

**MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.  
EHV (O&M) DIVISION, DHULE.****From:**

Name of Office :- Executive Engineer, EHV(O&amp;M) Division, Dhule

Office Address :- MSETCL, 132KV Sub-Station Dhule, Malegaon Road,  
Near Honda Show Room, Dhule. PIN No. 424311

Contact No 8888830731 Email Id : ee5220@mahatransco.in

**Ref No. EE/EHV(O&M)/Dn./DHL/Tech/ No. 553      Date:- 30.06.2021****"SRM-Re-E-ENQUIRY No. I /2021-22 LETTER"****Sub:- SRM Re-E-Enquiry for the** attending work of oil leakage for strengthening of Transformer Gasket by method of INSITU Gasket preparation of Nut bolts of BBL make 132/33KV 50MVA PTF-I Sr.No.5122/18 at 132KV Dhule S/stn. under EHV O&M Div.Dhule.**RFX No. 7000020292**

Dear Sir,

Please offer your reasonable rates for the subject work as per the enclosed schedule 'A'.  
The detailed scopes of works are given below. Please note the following.

RFX. Number	<b>7000020292</b>
Online Downloading the RFX	<b>01.07.2021, 13:00 Hrs to 08.07.2021, 13.00 Hrs.</b>
Online Submission of the RFX	<b>Before 08.07.2021, 13.00 Hrs.</b>
Online Opening of the Techno Commercial RFX	<b>08.07.2021 at 14:00 Hrs.(if Possible)</b>
Online opening of the price bid RFX	<b>09.07.2021 at 13:00 Hrs.</b>
Estimated Cost	<b>Limited to Rs.2,39,587/- (Including labour cess and GST)</b>
EMD amount	<b>Rs. 5000/-</b>
Tender Fees	<b>Rs.100/- + GST Extra</b>
Contact Person	Executive Engineer, EHV(O&M) Division, Dhule, Mob-8888830731

For further details visit our website: -<https://srmetender.mahatransco.in>**Note: All eligible Supplier / Contractors are mandated to get enrolled on SRM E-Tenders (New) portal of MSETCL.****TERMS AND CONDITIONS**

- Due Date:** The RFX, complete in all respects, should be submitted between the period of **01.07.2021, 13:00 Hrs to 08.07.2021, 13.00 Hrs.** positively.
- Scope Of Works:** The detail scope of work mentioned in **Schedule "A"** and **Schedule "B"**
- Quoted Rates:** You are requested to quote your unit rates for the items mentioned in the schedule on firm (percentage) basis. **(Please quote ex-works price in ex-works field & applicable GST in GST field)**
- Payment:** On completion of the job, the bill (in triplicate) should be submitted to the concerned Engineer in charge. The concerned Engineer in-Charge will verify and process the bill and submit to division office along with his certificate & MIGO/SES as applicable. The payment will be effected by this office within a reasonable time as per actual work done.

## 5. Documents required to be attached along with offer:-

Following are the list of qualifying documents required please attached for qualifying in the Techno-Commercial Bids for opening of the price Bids. (If yes please attach the following documents in pdf format only)

- I. Valid Electrical contractor license.
- II. Valid GST Registration Certificate.
- III. Experience certificate along with Work Order Copies from the officer not below the rank of EE in last 07 years experience of successfully attending work of oil leakage for strengthening of Transformer Gasket by method of INSITU Gasket preparation of Nut bolts of 110/132KV 50MVA & above power transformer / ICT in MSETCL/PGCIL or any other government/semi-government organization.
- IV. Submission of proof regarding online payment of e-Tender fee & E.M.D. may please be uploaded.
- V. Copy of PAN Card with IT returns of last 3 financial year.
- VI. Full name of quotation submitting firm & full address of the same.
- VII. Contractors name, permanent address & Address Proof.
- VIII. Bank name, bank address, bank account details should be submitted.

**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.**

6. The above qualifying requirements are available in the question format in the RFx. The bidder has to answer all the questions at the time of bidding and also the supporting documents are required above shall be uploaded by the bidder in digitally signed PDF format only. The documents will require digital signature at the time of uploading to the SRM Portal, the bidder has to connect the digital signature key at the time of uploading the qualifying documents/any attachment.
7. **Rates & Taxes:** - The Rates quoted should be valid at least for **04 months** and should be including of all Labour charges & incidental charges including labour cess but excluding GST as per applicable rate & relevant act. Please quote your GST registration No on quotation.
8. **Work completion:** - **The work should be completed within 30 days from the date of handing over of site subject to availability of outages and load management.** To complete work within time limit agency has to arrange resources and skill man-powers. Materials used should be standard and good in quality. You will have to take all the safety precautions for these works. And also you should take care to employ sufficient skilled manpower along with sufficient safety precautions for completion and the work well within stipulated time period.
9. **Penalty:-** If the supply as well as work is not completed within stipulated period the penalty @ ½% per week subject to maximum 10% of the order value of work, will be levied. Loss to MSETCL property or equivalent etc. due to your negligence will be penalized & will be recovered from the bill.
10. **Delivery:-** You will have to arrange for transportation of materials required for completion of work at your cost.
11. **T&P:** - All the T&P, required for above work will be arranged by the Contractor.
12. **Safety:** - The contractor shall ensure the safety of all the workmen, materials and equipment either belonging to him or to other working at site. The contractor shall be responsible for providing of all safety notices and safety equipment required. If any accident occurs during the work, the complete responsibility of the accident will be of Contractors. The M.S.E.T.Co.Ltd. shall not pay any type of compensation for any type of accident.
13. **TDS under Income tax Act and TDS under GST Act :** -TDS under Income tax Act and TDS under GST Act at source as per prevailing rate & applicable as per Govt. rules – amended from time to time will be deducted from your bill.

**14. Insurance:**

You have to submit the comprehensive insurance for work order amount as may be necessary to protect your (contractor) interests & the interest of The MSETCL, against all risk valid up to the work order completion period. Any loss/damage to the equipment, during supply, handling, transporting, storage & erection, till such time the plant is taken over by the owner shall be to the account of you. You shall be responsible for lodging of all claims and make good for the damage/loss by way of repairs and/or replacement of the portion of the works damaged/lost. The transfer of title shall not in any way relieve the contractor of the above responsibilities during the period of the contract. It is responsibility of contractor to take out all necessary insurance of materials/equipment/labour for execution of work for his liabilities direct/indirect and same must be attached with invoice otherwise 1% on work order value will be deducted from bill.

**15. Labour Cess: Labour cess @1% under the Building other Construction Workers Welfare Cess Act,1996 and rate made thereunder shall be deducted on total contract value.**

- 16. Quality:-**The agency will be fully responsible for quality of the material used and the workmanship for the subjected works.
- 17. Security Deposit: -** Security Deposit being 5% of order value will have to be paid before in form of D.D./Cash to this Office, which will be refunded after completion of guarantee period which shall be 12 months from the date of completion of last work.
- 18. Accommodation:-** No living accommodation at site will be provided by M.S.E.T.C.L.
- 19. Agreement:-** You will have to execute agreement as per provision of Mumbai MudrankAdhiniyam 1958, Clause No.34 with requisite stamp duty (Rs. 500/-) before issuing of final work order.
- 20. General: -** MSETCL general Terms and Conditions for works are applicable to this contract. The undersigned reserves the rights to accept or reject any or all the Quotation without assigning any reason thereof.
- 21. Guarantee:-All the material supplied and the workmanship shall be guaranteed for One Year for trouble free service.**
- 22. Particulars of work (Detail description of Service / Materials, unit ) given in schedule “A” and “B” of this legacy enquiry is final for any Dispute arise.**
- 23.** The undersigned have the reserve right for relaxation of any condition mention above & also reserves the rights for cancellation of any or all quotations/enquiry without assigning any reason.
- 24.** Acceptance of work order shall be treated as acceptance of these conditions of the e-enquiry by contractor.
- 25. Particulars of work (Detail description of Service / Materials) given in schedule “A” of Of this enquiry is final for any Dispute arise out of this contract.**

**Thanking you,**

Enclosed: - **Schedule ‘A’ and Schedule ‘B’**

Yours Faithfully,

S/d

Executive Engineer  
EHV (O&M) Division,  
MSETCL, Dhule.

**Copy s.w.r. to: -**

The Superintending Engineer, EHV O&M Circle, Bhusawal. (By email)

**Copy to:-**

1. The Add.EE, LMSD, Dhule
2. The DYEE, 132KV Dhule S/S.
3. The Dy. Manager [F&A], EHV O&M Division, Dhule. (By email)
4. The Web Master, MSETCL.(By email)
5. Notice Board.

**Schedule –A**

Sub: - **SRM Re-E-Enquiry for the** attending work of oil leakage for strengthening of Transformer Gasket by method of INSITU Gasket preparation of Nut bolts of BBL make 132/33KV 50MVA PTF-I Sr.No.5122/18 at 132KV Dhule S/stn. under EHV O&M Div.Dhule.

**RFX No. 7000020292**

<b><u>S</u> <u>N</u> <u>O</u></b>	<b>Particular of work</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate per Unit in (Rs.) Ex.Works</b>	<b>Amount</b>
1	Work of strengthening of Transformer Gasket for arresting oil leakages of BBL make 132/33KV 50 MVA T/F 1 Sr No-5122/48 by method of INSITU Gasket preparation for Top Plate Nut bolts of size 32mm at 132KV Dhule S/Stn . DOC-19.12.2009 & Mfg. Yr.2009 as per detail procedure given in schedule "B".	PER BOLT	120		
<b>GST 18 % Extra on above rate.</b>					
<b>Contract Value:-Limited to Rs.2,39,587/- Rs.Two Lakhs Thirty Nine Thousands five hundred Eighty Seven rupees (Inclusive of All taxes &amp; 1% Labour Cess and charges.)</b>					

**Pls Note:-** Work should be done as per detail procedure mentioned in schedule "B".

S/d  
Executive Engineer  
EHV (O&M) Division,  
MSETCL, Dhule.

## **Schedule –B**

Sub: - **SRM Re-E-Enquiry for the** attending work of oil leakage for strengthening of Transformer Gasket by method of INSITU Gasket preparation of Nut bolts of BBL make 132/33KV 50MVA PTF-I Sr.No.5122/18 at 132KV Dhule S/stn. under EHV O&M Div.Dhule.

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### **Procedure of transformer oil leakage arresting by strengthening gasket.**

1. Flexible sealant -100% your flexible silicon rubber, oil resistance, to from in-situ gasket in transformer top plate area.
2. Plastic steel 5 minute putty – fast curing steel filled epoxy which cures in 5 minute at 25°C after mixing resin and hardener. Bonds with metals, ceramic glass and even oil surface.
3. Titanium putty – high compressive strength, non-rusting, high resistance temperature resistance, machinable putty for strengthening of leakage area.
4. Cleaner – fast evaporating cleaner for proper cleaning of surface. Before application of putty.

### **Application Procedure.**

1. For leakage arresting from gasket area, first thoroughly clean the whole surface with cleaner. Cleaner will remove the dirt and dust from the surface then surrounding paint to be removed by mechanical abrasion (wire mesh brush) & again that area to be clean by using cleaner.
2. Then apply silite sealant in joint area with caulking gun by removing on by one nut bolt. silite sealant is oil resistance and will from in–situ gasket.
3. After strengthening of gasket, applied plastic steel 5 minute putty on outer surface of plate joint. Plastic steel 5 minute putty cures in 5 minute & bonds on oily surface .
4. To obtain high strength to this repaired the area, finishing coat of titanium putty to be applied. to get best result , final coat to applied over entire joint surface and allowed to cure for 45 minute after which the coating get its full strength.

**S/d**  
**Executive Engineer**  
**EHV (O&M) Division,**  
**MSETCL, Dhule.**