



**OWNER:  
THE TATA POWER COMPANY LIMITED**

**TITLE OF WORK TO BE AWARDED:**

**Services for fabrication and erection of MSRL pipeline for DMF & PSF area (Ref-4100048039)**

**at**

**MUNDRA THERMAL POWER STATION (MTPS), GUJARAT**

**ENQUIRY REFERENCE NO.: 2000084137**

## NOTICE INVITING EXPRESSION OF INTEREST (EOI)

<b>Enquiry reference no.:</b> 2000084137
<b>Title of Work:</b> Services for fabrication and erection of MSRL pipeline for DMF & PSF area at Tata Power-Mundra.
<b>Type of Bidding:</b> E-tendering (through Ariba online portal) / Two Part (Technical and Price bids under separate envelopes)
<b>Contact Details:</b> All communication including EOI submission shall be addressed to following officer/s: Name: Mr. Vinodsingh Email: vinod.singh@tatapower.com Copy of all communications shall be marked to (Cc): Name: Mr. Aseemkumar Joshi Email: <a href="mailto:aseemkumar.joshi@tatapower.com">aseemkumar.joshi@tatapower.com</a>

The Tata Power Company Limited Invites Expression of Interest (EOI) from interested parties for the Two-Part e-Tendering Process of following Relevant Work Package:

**Table 1 - Tender Summary**

<b>Package Details</b>	<b>Tender Fee</b>	<b>Bid Security</b>
Services for fabrication and erection of MSRL pipeline for DMF & PSF area at Tata Power-Mundra	INR 2000/- (INR Two Thousand Only). <i>To be submitted along with EOI.</i>	INR 55,000/- (INR Fifty Five Thousand Only). <i>Bid Security to be submitted as a Bank Guarantee or RTGS or Demand Draft at the BID stage and not with EOI</i>

### **1. INTRODUCTION:**

The Tata Power Company Limited (TPCL) is among the largest private sector Power Utility companies in India with presence in Generation, Transmission and Distribution of Power through conventional and renewable sources.

Mundra Thermal Power Station (A Tata Power Division) has implemented the 4150 MW UMPP near the port city of Mundra in the state of Gujarat in India. This UMPP is India's first 830 MW unit thermal power plant using supercritical technology. MTPS operates on imported coal on pulverized coal-based boiler technology. The generating plant is in Tunda village of Mundra district in the state of Gujarat, India.

The tendering activities for this Project are being managed from Tata Power's following Office:

The Tata Power Company Limited,  
Mundra Thermal Power Station - Ultra Mega Power Plant,  
(Formerly a Unit of Coastal Gujarat Power Limited),  
Tunda-Vandh Road, Tunda Village,  
Mundra, Kutch 370 435, Gujarat.

### **2. SCOPE OF WORK:**

## **FABRICATION & ERECTION SERVICE- 32, 50, 80,150,200, 250, 300 & 350NB MSRL PIPELINE**

FOR DMF & PSF AREA.

1. Fabrication of MS pipe and fittings including external painting:

- MS pipe. Pipe specification-MS ERW Class C Heavy, IS 1239. Flange specification-MS as per
- B16.5 ASA 150 SOFF.
- MS Elbow specification-MS ERW Class C Heavy, IS 1239.
- MS Tee with flange end. Tee specification-MS ERW Class C Heavy, IS 1239.

2. Vendor to prepare piping detail drawing for MSRL spool to avoid any re-work at site and to follow for further fabrication job.

3. Fabricated pipe spools are to be loaded and transported for rubber lining at another vendor's shop. Transportation of pipes and fittings from the site to the vendor's facility will be in M/s MTPS's scope, while transportation from the vendor's facility back to the site will be in the vendor's scope.

4. Erection of MSRL pipe & fittings at 8.00 Mtr. elevation and on ground floor AT PTP plant To provide structural Supports at every 3 Mtr. interval. Structural steel to be painted as per specification provided in Annexure-1.

5. Cutting, Removal & shifting of existing pipeline from location

6. MSRL pipe and fitting external surface painting to be done after inner rubber lining completion. specification provided in Annexure-1.

7. The agency shall prepare a shaded fabrication yard if required. The agency must also ensure full safety measures and provide firefighting equipment, including fire extinguishers and fire buckets, at the work location. The shed's location will be determined by M/S MTPS in consultation with the agency.

8. Power supply at single location near the working area will be provided by CGPL, extension cabling will be in the scope of the vendor. Internal wiring with electrical protections (ELCB/MCB etc.) will be done by the Agency. Lighting at the fabrication yard as well as at the working place is to be done by the Agency.

9. No manpower/ resources shall be utilized from existing AMC works at CGPL.

10. Drinking water is to be arrangement by the Agency at its own cost.

11. All the required tools, tackles, Gaskets, scaffolding materials, safety gears & appliances, P & M, Man lifters, hydra, crane etc. for the execution of job shall be in Agency scope.

13. To execute the job at height / ground floor, all enablers like scaffolding & others to be arranged by vendor.
14. All the consumable material required for welding & Cutting (Welding Rod, cutting gas, grinding wheels & cutting Wheels etc.) shall be in vendor`s scope. Pipe contact with support to be covered with 1 mm SS sheet.
15. Vendor must submit all test certificates of consumables to CGPL prior to use at site.
16. Agency must submit detailed schedule for the project along with QAP / FQP for MTPS review/approval.
17. Prior to welder qualification, Welder Procedure Specification (WPS) and Procedure Qualification records shall be duly established/verified by CGPL engineer. Welder shall be put on job only after verifying qualification by CGPL QA/QC. All the site inspections must be recorded and maintained by vendor
18. Vendor must use proper PPE`s as per the job requirements & as per CGPL Guidelines.
19. Erection method statement, Job safety Analysis (JSA) & Hazard Identification and Risk Analysis (HIRA) need to be submitted by the Agency to M/S CGPL for review & approval. Vendor has to obey / work as per Contractor Safety Management (CSM).
20. Before commencing any activity permit to work is to be taken by Agency. Agency must submit daily activity report.
21. All the Tools & Tackles required for Erection & Commissioning of the project are in vendor's scope. All the Tools & Tackles should be tested by approved third party. All the certificates of third party to be carried by the agency.
22. All the electrical Tools & Tackles required for execution need to be certified by MTPS EMD Team. After the certification the team will provide green tag which needs to be displayed on the tools & Tackles.
23. Agency must ensure one qualified electrician certified by Govt. of Gujarat.
24. Safety officer shall be deputed throughout the working duration till completion of the project.
25. Shifting & Proper Storage of material (FIM) i.e. pipes, Flanges, fittings & supporting structures to be carried out by the agency with their own resources (P & M). Material shifting from Store to site is in vendor scope.
26. Agency must remove all the scrap material from the plant premises after completion of the project.

27. Commissioning (phase wise charging & flushing) of the system shall be done after completion of the entire piping work.

28. Hydro testing of the system shall be done after completion of the entire piping work as per MTPS Standard

Annexure-1

PAINTING SPECIFICATION TO BE FOLLOWED AT MTPS.

Surface Preparation:

1. All surfaces to be painted shall be thoroughly cleaned of all greases, oil, loose mill scale, dust, rust and any other foreign materials. Mechanical Cleaning may be done through Shot blasting by using copper slags to SA (2&1/2) finish.

2. Primer and painting:

a. Primer: - Two coat of Inorganic Zinc Silicate of 50 Micron Each.

b. Intermediate Paint: One coat of HB MIO EPOXY of 140 micron.

c. Finish Paint: Two coats of POLY EURETHENE of 40 micron each

d. Total DFT-320 micron.

3. Approved Make: Hampel, Carbonil,3M Science, AkzoNobel, International paints

**Safety requirement (As per Tata Power safety guidelines):**

- No jobs to be carried out without PTWs, Toolbox meeting (TBM) and prior instructions from Tata Power - MMD engineer. Any revisions/changes if required to be done for job execution, shall be informed to concerned tata Power engineer beforehand to avoid any delay in execution.
- Contractor safety supervisor is required to guide the workmen all the time of activity..
- 4 PPEs compliance is mandatory requirement for Tata Power site.
- Safety belt & Fall arrestor for height work to be ensured. Lifeline arrangements to be done while work at height.
- Welder must wear face shield fitted with safety helmet, and welding helper must wear required eye protection for welding.
- Usage of Fire blankets for hot works.
- All the electrical equipment's like welding machine, grinding machine etc. to be certified by our electrical maintenance department; and equipment's to be connected with source using ELCBs in circuit. Pneumatic tools to be used wherever required.
- Gas cylinders only to be used with flash back arrestor. Gas cylinder kept tied with fixed structure always.
- All the equipment's, like grinding machine, heating torch, welding holder, gas cylinder fittings must be ISI marked.
- All lifting tools & tackles shall be certified with competent authority.

Note: Tata Power reserves the right of revisions/changes in the job scope whenever required and the same shall be intimated to contractor.

### 3. TENDER FEE & TIMELINES:

a. Interested parties meeting the "Bidder Pre-Qualification Requirements" specified under point no. 4 in this document can request tender document and participate in the bidding process by submitting the Expression of Interest (EOI) Letter along with the Tender Fee Payment Details to the contact details mentioned below not later than the deadline specified below. Request for extension of EOI submission date will be not entertained.

b. **Interested bidders should submit the Expression of Interest (EOI) letter and tender fee payment details to below mentioned email addresses:**

- Mails shall be addressed to (To): [vinod.singh@tatapower.com](mailto:vinod.singh@tatapower.com)
- Must Mark a copy to (Cc): [aseemkumar.joshi@tatapower.com](mailto:aseemkumar.joshi@tatapower.com)

EOI/ requests without complete information and communication as above within deadline shall be liable to be rejected and will not be considered further.

c. Tender Fee, as indicated in the Table 1 above may be paid through **NEFT** as per details for payment of Tender Fee given in Table 2 below:

Table 2

Details for payment of Tender Fee:	
Bank details for submitting Tender fees through bank transfer / NEFT:	Beneficiary Name: TATA POWER CO LTD Bank Name: STATE BANK OF INDIA A/c no: 30545457373 IFS Code: SBIN0009995 A/c type: CURRENT ACCOUNT Branch Name & Address: CAG BRANCH, NEVILLE HOUSE, 23 J N HEREDIA MARG, BALLARD ESTATE, MUMBAI-400001
Deadline for tender fee payment and submission of EOI:	<b>10<sup>th</sup> June 2025, CoB</b>

d. **Expression of Interest letter to be submitted along with tender fee payment details should include the following details:**

- A covering letter duly stamped and signed by an authorized signatory clearly indicating the Tender Reference number and your EOI to participate in the tendering process.
- Tender fee payment details / reference number (ensure that tender fee is received by us within specified deadline)

- Bidder to indicate authorized person name, contact number and e-mail id (mandatory) of the person to whom RFQ / tender and all other communications to be addressed for this tender.
- e. Detailed Bid Document (also referred as RFQ) shall be issued through Tata Power e-tender portal (Ariba System) only to the parties submitting a valid EOI as per the terms mentioned in this document.

#### **4. BIDDER PRE-QUALIFICATION REQUIREMENTS:**

Interested parties to note that Bidder shall be required to fulfill the following bidder pre-qualification requirement / criteria to qualify for the subject work. Bidder will be required to submit relevant supporting documents to demonstrate their qualification during the bid submission stage against Tender document / RFQ and bidders not found meeting the pre-qualification requirements given below will be disqualified from the tender.

##### **4.1 TECHNICAL REQUIREMENT:**

- 4.1.1 The Bidder must have Minimum 5 years' experience in MS pipeline fabrication & Errection service for industrial plant
- 4.1.2 Vendor must have executed projects of similar nature and value in the last 2–3 years. The minimum single order value of such executed projects should be at least ₹40 Lakhs or cumulative order value for last 3 years to be minimum 75 lakhs.
- 4.1.3 Bidder shall provide company profile, work orders, completion certificate, safety certificates and previous project photographs (if available) .
- 4.1.4 Bidder / Tenderer should preferably certify with ISO 9001 / ISO 14001 / ISO 45001 or must give an undertaking for their willingness to obtain the same within 2 months of qualification for the work.

##### **4.2 FINANCIAL REQUIREMENT:**

Bidder / Tenderer should have minimum Average Annual Turn-over of Rs. 50 Lakhs (Indian Rupees Fifty Lakhs only) during the last 3 financial years (**Attach Certificate from Chartered Accountant in this regard**)

It may be noted that the above requirements are minimum qualification criteria. However, Tata Power reserves its right to further assess the capabilities of the parties and reserves its rights to further shortlist, accept or reject any party without assigning any reason.

#### **5. BID SECURITY / EMD:**

Interested parties to note that Bidder will be required to furnish a Bid Security along with their Bid, in the format prescribed in Bid Document **in the form of Bank Guarantee or Demand Draft or RTGS**, for an amount as defined in the covering page of this notice document. Bids not accompanied by an acceptable Bid Security shall be rejected by the Owner as being non-responsive and returned to the bidder without being opened.

**Interested parties to note that Bid Security is not required with the EOI and it is required to be submitted with the Bid only during Bid Submission stage** once RFQ is released to the interested parties that have submitted a valid EOI.

**6. BIDDING PROCESS:**

Detailed Bid Document (also referred as RFQ) shall be issued through Tata Power e-tender portal (Ariba System) only to the parties that submitted a valid EOI as per terms mentioned in this document.

Bidder to note that commercials for subject tender may be conducted through e-auction. Detailed bidding and auction process shall be detailed in the RFQ / tender document.