

## **2nd call for SRM E-Tender -Notice**

Digitally signed online bids are invited for following tender through SRM E-tender process of MSETCL in two-bid system from bidders who are registered Contractors of MSETCL.

**RFx No-7000030397 - 2nd call for SRM E-Tender No EE/EHV/O&M/Dvn/DHL/T-28/2023-24,**

**Particulars:** Work of Annual Maintenance contract & attending emergency work of 220kV & 132kV EHV Transmission Lines under EHV O&M Division, Dhule as per Schedule A

**Estimated cost Rs:-** 25,00,000/- including GST ,

**E.M.D. (1% of est. cost):**Rs. 25,000/-,

**Tender cost in Rs. 500/- plus GST extra,**

**Sale period:06.03.2024 at 11.00 Hrs to Dt.12.03.2024 up to 13.00 Hrs**

**Last Date of Submission:Dt.12.03.2024 up to 13.00 Hrs,**

**Date of opening (Tech. bid):Dt.12.03.2024 at 14:00Hrs. (If possible).**

**Contact person:** Executive Engineer ,Tel. No. 02562-239018 (O) Fax- 239019.

For further details please visit to <https://srmetender.mahatransco.in>.

**Note:** All eligible Supplier/Contractors are mandated to get enrolled on SRM E-Tenders (New) portal of MSETCL.

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

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Please do not publish the matter below this line.

Executive Engineer

EHV (O&M) Division, MSETCLDhule

## GUIDELINES FOR PARTICIPATING IN THE E-TENDER THROUGH SRM

1. Tender documents can be downloaded online from the aforesaid Website within the aforesaid date & time. The bidder can login as a guest user and can search for the RFx number. Accordingly, bidder can view/download the tender document from 'Technical RFx' tab available in concerned RFx. Also, the price schedule can be View/Download by print preview tab available in the concerned RFx.
2. Only the registered SRM vendors can only participate in the RFx and can submit the bid.
3. Accordingly, the Bidder has to login from his SRM User ID and has to register for the concerned RFx. Accordingly, bidder has to click on Participate Tab in the concerned RFx for participating in that RFx. The guideline for participating in the tender through SRM is also attached separately.
4. The E.M.D. and Tender Fees is to be paid online only through SRME-Tenders(New) Portal within the tenders sale period.

**Note: Earnest money deposited will be refunded online through SRM System after approval from competent Authority. EMD will be credited to the bank account maintained by bidder in vendor Profile in SRM system. Bidders are requested to ensure that the bank details i.e. Account No., IFSC Code, Account Holder Name, Bank Name, Bank Address are correctly maintained in SRM System and update the same, if required.**

**It may be noted that:**

- 1) In case bank details are not maintained by the bidders in their SRM Vendor profile, EMD will not be refunded online and MSETCL will not be responsible for the delay.
- 2) MSETCL will not be responsible for any financial implications in case incorrect bank details are maintained by the bidders as it is the sole liability of the bidder to maintain correct bank details to facilitate online refund of EMD."
5. The Bidders should have to submit their bids online well in advance within the aforesaid date & time instead of waiting till last date. MSETCL will not be responsible for non-submission of Bids due to any website related problem.

### **Pre-requisites to submit tender online:-**

- A. Bidders should have a legally valid Class III-B digital signature certificate as per Indian IT Act from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India.
- B. **Web Browser:** Only Internet Explorer (version 8.0 or above) should be used. Other browsers like Mozilla, Firefox etc. may encounter some problem. **Java:** To view some of the components, bidder needs to install latest Java Internet component JRE/JDK 5.0
7. The pre-qualifying requirements (**Qualifying Criteria**) will be available in the question format at 'Questions' tab in the RFx information.

The bidder has to answer all the questions at the time of bidding and also the supporting documents as required above shall be uploaded by the bidder in 'note & attachments' tab which is nearby Question tab. 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/or any attachment.

8. Bidders should submit the rates in the SRME-tender for each item as per the guidelines attached for participating in the RFx.

**Note:-** "The price Bid shall not be attached in the document format i.e. by preparing the price bid and by uploading/attaching the scan copy of the price Bid. The same will be not accepted".

9. First the Techno-Commercial bid (i.e. Technical Bid) will be opened online in respect of all the Tenders received. The commercial bid (i.e. Price Bid) will be opened online in respect of those Bidders who have submitted all digitally signed documents/certificates in Techno-Commercial bid as required in satisfactory manner & who are qualified. If any deviation is observed in the Techno-Commercial bid, the same will be informed to bidders on bidder's registered e-mail id in the SRM Portal. Bidders have to submit the compliance/required documents against the same within the stipulated time.

**Note:-** The Techno-Commercial Bid Documents and the Price Bids for the other bidder participating in the RFx can be viewed by bidder if required within the 24 Hr only from the opening of the respective bids.

10. There is separate link also available at MSETCL's e-Procurement site <https://srmetender.mahatransco.in> regarding guidelines for participating in the e-tender through SRM.
11. The undersigned reserves the right to cancel the above tender at any stage without assigning any reason.
12. Bidder will have to supply materials from approved vendor of MSETCL.

Executive Engineer  
EHV (O&M) Division  
MSETCL, DHULE

**INSTRUCTION TO BIDDERS**  
**TQR for 2nd call of SRM E Tender**

Bidder should upload the following digitally scan copies of original documents / certificates online in 'notes & attachments' tab in RFx.

**1. STATUTORY QUALIFYING CRITERIA:**

- I.** The Bidder should be an electrical contractor having a **valid Electrical Contractor's license** issued by Government of Maharashtra. – Proof thereof.
- II.** The bidder should be registered under Goods & Services Tax Act (GST) under GST act & GSTR-3B of last three months (Nov.23, Dec23 & Jan.24) -Proof thereof..
- III.** The bidder should be registered under P.F. Act & ECR challen copies of last 3 months (Nov.23, Dec23 & Jan.24)---Proof thereof
- IV.** The bidder should have Valid Workman's compensation policy...Proof Thereof.

***Note: The original colour scan copy should be uploaded as bid documents in support of statutory qualifying criteria i.e. statutory licenses/registration. The attested / notarized photo copies of the same will not be entertained.***

**2. TECHNICAL QUALIFYING CRITERIA:**

- I.** The bidder should have in last **9 years** experience of successfully completed the **Works** such as
  - a. Construction of EHV (220kv /132kv) Lines or**
  - b. Maintenance ( cold washing of disc insulators, fixing / replacement of tower accessories ) of EHV (220kv/132kv)lines or**
  - c. Insulator replacement of EHV (220kv/132kv) lines or**
  - d. Earthwire stringing / earth wire replacement of EHV lines (220kv/132kv) or**
  - e. Stringing / de-stringing of conductor of EHV(220kv/132kv) lines**in MSETCL or any Power Transmission Utility for amounting as follows-:
  - a. Single completed Work Order of any of the above works amount of at least **70% amount** of the estimated amount, **or**
  - b. Two completed Work Orders of any of the above works each having amount of at least **40% amount** of the estimated amount, **or**
  - c. Three completed Work Orders of any of the above works each having amount of at least **30% amount** of the estimated amount.Note-: The amount of successfully completed work under the work order in force will also be considered.
- II.** The bidder should submit the **user's certificate** for satisfactory completion of work mentioned above duly signed by authority not below the rank of Executive Engineer or equivalent in case of Government works alongwith the original copy of work orders of works mentioned in the certificate. .
- III.** The owner reserves the rights to accept / reject the Bid.

***Note: The original colored scan copy should be uploaded as bid documents in support of Technical qualifying criteria. The attested / notarized photo copies of the same will not be entertained. Detailed communication address, e-mail ID and contact nos. of the end users should be furnished for cross verification.***

### **3. FINANCIAL QUALIFYING CRITERIA:**

- I. Copy of PAN Card & IT returns, audited profit & loss statement & balance sheet of last 3 financial year ( F.Y.2020-21, 2021-22, 2022-23).
- II. **Turnover-:** The Average Annual financial turnover of the bidder during the last 3 financial years ( F.Y.2020-21, 2021-22, 2022-23) should not below than **50%** of estimated cost of subject tender. The bidder should submit the certificate of turn over through Unique Document Identification Number ( UDIN) duly certified by Practicing Chartered Accountant for preceding ( last) 03 financial year on the basis of audited financial statement.
- III. **Net-Worth-:** The bidder should have Net Worth (which is defined as “Equity share capital + Total Reserves – Revaluation reserves – Intangible assets – Miscellaneous expenditure to the extent not written off and carry forward losses”) of **not less than 20%** (Twenty percent ) value of estimated cost of tender. The bidder should submit the statement of Net Worth duly certified by Chartered Accountant for the last financial year. The bidder should submit the statement of Net Worth through Unique Document Identification Number ( UDIN) duly certified by practicing Chartered Accountant.  
OR  
The bidder should have submitted the valid Solvency certificate of **20%** of the estimated cost from any scheduled or Nationalized Bank ( within 06 months from tender submission date).

***Note: 1. The original colour scan copy should be uploaded as bid documents in support of Financial qualifying criteria. The attested / notarized photo copies of the same will not be entertained.***  
***2. The duly audited, verified and certified figures from chartered accountant will be considered for annual turnover and net worth. The provisional certificates (if any) will be not be entertained.***

### **4. PAYMENT OF E TENDER FEES & EMD :**

- I. **E-Tender fees:** The Bidder should have to pay appropriate tender fee online compulsory ( Appropriate tender fees as per MSETCL circular No.MSETCL/ CO/CE/ERP/15291 Dt.08.12.2015 is Rs.525/- --the proof regarding payment of tender fees (Rs. 525/-).
- II. **EMD:** The bidder have to pay Bid Security Deposit (BSD/EMD) for an amount equal to 1 % (one percent) of the estimated cost of tender is paid in online mode only.  
Note for NSIC / SSI /MSME registered vendor- For details regarding exemption of payment of EMD follows the MSETCL Circular No. MSETCL/Dir(Ops)/10812 dtd. 10.10.2018 which is enclosed with Rfx for ready reference).

### **5. OTHER MANDATORY DOCUMENTS FOR VALID BID :**

- I. List of technical employee’s along with their qualifications & T&P list.
- II. Partnership deed of bidder is a partnership firm.( if any)
- III. Undertaking for acceptance of all the terms & conditions of tender documents & MSETCL’s standard terms & conditions on valid company’s/firm’s letter head as per annexure of tender documents ( **Format Enclosed -ANNEXURE-A**).
- IV. Bidders have to submit an undertaking in the attached **Proforma ANNEXURE-B** declaring that their Firm is not Debarred/Blacklisted by Government/Semi Government/Other Power Utilities, anywhere.  
If it is revealed that the participating Bidder is Debarred/Blacklisted by Any Government/Semi-Government/Other Power Utility, anywhere, the offer of such Bidder shall be liable for rejection at any stage of Tendering process.  
Further, if it is revealed that the successful Bidder is Debarred/Blacklisted by any Government/Semi-Government/Other Power Utility, anywhere then Order of such Bidder shall be liable for termination at any stage of Order execution process and the concern Bidder shall be solely responsible for the consequences arising there form.

- V. Bidders have to submit an undertaking in the attached **Proforma ANNEXURE-C regarding submission of correct documents against the tender on Non-judicial Stamp** of appropriate amount Rs.500/-.
- VI. The price variation (PV) Clause is not applicable for this tender.
- VII. Joint venture / consortium will not be allowed for this tender.

**B]Commercial Bid (Price Bid):** Bidder should upload the digitally signed price bid under commercial bid online along with quoted price.

1. The technical bid will be opened online in respect of all the e-Tender received. The commercial bid will be opened online in respect of those tenderers who have submitted all digitally signed documents/certificates in technical bid as required in satisfactory manner & who are qualified.
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.
3. Right to split up the E-Tender order or to cancel any or all the e-Tender offers without assigning any reason thereof is reserved by the undersigned.
4. The undersigned reserved the right to split the contract for simultaneous/parallel execution of work by matching the rates of willing contractor with 1<sup>st</sup> lowest bidder rate.
5. Right to reject all or any of the tenders without assigning any reasons thereof are reserved by the undersigned.
6. **SECURITY DEPOSIT: The Bidder will have to pay security deposit within 10 days from the date of receipt of intimation from this office, amounting to 10% of the value of the contract in the form of Cash / D.D. only. D.D. should be of any Nationalized bank in the name of Executive Engineer, EHV O&M Division, Dhule payable to Dhule. If the agency is submitting BG, it should be of Nationalized bank only, in the name of Executive Engineer, EHV O&M Division, Dhule payable to Dhule to EHV O&M Division, Dhule. In this case, the BG should be valid up to the expiry of guarantee period of last service given by the agency. The detail order will be placed after payment of SD & submission of Agreement. The security deposit will be refunded only after satisfactory completion of Guarantee Period of last service given by the agency.**
7. The successful bidder shall also execute a stamped agreement at **EHV O&M Division, Dhule level** at his own cost in the Company's standard forms before start of work. (stamp duty of Rs.2000/-)
8. The successful bidder have to obtain comprehensive insurance -Contractors All Risk (CAR) insurance against said contract for any damage to MSETCL's property during execution of work. If the above insurance policy not drawn then as per Govt of Maharashtra directives one percent amount (1%) of the contract value will be deducted from the bill and the same will be deposited to Director of Insurance, Govt of Maharashtra through cheque/Demand draft.
9. E-Tender which do not fulfill all or any of the above conditions or are incomplete in any respect are liable to summarily rejection.
10. 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.
11. The submission of the on line e-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.
12. The MSETCL will not however, after acceptance of contract rate pay any extra charges for lead or any other reasons, in case the bidder is found later on to have misjudged as available.
13. The bidder 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 bidder will have to make his own arrangement for the transportation of the materials from the departmental store / site store to the actual work site at bidder expenses.

14. A schedule of quantities is included in the e-Tender document. It shall be definitely understood that the Company does not accept any responsibility for the correctness or completeness of this schedule and this schedule is liable to alterations, omissions, deductions or additions at the discretion of the Executive Engineer, EHV O&M Division, Dhule as set forth in the conditions of contract.
15. The e-Tender documents shall be written legibly and shall be free from eraser, overwriting or conversions of figures correction and where unavoidable shall be made by crossing out initialing, dating and rewriting.
16. The contract or any part thereof shall not be sublet without the written permission of the Executive Engineer, EHV O&M Division, Dhule .
17. The Maharashtra State Electricity Transmission Co. Ltd., or their officers who accept the tender, shall have the right of rejection all or any of the e-Tender and will neither be bound to accept the lowest, nor to assign any reason whatever for the rejection of any e-Tender or all tenders.
18. E-Tender shall remain open for acceptance subject to the provisions of clause (14) above for a period for three months from the date on which they are due for submission. During this period, no bidder shall be allowed to withdraw his tender. Any such withdrawal during the said period will entitle forfeiture of the earnest money deposited with the tender.
19. Further information required, if any can be had from the **office of the Executive Engineer, EHV O&M Division, Dhule**. But, it must be clearly understood that the e-Tender must be received in order, by the due date and according to the instructions.
20. The technical Documents should be uploaded in Technical Bid & Commercial documents/offer/price Bid should be uploaded separately. In case both Technical & Commercial are uploaded in one file wrongly, the offer will be rejected.
21. MSETCL will not be responsible for non submission of Bid due to any internet connectivity/server problem.

**Executive Engineer**  
**EHV O&M Division, MSETCL, Dhule**

**Seal & Signature of the bidder**  
**Address:**

**MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.**  
**GENERAL CONDITIONS OF CONTRACT**



**1A.** These special conditions of contract, supplement the instructions to bidder and the General Conditions of contract as applicable to works contract document, where in provisions of these special conditions are at variance with the General Conditions of contract those conditions shall prevail.

**1 B.** In view of restructuring of MSEB in to four Companies w.e.f. 06.06.2005 all the terms and conditions of the Board will hold good for newly incorporated company vide Registrar of Companies Certificate No. U40109 MH 2005 PTC 153648 and nomenclature as the "Maharashtra State Electricity Transmission Co. Ltd." Henceforth, the words MSEB or Board appears in this e-Tender shall be read as the Maharashtra State Electricity Transmission Co. Ltd.

**2. SCOPE OF WORK:**

Work of Annual Maintenance contract & attending emergency work of 220kV & 132kV EHV Transmission Lines under EHV O&M Division, Dhule.

**3. The Mobilization / De-mobilization charges are applicable on occasion basis, irrespective of days. These charges are applicable only for the deployed gang comprising minimum 15 labours.**

**4. The mobilization charges shall not be applicable for non-outage / non breakdown activities.**

**5. Number of gangs to be deployed for particular work will be at the discretion of engineer in charge, though the work involved seems to be small or less in quantity. It will be decided considering the quantum of work, geographical , weather & other R.O.W. conditions at the same time.**

**6. Mobilization charges will be payable even if actual work is not carried out due to non approval of outage in real time with condition that gang / gangs should be physically moved to the site & available at tower location & not ready for movement at contractors location.**

**7. Head loading charges will be applicable only for the locations in hilly area which are not approachable by any vehicle. It will be applicable in plain area for tower location beyond 200 meters from the nearest spot approachable . It will be applicable for unapproachable tower locations due to rains. This will be in addition to mobilization charges as a special condition.**

**8. TOOLS PLANTS AND MACHINERY:**

The bidder shall have sufficient and adequate T&P with him. The representative or authorized representative of the owner will verify the workability & availability of T&P owned by bidder. If the inadequacy is observed, bidder should comply all short falls and after written consent of EE, he should start/commence the execution. Though it is verified by owner, it does not mean that owner is responsible to provide shortfall of T&P & machinery to execute the work. It is sole responsibility of bidder to complete the work within stipulated time period. The Bidder shall bring his all constructional tools, plant and machinery for this work. Plant and machinery as are available with the Company may be made available at the discretion of the Executive Engineer or his representative to the bidder on payment of hire charges as fixed by the Company. Such hire charges will be recoverable every month from the bidder's bills and shall be charged for the period as stipulated in the anticipated rate. No claim for compensation will be given by the Company for the delay caused to the works by the non-working of any machinery's tools and plants given to the bidder by the Company. The bidder shall employ skilled mechanics for operation of the equipment hired to him by the Company and shall return the equipment in the same running condition as it was when handed over to him. Any damage done to the equipment shall be made good by the bidder except normal wear and tear.

**9. MAINTENANCE:**

The bidder shall for a period of twelve months after the date of completion of work certified by the Engineer-in-charge, maintain the work in such a manner that on the expiry of the period of maintenance they shall be in as good as perfect order and condition (fair wear and tear expected) as that in which they were at the commencement of period of maintenance the bidder shall at his own expense repair, rectify and make good to the satisfaction of the Engineer-in-charge, defects, imperfections, shrinkage's or other

faults arising from or out of the use materials or workmanship not in accordance with the contract or failure on the part of the bidder to comply with the provision of contract.

**10. HOUSING AND ACCOMMODATIONS:**

Bidder will make his own arrangement for the housing of his staff and labours.

**11. WORKING HOURS AND OTHER WORKS AT SITE:**

The bidder shall work amicably and co-operate with the Company in case and other work also is being carried out at the site. As such, it may please be noted by the bidder that he has to work without causing any interference or disturbance to the Departmental work or work of the other bidders. The hours of work for the labour employed by the bidder will be approved by the Engineer-in-charge.

**12. STACKING OF MATERIALS:**

The material shall be stacked at approved places only without obstruction to other work and no extra for leads etc. will be admissible for transport of such material to actual place of use.

**13. SITE CLEARANCE:**

The bidder shall, during the progress of work, keep the site reasonably free of all unnecessary obstruction and shall store the material neatly so as not to cause any obstruction for normal working/operations.

**14. VARIATION IN DESIGN AND VARIATION IN QUANTITIES OF WORK:**

The work will be generally carried out in accordance with the drawing and particular specifications and instructions given at site. The concerned Executive Engineer reserves the right to make any changes in drawing at the places of the work and the bidder is bound to carry out them. The concerned Executive Engineer also reserves right to increase or decrease the quantities of work to be executed or deleted or add any items, part or whole thereof.

**15. PROGRESS REPORT:**

The bidder shall submit the report as per the bar chart to the **Executive Engineer, EHV O&M Division, Dhule** showing the progress of the delivery of the materials to be supplied by the bidder (If any) and the progress of the erection work. The report should be submitted on 1st and 15th day of every month at division level.

**16. BAR CHART:**

**The time stipulated in the contract for the completion of the works is the essence of this contract.** The bidder shall so organize his resources and perform his work that all the works are completed within stipulated time as per bar chart. The bar chart shall be prepared in consultation with **Executive Engineer, EHV O&M Division, Dhule** before starting of work & shall be got approved from the **Executive Engineer, EHV O&M Division, Dhule**.

**17. Work Completion Period:** - The works should be completed within stipulated time period/minimum time period to restore the system on top priority from the date/time of handing over of site & as per the availability of outage ( if required) In no case the programmed laid down should be delayed.

The work should be attended immediately on intimation of Executive Engineer or his representative & completed within minimum time period as per the schedule given by Executive Engineer. "Before starting work, permission of Executive Engineer is must."

**In case of attending break down & emergency , your gang should reach at site of break down within two hours( 02 hours) along with all T&P and man power on receipt of intimation from concern S/Dn In charge, otherwise penalty of Rs.1000/- per each occasion of break down up to 3 nos of break down will be imposed. After that the penalty will be doubled ie Rs.2000/- for each next occasion, ie for each next break down if your gang with all T&P & man power will not reach at site within 2 hours, the penalty will be doubled ie Rs.2000/- .**

**18. SUITABILITY OF TECHNICAL AND SKILLED PERSONNEL:**



The bidder shall keep one full time experienced technical responsible person at site, he shall be fully authorized to receive and comply with such instructions as are given by the Engineer-in-charge. The name of such person with his qualification and experience shall also be immediately reported to the Engineer-in-charge.

The bidder must also provide for necessary skilled and unskilled workmen for each class of work and the Engineer-in-charge have the right to satisfy himself about the suitability or otherwise of such workmen. The Engineer-in-charge shall have the right to demand the removal of any Technical personnel, skilled or unskilled worker who in his opinion are considered to cause bad workmanship in the execution of the work or to cause indiscipline.

The bidder shall also provide the necessary staff such as labour and also materials, scaffolding shorting, tools and plants of every kind, quality and description. Whatsoever for the efficient execution of the work.

**19. DAMAGE OF WORK:**

The works whetherfully completed or incomplete, all the materials, machinery plants, tools temporary building, and other things connected there which shall remain at the risk and in the sole charge of the bidder until the completed work has been handed over to the Engineer-in-charge and till completion certificate has been obtained from the Engineer-in-charge. Until such handing over of the completed work, the bidder shall at his own cost take all precautions reasonably necessary to keep all the aforesaid works, materials, machinery, plants, and other things connected therewith, free from any loss or damage and in the event of the same or any part thereof being lost or damaged, he shall forthwith reinstate and make good such loss or damage, at his own cost.

**20. MSETCL DECISION FINAL:**

If any time question or difference shall arise between the bidder and Engineer-in-charge the decision of E.E. EHV (O&M) Division, Dhule will be final and binding on both parties.

**21. OUTBREAK OF WAR:**

- a. If during the currency of the contract there shall be an outbreak of war, (whether declared or not) which whether financially or otherwise materially affects the execution of the work, the bidder shall unless and until the contract is terminated under the provisions in this clause, continue to use his best endeavor to complete the execution of the works provided always that the owner shall be entitled, at any time after such outbreak of war, to terminate the contract by giving notice in writing to the bidder and upon such notice being given, this contract shall (save as to the rights of the parties under this clause and to the operation of clauses entitled settlement of Dispute-Arbitration) hereof be terminated but without prejudice to the rights of either parties in respect of any antecedent breach thereof, dice to the rights of either parties in respect of any antecedent breach thereof.
- b. If the contract shall be terminated under the provisions of the above clause, the bidder shall with all reasonable diligence, remove from the site all the bidder's equipment and shall give similar facilities to his sub-bidders to do so.
- c. If the contract shall be terminated as aforesaid, the bidder shall be paid by the owner (in so far as such amounts or items shall not have already been covered by on account payment made to the bidder) for all work executed and accepted by the Engineer prior to the date of termination at the rates and prices provided in the contract.
- d. In the event of any dispute in regard to the price of the works and portion of the payment to be made to the bidder, the decision of the Executive Engineer EHV(O&M) Dvn, Dhule shall be final.
- e. The bidder will be further required to transfer the title and provide the owned with the following detailed works and as directed by the owner.
  - I. Any completed works.
  - II. Such partially completed works including drawings, information's and contract rights as the bidder has specially performed, produced or acquired for the performance of the contract.

**22. FORCE MEASURE:**

- A. The following causes that substantially affect the performance of the contract shall only be considered as force measure condition
- i. Natural phenomena including floods, droughts, earthquakes and epidemics.
  - ii. Acts of any government, domestic or foreign including war, declared or undeclared, priorities, quarantines, embargoes.
  - iii. Non availability of Outages required to be provided by MSETCL
- Provided the party affected by the "force Measure" shall within fifteen (15) days from the occurrence of such a case, notify the other party in writing of such cause with sufficient documentary proof.
- B. Notwithstanding any provision under 13A the owner shall not be in any way be liable for non-performance either in whole or in part of any contract or for any delay in performance thereof in consequence of any contract or for any delay in performance thereof in consequence of strikes, shortages combination of labour or workman or lockout, breakdown or accident to machinery or accidents of what so ever nature, failure on the part of the railways to supply, sufficient wagons to carry essential raw materials etc. and furnished produces from the stores etc. These causes shall not be treated as "Force majeure" but subject to the provision and stipulation made in clause of liquidated damages of late delivery.
- C. The Bidder or the owner shall not be liable for delays in performing their respective obligations resulting from any force measure causes as defined above, the date of completion will be extended for the reasonable time by mutual agreement.
- D. In case of damage or destruction of any property or equipments belonging to the bidder due to force measure causes, the owner shall not be liable for same.
- E. The owner shall have the right to inform the bidder not to slip any part of the equipment due to weather or any other reasonable cause and in all such cases, the bidder shall withhold shipment of such parts without any extra charge for storage for a reasonable time.

### **23. BIDDER LIABLE FOR ALL DAMAGE:**

Compensation for all damage done intentionally or unintentionally by bidders labourers, whether in or beyond the limit of MSETCL property shall be estimated by the Engineer-in-charge such other officer as he may appoint and the estimates of the Engineer-in-charge, subject to the decision of the Executive Engineer on appeal, shall be final and the bidder shall be bound to pay the amount of the assessed compensation shall on demand failing which the same will be recovered from the bidder as damages or deducted by the Engineer-in-charge from any sums that may be due to or become due from the MSETCL to the bidder under this bidder or otherwise. The bidder shall bear the expenses of defending any action or other legal proceedings that may be brought by any person for injury sustained by him owing to neglect or precaution to prevent the spread of fire and he shall also pay any damage to cost that may be awarded by the court in consequence.

### **24. RECESSION OF CONTRACT AND FORFEITING OF DEPOSIT:**

The contract shall not be assigned or sublet without written approval of the Engineer-in-charge, And, if the bidder shall assign or sublet his contract or attempts, so to do or become insolvent or commence any proceeding to be adjudicated an insolvent or make any compensation with his creditors or attempts so to do, the Engineer-in-charge, may be notice in writing rescind the contract. Also, if any bribe, gratuity, gift, loan, perquisite, reward or advantage pecuniary or otherwise shall either directly or indirectly be given promised or offered by the bidder or any of his servants or agents, to any person in the employee of the MSETCL in any way relating to his office or employment or if any such officer or person shall become in any way directly or indirectly interested in the contract, the Engineer-in-charge may by notice in writing rescind the contract.

In the event of contract being rescinded the Security Deposit of the contract or shall thereupon stand forfeited and be absolutely at the disposal of the Board and the same consequences shall ensure as if the contract

had been rescinded and in addition the bidder shall not be entitled to recover or be paid for any works thereof actually performed under the contract.

**25. DECISION OF EXECUTIVE ENGINEER TO BE FINAL:**

Except where otherwise specified in the contract and subject to the powers delegated to him by the Company under the Company rule then in force, the decision of the Executive Engineer shall be final conclusive and binding on both parties to the contract upon all questions relating to the meaning of the specifications, designs, drawings and instructions herein before mentioned and as to the quality of workmanship or material used on the work, as to any other question claim, right, matter or thing whatsoever, in any way arising out of or relating to the contract designs, drawing, specifications, estimates, instructions, orders or these conditions of otherwise concerning the works or the execution or failure to execute the same whether arising during the progress of the or after the completion or abandonment thereof.

**26. COMPENSATION FOR WORKMEN'S COMPENSATION ACT:**

The bidder shall be responsible for and shall pay any compensation to his workmen payable under the Workmen's Compensation Act 1923, herein after called the said Act for injuries caused to the workmen. If such compensation is paid by the MSETCL, as principal under Sub-section of section 12 of the said act on behalf of the bidder of the said act it shall be recoverable by the MSETCL from the bidder under Sub-section (2) of the said section. Such compensation shall be recovered in the manner or as per MSETCL Rules.

**27. NO CLAIM FOR COMPENSATION FOR DELAY IN STARTING WORK:**

No compensation shall be allowed for any delay caused in the starting of the work on account of non availability of Outages and in the case of clearance works, for any delay in according sanction to estimation

**28. ACCEPTANCE OF CONDITIONS ON TENDERING FOR WORK:**

Submission of e-Tender or acceptance of work order shall be treated as acceptance of these conditions of the e-Tender by bidder.

**29. INCOME TAX:**

Income tax at source as per prevailing rate & WCT as per rules or at the rate-amended from time to time will be deducted from your bill in accordance with the provision of clause 194 (c) of Finance Act 1972 and to that effect a certificate will be issued to the bidder.

**30. INSURANCE:**

The bidder at his cost shall arrange, secure and maintain comprehensive insurance as may be necessary and for all such amount to protect his interests and the interest of the Owner, against all risks. Any loss or damage to the equipment, during supply, handling, transporting, storage and erection, till such time the plant is taken over by the Owner shall be to the account of the bidder. The bidder shall be responsible for lodging of all claims and make good for the damage or loss by way of repairs and / or replacement of the portion of the works damaged or lost. The transfer of title shall not in any way relieve the bidder of the above responsibilities during the period of the bidder.

**31. Accident: -** If any accident occurs to your labourers skilled or unskilled persons at work, compensation if any, it shall be paid by you only.. All safety Precaution should be taken during execution of work. In case of accident if any injury fatal or non fatal is caused to the labour, MSETCL will not be responsible for any monetary claims arising out of accident. It will be sole responsibility of agency to arrange for suitable insurance to cover such monetary claims

**32. Labour Cess:-** Labour Cess @1% under the building & other construction workers welfare cess act, 1996 & rate made there under shall be deducted on total cost of contract value.

**33. Insurance:** Your labour should be covered under group insurance against electrical / mechanical /chemical hazard during the work of contract. In case of accident if any injury fatal or non fatal is caused to the labour, MSETCL will not be responsible for any monetary claims

arising out of accident. It will be the sole responsibility of agency to arrange for suitable insurance to cover such monetary claims.

#### **34. INDEMNIFICATION OF OWNER:**

The bidder shall insure all his personnel, Tools and plants etc. and shall also take a third party liability cover to indemnify the Owner of all liabilities which may come up due to any act or omission on the part of bidder and cause harm/damage to other bidder / representatives of Owner or all or anybody rendering service to the Owner or is connected with Owner's work in any manner whatsoever. The bidder shall necessarily indemnify the Owner in all these respects and the indemnifications and insurance policy shall be to the approval of Engineer.

The recommended values for the third party insurance policy to be taken by the bidder are as bellows:

- a) Maximum liability for injury to any person 3, 00,000.00
- b) Maximum liability for any one accident 6, 00,000.00
- c). Maximum liability for total number of Accidents during the contract period 30, 00,000.00

If the total liability excess Rs. 30.00 Lakhs prior to completion of the work then the bidder shall arrange to renew the policy for the same amount to cover the balance completion period. However irrespective of the value of the policy, the bidder shall indemnify the Owner for all liabilities.

#### **35. ARBITRATION**

##### **1. The matters to be determined by the Executive Engineer:**

All disputes and differences of any kind whatsoever arising out of or in connection with the contract, whether during the progress of the work or after its completion and whether before or after the determination of the contract, shall be referred by the bidder to the E.E. and the E.E. shall (within 120 days) after receipt of the bidder's representation make and notify decisions of all matters referred to by the bidder in writing.

##### **(i) Demand for Arbitration:**

In the event of any dispute or difference between the parties hereto as to the construction or operation of this contract, or the respective rights and liabilities of the parties on any matter in question, the dispute or difference on any account or as to the withholding by MSETCL of any certificate to which the bidder may claim to be entitled to, or if the E.E. fails to make a decision (within 120 days) then and in any such case, the bidder (after 120 days) but within (180 days) of his presenting his final claim on disputed matters, shall demand in writing that the dispute or difference to be referred to arbitration.

(ii) The demand for arbitration shall specify the matters which are in question, or subject of the dispute or difference as also the amount of claim item wise. Only such dispute (s) or difference (s) in respect of which the demand has been made, together with counter claims or set off, shall be referred to arbitration and other matters shall not be included in the reference.

(a) The arbitration proceedings shall be assumed to have commenced from the day, a written and valid demand for arbitration is received by the MSETCL.

(b) The claimant shall submit his claim stating the facts supporting the claims along with all relevant documents and the relief or remedy sought against each claim within a period of 30 days from the date of appointment of the Arbitral Tribunal,

(c) The Company shall submit its defense statement and counter claim(s), if any, within a period of 60 days of receipt of copy of claims from the Tribunal thereafter unless otherwise extension has been granted by the Tribunal.

(iii) No new claim shall be added during the proceeding by either party. However, a party may amend or supplement the original claim or defense thereof during the course of arbitration proceedings subject to acceptance by Tribunal having due regard to the delay in making it.

- (iv) If the bidder(s) does/do not prefer his/their specific and final claims in writing, within a period of 90 days of receiving the intimation from the MSETCL, that the final bill is ready for payment, he/they will be deemed to have waived his/their claim(s) and the MSETCL shall be discharged and released of all liabilities under the contract in respect of these claims.

## **2. Obligation during tendency of Arbitration:**

Work under the contract shall, unless otherwise directed by the Engineer, continue during the arbitration proceedings, and no payment due or payable by the Board shall be withheld on account of such proceedings, provided, however, it shall be open for Arbitral Tribunal to consider and decide whether or not such work should be continued during arbitration proceedings.

- i. In cases where total value of all claims in question added together dose not exceed Rs. 1,00,00,000/- (Rupees One Crore) the Arbitral Tribunal shall consist of a Sole Arbitrator who shall be either the E.E. of the MSETCL or serving or retired officer of the Board/Government not below the grade of E.E. or equivalent nominated by the Chairman of the Board in that behalf. The Sole Arbitrator shall be appointed within 60 days from the day when a written and valid demand for arbitration is received by the Company.
- ii. In case the value of the claim exceeds Rs. 1,00,00,000/- (Rupees one Crore) as above, the Arbitral Tribunal shall consist of panel of 3 serving or retired officers of MSETCL/Govt. not below the grade of E.E. as the Arbitrators. For this purpose, the Board will send a panel of more than 3 names of arbitrators of one or more department of the MSETCL/Govt. to the bidder who will be asked to suggest to the Chairman at least 2 names for appointment as bidder's nominee. The Chairman shall appoint at least one of them as the bidder's nominee and will also appoint the balance number of arbitrators either from the panel or from outside the panel, duly indicating the presiding arbitrator from amongst the three (3) arbitrators so appointed. While nominating arbitrators, it will be necessary to ensure that one of them is or has worked in Accounts department.
- iii. If one or more arbitrators appointed as above refuses to act as arbitrator, withdraws from his office as arbitrator or vacates his/their office/officer or is/are unable or unwilling to perform his functions as arbitrator for any reason whatsoever or dies or in the opinion of the Chairman fails to act without undue delay, the chairman shall appoint new arbitrator/s to act in his/their place in the same manner in which the earlier arbitrator/s had been appointed. Such reconstituted Tribunal, may as its discretion proceed with the reference from the stage at which it was left by the previous arbitrator(s).
- iv. The Tribunal shall have powers to call for such evidence by way of affidavits or otherwise as the Arbitral Tribunal shall think proper, and it shall be the duty of the parties hereto to do or **cause to be done all** such thinks as may be necessary to enable the Arbitral Tribunal to make the award without any delay.
- v. While appointing arbitrator(s) as above, due care shall be taken that he/they is/are not the one/those who had as opportunity to deal with the matter to which the contract relates or who in the course of his/their duties as Boards servant(s) expressed views on all or any of the matters under dispute or differences. The proceedings or the Arbitral Tribunal or the award made by such Tribunal will, however, not be invalid merely for the reason that one or more arbitrator had, in the course of his service, opportunity to deal with the matters to which the contract relates or who in the course of his/their duties expressed views on all or any of the matters under dispute.
- vi. Arbitral award shall state item wise, the sum and reasons upon which it is based.
- vii. A party may apply for corrections of any computational errors, any typographical or clerical errors or any other error of similar nature occurring in the award and interpretation of specific point of award to tribunal within 30 days of receipt of the award.
- viii. A party may apply to Tribunal within 30 days of receipt of award to make an additional award as to claims presented on the arbitral proceedings, but omitted from the arbitral award.
- ix. In case of the Tribunal, comprising of three members any ruling or award shall be made by a majority of Members of Tribunal. In the absence of such a majority, the views of the presiding Arbitrator shall prevail.



- x. Where the arbitral award is for payment of money, no interest shall be payable on whole or any part of the money for any period till the date on which the award is made.
- xi. The cost of the arbitration shall be borne equally by the respective parties. The cost shall inter-alia include fees of the arbitrators as per the rates fixed by the Board from time to time. Provided that the fees payable per arbitrator for claims up to Rs. One Crore, shall not exceed Rs. 2000/- per sitting subject to a maximum of Rs. 25000/- and the fees payable per arbitrator for claims over Rs. one Crore, shall not exceed Rs. 2000/- per sitting subject to a maximum of 50,000/-. Provided further that the arbitrators who are in service of Govt. /MSETCL shall draw fees at half of the rates mentioned above.
- xii. Board shall maintain a list of arbitrators. The Chairman shall have full powers to delete or add the name of the arbitrators in the list or to make amendments to the list as per his discretion.
- xiii. The arbitral proceedings should be completed and the award be finalized within one year from the date of appointment of arbitrators.
- xiv. Subject to the provisions as aforesaid, Arbitration & Conciliation Act. 1996 and the rules there under, and any statutory notification thereof shall apply to the arbitration proceedings under this clause.
- xv. In case the bidder (s) falls within the ambit of Small Scale & Ancillary Industrial Undertakings Act, 1993, following clause regarding payment shall be incorporated.

**36. JURISDICTION:**

All the disputes arising out of this contract shall have exclusive jurisdiction of court in Dhule.

**Note:- Along with the said tender document, the revised tender & purchase order terms & conditions for R&M & Capex budget O&M work formulated by Corporate office, MSETCL Mumbai vide Ltr No.MSETCL/CO/CE/Tr (O&M)/SE-II/EE-VII/No.2064Dt16.02.2024 are also attached herewith. The bidder is bounded to follow the terms & conditions mentioned in said letter.**

**Executive Engineer**

**EHV O&M Division, MSETCL, Dhule**

Certified that the booklet **E-TENDER AND CONTRACT FOR WORKS** has been read by me/us and I/we abide with all terms and conditions stated therein.

Seal & Signature of the bidder

Address:

**GENERAL RULES AND DIRECTIONS FOR THE  
GUIDANCE OF BIDDER**

- 1 Copies of the specification, designs, drawings, and any other documents required in connection with the work (If any), which will be signed by the Executive Engineer for the purpose of identification shall be open for inspection of the bidders at the office of the Executive Engineer during the office hours.



- 2 Where the works are proposed to be executed according to the specification recommended by a bidder and approved by a competent authority on behalf of the MSETCL, such specification with designs and drawing shall form part of the accepted tender.
- 3 The tenders and receipts for payments made on account of any work, when executed by a firm should be signed, except where the bidders are described in their e-Tender as firm, in which case the receipt shall be signed in the name of firm by one of the partners or some other persons, having authority to do so.
- 4 Tenders, which propose any alternation in the work specified in the form of invitation of e-Tender or in the time allowed for carrying out the work, or which contain any other conditions of any sort will be liable for rejection.
- 5 The Executive Engineer or his duly authorized assistant will open tenders online in the presence of any intending bidders, who may login at the time and will note the amounts of the several tenders in a comparative statements in the suitable form. In the event of a e-Tender being accepted the bidders shall there upon for the purpose of identification, sign copies of the specifications and other documents. In the event of e-Tender being rejected, the bidder is expected to submit the online EMD proof along with the details of the bank, Account Number, IFSC code to the office of **EHV O&M Division, Dhule**. The officer competent to dispose off the tenders shall have the right of rejecting all or any of the tenders, without assigning any reason thereof.
- 6 All work shall be measured not only by standard measure and /or according to rules and custom and usual method in use in the Maharashtra State Electricity Tr. Co. Ltd., and no proposals to adopt alternative method will be accepted.
- 7 The Executive Engineer's decision as to what is the usual method in use in the Maharashtra State Electricity Tr. Co. Ltd. shall be final.
- 8 All corrections and additions or pasted slips should be initialed.
- 9 Bidder shall be deemed to have full knowledge of all relevant documents, site conditions etc. whether inspected or not by him.
- 10 Under no circumstances shall any bidder be entitled to claim enhanced rates for any items of contract without prior sanction of the competent authority.
- 11 These rules and directions of MSETCL shall form part of the contract.

Executive Engineer

EHV O&M Division, MSETCL, Dhule.

Seal & Signature of the bidder

Address:

### **SPECIAL CONDITIONS OF CONTRACT**

- 1) Bidder should upload the digitally scan copies of documents / attested certificates online.
- 2) The completely filled e-Tender offer will be accepted by on-line to this office till Dt.12.03.2024 up to 13.00 hours and same will be opened on Dt.12.03.2024 at 14:00 hours (if possible).
- 3) The submission of the E-Tender by Bidder implies that he has read all instructions and conditions of the contract etc., and he had made himself aware of the scope & specifications of the work to be done.

- 4) **The percentage (%) rates shall be quoted in the work Price Schedule(at par/above/below).**The rates and amount shall be written both in Words and figures. The E-Tender documents shall be written legibly and shall be free from eraser. Overwriting or conversions of figures correction and where unavoidable shall be made by Crossing out initiating, dating and rewriting.
- 5) The rates quoted should be firm and price variation will not be applicable.
- 6) E-Tender offer should valid for 120 days from the date of opening of the Tender.
- 7) **PERIOD OF CONTRACT:**The contract period of entire work of e-Tender is **one year**. However the work is to be completed within stipulated time period/minimum time period to restore the system on top priority from the date/time of handing over of site & as per the availability of outage. In no case the programmed laid down should be delayed. **The breakdown work should be attended immediately on intimation of concern Engineer & completed within minimum time period as per the schedule given by Executive Engineer.**
- 8) **SUPPLY MATERIALS:**  
The Company will not be responsible for any delays in supply of bidder's materials. While, it will endeavor to see that no delay occurs on this account, any delay in supply of materials from the Board will however, be given due consideration in granting extension of time for the completion of the work, if found necessary. No claim for compensation for damage for idle time will be entertained on this accord.  
All materials required for the work, other than those that are specifically mentioned in the Annexure 'A' If any shall be supplied by the bidder at his own cost. Recommendation to authorities where required may be made by the Company, but the responsibility for the supply of the materials shall be that of the bidder and no excuse on this account for delay in the work shall be accepted.
- 9) The entire quantity of the material required for carrying out the work is to be delivered directly at site safely (if any). The Bidder will be responsible for the safety of the materials at site at his own cost. MSETCL will not be responsible for any damage to the material supplied by the Bidder.
- 10) The material shall be used with prior inspection at site by **Executive Engineer, EHV O&M Division, Dhule or his representative**. Material used shall be as per MSETCL standard. After dismantling of the existing insulators/materials, the care shall be taken that the insulators/materials shall be removed safely & without any damage to the existing insulators/materials, if any damage during the dismantling & for properly stacking of materials at site from the bidder, then same will be recovered from your R.A. bill. The concerned engineer in-charge of MSETCL shall report this activity. The material shall be stacked properly as per the directives of operating officer & at your (Bidder) own cost. MSETCL will not be responsible for any loss or theft of material at site. The bidder shall be responsible for safe custody of the materials at site.

**SCOPE OF WORK: Work of Annual Maintenance contract for attending emergency work of 132kV & 220kV EHV Transmission lines as & where required under EHV O&M Division, Dhule as per schedule 'A'**

The other details are as follows:

- a. The General Technical Particulars (GTP) of material required for said work shall be as per MSETCL standard Norms & Rules. If any dispute arises regarding the technical specifications mentioned in the e-Tender and technical specifications required as per actual site condition, the decision of the Executive Engineer, EHV O&M Division, Dhule will be final. The Bidder should have to supply only the required material (if any) as per MSETCL's standard specifications & as per the site requirement. The material shall be supplied in

complete set by the Bidder. Also the Bidder will have to carry out the above work as per the standard method of MSETCL.

- b. The all above activities are part of the stipulated time period of the contract.
  - c. The Bidder shall have to firstly complete all the work for which the outage is not required. The Bidder shall have to propose the outages required for carrying out the work well in advance, so that the same can be arranged by MSETCL. Bidder shall take utmost care to complete the work during the approved outage hours only, The Bidder shall have to arrange the man power and T&Ps accordingly.
- 11) **EXECUTION OF WORKS:** Bidder will have to execute the works in presence of Operating officer i.e. **Executive Engineer, EHV O&M Division, Dhuleor concerned Engineer incharge** under the jurisdiction of **EHV O&M Division, Dhule** & your representative.
  - 12) **SUPERVISION OF THE WORKS:** The works shall be under the overall supervision of Operating officer i.e. **Executive Engineer, EHV O&M Division, Dhuleor his representative**. The Bidder shall obtain a certificate from the concerned Engineer incharge for having successful execution & completion of the works satisfactorily. The EHV tower line locations where it is necessary to carry out the above said work will be informed by the operating officer & on priority basis where the work is necessary to be carried out.
  - 13) **INSPECTION:** The **Executive Engineer, EHV O&M Division, Dhuleor his representative** will inspect the material required (if any) for carrying out the above said work as per MSETCL standard specification & as per the site requirement before starting of the work directly at site. If any discrepancy observed, the same will be rejected & intimated to the **Executive Engineer EHV O&M Division, Dhule**.
  - 14) **PACKING, FORWARDING AND TRANSPORTATION:**
    - 1) The Bidder shall be fully responsible for Packing, Forwarding and Transportation of material by rail ways or by any other authorized mode of transport, clearance of equipment and further transportation at site place of work / storage yard etc., in respect of material in his scope. No separate charges will be paid extra for packing, forwarding and transportation of material.
    - 2) Bidder wherever applicable shall, after proper painting, pack and crate all equipments/material in such a manner as to protect them from deterioration and damage during rail/road or any other authorized mode of transfer. The bidder shall be held responsible for all damages / losses.
    - 3) The bidder shall notify the Owner of date of each shipment from his/manufacturer works and the expected date of arrival at the site for the information of owner. The bidder shall give all shipping information concerning the weight, size and the contents of each packing including any other information the owner may require.
    - 4) The insurance for the material during transportation will be in the scope of the bidder. MSETCL will not be responsible for any claim regarding insurance.
  - 15) **WATCH AND WARD:** The Bidder shall have complete responsibility of materials supplied by the bidder or handed over to bidder if any. The bidder shall keep watch and ward for all the materials

**GUARANTEE PERIOD:**

- a. The bidder shall warranty / guarantee that, the equipments/material supplied by him will be new and in accordance with contract documents & will be free from defects in material and workmanship for a period of 12 months from the date of final acceptance of works by MSETCL. Any defects developed due to defective materials and / or workmanship during testing and commissioning of equipments or during the guarantee

period of **12 months** from the date of final acceptance of work by MSETCL, shall be rectified or made good by the bidder at his own cost.

- b. The bidder's liability shall be limited to repair / replacement of any defective part in the equipment of his own manufacturer or those of his sub-bidder and arising from faulty design, materials and / or workmanship. All cost for the repair and / or replacement of defective part such as dismantling, re-erection, supply, transportation etc. shall be to the account of bidder.

**16) BANKRUPT:**

If the bidder shall become bankrupt or insolvent, or have a receiving order made against him, or compound with his creditors, or being a company or corporation commence to be wound up, not being a member's voluntary winding up for the purpose of amalgamation or reconstruction, or carry on its business under a receiver for the benefit of its creditors or any of them, the Owner shall be at liberty (a) to terminate the contract forthwith by notice in writing to the bidder or the receiver or liquidator or to any person in whom the contract may become vested or (b) to give such receiver, liquidator or other person the option of carrying out the contract subject to his providing a guarantee for the due and faithful performance of the contract upto an amount to be agreed.

- 17) The Bidder shall have to arrange for the transport of materials, Man power, equipments and T&Ps include all such cost in the rates quoted by him for finished work.

- 18) **PAYMENT SCHEDULE:** 100% Payment will be done after successful completion of work & against the submission of monthly R. A. Bill & subject to the availability of the funds.

**RATES & TAXES:** A break-up should be filled online along with ex-works price for e-tender for GST which are applicable. If the Breakup of taxes is not given as above for one or the other reason, the prices quoted will be interpreted as inclusive of all taxes or at the discretion of the Executive Engineer, EHVO & M Division, Dhule & the same will be binding on the Bidder.

Variation in GST on items shall not be entertained.

- 19) **BILLS:** All the payments will be made by Account Payee Cheques only. Bidder will have to submit the original R.A. bills for supply/works in the name of concerned sub division in charge under EHV(O&M) Dvn, Dhule.. The concerned Engineer in charge will verify & records the bills & after verification, the original bill along with SAP activities, NOC, work completion certificate will be sent to **Executive Engineer, EHV O&M Division, Dhule** for further auditing & passing the bills. The **Executive Engineer, EHV O&M Division, Dhule** shall make necessary arrangement for effecting of the payment at **Division level** subject to the availability of funds.

- 20) All royalties, transportation charges and all local Taxes / duties etc. shall be paid by the Bidder at his cost.

- 21) **PRECAUTIONS:** All equipments, line & Bus are in charged conditions. Bidder will have to take all precautions at his cost until handing over the site back to MSETCL.

- 22) **ACCIDENT:** If any accident occurs to the labour skilled or unskilled, compensation if any is to be paid by the Bidder at his cost.

- 23) **QUALITY OF WORK & MATERIAL:** Bidder will be responsible for quality of work & workmanship. The material used to be strictly as per specification.

- 24) **OUTAGES:** Outages as and when required will be arranged by the **Executive Engineer, EHV O&M Division, Dhule or his representative**. The planned outage schedule will be intimated by **Executive Engineer, EHV O&M Division, Dhule or his representative** to the bidder Seven days in advance. For breakdown work, the outage required (if any) will be arranged by concerned Executive Engineer within minimum time as per MSETCL rules & norms.

**25) TIME IS THE ESSENCE OF CONTRACT :**

- a. The time stipulated in the contract for the completion of the work shall be deemed to be the Essence of the Contract. The Bidder shall so organize his resources and perform his work as to complete the work within stipulated time period.

- b. The Bidder shall submit the activity wise bar chart within the time frame agreed, consisting of adequate number of activities covering various key phases of work. Also clearly indicating the completion period for

various groups of activities. This bar chart shall also indicate the interface facilities (e.g. outage approval, drawing approval etc.) to be provided by MSETCL and the dates by which such facilities are needed. The bidder shall discuss the bar chart so submitted with the MSETCL and the agreed bar chart which may be in the form as submitted or in revised form in line with the outcome of discussion shall form the part of the contract. During the performance of the contract, if in the opinion of the Engineer In-charge progress is not maintained, suitable changes shall be made in the bidders operation to insure proper progress.

c. The above bar chart shall be reviewed and the monthly progress report shall be submitted by bidder as directed by the Engineer In-charge.

**26) LIQUIDATED DAMAGES:**

a) If the bidder fails to complete all the works within the time frame stipulated, the MSETCL shall levy liquidated damages for breach of contract.

b) The Liquidated damage shall be levied at the rate of ½ % (Half Percent ) on the delayed portion per week of delay, subject to the maximum of 10 % of the contract price for the entire scope of the work. Due consideration will be given for delay in outages from MSETCL side while finalizing the liquidated damages.

c) In case of such delay, the contract may be terminated by the competent authority as per general rules and regulations of MSETCL and the balance work shall be got completed through separate contract at his risk and cost.

27) If Bidder fail to execute the work, it will be treated as breach of contract & contract will be terminated and order will be cancelled by forfeiting the EMD/security deposit & the balance work will be get done from other bidder at your risk & cost.

28) **BIDDER'S EMPLOYEES:** Bidder will have to employ and provide on site only such employees who are skilled and experienced for execution and supervision of works. Bidder will have to provide housing accommodations to his employees. Bidder will also responsible for any injury/accident to his employees. Payments of compensations for any accidents etc. as may required to be paid eventually shall be borne by the Bidder. Bidder should ensure that his staff uses the requisite safety equipment. The employees should be duly insured against any such eventually.

29) **DAMAGE TO PERSONS AND PROPERTY:** Bidder will indemnify the MSETCL against any losses and claims regarding any injuries or damage to any person, material or physically damage any property whatsoever which may arise out of or in consequence of the execution of work. During execution of work any damage/loss to Transmission Company's property occurs will be recovered from your bill.

30) **APPLICABILITY OF GENERAL CONDITIONS OF CONTRACT:** Notwithstanding anything stated here, the MSETCL's General Terms & Conditions of Contract shall be applicable to the contract as far as they are applicable to your contract.

31) **TERMINATIONS OF CONTRACT:** The undersigned reserves the right to cancel the contract, after giving due notice to you, in the event of the breach of contract in any respect or undue delay in execution of works /starting of the works.

32) The bidder will be solely responsible for the information uploaded/furnished in the qualifying criteria as mentioned in the tender document. If any wrong information furnished/uploaded by the bidder & if in future any such situation arises, the legal action will be initiated against him at his own cost.

33) **For continuous maintenance work of line at more than one occasion/outage) within headquarter, mobilization charges will be paid for only one occasion / outage (initial occasion only). If the maintenance work is carried out on same day on more than one line within Division as a head quarter, mobilization charges for single occasion will be paid.**

34) In case of any dispute arising out of your contract, it will be in the jurisdiction of Dhule Court only.

Executive Engineer,

EHV O&M Division, MSETCL, Dhule.

Seal & Signature of the bidder

Address:

**Annexure-A**

**UNDERTAKING**

(This undertaking should be given on company's / firm letter head)

To  
The Executive Engineer,  
EHV O&M Division, Dhule  
MSETCL

Dear Sir,



We hereby offer to execute the Work of Annual Maintenance contract & attending emergency work of 220kV & 132kV EHV Transmission Lines under EHV O&M Division, Dhule

As detailed in your tender specification and in accordance with the terms and conditions thereof. We have carefully perused the above tender specification connected with the work and agree to abide by them.

We also agree to pay Security Deposit and to give the Contract Performance Guarantees per your requirements in case we are the successful Bidders and we have accepted all terms & conditions of the tender specification.

**CERTIFICATE:**

I/We agree to supply the material at the rates herein tendered by me/us subject to the conditions of tender and supply in Annexure 'A' of this tender which I/We have carefully read and that I/We thoroughly understood and to which I/We agree. I/We hereby agree to keep this offer open up to the date as indicated in E-Tender Details and shall be bound by communication of acceptance dispatched within the validity period.

We further agree to execute the contract if awarded referred to in your E-tender specification as per the terms and conditions specified therein.

We are uploading this undertaking herewith as per the e-tender.

Signature of the Bidder :  
Name :  
Designation :  
Date :  
Authorized Common  
Rubber Stamp/Seal of  
The Bidder :

**ANNEXURE – B**

**(Declaration to be given by the Bidder on official Letter Head)  
Declaration regarding not been Blacklisted in the past and / or EMD /  
Security Deposit / Bank Guarantee not forfeited**

**DECLARATION**

I Shri/Smt. .... do hereby state and declare that M/s.  
...../ I am have not been Black Listed by any State /  
Central government institution / PSU or any Private Organization in the past. Further, my EMD  
/Security Deposit / Performance Security Deposit / Bank Guarantee etc. have not been forfeited by  
MSETCL or any other State / Central Government Department or Public Sector Undertaking.

Place:

Date:

(Signature & Seal of the Tenderer)

**Annexure-C**

Non-judicial Stamp of appropriate amount  
(Presently Rs. 500/-)

***UNDERTAKING***

I/We, \_\_\_\_\_ authorized signatory of M/s. \_\_\_\_\_  
solemnly declare that:

- 1) I/We am/are submitting the bid against the tender No. \_\_\_\_\_ & I/We offer to execute the work in accordance with all the terms, conditions & provisions of the bid.
- 2) I/We hereby confirm that all the documents submitted by us in hard as well as soft form (self-documents & third party documents) are genuine, authentic, true & valid.
- 3) I/We am/are obliged to present the original documents/certificates for verification, wherever called for, by any authority of MSETCL.
- 4) Further, all information furnished by us in respect of fulfilling of eligibility criteria & qualification information of this tender is complete, correct & true to the best of our knowledge and belief and nothing has been concealed therein.
- 5) If, any information or document submitted is found to be false/incorrect/misleading/misrepresenting at any time, MSETCL may reject my bid & take action as deemed fit may be taken against us including termination of the contract, forfeiture of all dues including Earnest Money/Security Deposit & debarring/blacklisting of our firm.

Yours faithfully,  
(Authorized Signatory)  
Name, Signature & Seal/Stamp of the bidder  
Place:  
Date:

**SCOPE OF WORK: Work of Annual Maintenance contract for attending emergency works of 132kV & 220kV EHV Transmission lines as & where required under EHV O&M Division, Dhule as per schedule 'A'**

**RFx.No. 7000030397**

Sub	Estimate for the Work of Annual Maintenance contract & attending emergency work of 132kV & 220kV EHV Transmission lines under EHV O&M Division, Dhule.				
Sr. No.	SAP Service No	Particulars of Activity	Unit	Rate ( Rs) quoted by bidder incl all prevailing taxes& charges ,Labour cess & excl. GST only	Amount (Rs)
1	50017781	Mobilization & Demobilization of T & P, Labours to the site location to attend planned work in " <b>Outage</b> " from respective division (Applicable for min. 15 labours and Not applicable for consecutive outages)	Per Occasion		
2	50017780	Mobilization & Demobilization of T & P, Labours to the site location to attend " <b>Breakdown</b> " from respective division ( Applicable for min. 15 labours)	Per Occasion		
3		<b>Replacement of Suspension/ Pilot string Work involved</b> - Hook out suspension clamp from disc insulator string. Hook out suspension string from hanger, take it out on ground, erect new suspension string by hooking it in hanger, re-fix suspension clamp.			
		<b>I) SUSPENSION STRING</b>			
	50015017	<b>a)</b> Replacement of Single Suspension string SSN insulators in Plain, Hilly / Creak Area of <b>Single Circuit , Double Circuit</b> dead line or having one circuit live or other circuit dead.	Per String		
	50018355	<b>b)</b> Replacement of suspension string SSN insulators in Plain, Hilly / Creak Area <b>Multicircuit</b> Line.	Per String		
	50015018	<b>c)</b> Replacement of Double suspension string <b>DSN</b> insulators in Plain, Hilly / Creak Area of <b>SingleCircuit line dead line , Double Circuit</b> , dead line or having one circuit live or other circuit dead.	Per Twin String		
	50018354	<b>d)</b> Replacement Suspension String <b>DSN</b> insulators in Plain, Hilly / Creak Area of <b>Multicircuit</b> Line.	Per Twin String		
		<b>II) PILOT STRING</b>			
	50017335	<b>a)</b> Replacement of Pilot string insulators in Plain, Hilly / Creak Area of Single Circuit , Double Circuit , dead line or having one circuit live or other circuit dead.	Per String		
	50017334	<b>b)</b> Replacement of Pilot string insulators in Plain , Hilly / Creak Area of Multicircuit Line	Per String		
4		<b>Replacement of tension sting insulators DTN/STN</b> Work involved - Taking tension on the coductor on which Tension string is to be replaced, Hooking out tension hardware from tension plate, take down the string on the ground, replace it with new tension string and re-fix the same at tension plate by using come-along clamps and other tensioning equipments and adequate manpower.			

	<b>TENSION STRING</b>			
50016104	<b>a)</b> Replacement of tension string insulators <b>STN</b> in Plain , Hilly / Creak Area of <b>SingleCircuit</b> dead line.	Per String		
50016106	<b>b)</b> Replacement of tension string insulators <b>STN</b> in Plain , Hilly / Creak Area of <b>Double Circuit</b> line having one circuit live & one circuit dead.	Per String		
50016894	<b>c)</b> Replacement of tension string insulators <b>STN</b> in Plain , Hilly / Creak Area of <b>Multicircuit</b> Line.	Per String		
50016108	<b>d)</b> Replacement of tension string insulators <b>DTN</b> in Plain , Hilly / Creak Area of <b>SingleCircuit</b> dead.	Per Twin String		
50016130	<b>e)</b> Replacement of tension string insulators <b>DTN</b> in Plain , Hilly / Creak Area of <b>DoubleCircuit</b> line having one circuit live & one Circuit dead.	Per Twin String		
50016891	<b>f)</b> Replacement of tension string insulators <b>DTN</b> in Plain , Hilly / Creak Area of <b>Multicircuit</b> Line.	Per Twin String		
5	<b>Tower earthing</b> as per MSETCL specification			
50006586	<b>a) Counter poise type earthing</b> Including excavation of pits/trenches, laying of earth wire and fitting plates/ lugs to tower legs including supply of all materials ( Viz. GI wire, lugs, nuts / bolts etc ) and back filling, complete in all respect as per drawing to be furnished by the owner	No.		
50006587	<b>b) Pipetype earthing</b> including excavation of pits/ trenches, laying of pipe & G I strip ,filling chemical / Bentonite, Salt, charcoal surrounding G. I. Pipe, connecting. G GI strip to tower, back filling, Ramming, compacting, etc. complete including supply of complete set of pipe earthing including G. I. strip 50mm. X 6mm X 3.50 Mrs.. length and 25 mm dia. & 4mm thickness for hot dip galvanized pipe 3 mtr. Length & required G.I. nut bolts as per drawing and Coal: 150 Kg & Salt: 15Kg OR Bentonite Powder.	No.		
50016872	<b>c)</b> Fixing of copper spike rod earthing at tower peak with separate earth pit and material.	Per Tower		

6	<p><b>Stub Strengthening Work Involved :</b></p> <p>i) Excavation / breaking of existing foundation around the tower leg. Breaking the cement concrete of chimney upto the affected, corroded portion of stub. Cleaning and surface preparation of tower stubs.</p> <p>ii) Drilling of suitable size G.I. angles for inner side &amp; outer side sections.</p> <p>iii) Painting the Pieces / tower members upto 3 mtr. Section and stub on either side with epoxy polyamino amide base resin.</p> <p>iv) Drilling the angle pieces to the stub. The drill should be peccied &amp; lengthwise at a distance of suitable gap of the stub and the angle piece should be filled with high &amp; low viscous epoxy grout to avoid voids in gaps . On filling the gap the top &amp; bottom sides should be sealed by cold welding.</p> <p>v) Application of one coat of epoxy resin as a primer. Application of EPI resin base coat on the whole surface ( around the stub ) upto length of 1.5 mtr. Wrapping EPI plast stengthening material round the joint. Impregnating EPI wetting resin in joint if any filling by epoxy adhesive.</p> <p>vi) Concreting of in the site 1:2:4 concrete of existing size including raising of chimney height of the stub including muffing etc. in all respect. Application of curing agent after four to five days or sufficient curing period on the concrete surface. Back filling , removal of debris, cleaning the site etc as per directives of work in-charge. All T &amp; P , manpower, material etc. shall be arranged by the contractor. Work is to be guaranteed for the period of 2 years.</p>			
	<b>a)Suspensiontower</b>			
50008665	- Upto 110 KV Tower/ 132KV Tower	Per Leg		
50008663	- Upto 220 KV Tower	Per Leg		
	<b>b)Tensiontower</b>			
50008666	- Upto 110 KV Tower/ 132KV Tower	Per Leg		
50008664	- Upto 220 KV Tower	Per Leg		
7	<p><b>50004600 Chimney height raising</b> Work involved :- Excavation of footing of 1Mtr. x 1Mtr. X 0.3Mtr. around chimney, breaking of existing concrete chimney 0.3 Mtrs From ground with the help of Chisel &amp; hammer, cleaning of leg, Painting with epoxy pant upto 2 Mtrs. Providing &amp; Casting of 1:2:4 grade CC mix of trap metal upto 0.2 Mtr. above ground level for chimne by using steel / plywood form box, concreting , curing etc. completer in all respects.</p>	Per Leg		
8	<b>Replacements of tower cross arms</b>			
	<b>i) For single circuit dead line tower.</b>			
50004433	Suspension / Cut Point Tower	Cross Arm		
	<b>ii) For D/C tower one circuit dead &amp; one circuit live</b>			
50015658	Suspension / Cut Point Tower	Cross Arm		



		<b>iii) For M/C tower all circuits of one side dead &amp; all circuits of other side live</b>			
	50015659	Suspension / Cut Point Tower	Cross Arm		
9	50004592	<b>Painting</b> of Tower / Stubs by applying one coat of Red Oxide and two coats of Aluminum paint including cleaning of rusted portion as per the enclosed specification.(Total RMT of tower/stub/extensions to be calculated by adding length of tower members as per BOM.)	Rmt		
10	50018374	<b>Anticorrosive painting</b> of Tower as per the enclosed specification.(Total RMT of tower/stub/extensions to be calculated by adding length of tower members as per BOM.)	Rmt		
11		Supply of clamps connectors, Hardwares, Tower Accessories etc. as per MSETCL approved drawings			
		<b>a) Double Tension hardware suitable for</b>			
	500000811	i) 0.2 ACSR Panther Conductor.	No.		
	500021074	ii) 0.4 ACSR Deer Conductor .	No.		
	500004383	iii) 0.4 ACSR Zebra Conductor .	No.		
		<b>b) Double Suspension Hardware Suitable for</b>			
	500000807	i) 0.2 ACSR Panther Conductor.	No.		
	500019754	ii) 0.4 ACSR Deer Conductor .	No.		
	500000820	iii) 0.4 ACSR Zebra Conductor .	No.		
12		<b>Patrolling</b>			
		<b>a)Ground Patrolling :-</b> Work involved - Checking of Trees, Bushes, Foundation, Earthing , Missing Member, HT/LT/EHV Line crossing, River crossing, Road crossing, Chimney, Number plate, danger board ect. with plain eyes & insulator flashover, jumpers and its nut bolts,conductor, earth wire, vibration dampers, Spacers, M.S.Joint, Repair Sleeves, Corona Rings etc. with binoculars Checking clearances of Ground, Road , Building. Submission of report			
	50016822	for distance starting from source s/s <b>upto30Km</b>	KM		
	50016821	for distance starting from source s/s <b>above30Km</b>	KM		
13		<b>Fixing / crimping of compression type clamps, connectors, Hardware</b> ( Material supplied by MSETCL), work involved - Taking the compression type clamp / connector on the conductor, fixing it properly at desired place, crimping it with remote operated hydraulic crimping machine of adequate capacity, on the conductor,			
	50016893	<b>a)</b> Replacement Single T connectors suitable for 0.1 to 0.5 ACSR Conductor & 525 Sqmm. Cond.	No.		
	50017333	<b>b)</b> Fixing Repair sleeves for 0.1 to 0.5 ACSR conductor & 525 Sqmm Cond.	No.		
	50006546	<b>c)</b> Fixing Twin "T" connector suitable for 0.1 to 0.5 ACSR & 525 Sqmm Cond.	No.		
	50017332	<b>d)</b> Fixing of Mid span joint suitable for 0.1 to 0.5 ACSR & 525 Sqmm Cond.	No.		
	50002022	<b>e)</b> Replacement/ tightening of Jumper Nut	No.		

	Bolts			
50002955	<b>f)</b> Fixing of Corona Ring ( Suspension/Tension )	No.		
50015865	<b>g)</b> Replacement of jumper Cone/Jumper suitable for 0.1 to 0.5 ACSR Cond. & 525 Sqmm.Cond. Work involved - Removing the Jump. Cone from hardware, replace it with new one if the conductor Jumper length is sufficient, Else crimping of new Jump cones at both ends	No.		
50016840	<b>h)</b> Replacement Single / Double Tension hardware suitable for 0.1 to 0.5 ACSR Conductor & 525 Sqmm. Cond. Work involved - Taking tension on the conductor on which Tension hardware is to be replaced, Hooking out tension hardware from tension plate, take down the string on the ground, replace it with new tension hardware and re-fix the same at tension plate by using come-along clamps and other tensioning equipments and adequate manpower.	No.		
50016839	<b>i)</b> Replacement Single / Double Suspension Hardware suitable for 0.1 to 0.5 ACSR Cond & 525 Sqmm Cond Work involved - Hook out suspension clamp from disc insulator string, Hook out suspension string from the hanger, Fix new suspension hardware and hook it in hanger.	No.		
50012083	<b>j)</b> Replacement of Twin cushion spacer cum damper suitable for 525 Sqmm Conductor	No.		
50010337	<b>k)</b> Replacement of Twin Rigid spacer for jumper suitable for 525 Sqmm conductor	No.		
50012082	<b>l)</b> Replacement of Twin bushing type spacer suitable for 525 Sqmm conductor	No.		
14	<b>Cold line cleanning ( Manually ) of disc insulators</b>			
50016404	<b>a)</b> Suspension string	per String		
50016405	<b>b)</b> Cut point string	per String		
50008811	<b>c)</b> Chemical washing of insulator	per String		
15	<b>50010001 Head loading charges for unapproachable tower locations excluding complete tower material.</b>	Per Tower		
16	<b>Fixing of Tower accessories.</b>			
50004916	a) Fixing of Number Plate	No.		
50004917	b) Fixing of Danger Board	No.		
50004028	c) Fixing of Vibration Damper suitable for 0.1 to 0.5 ACSR conductor & 525 Sqmm cond.	No.		
50010681	d) Fixing of Vibration Damper suitable for 7/3.15 mm Earth wire	No.		
50016411	e) Fixing of step bolt	No.		
50010316	f) Fixing of conical type bird guard	No.		
50010321	g) Fixing of anti climbing device i.e. Barbed wire (along with angles, nut bolts, drilling of holes if necessary etc.)	No.		
	h) Fixing of anti theft nut bolt			
50010730	a) 16 mm Dia X 40 mm length	No.		
50010730	b) 16 mm Dia X 50 mm length	No.		

	50010730	c) 16 mm Dia X 60 mm length	No.		
	50010730	d) 16 mm Dia X 70 mm length	No.		
	50004918	i) Fixing of phase plate	No.		
	50003751	j) Fixing of PA rods suitable for 0.1 to 0.5 ACSR conductor & 525 Sqmm Conductor.	No.		
17	50007830	<b>Replacement of rusted /damaged / missing members including drilling, cutting, fabrication, transportation etc.</b>	Per No.		
18	50002552	<b>Electric tack welding</b> ( half round welding ) to G.I. nut bolts of Tower from thread ends ( Two spots to be welded to each nut bolt near thread end ) and Painting the welded portion with two coats of Zink rich paint.	Per Bolt		
19		<b>Dismantling / Destrining of the conductor</b> with complete, dismantled material transported to site store as directed ( with to be deleted )			
	50017344	a) Single Circuit Dead Line Or having other circuit live.	RMT/phase		
	50017343	b) Single Circuit of M/C Tower, having other Circuit Live	RMT/phase		
20		<b>Restinging of the conductor</b> with complete, dismantled material transported to site store as directed ( Dismantled to be deleted.)			
	50016514	a) Single Circuit Dead Line Or having other circuit live.	RMT/phase		
	50016399	b) Single Circuit of M/C Tower, having other Circuit Live	RMT/phase		
21		<b>Replacement of rusted / Damaged 'd' shackle / ball socket / hooks etc.</b> ( cost of replacement of insulator is assumed to be covered )			
	50012684	a) Suspension string, pilot string for Jumper, Tension String	No.		
22	50004432	<b>Tightening of Jumper Nut Bolts</b> at angle tower at both side jump i.e. 6 Nos. for one circuit of D/C or M/C Tower including replacement wherever necessary.	Per Circuit Per Tower		
23		<b>Dismantling / Destrining of the Earth wire</b> with complete, dismantled material transported to site store as directed.			
	50017346	a) Single Circuit & Double Circuit dead line.	RMT/phase		
	50017345	b) Double Circuit line & Multy Circuit line.	RMT/phase		
24		<b>Restringing of the Earth wire</b> with complete, dismantled material transported to site store as directed			
	50017098	a) Single circuit, Double Circuit dead line	RMT/phase		
	50017099	b) Double Circuit line & Multy Circuit line.	RMT/phase		
25	50016499	<b>Measurement of tower footing resistance.</b>	Per Tower		
26		<b>Treecutting / trimming</b> , cutting of all trees, bushes, shrubs etc. within the corridor 35 mtr. Of 220 KV & 25 mtr. Of 110 KV Removed trees, branches, bushes should be removed and dumped away as directed.			
	50009992	a) Normal area	Per Span		
	50009991	b) Hilly area / Dense Forest /Creak	Per Span		
27		<b>Supply of clamps, connectors, Hardware, Tower Accessories etc. as per MSETCL approved drawings</b>			

	<b>a) Single T Connectors suitable for( with nut bolts )</b>			
500002895	i) 0.2 ACSR Panther Conductor	No.		
500012292	ii) 0.4 ACSR Deer Conductor	No.		
500009546	iii) 0.4 ACSR Zebra Conductor	No.		
	<b>b) Repair sleeves suitable for</b>			
500000814	i) 0.2 ACSR Panther Conductor	No.		
500004439	ii) 0.4 ACSR Deer Conductor .	No.		
500000822	iii) 0.4 ACSR Zebra Conductor	No.		
	<b>c) Twin 'T' connector ( with nut bolts ) suitable for</b>			
500013776	i) 0.2 ACSR Panther Conductor	No.		
500022010	ii) 0.4 ACSR Deer Conductor	No.		
500006196	iii) 0.4 ACSR Zebra Conductor	No.		
	<b>d) Mid span joint suitable for</b>			
500000813	i) 0.2 ACSR Panther Conductor	No.		
500003937	ii) 0.4 ACSR Deer Conductor .	No.		
500000821	iii) 0.4 ACSR Zebra Conductor	No.		
	<b>e) Jumper Cone suitable for</b>			
500008943	i) 0.2 ACSR Panther Conductor	No.		
500006231	ii) 0.4 ACSR Deer Conductor .	No.		
500004603	iii) 0.4 ACSR Zebra Conductor	No.		
500023994	<b>f) S.S. Nut bolts</b>	No.		
500000039	<b>g) G.I. Nut bolts</b>	No.		
	<b>h) Single Tension hardware suitable for</b>			
500000809	i) 0.2 ACSR Panther Conductor	No.		
500004437	ii) 0.4 ACSR Deer Conductor .	No.		
500021440	iii) 0.4 ACSR Zebra Conductor	No.		
	<b>i) Single Suspension Hardware suitable for</b>			
500000805	i) 0.2 ACSR Panther Conductor	No.		
500003945	ii) 0.4 ACSR Deer Conductor .	No.		
500020275	iii) 0.4 ACSR Zebra Conductor	No.		
500018420	<b>j) Twin cushion spacer cum damper suitable for 525Sqmm Conductor</b>	No.		
500000845	<b>k) Providing of Twin Rigid spacer for jumper suitable for 525 Sqmm Conductor</b>	No.		
500010274	<b>l) Twin bushing type spacer suitable for 525 Sqmm Conductor</b>	No.		
500003467	<b>m) Anti climbing device i.e. barbed wire ( Including angles, nut bolts etc.)</b>	set		
	<b>n) PA rods suitable for</b>			
500002879	i) 0.2 ACSR Panther Conductor	No.		
500015996	ii) 0.4 ACSR Deer Conductor .	No.		
500002880	iii) 0.4 ACSR Zebra Conductor	No.		
500016230	<b>o) Tension hardware suitable for suitable earth wire</b>	No.		
500007148	<b>p) Suspension hardware suitable for suitable earth wire</b>	No.		
500000793	<b>q) Mid span joints suitable for suitable earth wire</b>	No.		
500003465	<b>r) Number Plate</b>	No.		

	500004550	<b>s) Danger Board</b>	No.		
		<b>t) Vibration Damper suitable for</b>			
	500002903	i) 0.2 ACSR Panther Conductor	No.		
	500019753	ii) 0.4 ACSR Deer Conductor .	No.		
	500002904	iii) 0.4 ACSR Zebra Conductor	No.		
	500001108	<b>u) Vibration Damper for suitable Earth wire</b>	No.		
	500020743	<b>v) Anti theft nut bolts</b>	No.		
	500015226	<b>w) Conical type bird guard</b>	No.		
28	50016841	<b>Revetment</b> with RCC and not in URC Masonry, Required at the location identified in ground patrolling as per drawing provided by MSETCL & as per the specifications of project <b>schedule rates.</b>	Cu. Mtr.		
			Add CGST @ 9%		
			Add SGST @ 9%		

**Sub.:-** Estimate for the Work of Annual Maintenance contract & Attending Emergency work of 132kV & 220kV EHV Transmission lines under EHV O&M Division, Dhule.

SN	SAP No.	Particulars of Activity	Unit	Qty	Rate ( Rs) quoted by bidder incl all prevailing taxes& charges ,Labour cess & excl. GST only
<b>A.</b>	<b>Supply of Hardware suitable for High Performance Conductor</b>				
i.	500024178	SSN H/w - 316.5mm <sup>2</sup> CCC HTLS Cond.	EA		
ii.	500024185	DSN H/w - 316.5mm <sup>2</sup> CCC HTLS	EA		
iii.	500024177	STN H/w - 316.5mm <sup>2</sup> CCC HTLS Cond.	EA		
iv.	500024179	DTN H/w - 316.5mm <sup>2</sup> CCC HTLS	EA		
v.	500021411	SSN H/w - 316.5mm <sup>2</sup> CCC HTLS Cond. For pilot	EA		
<b>B.</b>	<b>Accessories suitable for High Performance Conductor</b>				
i.	500000813	Mid Span Joints - 316.5mm <sup>2</sup> CCC HTLS	EA		
ii.	500024182	Repair Sleeves - 316.5mm <sup>2</sup> CCC HTLS	EA		
iii.	500024183	P.A. Rod - 316.5mm <sup>2</sup> CCC HTLS	EA		
iv.	500021340	P.A. Rod - 316.5mm <sup>2</sup> CCC HTLS for VD	EA		
v.	500024181	Vibration Damper - 316.5mm <sup>2</sup> CCC HTLS	EA		
<b>C.</b>	<b>Clamps &amp; Connectors suitable for High Performance Conductor</b>				
i.	500024187	T Clamp - 316.5mm <sup>2</sup> CCC HTLS Cond.	EA		
ii.	500024186	Terminal Pad Assy - 316.5mm <sup>2</sup> CCC HTLS	EA		
		<b>Supply of HPC Conductor</b>			
	500024176	316.5mm <sup>2</sup> CCC HTLS Conductor	kM		
<b>D.</b>	<b>Labour Portion</b>				

i	50021832	Stringing of High Performance Conductor on S/C, D/C, M/C,H/Z towers including transportation of conductor and required material from site store to site locations, laying, paving, jointing, rough sagging, final sagging, clipping, fixing of accessories, hoisting of insulators, jumpering etc. on tower complete in all respect including tree cutting if required as per the direction of Engineer incharge.(which includes the works involved in the crossing of LT,HT,.viz dismantling and restringing of conductors)	kM	
			Add CGST @ 9%	
			Add SGST @ 9%	
		Estimated cost limited to Rs.	25.00 Lakhs	

Note:- The unit of above mentioned items may vary as per system while uploading the bid. The unit of items in system & as per schedule A of this tender are the same for this tender. In case of variation in units, the unit of legacy system should be considered as final.

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

Seal & Signature of the bidder  
Address