



**OWNER:**

**THE TATA POWER COMPANY LIMITED**

**TITLE OF WORK TO BE AWARDED:**

**Services for GAH Baskets Washing with Remote Operated Hydro-jet System**

**at**

**Mundra Thermal Power Station (MTPS), Gujarat**

**ENQUIRY REFERENCE NO.: 2500018204**

## NOTICE INVITING EXPRESSION OF INTEREST (EOI)

<b>Enquiry reference no.:</b> 2500018204
<b>Title of Work:</b> Services for GAH baskets washing with remote operated Hydro-jet system during Unit 50 outage at MTPS, Tata Power.
<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 GAH baskets washing with remote operated Hydro-jet system during Unit 50 outage.	INR 2000/- (INR Two Thousand Only). <i>To be submitted along with EOI.</i>	INR 50,000/- (INR 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:**

1. Shifting of baskets from U50 boiler 0 meter to GAH basket washing area near aux boiler and back to boiler 0 meter with their own resources.
2. Loading and unloading of baskets at U50 boiler 0 meter and GAH basket washing area near aux boiler.
3. Loading and unloading of baskets on cleaning platform.
4. Cleaning of basket must be carried with automated nozzles/gun and manual basket cleaning is not allowed.
5. Change over baskets after cleaning of one side.
6. Applying preservatives of cleaned baskets, if required.
7. Storage the baskets in allocated/ store area.
8. Making arrangement for basket cleaning.
9. Round the clock working (24 Hrs. working).
10. Complete the work within the stipulated time period with prior planning submission to MTPS.
11. Power supply for hydro jet machines at single location near the place will be provided by MTPS, internal wiring with electrical protection (ELCB/MCB etc) will be done by the contractor. The power points are available at minimum approx. 100 meters. All extension cabling will be scope of the vendor.
12. Drinking water is to be arrangement by the contractor at its own cost.
13. Required tools, tackles, welding machine, Hydra (02 Nos.), Truck/Trailer (02 Nos.), lifting tools, scaffolding materials, safety gears & appliances, Material lifting equipment (belts & D-shackles) etc for the execution of job shall be in vendor scope and same has to get approved from MTPS safety as well as all lifting tools/equipment should have certification as per govt. norms.
14. Working place housekeeping & ash slurry pit cleaning, is to be done by the vendor before and after work execution.
15. Vendor has to follow the process of PTW as per MTPS rules and guidelines, PTW may issue based on the availability of equipment. Along with PTW installation/ replacement/ erection method statement, JSA & HIRA is to be submitted by the contractor to MTPS for review/approval.
16. All the electrical tools and tackles /lifting tools and tackles shall be third party inspected and audited and require to submit the certificate before usage.
17. Transportation /lifting/ handling of materials shall be done very carefully to avoid any damage to the material; Cost of damaged materials shall be recovered from the vendor.
18. Vendor shall be following the MTPS safety procedure during execution of job.

### **Basket Cleaning procedure:**

1. Weight measurement of Choked baskets.
2. Start basket Cleaning from both sides, with high water jet pressure from 800 to 1000 Kg/cm<sup>2</sup>.
3. Basket water flushing with 30-degree Nozzle for removal of loose debris.
4. Air Drying with compressed air at 5 kg/cm<sup>2</sup>.
5. Basket Light pass test inspection.
6. Weight measurement of baskets after cleaning,
7. Shifting & temporary storage of baskets on Pallets at defined area.
8. On sample basis, basket shall be strip cut for inspection and 90% element area found clean.

**Basket Acceptance criteria:**

1. Clear Jet of water coming in opposite end during pressure jet cleaning.
2. During air cleaning, air should come out from the opposite end.
3. Light Pass Test > 90% Basket area.
4. Weight Check – Final weight after cleaning & drying should be within 10% or less of design weight.
5. For every 50 baskets cleaned, one basket randomly cut opened for element inspection.

**Vendor has to refurbish the below mentioned data along with offer submission:**

1. Methodology for washing the basket at 800 to 1000 kg/cm<sup>2</sup>.
2. Pump specification and power requirement.
3. Detail of resources deployment (Manpower, machines, tool & tackles).
4. Duration in days for completion of basket cleaning (1152 Baskets).

All necessary resources such as manpower, machineries, material handling equipment's, tools & tackles, PPEs, etc required for execution of the job shall be taken care by the service provider.

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

**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>6<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 must have water jet pump of 1000 bar pressure rating and automated nozzle operating system. Also, bidder should be capable of deploying 5 no. of jet pumps and indexing frame for job execution. **(Attach Certificates / related supporting documents)**
- 4.1.2 Bidder must have executed RAPH/ GAH basket (Height 1125 MM) washing jobs with pressure around 800 - 1000 bar. **(Attach Certificates / related supporting documents)**

- 4.1.3 Bidder should provide a reference of minimum one order for successful completion of similar services meeting above criteria during last 2 years in any similar industry (**Attach Certificate of Experience and Satisfactory Completion of work awarded from concerned Establishments / Companies**)
- 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. 1 Crore (Indian Rupees One Crore) 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.

#### **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.