



**OWNER:  
THE TATA POWER COMPANY LIMITED**

**TITLE OF WORK TO BE AWARDED:**

**Supply of MSRL Pipes and Fittings for Cooling Tower Make-up line  
at  
Mundra Thermal Power Station (MTPS), Gujarat**

**ENQUIRY REFERENCE NO.: 1000065267**

## NOTICE INVITING EXPRESSION OF INTEREST (EOI)

<b>Enquiry reference no.:</b> 1000065267
<b>Title of Work:</b> Supply of MSRL Pipes and Fittings for Cooling Tower Make-up line 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. Premkumar G Email: <a href="mailto:premkumar@tatapower.com">premkumar@tatapower.com</a> Copy of all communications shall be marked to (Cc): Name: Mr. Anil Agarwal Email: <a href="mailto:anil.agarwal@tatapower.com">anil.agarwal@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 ACW & CCCW system Overhauling during Unit 50 Outage at Tata Power-Mundra.	INR 2000/- (INR Two Thousand Only). <i>To be submitted along with EOI.</i>	INR 30,000/- (INR Thirty 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:

The brief scope of supply for MSRL Pipes and fittings shall fulfill the below requirements:

1. Vendor to develop isometric drawing along with BOQ and send for approval.
2. Vendor have to procure pipes and fittings and fabricate the spool pieces as per the final approved drawing.  
Pipe specs
  - a) MS pipe with flange end spool size-upto 100NB. Pipe specification-MS ERW Class C Heavy, IS 1239. Flange- B16.5 ASA 150 SOFF.
  - b) MS Elbow/Miter with flange end spool.
  - c) MS Tee with flange end.
3. NDT of the welding joints to be carried out before rubber lining. (DP test)
4. All pipe/pipe fittings should be hydrottested at 9 kg/cm<sup>2</sup> before rubber lining.
5. Rubber lining specification are mentioned below:
  - a) Surface Preparation by blasting & **4.5 mm thick Ebonite** lining to be carried out inside the pipes.
  - b) Hardness: 70+/- 5 Shore D, IS 4682 Part 1 Vulcanization done in Autoclave by Hot Bonding Process under controlled temperature and pressure.
  - c) Following Test to be conducted after rubber lining and report to be submitted:

Sr. No.	Test Name	Test Target
1	Tensile Strength	Required- Min. 100 kg/cm <sup>2</sup> .
2	Elongation at break	Required -Min.300 %.
3	Hardness shore D	70 +/- 5.
4	Bleeding in DM Water, 48% NaOH, 33% HCL. At room Temp. for 120 Hrs.	No Weight loss or No discoloration of solution to be observed.
5	H.V. Spark Test	No leakage at 20mm spark length.
6	Thickness Check	4.5 mm.
7	Adhesive / Bond	Min. 9 kg/25mm.

6. Vendor must submit all test reports.
7. BOQ mentioned in the RFQ is as per existing piping (UPVC) there may be changes in the BOQ as per final drawings prepared by the vendor.
8. Loading and unloading of fabricated pipe spools are in vendor scope at vendor works.
9. Vendor to intimate MTPS for Rubber lining testing at their workshop.
10. Transportation of rubber lined from vendor works to Mundra site is in vendor scope.
11. All pipe/pipe fittings should be hydrottested at 9 kg/cm<sup>2</sup> before rubber lining.
12. While dispatching the pipe/pipe fittings must be separately supported with wooden planks and to be stacked such a way that no two materials should not come in contact with each other.
13. The pipe /pipe fittings ends are to be covered properly.
14. External painting is in the scope of vendor.

### Painting specifications: External painting specification

- a) Surface preparation- Sa 21/2.
- b) Primer- Zn rich epoxy, 2 coats, each coat-40μ,
- c) Intermediate- HB MIO epoxy, 2 coats, each coat-100μ,

d) Finish-epoxy PU HB, 2 coats, each coat-40μ.

Total DFT-360μ.

Materials shall be door delivered to Tata Power, Mundra site on DAP basis with freight paid and the charges towards, packing, freight and transit insurance shall be in vendor scope.

Detailed Scope of Work including BOQ for this Contract shall be provided in the Tender / RFQ document to all potential bidders submitting the valid EOI with due tender fees.

## 2 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): [premkumar@tatapower.com](mailto:premkumar@tatapower.com)
- Must Mark a copy to (Cc): [anil.agarwal@tatapower.com](mailto:anil.agarwal@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>25<sup>th</sup> July 2024, 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.

### **3 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 experience in preparing piping layout as per site condition, fabrication & rubber lining of pipes and shall have supplied MS rubber lined piping's of similar sizes or higher size. Bidders have executed 3 Nos of PO in last three years for similar MS rubber lined piping's with each PO value - Rs. 30 Lakhs or above.
- 4.1.2 Bidder with experienced in replacement, testing, commissioning, and handing over of MS rubber lined piping system at site shall be preferred.
- 4.1.3 Bidder shall submit the documents in support of the qualification criteria specified above along with the Bid Document.

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

Bidder / Tenderer should have minimum Average Annual Turn-over of Rs. 50 Lakhs (Indian Rupees Fifty Lakhs) during last 3 financial years i.e., FY 2021-22, FY 2022-23, FY 2023-24. **(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.

### **4 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.

## **5 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.