MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO.LTD
(CIN No.U40109MH2005SGCI53646)

Office of the Executive Engineer
EHV O & M Division-I, Pune
Block No.406, Admin Building,
3rd Floor, Rasta Peth, Pune 411011
Phone No : 7447440351
E- mail- ee6140@mahatransco.in

EE/EHV O&M Dn.-I/Pune/Tech./2244 **Date : 21.12.2023**

TO WHOM SO EVER IT MAY CONCERN

Subject: Calling of Budgetary offer in r/o work of Nano Technology Based Acid & Alkali Nano modified anti corrosive painting of Support Structure of 22kV CT, PT, LA & Isolators etc. at 220KV Khadki SS. Under EHV O&M Division-I, Pune-**Extension II**

Dear Sir,

The Budgetary offer through e-mail are hereby invited for the above work as per schedule, mentioned below:-

Sr. No.	Particular	Unit	Ex Works Unit Rate	GST @18%	Unit Rate with GST
1	Nano Technology Based Acid & Alkali Nano modified anti corrosive painting of Support Structure of 22kV CT, PT, LA & Isolators *(Salient Features, Step of work & Necessary Certification in Schedule-A)*	Sq. Meter			

Note: Rates shall be valid for 60 days from the date of submission of offer.

All are requested to quote your best reasonable rates for above work.

The Terms and conditions as below:

1) The rate should be quoted on firm quotation basis.
2) The rates should be exclusive of all taxes. Taxes should be quoted extra.
3) You are requested to submit your best reasonable budgetary offer as per Schedule-A, for above works on E-mail ID: ee6140@mahatransco.in up to ll:00 Hrs on dtd. 28.12.2023
4) Following documents should be submitted along with your offer: -
    a. Shop Act / Udyog Aadhar Registration Certificate.
    b. Work Experience Certificate for similar nature of works in MSETCL/MSEDCL/ in any Power Utility or in Private Company in India.

This budgetary offer is invited only for estimation purpose and same will not be considered for any bidding OR other activity.

-Sd-
(V.V. Borkar)
Executive Engineer
EHV O & M Division –I, Pune

Schedule-A: Salient Features and Steps of Work

- Salient features of paint coating (Nano Technology Based Acid & Alkali Nano modified anti corrosive): -

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

- The Anticorrosive paint/Coating shall consist of the following steps:
  1. Surface Preparation: The surface should be cleaned only by either mild machines grinding manually by sand paper or with metal sharpeners and steel wires brushes for cleaning the rusted metal surface. Use rust remover to remove heavy or thick rust and paint stripper to remove old paint if painted previously.

  2. Minimum one coat of Acidic Nano technology-based Rust Fixator/ Rust Preventive/ steel Guard Nano coat to freeze the rust permanently.

  3. Minimum one coat (not less than 150 micron) of Acid and Alkali Resistant Nano Modification Pvdf Epoxy paint.

  4. Minimum one coat (not less than 150 micron) of intermediate Acid and Alkali Resistant Nano Modification Pvdf Epoxy paint.

  5. Minimum one coat (not less than 150 micron) of finished Acid and Alkali Resistant Nano Modification Pvdf Epoxy paint.

- **Certifications Required to be submitted along with offer**:
  1. Tafel Extra Polation Test Certificate for its Nobility
  2. Temperature Stability test certificate for 250 Deg Celsius
  3. Bond Strength with concrete test certificate as per IS:2770
  4. ROHS compliance test certificate
  5. Chemical Resistance test as per ASRM D 6943
  6. Salt Spray test of 4000 hours from NABL approved Lab
  7. Holiday detector test certificate for 5.5 kVA as per ASTM D5162
  8. Tensile strength end elongation test certificate as per ASTM D 638

-Sd-
(V.V. Borkar)
Executive Engineer
EHV O & M Division –I, Pune