



**OWNER:
THE TATA POWER COMPANY LIMITED**

TITLE OF WORK TO BE AWARDED:

Services for Condenser Overhauling for 5 Unit outages in 3 years

at

MUNDRA THERMAL POWER STATION (MTPS), GUJARAT

ENQUIRY REFERENCE NO.: 2500019597 & 2000084537

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Enquiry reference no.: 2500019597 & 2000084537
Title of Work: Services for Condenser Overhauling for 5 Unit outages in 3 years at Tata Power-Mundra.
Type of Bidding: E-tendering (through Ariba online portal) / Two Part (Technical and Price bids under separate envelopes)
Contact Details: All communication including EOI submission shall be addressed to following officer/s: Name: Mr. Premkumar G Email: premkumar@tatapower.com Copy of all communications shall be marked to (Cc): Name: Mr. Aseemkumar Joshi Email: aseemkumar.joshi@tatapower.com

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

Package Details	Tender Fee	Bid Security
Services for Condenser Overhauling for 5 Unit outages in 3 years at Tata Power-Mundra.	INR 2000/- (INR Two Thousand Only). <i>To be submitted along with EOI.</i>	INR 1,00,000/- (INR One lakh 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:

2.1 Condenser scaffold, water box repair work and assistance in FRE lining and glass flake coating job.

- Scaffolding erection for man way opening and external patchwork. Scaffolding materials will be with contractor scope. Good quality scaffold materials to be used.
- Opening and closing of water box manholes (including debris filter top man way, Condenser outlet line manholes near Debris filter pit and condenser O/L and OLTCS man way).
- Cleaning and Preservation of fasteners with rustolene or any other cleaning agents for final box up.
- Scope of work: from condenser I/L valves to condenser O/L valves to considered. Pipe repair and assistance (Scaffold, etc.) to other agencies for coating job, shall be considered in job scope.
- Air cleaning of water box tubes with compressed service air for internal coating requirement. Water box must be free from water and moisture to be ensured by contractor. Air hose and other accessories will be with contractor.
- External Patch work on leakage points in water box and conduits. Welding machine, welding electrodes and other consumables will be with contractor. MS plates will be supplied by MTPS. However, cutting and edge preparation will be done by contractor.
- Access ladders inside water boxes to be checked, and damaged bars to be repaired/replaced.
- Water box grating removal/lifting/shifting and repairing with welding.
- Scaffolding erection inside the water box and conduit for internal coating. Modification of scaffolding inside water box required for coating.
- Restoration and strengthening of condenser water box resting platform with 2" SS pipe.
- Shifting of condenser tube plugs from store to site and return of the same after job completion. Losses or damage to be taken care of by contractor.
- Erection/Removal/Modifications of scaffolding inside & outside water box wherever required to carry out FRE lining work and water box repair work.
- Restoration of gratings and locking of the same by SS bolts. Plate washers (16mm thick) to be prepared and FRE coating to be done for locking of the same.
- Servicing of OLTCS Inlet and outlet diaphragm valves. Dismantling of valves, internal inspection of diaphragms, greasing and box up of valves. Total 16 Numbers.
- Water boxes drain flanges to be checked and flanges/spools to be replaced if required.
- Water boxes drain valves& lines to be checked, inspection and servicing/replacement to be done.
- Water box vents and priming pump suction line to be checked and piping/valves to be replaced wherever required.
- Instrument line tapings to be replaced and other vents and train lines to be replaced.
- OLTCS O/L nozzles to condenser inlet pipes to be inspected for lining damage. Repair of same to be done by contractor.
- Air cleaning of tubes after water jet cleaning. Water jet cleaning will be done by another agency.
- 100 percent air cleaning to be ensured and no water inside the tubes to be ensured before commencement of the condenser fill test.
- Required arrangement to be done for condenser fill test.
- Internal inspection and checking for water seepages in water box tubes to be done by contractor for final clearance.
- Final restoration and box up of condenser.

- Returning of scraps and post job housekeeping to be ensured.
- Entire job to be carried out in 20 days.

2.2 Removal/Re-installing of Actuators of MOV's (Motor operated Valves):

- Actuators to be removed as per instruction from IMD engineers. The tentative number will be 30; however, the number may vary depending upon the condition (after inspection by MTPS-IMD engineer).
- Use of suitable certified tools and tackles for removal of actuators.
- Removal of actuators safely.
- Installation of the actuators after IMD/EMD clearance.
- Scaffolding preparation/removal wherever required to carry out the work. Scaffolding material will be with contractor.

2.3. Condenser Tube cleaning by Hydro jet Method.

- Vendor will have to carry out cleaning of condenser tubes by hydro jet method max 150 bar as per attached procedure.
- Tools, tackles & machines required to carry out job will be in vendor's scope.
- Maintenance of vendor's equipment's will be in scope of vendor.
- Job will be carried out on 24-hour basis.
- Job to be completed within 04 days.
- Vendor to mobilize adequate manpower and machines to complete the job within 04days.
- Mobilization, food, accommodation, transportation, and other expenses will be in scope of vendor.
- Vendor must get all electrical equipment's certified by MTPS-EMD before starting the job.
- Vendor must strictly adhere to Tata power safety norms as working inside condenser is a confined space.
- Vendor has to take care of his equipment's, M/S MTPS will not be responsible, and no compensation will be paid.
- Vendor shall depute a dedicated supervisor at site with working mobile for all types of communication.
- Vendor has to ensure all statutory compliance are in place before commencement of work.
- Scaffolding required for the job.
- Arrangement for ventilation inside condenser.
- Supply of power and lighting arrangement.
- Condenser inlet and outlet manhole opening will be in vendor's scope.

2.4. Scaffold preparation inside condenser outlet conduit

- Scaffolding height will be limited to 9 meters height.
- Erection of scaffold is to be completed within 2 days after receipt of permit.
- Removal of scaffold is to be completed within 1 day as per instruction of MTPS Engineer.
- Supply and transportation (to and fro) of scaffolding material including aluminum ladders at site.
- Vendor shall mobilize at short notice through email or telephone by The Instruction of Engineer, maximum within 12 hours.
- Provide suitable metal planks wherever necessary as per the instruction of engineer.
- Steel tubes for scaffolding shall be heavy class welded or seamless tubes of 40 mm nominal bore conforming to IS 1161.
- Clamps shall be either straight clamps or cross clamps.

- The scaffolding shall be removed after the required job is completed, at the instruction of engineer.
- Vendor shall arrange their own material, tools & tackles required to do the job.
- Vendor shall depute a dedicated supervisor at site with working mobile for all types of communication.
- Erected Scaffolding to be certified by MTPS safety personal.
- Vendor must strictly adhere to Tata power safety norms as working inside condenser outlet conduit is a confined space.
- Vendor must follow confined space procedure as per TATA power safety norms, Same will be explained & shared in detail during negotiation.
- Dewatering of residual water inside outlet conduit with dewatering pump (capacity Min. 3hp) will be in vendor's scope.

2.5 Coupling/Decoupling of pump & motors, Removal of pump motor from base, re-erection of motors, alignment of pumps & motor trial run.

- Use of suitable certified tools and tackles for removal of motors.
- Scaffolding preparation/removal wherever required to carry out the work. Scaffold material will be in the scope of vendor.
- Removal of coupling guard and coupling. Repair of coupling guard in case of damage.
- Coupling puller to be used for removing coupling.
- Decoupling/coupling of motor with pump. Coupling pins and coupling to be kept with vendor custody till final box up.
- Care to be taken during removal/ lifting/ shifting of motor. Damage to equipment during job execution will be penalized.
- Cleaning of base frame and fasteners.
- Replacement of old shims with new SS shims.
- Blue matching of motor base as per condition of the base.
- Alignment of motor with pump. Reading to be witnessed by MTPS engineer.
- Dial gauges, general tools, and tackles, lifting tools and tackles, alignment fixtures, including bearing puller, bearing heater, other materials and consumables required will be with contractor.
- Trial Run.
- Replacement of pump parts as directed by MTPS engineer.
- Job to be supervised by qualified Engineer with experience in centrifugal pump maintenance.
- Work men team should consist of millwright fitter and experienced rigger.
- Individual work report to be submitted to MTPS Engineer daily.
- Final report with measurements taken to be submitted to MTPS engineer.
- Hydra will be in the scope of vendor (If required)

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
- Must Mark a copy to (Cc): 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:	10th May'2025, CoB

- 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 Demonstrate experience in successfully completing overhauling of condenser system maintenance/ overhaul similar in scope and complexity to the one being tendered. Especially in sea water system Unit size of 660 MW or above of Pulverized fuel Indian/imported coal bases power plant or any other similar industry.
- 4.1.2 Bidder shall provide 2 purchase orders of similar experience as above in last 5 years of PO value not less than 50 lakhs/ year. Bidders should submit successful order completion certificate along with respective PO. This list should include brief project descriptions, the type and size of power plant, and the current operational status of each project.
- 4.1.3 Bidder must have competent & sufficient manpower gang & tools tackles for attending the condenser system overhauling works.
- 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. 2 Crore (Indian Rupees Two Crore 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.