



**OWNER:  
THE TATA POWER COMPANY LIMITED**

**TITLE OF WORK TO BE AWARDED:**

**Service Water Pipeline Replacement work in Coal Handling Plant**

**at**

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

**ENQUIRY REFERENCE NO.: 2500018102**

## NOTICE INVITING EXPRESSION OF INTEREST (EOI)

<b>Enquiry reference no.:</b> 2500018102
<b>Title of Work:</b> Service Water Pipeline Replacement work in Coal Handling Plant 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>
Service Water Pipeline Replacement work in Coal Handling Plant at Tata Power-Mundra.	INR 2000/- (INR Two Thousand Only). <i>To be submitted along with EOI.</i>	INR 1,50,000/- (INR One Lakh and Fifty 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 scope of work under this tender will cover various Pipeline replacement activities as below:

- Dismantling of old 80 NB service water pipeline & erection of 80NB corro-coated service water pipeline (Location: from ICHS Pump House to U10 Bunker floor) –1500 M
- Dismantling of old 65 NB service water pipeline & erection 65 NB corro-coated service water pipeline (Location: along BCN 5A & BCN 5B from U10 Bunker floor to Unit 50 Bunker floor) – 1200 M
- Dismantling and re-installation of old Non corro-coated 150 NB pipeline and erection of 200NB corro-coated pipeline ICHS Control room to ICHS Pump House area – 450 M
- Erection of 150NB Non corro-coated pipeline from ICHS Pump house area to onwards) - 450M
- Supply of Pipes, fittings, Gaskets & Fasteners will be in the scope of MTPS. However, all necessary resources such as manpower, machineries, material handling equipment's, tools & tackles, PPEs, & other consumables like welding rod/gas/grinding wheel/cutting wheel etc required for execution of the job shall be arranged by the service provider at their own cost.

### Rendering services for above pipeline replacement which includes

- a) Fabrication of pipes and fittings (Installation of flanges and fittings in the pipe, pipe-pipe welding)
- b) Fabrication and erection of pipe structural supports.
- c) **Painting of support structures for Pipeline**
  - Primer: - One coat of Inorganic Zinc Silicate of 2x50 Micron.
  - Intermediate Paint: One coat of HB MIO EPOXY of 140 micron each.
  - Finish Paint: Two coats of POLY EURETHENE of 40 micron each (2x40). finished coat—RAL 8001 (Ocher Brown)
  - **Make:** Taralac Paints/3M Science/International paints, M/S Hemple, M/S Nerolac
  - Total DFT- 320-360 micron
  - External painting warranty period-3 years.
- d) **External painting of pipes and fittings**
  - Zinc free Anti corrosive Epoxy Primer, Spray applied epoxy-based coating at 125 microns thickness.
  - Two parts, chemically cured, High Build Epoxy MIO Coating Spray applied, High build, chemically cured Epoxy MIO coating at 200 microns thickness.
  - Two-part, High Solid Acrylic Aliphatic Polyurethane Topcoat Spray applied, high solids, UV Resistant Polyurethane coating.at 50 microns thickness
  - Total coating thickness shall be 375 microns.
  - **Make:** Taralac Paints/3M Science/International paints, M/S Hemple, M/S Nerolac
  - External painting warranty period-3 years
- e) **Internal Corrosion preventive Corro-coating and pipes and fittings**
  - Two parts, Chemically cured, Solvent-free Epoxy Lining: Spray applied, Impermeable, 100% solids, High build, Direct to Metal, chemically cured Epoxy coating. The coating shall be capable of building 1000 microns film thickness in Single coat application. The coating shall be suitable for a maximum in-service temperature of 80 Deg C. The pipe

coating shall be applied in accordance with the manufacturer's recommendation. Application by Hot Plural feed Air-less spray is preferred.

- Make: Demech Chemicals or any other reputed vendor
- Internal coating warranty period-Min 10 years

(Detailed Painting and Internal Corro-Coating Specification will be provided as separate attachment for reference).

- f) Dismantling of old pipes - 65/80 Size pipe 3 km Length & 150NB pipeline 450 m.
- g) Erection of 65/80 Size pipe and fittings 3km length & erection of 150NB/ 200NB pipe and fittings 900m length.
- h) Installation of 25NB SS tapping with 25 NB threaded valves.
- i) Removal of scraps from site and deposit to stores (scrap generated after execution of pipeline replacement work)

The estimated Quantity for above job is as given below.

S.No.	Detailed Service Description	UOM	Qty
1-A	Installation of Flanges And fittings in 65-80 NB Pipes (Fabrication work)	PID	2300
1-B	Installation of Flanges And fittings in 150- 200 NB Pipes (Fabrication work)	PID	1200
2	Fabrication of Pipe Supports	TO	8
3-A	Internal Corro-Coating (pipes and fittings)	m2	1200
3-B	External Painting (pipes, fittings & supports)	m2	1600
4-A	Dismantling of 65-80NB Pipes	M	2700
4-B	Dismantling of 150-200 NB Pipes (Hydra Required)	M	450
5-A	Erection Of 65-80NB pipeline (65-80NB)	PIM	8500
5-B	Erection Of 150-200NB pipeline (Hydra Required)	PIM	6500
5-C	Installation of Tapping valves (SS-316, 25 NB Pipe, fittings & valves)	EA	115
6	Erection of Steel scaffolding (Scaffolding Material in the scope of service Provider)	m3	900

**Mobilization timelines:** One Month from the date of confirmation of PO (Mobilization, Demobilization, Lodging, boarding, accommodation, local conveyance, and other miscellaneous charges for the work force shall be anything extra arranged by service provider and Tata Power will not be liable to pay apart from those agreed.).

**Delivery Terms:** 5 months from date of mobilization

### 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): [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>30<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.

**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 provide a minimum of two references for successful completion of Fabrication, Installation, Testing and Commissioning services **(of min. 3 kms pipelines of size 6” and above in each project)** in last 3 years in any similar industry **(Attach Certificate of Experience and Satisfactory Completion of work awarded from concerned Establishments / Companies)**
- 4.1.2 Bidder should furnish List of Clients for whom they have done similar works during the last 3 years as per nature of contract. **(Attach Certificates from concerned)**
- 4.1.3 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. 2 Crores (Indian Rupees Two Crores 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.