

Before submitting the tendered unit rates, the bidder shall examine closely the specification and carefully study all documents, which form part of the contract.

38. ADDITIONAL INFORMATION REQUIRED BY BIDDERS

Further information required, if any, can be had from the Office of the Undersigned. But it must be clearly understood that the tenders must be received by the due date and time and according to the instructions stated above.

39. OTHER TERMS AND CONDITIONS

In addition to the above, the general terms and conditions as per Board's Booklet "Tender and Contract for Supply" will form a part and parcel of this contract and whenever those conditions contradict, the conditions as stipulated above shall prevail. Moreover, the right to reject any or all tenders in part or full without assigning any reason is reserved by the undersigned. Also the undersigned reserve the right to alter/amend /cancel any or all the terms and conditions stipulated above at any time in the interest of company without assigning any reasons thereof.

40. The complete process is through SRM e-tendering system only, hence the SRM e-tender document does not require the signature of competent authority.

41. The bidder shall not wait for the last date/time of submission of bid and ensure all efforts for the bid submission well before the due date/time. This office will not entertain any plea of the bidder for not being able to submit the bids due to website problems or otherwise.

42. The right to accept the SRM e-tender will rest with the M.S.E.T.C.L. The M.S.E.T.C.L. does not bind itself to accept the lowest SRM e-tender. The M.S.E.T.C.L. reserves the right to accept or reject any or all the offers in part or full without assigning any reasons.

43. You are also deemed to be fully aware of the Companies general condition of contract for work, Supply of equipment/material and any ignorance of any of the conditions will not exempt you from your liability to abide by the same.

The undersigned reserves the right to accept or reject any or all SRM e-tenders without assigning any reason thereof.

**Executive Engineer,
400 kV Substation Division
MSETCL, Koradi II**

MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LIMITED

400 kV Substation Division, MSETCL, Koradi II

E-Enquiry No :-EE/400 KV/S-STN/DN/KRD-II/ E -03/2025-26 dtd. 25.11.2025

Schedule A: Scope of work

Subject: - AMC for Arresting oil leakages in joints, bolts of various equipments such as ICT, CT, PT, CVT, etc (as & when required) by using Transformer Oil Leakage Arresting Sealant Method (The Sealant tested by ASTM D 790, ASTM C 794, ASTM D 149 & ASTM D 1002) at 400 kV Koradi II substation under 400 kV S/S Division, Koradi II for the year 2025-26.

Sr.No.	Item Description	Service No.	SAC Code	Unit	Qty	Rate Per unit (Rs.) Ex-work
A	Attending oil leakages of inspection window of CTs, PTs Bushing etc by using Transformer Oil Leakage Arresting Sealant Method (The Sealant tested by ASTM D 790, ASTM C 794, ASTM D 149 & ASTM D 1002)	50016391	998717	Per Inch	As per Actual	Rates to be filled online in SRM
B	Attending oil leakages in joints & nut bolts by using Transformer Oil Leakage Arresting Sealant Method (The Sealant tested by ASTM D 790, ASTM C 794, ASTM D 149 & ASTM D 1002)					
1	Size 12mm	50005335	998717	Per Bolt	As per Actual	Rates to be filled online in SRM
2	Size 14mm	50005336	998717			Rates to be filled online in SRM
3	Size 16mm	50005337	998717			Rates to be filled online in SRM
4	Size 20mm	50005338	998717			Rates to be filled online in SRM
5	Size 32mm	50005339	998717			Rates to be filled online in SRM

Note: GST % should be mentioned separately.

**Executive Engineer,
400 kV Substation Division
MSETCL, Koradi II**

MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LIMITED
400 kV Substation Division, MSETCL, Koradi II

E-Enquiry No :-EE/400 KV/S-STN/DN/KRD-II/ E -03/2025-26 dtd. 25.11.2025

Note:- In view of restructuring of GST in SRM E-tendering system the necessary changes incorporated in SRM by MSETCL as detail below:-

- 1) The % GST applicable (Tax Code) as per HSN/SAC has to be selected by the Bidder from General Data Tab under Item Details [Refer the below Table]. Alternatively, these changes can be easily carried out by Download/Upload Template functionality on the Response Page.

Sr. No	Vendor	TAX CODE	TAX RATE	DESCRIPTION
1	Vendor within Maharashtra	T0	0%	GST Purchase 0%
2		T1	5%	GST Purchase 5% (SGST+CGST)
3		T3	12%	GST Purchase 12% (SGST+CGST)
4		T5	18%	GST Purchase 18% (SGST+CGST)
5		T7	28%	GST Purchase 28% (SGST+CGST)
6	Vendor Outside Maharashtra	T0	0%	GST Purchase 0%
7		T2	5%	GST Purchase 5% (IGST)
8		T4	12%	GST Purchase 12% (IGST)
9		T6	18%	GST Purchase 18% (IGST)
10		T8	28%	GST Purchase 28% (IGST)
11	Vendor within Maharashtra (In case of Reverse Charge Mechanism)	E0	0%	Reverse charge on expenses GST Cess
12		E1	5%	Reverse charge on expenses 5%(SGST+CGST)
13		E2	12%	Reverse charge on expenses 12%(SGST+CGST)
14		E3	18%	Reverse charge on expenses 18%(SGST+CGST)
15		E4	28%	Reverse charge on expenses 28%(SGST+CGST)
16	Vendor Outside Maharashtra (In case of Reverse Charge Mechanism)	E0	0%	Reverse charge on expenses GST Cess
17		E5	5%	Reverse charge on expenses 5%(IGST)
18		E6	12%	Reverse charge on expenses 12% (IGST)
19		E7	18%	Reverse charge on expenses 18% (IGST)
20		E8	28%	Reverse charge on expenses 28% (IGST)

- 2) After filling all the prices and Tax code, confirm all changes once again.
- 3) Save and submit the response before due date and time as per prevailing procedure.

Bidders are requested to take note of above changes in the System and submit their offers accordingly.

In case of any difficulty, please refer the revised version of “Guidelines to Submit eTenders”, Contact MSETCL Contact Person indicated in the RFx or reach us at sradmin@mahatransco.in

**Executive Engineer,
400 kV Substation Division
MSETCL, Koradi II**