



**OWNER:  
THE TATA POWER COMPANY LIMITED**

**TITLE OF WORK TO BE AWARDED:**

**Design, Supply, Erection, Testing, Commissioning and 1 year O&M of WTP**

**at**

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

**ENQUIRY REFERENCE NO.: 4100049488**

## NOTICE INVITING EXPRESSION OF INTEREST (EOI)

<b>Enquiry reference no.:</b> 4100049488
<b>Title of Work:</b> Design, Supply, Erection, Testing, Commissioning and 1 year O&M of WTP 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. 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>
Design, Supply, Erection, Testing, Commissioning and 1 year O&M of WTP 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:**

### **Scope of Work for Revival of 500 KLD Water Treatment Plant (WTP)**

**Overall scope of work:** Bidders shall make the site visit on getting the bid documents and survey the existing installation to conclude his best competitive proposal for A) Refurbishment of existing WTP B) New installation of similar/mentioned capacity. Each bidder has to study the case and submit their offer for both the above options.

MTPS reserves the right to select either of the option and either of the bidders as found appropriate.

#### **1. Preliminary Assessment & Inspection**

- Before bidding vendor to visit site and conduct detailed site inspection of existing water treatment plant.
- Assess the current condition of all equipment, structures, and pipelines.
- Review historical operation and maintenance records.
- Identify deficiencies, damages, and obsolete components.
- Analyze water quality data to understand treatment requirements.

#### **2. Design & Engineering**

- Prepare detailed engineering drawings for refurbishment and modifications.
- Design process improvements to optimize treatment efficiency.
- Finalize equipment specifications and material requirements.
- Develop process flow diagrams (PFD) and piping & instrumentation diagrams (P&ID).
- Ensure compliance with relevant environmental and safety standards.

#### **3. Procurement & Replacement**

- Procure new/replacement equipment and materials as identified during assessment (pumps, filters, chemical dosing systems, valves, control panels, etc.).
- Source spares for existing machinery if repairable.
- Arrange for delivery and storage of equipment and materials.

#### **4. Civil & Structural Works**

- Repair or replace damaged tanks, chambers, and structural foundations.
- Conduct cleaning, desilting, and repair of sedimentation tanks and clarifiers.
- Repair or replace damaged pipelines, valves, and fittings.
- Refurbish electrical rooms and control rooms as necessary.

#### **5. Mechanical & Electrical Works**

- Dismantle and remove obsolete or damaged mechanical equipment.
- Install new or refurbished pumps, motors, mixers, and aerators.
- Repair and recondition existing equipment where feasible.
- Rewire electrical panels, control systems, and instrumentation.
- Install or upgrade SCADA/PLC systems for automation and monitoring.
- Conduct calibration and testing of all instrumentation.

## 6. Chemical Treatment System

- Clean and refurbish chemical dosing tanks and pumps.
- Install new dosing systems if required.
- Ensure safe storage and handling arrangements for chemicals.
- Optimize chemical dosing based on water quality analysis.

## 7. Testing & Commissioning

- Conduct individual equipment testing.
- Perform integrated system testing under operational conditions.
- Monitor water quality parameters to ensure treatment compliance.
- Carry out trial runs and performance validation.
- Provide operational training to plant personnel.

## 8. Documentation & Handover

- Prepare and submit detailed operation and maintenance manuals.
- Provide as-built drawings and equipment specifications.
- Prepare a detailed report on revival work and performance.
- Hand over the plant to client with full operational readiness.

## 9. Post-Commissioning Support

- Operate and maintain the WTP at rated capacity (500 KLD) for a period of one year.
- Assist in procurement of spare parts during the Operation & Maintenance (O&M) period.
- Offer technical support and guidance for process optimization.

Note: Final Scope & BOQ shall be shared with RFQ in Ariba portal after receiving Expression of Interest (EOI).

## 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): [premkumar@tatapower.com](mailto:premkumar@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>14<sup>th</sup> July'25, 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 Bidder should be in the field of Design, Supply, Installation, Commissioning and O & M of the STP plants - OEM or EPC. **(Agency to attach Certificates / Completion certificate / Work order copy, etc.)**
- 4.1.2 Bidder should provide work orders for the last 3 years which shows successful completion of the works of similar size & capacity as EPC. **(Attach Certificate of Experience and**

**Satisfactory Completion of work awarded from concerned Establishments / Companies along with unpriced copy of PO to ascertain the work nature)**

- 4.1.3 Bidder / Tenderer should preferably have ISO 9001 / ISO 14001 / ISO 45001 certification or must give an undertaking for its willingness to obtain the same qualification for the bidding.

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.

**4.2 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.