

Maharashtra State Electricity Transmission Company Limited
(CIN No. U40109MH2005SGC153646)

Office of The Superintending Engineer,

HVDC R S (O & M) Circle, Mumbai – Nasik Highway,

PADGHA - 421101 Tal: Bhiwandi Dist. – Thane (Maharashtra) India

Phone No. : 9769006191 (O) E - mail: se7300@mahatransco.in Website : www.mahatransco.in

To,

All Registered Vendors,

RFx No. 7000033722

Sub: - Rate Contract for the work of Nano Technology based acid and alkali nano-modified resistant anti corrosive coating on transmission towers legs/stubs for 500kV HVDC Chandrapur-Padghe Bipole line towers under the Jurisdiction of HVDC TL (&M) Dn, Jalna.

Dear Sir,

With reference to above subject, you are requested to quote lowest possible rates for Rate Contract for the work of Nano Technology based acid and alkali nano-modified resistant anti corrosive coating on transmission towers legs/stubs for 500kV HVDC Chandrapur-Padghe Bipole line towers under the Jurisdiction of HVDC TL (&M) Dn, Jalna as per specification in Schedule – A with following terms and conditions.

TERMS AND CONDITIONS:

1. The EMD and Tender fees is to be paid online on the account of MSETCL through website <https://srmetender.mahatransco.in>. **Due Date- 07.10.2024 upto 10:00 hrs.**
2. Document should upload the following digitally signed scan copies of documents /certificates online under

Technical Bid.

- ‘The bidder’ should have submitted the experience certificate of successfully completed the work for “*Anti corrosive coating/Painting at any substation from State transmission utilities or Govt. Organization/Govt. undertaking organization or at any power sector*”.
- The performance/experience certificate shall be issued by the officer not below the rank of Ex. Engineer or equivalent. The bidder shall also submit the copy of the work order mentioned in the experience certificate as testimonials.
- *The test report of paint done at NABL certified test laboratory prior to start of work is must.*

Commercial Bid.

- The bidder shall submit the copy of PAN card along with bid. The Bidder shall submit the copy of Income Tax returns for the last three Financial years, from the last day of month previous to the one in which Tenders are invited.

- The bidder should be registered under GST Act. The Bidder shall submit the copy of GST returns for the last Financial year from the last day of month previous to the one in which Tenders are invited.
- The bidder should have the Minimum Annual Average Turnover (MAAT) of at least 60% of tender estimated cost in the last three years i.e. 36 months.
- 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, 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 state of Net-Worth duly certified by Chartered Accountant with seal and UDIN.
- The bidder should have to submit the audited financial statements i.e. profit & Loss account and Balance sheets for last three financial years duly certified by Chartered Accountant with seal and UDIN.
- Shop Act License.
- The bidder should have a valid Electrical Contractor's License issued by the Government of Maharashtra for work of erection/commissioning of EHV equipment.

3. The Contractor rates should be in percentage (%) based on estimate cost.

4. Rates should be valid for 120 days from the date of commercial opening of RFX.

5. Rfx fee is Rs.118/- including taxes (Is nonrefundable).

6. If the above documents are not applicable, then submit Eligible/ Non eligible documents list.

7. Income Tax will be deducted from contractor's bill, as per Govt. rules

8. Rates should be exclusive of all taxes or all applicable taxes and their charges should be mentioned separately and clearly in percentage.

9. **Scope of work:** - work of Nano Technology based acid and alkali nano-modified resistant anti corrosive coating on transmission towers legs/stubs for 500kV HVDC Chandrapur-Padghe Bipole line towers under the Jurisdiction of HVDC TL (&M) Dn, Jalna.

Contractor/Bidder should submit following certificates for the Nano modified acid and alkali resistant coating system (before start of work): -

- Tafel Extra polation test certificate for its Nobility.
- Temperature stability test certificate for 250 degree Celsius.
- Bond strength with concrete test certificate as per IS: 2770.
- ROHS compliance test certificate.
- Chemical resistance test as per ASTM D 6943.
- Salt Spray test of 4000 hours from NABL approved labs.
- Holiday detector test certificate for 5.5 kVA as per ASTM DS162.
- Tensile strength and Elongation test certificate as per ASTM D 638.

10. Within seven days from the date of receipt of the work order, the contractor shall have to enter into an agreement with the Company in the approved proforma on stamp paper of Rs. 500/- (Five Hundred Only) at your cost as per the D.O. Itr no. Mudrank-2009/2707/Pra.Kra. /326/M-1 dtd 09.10.09. and Co.'s Adm. Circular no. 207 dtd 17.04.10. Until such agreement is executed, the Company will not be liable to pay nor shall the contractor be entitled to claim amount due or payable, if any, for the work executed under the contract.
11. You will have to pay the security deposit of amount equal to 10%(Ten) of the order value within 07 days from the date of issue of letter of intent / purchase order, in the office of the Superintending Engineer, HVDC RS (O&M) Circle, Padghe, Tal. Bhiwandi, Dist. Thane, Demand Draft or equivalent Govt. Securities or Fixed Deposit Receipt or RTGS. For the offers received below the estimated cost of tender, the amount of Performance Bank Guarantee shall be applicable as under.

Table					
Sr. No	Offer Received	SD	ASD for Offer upto 10%	ASD for Offer between 10% to 15% below.	ASD for Offer Below 15% or more
		Work including Supply			
1	At Par or Above	10%			
2	Up to 10% Below	10%	1%		
3	Between 10% to 15% below	10%	1%	01% for every 01% or part thereof more than 10%	
4	Below 15% or more	10%	1%	5%	02% for every 01% or part thereof more than 15%

The payment of Security Deposit in any other alternative form is not permitted. No interest will be payable by the MSETCL to the Contractor on the Security Deposit. Security Deposit will be refunded after due completion of contractual obligation.

The undersigned reserves the right to reject any or all the quotations without assigning any reasons thereof.

Thanking you

Yours faithfully,

Sd/-
(Ram Kolhe)
Superintending Engineer

Maharashtra State Electricity Transmission Company Limited
HVDC RS (O&M) Circle, Padghe

SCHEDULE -A

Sub: - Rate Contract for the work of Nano Technology based acid and alkali nano-modified resistant anti corrosive coating on transmission towers legs/stubs for 500kV HVDC Chandrapur-Padghe Bipole line towers under the Jurisdiction of HVDC TL (&M) Dn, Jalna.

Sr. No.	Description	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
1	Application of nano-technology based acid and alkali resistant anti corrosive coating on transmission tower's legs/stubs including supply of all associated materials and labor etc.	1	sqm		
Sub-Total Rs.					
GST @ 18 %					
Total Amount including GST Rs.					

Salient Points of paint Coating (Nano-technology based acid and alkali nano-modified anti corrosive coating): -

Sr. No.	Feature	Particular
1	Type of Paint	Nano Modified Acid Resistant
2	Application of Painting	By Brush/Roller
3.	Dry Film Thickness (DFT)	Not less than 150 micron in one coat.
4.	No. of coat to be done	Minimum 3
5.	Resistive Property	Chemical Resistant against fumes & spillages (Acid & Alkali)

Sd/-
(Ram Kolhe)
Superintending Engineer