



MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO.
LTD. (CIN: U 40109 MH2005 SGC 153646)

OFFICE OF THE EXECUTIVE ENGINEER
400KV R.S DIVISION LAMBOTI.

Office of the Executive Engineer, 400 kV Receiving Station, Dn. Solapur.
Post; Lamboti, Tal:- Mohol, Dist:- Solapur
Email Id: ee6220@mahatransco.in

Enquiry No.

EE/400kV/R.S/DN/LBT/T/No. 58 Dtd. 17.02.2025

E-Enquiry :- Work of double jumpering work (Bypass Jump) by providing and fixing of boltless C Type wedge connector to the 400kV Parli – Karjat Ckt-I & CKT- II line.

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400KV R.S DIVISION LAMBOTI.

Sr. No.	Enquiry Number No.	EE/400kV/R.S/DN/LBT/T/No. 58 Dtd. 17.02.2025	
1	Name of Work	E-Enquiry for Work of double jumpering work (Bypass Jump) by providing and fixing of boltless C Type wedge connector to the 400kV Parli – Karjat Ckt-I & CKT- II line.	
2	Estimated Cost	Rs. 9,96,372/- Inclusive of all applicable Taxes	
3	Download of Tender Document Date	From:	17.02.2025
		To:	27.02.2025 up to 18:00 Hrs.
4	Closing Date	27.02.2025 (18:00 Hrs.)	
5	Opening of Technical Bid	28.02.2025 (11:00 Hrs.) (If possible)	
6	Opening of Commercial Bid	01.03.2025 (11:00 Hrs.) (If possible)	
7	EMD	Rs.	
8	Tender Fee (Non-Refundable)	Rs. 100 + GST Extra (Non Refundable)	



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THIS BID CONTAINS

- A] Tender Notice.
 - B] Tender Document:
 - 1. Part I: Scope of Work, Qualifying Requirements and Terms & Conditions.
 - 2. Part II: Instructions to Bidders.
 - 3. Part III: General Terms & Conditions of the Contract.
 - C] Detail Estimate Schedule A
 - D] Annexure I: Consent for Tender conditions
 - E] Annexure-IV: Proforma of Undertaking
 - F] Annexure G: Declaration for not Debarred/blacklisted
 - G] Format for Agreement
 - H] Circular No. 654 dtd. 16.12.2020 regarding “Registration of bidders from a country sharing a land border with India”
 - I] MSETCL Circular No. 1746 Dt. 14/03/2023 regarding Manufacturers Authorization Form
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E-Enquiry NOTICE

Emblem

MSETCL invites online bids (E-Enquiry) from registered contractor's agencies on Mahatransco E-Enquiry website <https://srmetender.mahatransco.in> for following works,

Sr. No.	Enquiry No. & Description of Work	Due date & Time (Hrs.) for submission & opening of Tender				
1	Enquiry No.: EE/400kV/R. S/DN/LBT/T/No. 58 Dtd. 17.02.2025					
	Work of double jumpering work (Bypass Jump) by providing and fixing of boltless C Type wedge connector to the 400kV Parli – Karjat Ckt-I & CKT- II line	Download of Tender Documents Date				
		From:	17.02.2025			
To:	27.02.2025 up to 18:00 Hrs.					
	Estimated Cost (Rs.)	EMD (Rs.)	Enquiry Fee (Rs.)	Closing Date	Technical opening Date	Commercial opening Date
	Rs. 9,96,372/- Inclusive of all Taxes	Rs.	Rs.100 + GST Extra (Non-Refundable)	27.02.2025 18:00 Hrs.	28.02.2025 11:00 Hrs. (If Possible)	01.03.2025 11:00 Hrs. (If Possible)

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

Contact Person: The Executive Engineer (O) 8554995020 For further details visit our website <https://mahatransco.in/>

1. Relevant portions of the Enquiry which the tenderer have to fill online would be available on aforesaid website.
2. Enquiry documents can be downloaded online from aforesaid website.
3. Eligible contractor agencies should submit their bid well in advance instead of waiting till last date. MSETCL will not be responsible for non-submission of Bid due to any website related problems.
4. The enquiry Fee should be paid by the bidder online only.
5. Enquiry fee should be paid on or before due date of submission enquiry & the scan copy of transaction ID received after online payment should be submitted along with technical bid. In case of non-submission of Tender fee, the bidder will be disqualified.

Sd/-
Deputy Manager (F&A)
400kV R.S Division Lamboti .

Sd/-
(Vijay Katrale)
Executive Engineer
400kV R.S Division Lamboti


MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO.
LTD. (CIN: U40109MH2005SGC153646)
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Part-I

Scope of Work, Qualifying Requirements and Terms & Conditions

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1. Name of work: E-Enquiry for Work of double jumpering work (Bypass Jump) by providing and fixing of boltless C Type wedge connector to the 400kV Parli – Karjat Ckt-I & CKT- II line.
 2. Scope of Work:
 - a. Supply of boltless C type WEDGE connector suitable for 0.5 ACSR Moose Conductor as per specifications as per Annexure-A, Schedule-A & B.
 - b. Fixing of boltless C type WEDGE connector suitable for 0.5 ACSR Moose Conductor as per specifications as per Schedule-A & B.
 3. Eligibility (Technical Bid): Technical Qualifying Requirements–

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

Sr. No.	Name of document
A	STATUTORY QUALIFYING REQUIREMENTS
1	The bidder or his Joint Venture partner should have a valid Electrical Contractor's License issued by the Government of Maharashtra for work of erection/commissioning of EHV equipment.
2	The bidder should be registered under GST Act.
3	GST Returns: The Bidder shall submit the copy of GST returns for the last financial year (as per point no. 11) (F.Y. 2023-24) from the last day of month previous to the one in which Tenders are invited (i.e. GSTR-3B or GSTR-9).
4	The bidder shall submit the copy of PAN card along with bid.
5	The bidder should be registered under P. F. Act.
6	The bidder should be registered under Workman Compensation Policy / ESIC registration certificate
7	The bidder registered under S.S.I / N.S.I.C/ MSME certificate for the SRM portal shall also pay the EMD in the following cases, <ol style="list-style-type: none">i) If S.S.I / N.S.I.C./ MSME certificate do not indicate Material / Service required against this Tender.ii) If Turnover or Manufacturing capacity exceeds the limit indicated in S.S.I / N.S.I.C./MSME certificate specified by the concerned authority to avail the benefit of
	<i>Note: The original-coloured 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</i>

B	TECHNICAL CRITERIA
1	<p>The bidder must have similar experience of successfully work completion in power sector of state Government OR. central Government within last 7 Years</p> <p>1) The bidder shall have executed the works in last 07 years as mentioned below,</p> <p>a. One similar completed work order costing not less than the amount equal to 60% of the estimated cost.</p> <p style="text-align: center;">OR</p> <p>b. Two similar completed work orders costing not less than the amount equal to 40% of the estimated cost.</p> <p style="text-align: center;">OR</p> <p>c. Four similar completed work orders costing not less than the amount equal to 20% of the estimated cost.</p> <p>The similar experience means work of providing & fixing of boltless C type wedge connector OR P&F of Bird Guards OR Bird Flight Diverters / Vibration Dampers OR Anti-Climbing devises or tower accessories.</p> <p>d. For all above, the satisfactory work completion certificate along with work order copy is mandatory from the authority not below the rank of Executive Engineer.</p>
2	List of key technical personnel with Qualification and List of equipment, T & P and material.
C	FINANCIAL CRITERIA
1	<p>EMD: EMD in lieu of bid security deposit @1% of estimated cost will have to be paid by the bidder through online mode only. OR he bidder will have to furnish the Bank Guarantee of any nationalized/scheduled bank in prescribed format equivalent to 1% of the estimated cost in lieu of bid security deposit payable at the time of submission of bid documents with validity of 8 months from the date of opening of techno-commercial bids.</p>
2	<p>Turn Over:</p> <p>The Bidder should have the Minimum Annual Average Turnover (MAAT) of at least 40% of tender estimated cost in the last three years i.e. 36 months (i.e. FY 2021-22, 2022-23 & 2023-24). In case of JV, the members of JV shall individually meet the financial criteria as follows:</p> <p>In case of JV, Lead member shall meet not less than 60% and the other member not less than 40% of the Minimum Annual Average Turnover. Audited balance sheets for the specified last three years duly certified by Chartered Accountant with seal and UDIN only to be submitted</p>
3	<p>Net Worth:</p> <p>The Bidder should have a Net worth (which is defined as "Equity share capital + Reserves- Revaluation reserves — Intangible assets — Miscellaneous expenditure to the extent not written off and carry forward losses") of last financial year (as per point no. 11) (i.e. F.Y.2023-24), from the last day of month previous to the one in which Tenders are invited, not less than 25% (Twenty Five Percent) value of tender estimated cost. The bidder should submit the statement of Net-Worth duly certified by Chartered Accountant with seal and UDIN</p>
4	<p>The Bidder shall submit undertaking along with bid that he will submit dedicated revolving line of credit for an amount not less than 25% of the estimated cost of the works from their Bankers before issuance of LOA, in case the bidder is qualified as L1 bidder. <u>This clause is applicable for tenders with estimated cost more than Rs.100 Crores.</u></p>

5	A declaration to the effect that the Bidder does not anticipate change in his ownership during the proposed period of the work till successful completion of warranty period (If such a change is anticipated, the scope and effect thereof, shall be defined) shall be submitted with the offer.
6	In case bidder is a holding company, MAAT and the Net worth referred to in clause C.2 and C.3 above shall be that of holding company only (i.e. excluding its subsidiary/group companies).
7	In case bidder is a subsidiary of a holding company, MAAT and Net Worth referred to in clause C.2 and C.3 above shall be that of subsidiary company only (i.e. excluding its holding company).
8	The Bidder should have to submit the audited financial statements i.e. Profit & Loss Account & Balance sheets for last three financial years (as per point no. 11) (i.e. FY 2021-22, 2022-23 & 2023-24), duly certified by Chartered Accountant with seal and UDIN.
9	Income Tax Returns: The Bidder shall submit the copy of Income Tax returns for the last three financial year (as per point no. 11) (i.e. FY 2021-22, 2022-23 & 2023-24), from the last day of month previous to the one in which Tenders are invited.
10	All CA certified certificates should have UDIN as per ICAI guidelines. Documents without UDIN are liable for rejection.
11	If bids are called between 1st April & 30th September of the year, then latest audited financial year shall be a year before previous year for financial criteria. For the bids called after 1st October then the latest audited financial year shall be the previous financial year of current financial year. 3) In case of a fractional number, rounding off to be done to the nearest unit i.e. in case of fraction between 0 to 0.49 it should be rounded off to 0 & in case of fraction between 0.5 to 0.99 it should be rounded off to 1.
D	The Valid proof of Tender /Enquiry Fee paid.
E	Notwithstanding anything stated above, the owner reserves the right to assess the bidder's capability and capacity to perform the work, should the circumstances warrant such an assessment in the overall interest of the owner and may reject the offer without assigning any reason.
F	The Performance Bank Guarantee for the proper fulfilment of the contract shall be furnished by the Contractor in the prescribed form within stipulated time period of Notice of Award of Contract/Letter of Award. The performance Guarantee shall be as per standard proforma. This guarantee shall be for an amount equal to 10% (ten percent) of the contract price.
G	In case of JV, the Lead bidder will have to submit PBG of 06% (Six percent) of the Contract Price and the JV partner will have to submit PBG of 04% (Four percent) of the Contract Price within stipulated time period.
H	In case of Consortium
1	<p>1) The principal (lead) bidder who desire to bid against this specification may submit the offer jointly with erection contractor /equipment manufacturer by entering into a legally valid agreement subject to fulfillment of following requirements.</p> <p>2)The bid, and in case of a successful bid, the Contract Agreement shall be signed so as to be legally binding on both partners.</p> <p>3) Both partners of the consortium shall be jointly and severally liable for execution of the contract in accordance with the Contract terms.</p> <p>4) One consortium partner should individually satisfy 100% technical qualifying criteria as mentioned in the qualifying requirements.</p> <p>5) The number of partners in a consortium should not be more than two, including the lead partner.</p> <p>6) The lead partner shall be authorized to be in charge and this authorization shall be evidenced by</p>

	<p>submitting a duly registered/ notarized power of attorney signed jointly by legally authorized signatories of both partners, on a non-judicial stamp paper issued by Government of Maharashtra.</p> <p>7) A copy of agreement entered into by the consortium partners as specified in enclosed format shall be submitted with the bid.</p> <p>8) The bid document should have been purchased and submitted by the Lead Partner only.</p>
I	GENERAL CRITERIA
1	Bidders have to submit an undertaking in the attached Proforma ANNEXURE-6 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.
2	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 therefrom.
3	Original Colour scan copy of duly filled schedules Annexure-I, Annexure-IV

The document should be submitted as mentioned above only, in PDF format only. The document not related above should not be submitted. The original hard copies should be submitted whenever required.

4. Validity of Offer: The offer shall be kept open for our acceptance up to 180 days from the date of commercial opening of the tender.
5. Validity of Work Order: The validity of contract will be 12 months from the date of issue of work order.
6. Work Completion Period: The work shall be completed within 12 months from the date of issue of work order.
8. Payment Terms: The RA bills can be submitted by the contractor for passing, auditing and for payment after completion of each work. The contractor will have to submit bill to Additional Executive Engineer (Line Maintenance Sub-Division)
9. GST Payment: 100% GST payment will be made against tax invoice submission for supply, erection portion.
10. Guarantee: 12 Months from the date of completion of work. If any mishap/damage occurs in guarantee period the same will have to be made good by contractor at his own cost. Guarantee Certificate should be enclosed with the bill.
11. Joint venture/Partnership deed: Joint venture or partnership deed is allowed for this tender.
12. Submission of Tax invoice (bills):
 - a. E-Invoice or Tax Invoice as per prevailing rules of GST in 3 copies, advance stamped receipt along with the certificate operating from Additional Executive Engineer (Line Maintenance Sub-Division.) having completed the work satisfactorily must be submitted to the Executive Engineer (400kV R.S Division Lamboti.). The PAN No. & GST No. should be mentioned on bill.

- b. Payment will be made within reasonable time by EE/400kV R.S Division Lamboti., after receipt of duly certified and recorded bill by concern Sub-Station In-Charge and after taking necessary entries in ERP-SAP system.
 - c. 100% payment will be made against duly certified, recorded & audited bills after successful completion of work.
 - d. Necessary documents such Delivery challan/gate pass, test reports etc. in original/certified & guarantee certificate must be enclosed with the bill.
 - e. In case of MSME vendors “The company MSETCL will try to arrange for funds for bill payment well within stipulated 45 days. But in case for whatsoever the reason, funds arrangement & disbursement thereof gets delayed, MSETCL neither accepts any communication in whatever kind from bidder for delayed in payments.
13. Supply of Material: Required material shall be supply immediately at site as per work call from concern Engineer In-Charge. The contractor shall take prompt action in planning the work in consultation with the concerned Engineer In-Charge. He should also take steps for timely procurement of the necessary material as per LOI/Work Order and tools and plant.
 14. Execution of the work: The contractor 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 contractor 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 contractor 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.

15. Supervision of the work: The works shall be under overall supervision of Additional Executive Engineer (LMSD.) or his representative. The work should be executed as per instructions from the operating officer who will supervise the work. The work carried out without supervision will not be recorded and payment will not be released for such works which may please be noted.
16. Precaution: - All lines are in charged condition. All safety precautions shall be at own cost & risk of contractor.
17. Operating Authority: This contract will be operated by Additional Executive Engineer (Line Maintenance Sub-Division.)
18. Time is the essence of the Contract: The time stipulated in the Contract for the completion of works shall be deemed to be the essence of the Contract. The Contractor shall so organize his resources and perform his work as to complete it not later than the date agreed to.
19. Penalty/LD: Please refer tender document part-III Sr. No. 26

20. Risk & Cost: In case contractor fails to complete the work entrusted to you partly or fully, the undersigned reserves the right to get the balance work carried out through other agency and difference in cost will be recovered from your bill and S.D. If the balance remained to be recovered the same shall be recovered from your any balance payment in all over MSETCL.
21. Hindrance of work: If the work has to be suspended due to any reason, shut down etc. The MSETCL shall not pay any compensation / Damage to the contractor towards item like labor, idle machinery, vehicles etc. However, in such case the contractor will be paid for the actual work executed by him under the supervision & measured by concerned Executive Engineer. A separate register shall be maintained jointly by the site in-charge and the agency.
22. Price Variation: Price variation clause is not applicable for this tender.
23. Contractor's employees: The contractors shall employ and provide onsite only such employees who are skilled and experienced for execution and supervision of works. The contractor shall provide housing accommodation to his employees. He shall also be responsible for any injury / accident to his employees, payment of compensations etc. as may be required to be paid eventually, shall be borne by the contractor himself. The contractor should ensure that his staff uses the requisite safety equipment. The employees should be duly insured against any such eventuality.
24. Damages to Persons and Property: The contractor shall indemnify MSETCL against any losses and claims regarding any injuries of damage to any persons, material or physical damage to any property whatsoever which may arise out of, or in consequence of the execution of the work. During execution of work any damage/loss to Transmission Company's property occurs will be recovered from your bill.
25. Site Clearance: The contractor 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.
26. Sub-letting of Contract: The contract, or any thereof shall not be assigned, transferred, or sub-let without the prior written permission of the undersigned. Even if such permission is granted, it shall be the responsibility of the principal contractor to whom the work order was originally issued, to execute the works as per the terms of the contract.
27. Force Majeure: Please see tender document Part-III Sr. No. 24.
28. Income Tax, GST, TDS and Labour Cess: Income Tax, GST, TDS and Labour cess as applicable will be deducted from the bills as per rules & regulations. All applicable taxes & levies are deducted (if applicable) at the time of payment.
29. Workmen's Compensation Insurance: Please see tender document Part-III Sr. No. 58.
30. Compensation under workmen's compensation Act – 1923 (VII of 1923): The contractor shall be responsible for and shall pay compensation to his workman / employee as per Act for injuries that may be inflicting on the workmen. In case if such compensation is paid by the Transmission Company, as per Principals under subsection (I) of Section 12 of said Act, on behalf of the Contractor the amount of such compensation paid shall be recovered in the manner laid in clauses 4 of the relevant section of the Act.
31. Details Confidential: Please see tender document Part-III Sr. No. 64.
32. Disputes: Please see tender document Part-III Sr. No. 35.

33. Termination of Contract: Please see tender document Part-III Sr. No. 37.
34. Applicability of General Conditions of Contract: Notwithstanding anything stated herein, the MSETCL's General Terms and Conditions of Contract shall be applicable to the contract, as far as they are applicable to this contract also.
35. Jurisdiction: All disputes, differences related to the tender / contract shall be subject to the exclusive jurisdiction of Solapur District Court.

Seal & Signature of Tenderer

Sd/-
Executive Engineer
400kV R.S Division Lamboti .

MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO.
LTD. (CIN: U40109MH2005SGC153646)
400KV R.S DIVISION LAMBOTI.

Part-II
Instructions to the Bidders

1. Signing of Bid:

The bid documents shall be signed and submitted by

- i. In case of Proprietary Firm - Proprietor / Power of Attorney Holder
- ii. In case of Partnership Firm - Authorized Partner (Authority Letter by all partners to be enclosed)
- iii. In case of Public / Pvt. Ltd. Firm - Authorized Director (Copy of resolution of Board of Director to be enclosed)

2. Submission of Bid:

- i. The bidder is expected to visit the site and get familiarized with the site and collect the required information before submitting the offer. All personnel / labor, required material and T&P are to be arranged by the bidder.
- ii. The bid shall be submitted through quotation in response to E-Enquiry published on website only.
- iii. The document should be submitted as mentioned above only, in hard copy only.
- iv. When required you will have to submit original copies of above documents for verification.
- v. The e-enquiry on official website will be considered. If any bidder submits technical bid envelope & commercial bid envelope enclose both envelop in single pocket.

3. Response to Price Bid:

- i. The type of bid for this tender is "Percentage type of Bid".
- ii. The type of bid for this tender is "Percentage type of Bid".
- iii. The bidder can check the item wise rates in the "Schedule-A" or under Item Tab in the RFx.
- iv. The rates quoted shall include required material, T&P, and personnel for executing the works.

4. Disqualification:

- i. Disclosing untrue and / or false information, or withholding information or part of information.
- ii. Record of poor performance such as unsatisfactory work of abandoning the work etc.
- iii. Insufficient experience, or employing insufficient number of employees, or not employing qualified employees.
- iv. Submission of only hard copy of the bid.
- v. Not fulfilling the Technical Qualifying Requirement.
- vi. Non – payment of Enquiry Fee.

5. Evaluation Bid: The bids will be evaluated on the basis of total price (supply & erection) including all the taxes, duties and levies as quoted for the tender.
 6. Awarding of Contract: The MSETCL does not bind itself to award the contract to the lowest bidder. The bidder should not quote conditional rates related to quantity of work. The MSETCL reserves the right to award the contract to more than one bidder by splitting the tendered quantity. In case L2 agrees & gives consent for readiness to work at rates quoted by L1 then such consent may be considered for bifurcation of work order in view of redundancy.
 7. Signing of Contract: Within 15 days from the date of the date of issue of LOI, the contractor shall enter into an agreement on bond as Govt. rule (Stamp Duty Rate changes in Maharashtra from 14.10.2024 (Maharashtra Stamp (Amendment) Ordinance, 2024) (as per LOI/work order amount) with MSETCL, in the prescribed proforma. Until the agreement is executed the Company will not be liable to pay nor shall the contractor be entitled to claim amount due or payable under the contract. The necessary stamp duty for the agreement shall be borne by the contractor.
 8. Security Deposit:
 - a. The successful bidder has to pay the Security Deposit as per tender document Part-III Sr. No. 6.9 within 15 days from the date of issue of the LOI in this office in Cash/ by D.D./B.G./ fixed deposit in Nationalized or Scheduled Bank after acceptance of this order. If contractor fails to do so, the SD will be recovered from his first bill with interest as per prevailing BPLR. Also, contractor will have to apply for refund of SD within 6 months after completion of guarantee period. If contractor fails to apply within stipulated period, the action as per CO's rules will be taken & same will be refunded after expiry of guarantee period & no interest will be paid on this deposit.
The work order will be issued to vendor only after submission security deposit & accordingly the site will be handed over to agency.
 - b. Whenever any claim for payment of a sum of money arises out of or under the contract against the contractor, the Company shall be entitled to recover such sum by appropriating in full or in part the Security Deposit, if any, deposited by the Contractor or for the purpose aforesaid shall be entitled to sell and/or realize securities forming whole or part of any such Security Deposit or by appropriating any sum then due (due to the contractor under this contract or any other contract with the Company). If such sum is found to be insufficient to cover the full amount recoverable, the contractor shall, on demand, pay to the Company the balance remaining claim without any reason.
 - c. In the event of any breach of any of the terms and conditions of the contract, the Company shall have (without prejudice to the other rights and remedies) the right to terminate the contract forthwith, and recover through appropriate the entire or part of the amount of security deposit towards the satisfaction of any claim for damages, losses, expenditure of costs that might have been suffered or incurred by the Company due to the contractor's negligence or unsatisfactory performance under the contract.
 - d. Such damages, losses, expenses etc., as referred to above shall be assessed by the Concerned Executive Engineer, whose decision shall be final and ex-party and binding on the contractor
 - e. The security deposit shall be returned on satisfactory performance of the work and all obligations by the contractor under the contract terms and on submission of a 'No Demand Certificate' by the contractor and on completion of the contract. The Company shall not be liable for payment of any interest on the security deposit if paid in cash.
 - f. The Bank guarantee/FDR furnished, if any, towards Security Deposit shall be kept valid for a period of 02 years (1 year work completion period & 1 year guarantee period) or till all the obligations on the part of the contractor are fulfilled as above.
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9. Prohibiting participation of Bidders Debarred/Black listed by Government/Semi- Government/Other Power Utilities: Bidders have to submit an undertaking in the attached Proforma ANNEXURE-G 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 Government/Semi-Government/Other Power Utilities, anywhere, then 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 Government/Semi-Government/Other Power Utilities, anywhere, then Order of such Bidder shall be liable for termination an any stage of Order execution process and the concern Bidder shall be solely responsible for the consequences arising there from.

10. Bidding for bidder who shares a land border with India: Regarding registration of bidders from a country sharing a land border with India in order to eligible to bid as per order (Public Procurement No. 1) dtd. 23.07.2010 from Ministry of Finance, GOI is applicable for this tender. Details are enclosed under Circular No. 654 dtd. 16.12.2020.

Seal & Signature of Tenderer

Sd/-
Executive Engineer
400kV R.S Division Lamboti.



“Schedule A”

Sr. No.	Particulars	Unit	Qty	Total Unit Rate (Incl of all Taxes)	Total Amount
A					
1	Providing & fixing of 0.5 ACSR 0.5 C-type Wedge Connector Specifications as per Annexure-A	EA	156	5,428/-	8,46,768/-
2	Mobilization & Demobilization of T&P, Labours to the site, location to attend planned work in “outage” (application for minimum 20 labours)	EA	03	49,868/-	1,49,604

Total estimated cost is Rs. Nine Lakh Ninety Six Thousand Three Hundred Seventy Two Only inclusive of GST & all applicable taxes.

*Quantity may vary as per actual requirement & location wise.

* Payment will be effected as per actual measurement basis.

Seal & Signature of Tenderer

Sd/-
Deputy Manager (F&A)
400kV R.S Division Lamboti.

Sd/-
Executive Engineer
400kV R.S Division Lamboti.

“Schedule B”

Sr. No	Name of Line	Line Length in CKm	Total No. of Towers	No. of Suspension Towers	No. of Tension Towers
1	400kV Parli- Karjat – Ckt- I	49Km S/C	127	114	13
2	400kV Parli- Karjat – Ckt- II	50 Km S/C	129	116	13

Note: 1. Conductor will provided by MSETCL as available in Store.

2. Quantity may be vary as per actual requirement and location wise

Sd/-	Sd/-
Deputy Manager (F&A)	Executive Engineer
400kV R.S Division Lamboti .	400kV R.S Division Lamboti .
Seal & Signature of Tenderer	



ANNEXURE-A

* The manufacturer shall be approved MSETCL vendor/manufacturer.

- (1) Wedge Connectors must have a boltless design as well and there should not be any Nut, Bolt, and Clamping, Tightening, or Compression activity requirements during installation.
 - (2) Wedge shall be inserted in tapered C member with suitable modality, such that no damage to the connector or the conductor shall occur during installation.
 - (3) Wedge connector members - tapered 'C' shaped spring member and wedge should be made from a special aluminum alloy of high ductility and electrical conductivity. When installed, it will provide a tenable electrical and mechanical connection for solid or stranded conductor combinations including ACSR / AL59 conductor.
 - (4) The dimensions for the wedge shall be manufactured to close tolerances to ensure repeatability and reliability of the connection.
 - (5) All sharp edges and burrs shall be removed.
 - (6) The wedges shall be burnished to achieve optimum surface roughness for electrical contact.
 - (7) The wedge terminal shall have backup conductor cleaning capability during application. The Wedge Terminals should ensure stable & and low contact resistance under varying load conditions & and the thermal cycling effects.
 - (8) An oxide inhibiting compound placed in the wedge and "C" member groove of Wedge Terminals.
 - (9) The following Type Tests shall be submitted for registered works with MSETCL, performed for Wedge connectors suitable for ACSR / AAAC conductor to ACSR / AAAC conductor combination as per IS:55612018 (latest revision).
 - a) Dimensional verification
 - b) Pull-out strength test (Product should not get fail when steady load increases to 110 kg and held for 1 minute)
 - c) resistance test ($\leq 110\%$ of the resistance without connector)
 - d) temperature rise test (For 0.5 to 0.5/ 0.4, the test should be performed at 1200 AMP or above load, the temperature should be $\leq 95^\circ \text{C}$, For 0.4 to 0.5/ 0.4, the test should be performed at 795 AMP or above load, the temperature should be $\leq 45^\circ \text{C}$)
 - e) Short circuit current test for 0.5 & 0.4 Conductor (for 40 kA for 3 Seconds with an initial peak of 100 kA) and 0.3 & 0.2 Conductor (for 25 kA for 3 Seconds with an initial peak of 62.5 kA)
 - f) Visual corona (Corona extinction voltage should be more than 320 kV AC)
 - g) RIV test (Measured RIV should be below 2500 V at specified test voltage)
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- (10) The following Type Tests shall be submitted for registered works with MSETCL, performed for Wedge connector suitable for every ACSR / AL59 conductor combination of same run & tap conductor incl. offered sizes (e.g. ACSR 0.5 to ACSR 0.5), with latest revision of standard mentioned.
- a) The wedge connector shall meet the current cycle test requirements as per ANSI, C 119.4-2016 Class AA. When connected as specified, samples shall indicate electrical stability for terminated connectors. The resistance of the connection, when measured as specified shall be stable throughout the test. The samples shall be tested to 500 on/off current cycles with the control conductor temperature raised between 175 °C to 180 °C above ambient.
 - b) The wedge connector shall meet the mechanical requirements as per ANSI C 119.4-2016 Class 3, minimum tension. When tested as specified or 5% of the rated cable strength of the weaker conductor.
 - c) The wedge connector shall meet the following thermal shock & and salt spray test. Connectors shall be installed with designed run & and tap conductors of suitable length. Free ends of both conductors shall be suitably connected/welded to Aluminum pads for ease of current supply & and resistance measurements. Initial resistance shall be measured & and resistance shall be measured after each cycle as below. Results shall be tabulated.
 - o 2 ½ Hours at 150 °C.
 - o 15 minutes at 0 °C water, immediately from the oven.
 - o 30 minutes at 150 °C.
 - o 20 ¾ hours at room temperature.No physical damage to samples is acceptable.
 - d) For Salt spray corrosion, samples of (c) above which are successfully passed, subsequently shall be subjected to a 30-day salt spray corrosion test. Initial resistance shall be measured & and resistance shall be measured after every 5 cycles. Results shall be tabulated. Each daily exposure shall consist of:
 - o 15 hours in 5% salt spray atmosphere
 - o 1 hour in drying over at 100 C.
 - o 8 hours at room temperature.No physical damage to samples is acceptable.
- (11) During installation, the wedge of the wedge tap shall be driven inside the "C" member between the run & and tap conductor to spread the "C" member to ensure high retentive force on the conductors. A locking tab should prevent the wedge from loosening once it has been driven into position.
- (12) Also, a locking arrangement shall be provided to avoid overrun of wedge into C member.
- (13) Successful bidders have to offer inspection for the finished product a minimum of 15 days in advance with routine test reports applicable as per IS:5561. All acceptance tests as per IS 5561 2018 (latest revision) shall be carried out during inspection by the MSETCL inspector as per the sampling criteria specified in IS. Additionally, one sample of each offered item shall be subjected to a Chemical Composition test from the offered lot for inspection. For retesting, the guideline specified in IS:5561 2018(latest revision) shall be followed. No material shall be dispatched without inspection or dispatch instructions issued by MSETCL.
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- (14) Type tests shall be considered valid for a period of Ten (10) years & and shall be valid as on the last date of submission of a bid.
- (15) Bidder shall submit valid type test reports from NABL accredited/Government Laboratory. The bidder has to submit all type test reports as stated for the offered item along with the technical bid. In case of non-submission / partial submission or type test reports of which validity is over, the bidder shall submit pending type test report/s from NABL accredited/Government Laboratory, in the event of an order, before the commencement of supply without affecting delivery schedule, free of cost to MSETCL. Confirmation for the above shall be invariably submitted along with a technical bid. Furthermore, the purchaser reserves the right to select the sample from Manuf. Works & and recommends the NABL lab to carry out type tests in case of non-submission/ partial submission or type test reports of which validity is over.
- (16) Bidder has to submit a detailed drawing including all important dimensions, material grade, ratings etc. & and detailed QAP including raw material stage to finished product inspection stage-wise check points with technical bid.
- (17) ONE Sample of each required combination is required to be delivered to the office of Tender inviting authority of MSETCL before the tender submission limit.
- (18) MSETCL reserves the right to conduct any testing out of the tender testing reference mentioned in the tender on any sample delivered by the bidder at any NABL-accredited laboratory located within India.
- (19) Expense of the testing will be under the scope of the bidder. In case of non-paying testing charges or failure to deliver the tender sample or failure in testing, the bidder will be considered as disqualified & and no further discussion will be entertained by the tender inviting authorities.
- (20) Bidder must have valid type test reports as demanded in technical spec available with the bidder when they've quoted tender. In case of missing the same, the bid will be considered as deviation and the bidder will get disqualified without any further correspondence.

Supplier must be either a manufacturer or authorized dealer of manufacture. In Case of authorized dealer, bidder must submit the Specific Tender Authorization letter from manufacture.

(Vijay Katrale)
Executive Engineer
400kV R.S Division Lamboti .

ANNEXURE- I

Consent for Tender conditions

SRM E-Enquiry No.:

Name of Enquiry:

Name of Bidder & Address:

UNDERTAKING

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

To,

The Executive Engineer,

400kV R.S Division Lamboti .,

Dear Sir/Madam,

We hereby offer for _____ as detailed in your e-tender and in accordance with the terms and conditions thereof.

We have carefully perused the above e-tender specification connected with the work and agree to abide by the same.

We also agree to pay Security Deposit as per your requirements in case we are the successful Bidder and we accept all terms & conditions of the tender specification.

CERTIFICATE

I/We agree to carry out the works at the rates herein e - tendered by me/us subject to the conditions of e - tender which I/We have carefully read and that I/We thoroughly understood and to which I/We agree. I/We here by agree to keep this offer open up to the date as indicated in E-Tender Details and shall 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 here with as per the e-tender.

Signature of the Bidder _____

Name _____

Designation _____

Date _____

Authorized common Rubber Stamp/Seal _____

ANNEXURE – IV

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 & debaring/blacklisting of our firm.

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

ANNEXURE – G

(Undertaking to be submitted by the Bidder declaring that Bidder is not Debarred /Blacklisted by Government / Semi-Government / Other Power Utilities)

I/We hereby declare that I/We is/are participating in MSETCL's Tender No._____.

As on submission of date of this tender, I/We hereby declare that my firm/we is/are not debarred/blacklisted by any Government/Other Power Utilities, anywhere.

The above declaration is true to the best of my/our knowledge & belief.

I/We hereby agree that in case my firm/we are debarred/blacklisted by any Government/Semi-Government/ Other Power Utilities, anywhere, My/our offer is liable for rejection at any stage of Tendering process as per Tender Conditions.

Further, I/We hereby understand & agree that in case my Firm/We are Debarred/Blacklisted by Any Government/Semi-Government/Other Power Utilities, anywhere My/Our Order is liable for termination at any stage of Order execution process and My Firm/We shall be solely responsible for the consequences arising out of it.

Authorized Signatory
Seal of the firm



MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO.
LTD. (CIN: U40109MH2005SGC153646)
400KV R.S DIVISION LAMBOTI.

Enquiry No: EE/400kV/R.S/DN/LBT/T/No. 58 Dtd. 17.02.2025

DEVIATION FROM SPECIFICATION.

Sr.	Clause	Details of Deviation with justification.
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No.	No.
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Signature & Seal of Tenderer
