



Industrial Energy Limited

OWNER:

INDUSTRIAL ENERGY LIMITED

PROJECT MANAGER:

INDUSTRIAL ENERGY LIMITED

PROJECT:

Annual Overhauling of the Boilers unit # 1, 2 & 3 and tube repair jobs to be considered for next 3 years

TENDER REF: (IEL/MMD/AD/2025-26/ 2000089730)

Annual Overhauling of the Boilers unit # 1, 2 & 3 and tube repair jobs to be considered for next 3 years in IEL plant, Kalinganagar, Odisha

EXPRESSION OF INTEREST (EOI)

Annual Overhauling of the Boilers unit # 1, 2 & 3 and tube repair jobs to be considered for next 3 years in IEL plant, Kalinganagar, Odisha

Enquiry reference no.: - IEL/MMD/AD/2025-26/ 2000089730
Annual Overhauling of the Boilers unit # 1, 2 & 3 and tube repair jobs to be considered for next 3 years in IEL plant. Industrial Energy Ltd. C/O - The Tata Power Co. Ltd., Inside of Tata Steel Ltd., Kalinganagar, Jajpur , Jajpur Road , Duburi-755026, Odisha
Type of Bidding: E-tendering / Two Part
Contact Details: Mr. Arunava Das – Group Head-Contracts & Store, Mobile- 9099006572, Email Id:- arunava.das@tatapower.com Ms. Prabhakar Rao -Head Contracts & Materials, Mobile: 9223381531, Email Id:- urprabhakarrao@tatapower.com Industrial Energy Ltd. C/O - The Tata Power Co. Ltd., Inside of Tata Steel Ltd., Kalinganagar, Jajpur , Jajpur Road , Duburi-755026, Odisha

Maithon Power Limited (“Owner”) invites Expression of Interest (EOI) from interested parties for the Two-Part e-Tendering Process of following Relevant Package:

Plant Details	Description	Tender Fee	Bid Security (EMD)	Estimated total package value
Industrial Energy Ltd. C/O - The Tata Power Co. Ltd, Kalinganagar, Jajpur , Jajpur Road , Duburi-755026, Odisha	Annual Overhauling of the Boilers unit # 1, 2 & 3 and tube repair jobs to be considered for next 3 years in IEL plant.	INR 2,000/-	INR 1,86,000/-	Rs. 1.86Cr/-

INTRODUCTION:

Industrial Energy Limited (IEL) is the JV (Joint Venture) of TATA POWER & TATA STEEL, it was formed for Generation and supply of power and process steam by utilization of waste gases from Blast furnace and coke oven of TSL plant at Kalinganagar.

Site Name	67.5 MW X 3 units - IEL, Kalinganagar
Owner	Industrial Energy Limited
Project Manager	Industrial Energy Limited
Site Location	Industrial Energy Ltd. C/O - The Tata Power Co. Ltd., Inside of Tata Steel Ltd., Kalinganagar, Jajpur , Jajpur Road , Duburi-755026, Odisha, India
Nearest Railway Station	Jajpur Keonjhar Road, Odisha. Appx. 21 kilometres from TSL Kalinganagar plant.
Transport Mode	Rail/Road. Nearest Airport at Bhubaneswar. Appx.120 km away from plant location and guest house.

1. Brief Scope of Work (Details scope is publishing website):

SCOPE OF WORK FOR 3 X 67.5 MW GAS BASED CAPTIVE POWER PLANT (CPP-1) FOR INDUSTRIAL ENERGY LTD (IEL) AT KALINGANAGAR, ODISHA.

Boiler Details:

Boiler Capacity: 220 TPH Gas Fired Boiler

Type Make Pressure Temperature: Thermax Ltd 132 kg/cm² 540 ± 5 Deg C

Carry out overhauling & repair of boiler pressure parts at IEL Kalinganagar for

Boiler-1: OR1599 (20-11-2014)

Boiler-2: OR1629 (18-12-2014)

Boiler-3: OD 113 (25-08-2016)

Major job includes.

1. All Manhole Opening & Box-up with supply of proper sealing non asbestos materials (vendor scope).
2. Economiser tubes cleaning. Eco hanger welded joint inspection.
3. Hydro jet cleaning of furnace tubes, economiser, super heaters, APH below economiser. Convection bank modules.
4. Boiler tube thickness checking and submission of the thickness report with comparison of the readings year on year.
5. Opening and closing of all the drains and hoppers and ensuring the passes remain choke free.
6. Safety Valves servicing and support in safety valve setting.
7. Boiler tube leakage repair by welding (If any) as per the IBR
8. Both internal and external hydrotest of Boiler as per the IBR recommendations (multiple

times) to get the final certification by IBR authority.

9. Refractory work inside Furnace as per the manufacturer Refractory application.

10. CBD & IBD tank internal inspection, Cleaning & box-up.

11. Drum inspection, cleaning & boxed up with new gasket.

12. IBR Lesioning.

Special Comment: -

1. Service providers has to aligned with Tata Power Quality, environment and safety policy. Any deviation will subject to severe action.
2. Time and Quality is the essence of the contract. The Contractor shall ensure that the overhauling including inspection by IBR authority covered in scope of work will be conducted within 10 days (from manhole door opening to closing) with best of the skill and the know-how available with the contractor and will be carried out in conformance with the clearance and adjustment set forth in the manufacturer drawing / quality requirement and other information.
3. The contractor shall furnish the Actual Bar chart against the planned bar chart for the work to be carried out. Daily monitoring of the work progress shall be done. Vendor has to adhere to shutdown schedule without fails.
4. In case contractor fails to execute the job in accordance with the agreed programme, IEL reserves the right to get it done through other party at risk and cost of the Contractor.
5. Guarantee/Warranty- The work carried out shall be guarantee for FOUR months from the date of commissioning of the system. If any defect is observed in the equipment which can be attributable to poor workmanship, it has to be attended free of charge. For that contractor has to mobilize the manpower when the shutdown is available.
6. Contractor has to keep their key personnel during the start-up/ commissioning of the system /Equipment and shall attend the defect, if observed due to poor workmanship. The contractor key personnel shall remain at site for minimum three days after the commissioning of the system.
7. It is responsibility of the contractor to maintain the housekeeping of the plant, equipment and the surrounding during and after the work.
8. The contractor shall be responsible for shifting of the material /spares from the stores to the site and return of the damaged spare /scrap to designated place. For shifting if lifting equipment is available that shall be provided.
9. All Portable Power Tools & Lifting Tools must have age less than 3 years from date of manufacturers to be used. The Contractor shall be responsible maintaining their tools /tackles/material brought for operation and maintenance work. No payment in any form or compensation, whatsoever, shall be made to the Contractor against any damage, loss and breakdown of such tools & tackles of the contractor.
10. All the Personal Protective equipment shall be complied to required standard & its under scope of vendor. All the full body double lanyard must have age less than 3 years from date of manufacturers to be used.

2. TENDER FEE & TIMELINES:

- a) Interested parties meeting the pre-qualification criteria specified elsewhere in this document can request for Bid Document and participate in the bidding process by submitting their Expression of Interest (EOI) and credentials along with the Tender Fee not later than 30th Nov 2025. Request for Bid Document/EOI will be not be entertained EOIs submitted beyond this deadline may be liable for rejection.

b) Non-Refundable Tender Fee, as indicated in table above, in the form of direct deposit in the following bank account and submit the receipt along with a covering letter clearly indicating the Tender Reference number

Details for payment of Tender Fee:	
Bank details for submitting Tender fees through bank transfer / NEFT:	Beneficiary Name - Industrial Energy Limited Bank Name - HDFC Bank Ltd Branch code - 000706 IFSC code - HDFC0000706 A/c No - 07060310000021 Branch - Jajpur Road Branch MICR code - 755240102
Deadline for tender fee payment and submission of EOI:	30th Nov 2025

It may please be noted that all future correspondence will be strictly done only with Interested Bidders who have done the above steps in time with Authorized Person only through MPL E-Tender System.

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.

3. BIDDER PRE-QUALIFICATION CRITERIA:

Interested parties to note that Bidder shall be required to fulfill the following conditions and submit relevant supporting documents for each of the following criteria along with the Bid. Bidder must fulfill the following bidder pre-qualification requirement / criteria in order 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.

Bidders having the following criteria shall only be considered, to be qualified in the Techno-commercial Bid.

1. The Bidder must have been categorized as special class repairer of Boiler U/R 392 of Indian Boiler regular on by Directorate of Factories & Boilers, Odisha. The bidder must be IBR approved agency with valid License. Approved documents in the name of the agency, from concerned IBR approving authority, to be submitted along with bid documents.
2. The bidder shall be a Proprietary firm/Partnership firm/a firm (private, Public, Govt) registered under Company Act. (Relevant certificate to attached)

A. Technical Requirements

1. Experience

- Must have worked on power plant boiler capacity of 60MW or single unit with steaming capacity of 220TPH or above.
- Must have executed Minimum Two (2) Contract works for annual maintenance contract/overhaul/erection of 60MW (Or single unit with steaming capacity of 220 TPH or above) capacity boiler in last Three (3) years, out of which at least one Contract work must have been executed within last two years. Relevant Order copies should be submitted in support to the same. The contracts must have been executed directly (neither through sub vendor nor as sub vendor)

2. Certifications

- Bidder/Tenderer should preferably have ISO 9001/ ISO 14001/ ISO 45001 certification or must give an undertaking for its willingness to obtain the same within 2 months of qualification for the work.
- Bidder/Tenderer must be registered with GST, EPFO & ESIC Authorities and should have a valid EPFO & ESI Registration Number issued by respective authorities, ready to extend the codes to Kalinganagar. (Attach self-attested photocopy of Registration)
Bidder/Tenderer must have all applicable statutory registrations/certificates. No pending legal cases/defaulters related to IT, GST, EPFO and ESIC payment/taxes.

B. Financial Requirements

1. Annual Turnover:

- The vendor should have a minimum annual turnover of ₹2 Crores for the last 3 financial years, supported by audited financial statements.
- Positive net worth and profitability in the last 3 financial years.

2. Solvency Certificate

- A solvency certificate from a nationalized or scheduled bank certifying the financial stability of the vendor.
- Must Not have been disqualified/blacklisted in any public/Govt sector during the last 05 (Five) years for the similar nature of job. (Contractor's Self Certification).

C. Statutory Compliance and Safety Standards 1. Health, Safety, and Environment (HSE)

Compliance

- The vendor must adhere to all applicable health, safety, and environmental regulations.
- Insurance Certificates: Vendors must have valid insurance coverage, including liability and

workers' compensation insurance.

D. Legal Compliance

- The vendor should not have been blacklisted or involved in any litigation related to its professional conduct in the past 5 years.

E. Document Submission Requirements

The vendor must submit the following documents to qualify:

- Company Profile, including key management and technical staff details.
- Copies of relevant certifications, licenses, and safety certifications.
- Audited balance sheet including Profit & Loss statement for the previous three completed financial years reckoned from the date of application.
- Details of completed Annual overhaul projects with client references, including project scope, methodologies used, and outcomes.
- List of equipment and tools intended for use in the project.
- Bank solvency certificate.
- HSE Policy and past safety record-Fatal and LTIFR for previous three years.

4. **SAFETY REQUIREMENT:**

- a) Safety Records---Please provide safety record for last three years.
- b) OHSAS :18001or 45001 Certificate
- c) ISO 14001 ,9001 Certificate.
- d) Safety officer Qualification and Experience Certificate.
- e) List of Tools & Tackles---Please mention tools make a capacity.
- f) Hazard Identification and Risk Assessment/Job Safety Analysis.
- g) Contractor's Safety Terms and Conditions
- h) Safety Bid Document.

5. **BID SECURITY/EMD (To be submitted along with RFQ and not with EOI):**

Interested parties to note that Bidder is required to furnish a Bid Security along with their Bid (only during Bid Submission stage), as a Bank Guarantee (in the format prescribed in Bid Document) or as NEFT/RTGS/DD for an amount of INR 1,86,000/- (INR: One Lakh Eighty-Six Thousand Only). 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.