



## **Industrial Energy Limited**

**OWNER:**

**INDUSTRIAL ENERGY LIMITED**

**PROJECT MANAGER:**

**INDUSTRIAL ENERGY LIMITED**

**PROJECT:**

- A. Supply, Erect, Modify & Dismantle the Scaffolding for Safe Operation and Maintenance as & when Required Basis.**
- B. Supply, Repairing, Fabrication and Application of Insulation and Aluminium Cladding Sheets.**

**TENDER REF: (IEL/MMD/AD/2025-26/ 2000090131)**

- C. Supply, Erect, Modify & Dismantle the Scaffolding for Safe Operation and Maintenance as & when Required Basis.**
- D. Supply, Repairing, Fabrication and Application of Insulation and Aluminium Cladding Sheets.**

**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**

<b>Enquiry reference no.:</b> - IEL/MMD/AD/2025-26/ 2000089730
<b>a. Supply, Erect, Modify &amp; Dismantle the Scaffolding for Safe Operation and Maintenance as &amp; when Required Basis.</b> <b>b. Supply, Repairing, Fabrication and Application of Insulation and Aluminium Cladding Sheets.</b> <b>Industrial Energy Ltd. C/O - The Tata Power Co. Ltd., Inside of Tata Steel Ltd., Kalinganagar, Jajpur , Jajpur Road , Duburi-755026, Odisha</b>
<b>Type of Bidding:</b> E-tendering / Two Part
<b>Contact Details:</b> Mr. Arunava Das – Group Head-Contracts & Store, Mobile- 9099006572, Email Id:- <a href="mailto:arunava.das@tatapower.com">arunava.das@tatapower.com</a> Ms. Prabhakar Rao -Head Contracts & Materials, Mobile: 9223381531, Email Id:- <a href="mailto:urprabhakarrao@tatapower.com">urprabhakarrao@tatapower.com</a>  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:

<b>Plant Details</b>	<b>Description</b>	<b>Tender Fee</b>	<b>Bid Security (EMD)</b>	<b>Estimated total package value</b>
Industrial Energy Ltd. C/O - The Tata Power Co. Ltd, Kalinganagar, Jajpur , Jajpur Road , Duburi-755026, Odisha	<b>A. Supply, Erect, Modify &amp; Dismantle the Scaffolding for Safe Operation and Maintenance as &amp; when Required Basis.</b> <b>B. Supply, Repairing, Fabrication and Application of Insulation and Aluminium Cladding Sheets.</b>	INR 2,000/-	INR 41,000/-	Rs. 0.41Cr/-

## **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.

<b>Site Name</b>	67.5 MW X 3 units - IEL, Kalinganagar
<b>Owner</b>	Industrial Energy Limited
<b>Project Manager</b>	Industrial Energy Limited
<b>Site Location</b>	Industrial Energy Ltd. C/O - The Tata Power Co. Ltd., Inside of Tata Steel Ltd., Kalinganagar, Jajpur , Jajpur Road , Duburi-755026, Odisha, India
<b>Nearest Railway Station</b>	Jajpur Keonjhar Road, Odisha. Appx. 21 kilometres from TSL Kalinganagar plant.
<b>Transport Mode</b>	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):**

- i. Supply, Erect, Modify & Dismantle the Scaffolding for Safe Operation and Maintenance as & when Required Basis.**
  - a. Party has to understand the detailed job scope and take a visit to site before submitting quotation to purchase department.
  - b. The vendor shall Supply, Erect, Modify & Dismantle the scaffolding structure as and when required as per the IEL engineer instruction.
  - c. Scaffolding structure must be erected as per the IS:3696-1&2-1991 Scaffolds and Ladders - Code of Safety/ TATA power working at height safety procedure.
  - d. The material to be used for the scaffolding shall be as new & free of rust/bends/sharp edge and the integrity of the material shall be checked by IEL engineer. The material rejected by them is to be replaced by the contractor.
  - e. Vendor's material to be colour coded to identify the owners of scaffolding material & should not interchange with IEL or other vendor's scaffolding materials.
  - f. As the scaffolding erection job is purely as and when required basis, hence there may be possibility of manpower getting idle/unused for certain period without any extra cost. Vendor should consider the same.
  - g. The vendor should deploy the Site supervisor as a Competent Person with high degree of supervising skills of Erection, Modification & Dismantling of Scaffolding.
  - h. The personnel deployed for installation of scaffolding should have experience in installation and removal of the scaffolding in Power industry of similar capacity. They should be capable of working at height with safety. All the personnel who will be deployed has to submit the competency certificate exhibiting the capability /competence to do the job of installation & removal of scaffolding from certified agency.

- i. Working personal must undergo work at height & confined space (L2) training before deputed for work. In addition to that working personal must undergo height pass test conducted by TATA Steel, Kalinganagar.
- j. The contractor shall follow prevailing IEL permit to work system during execution of maintenance job. Each job must be carried out in presence of individual competent supervisor. He should have a copy of work permit before starting any work. TATA POWER engineer/safety officer shall have the right to intervene at any stage of the execution of a work.
- k. Tool-box-Talk (TBT) & Last-Minute Risk Assessment (LMRA) mandatory for each work. Every individual must follow TATA power working at height procedure. Mobile phone strictly prohibited during scaffolding or any other height work job.
- l. IEL will provide the area for keeping the scaffold materials. However, vendor will be solely responsible for keeping materials in safe way. IEL will not responsible for any theft, damage of the materials.

## **ii. Supply, Repairing, Fabrication and Application of Insulation and Aluminium Cladding Sheets.**

### **1. Supply of insulation & cladding sheet material**

- a. Supply of insulation & cladding sheet material Light resin bonded Rockwool/stone wool mattress as per ISO:8183 stitched on galvanised wire mesh with 1 inch aperture to minimise the thermal transmission through wire. Thickness of mattress as per the application 25Thk, 40thk, 50Thk, 65Thk,75Thk,100Thk etc. Density of mattress is 100kg/m<sup>3</sup> & 150kg/m<sup>3</sup> as per the applications. (Up to 3990C-100kg/m<sup>3</sup> & above 4000C-150kg/m<sup>3</sup>). Wool to be procured only from reputed vendor. Material to be supplied along with required supporting documents. Material must be stored in proper location to protect from damage, breaking or water ingress. Declaration from supplier for “non-carcinogenic & bio-soluble material” is required. The material should be of water repellent grade, moisture absorption should be less than 1% weight as per ISO 3144 & water absorption less than 1Kg/m<sup>2</sup> as per EN1604.
- b. Plain Aluminium cladding sheet of 20SWG & 22SWG as per IS 737 according to the application.
- c. Annealed SS 304 binding wire of 20SWG gauge.
- d. Self-tap screws SS 304 material of size No.8x19mm long, rivets.
- e. GI Holding flat 25mmx3mm for vertical pipe works.
- f. Galvanized steel (GS) support ring of (as per standard) for vertical pipe insulation works.
- g. Galvanized steel (GS) Lagging band of size 20mm wide of 20SWG
- h. Supply of GI pin for wool holding/support with split washer (All size of pin)
- i. Adhesives and sealants-Hard setting compound as per the application
- j. Anti-Corrosive paint Zinc rich (high temp resistance ≈ 5000 Cen & application accessories).

### **2. Fixing of Rockwool Insulation/lagging material (IS 14164:2008)**

- a. Ensure all piping surfaces are clean, dry, and free from oil, dust, or rust.
- b. Apply anti-corrosive, High temperature coating before insulation.
- c. Cut and fit pre-formed Rockwool sections onto the piping. Ensure tight fitting to avoid gaps, ensuring continuous insulation coverage.
- d. Thickness of the insulation as per the drawing and schedule of pipe (Recommended by OEM).

### 3. Jacketing of insulation materials (cladding)

- a. Cladding Preparation: Cut and shape Aluminium sheets as per pipe diameter and insulation thickness.
- b. Joints of the sheet shall be tongue & grooved joints & shall overlap from top to bottom to prevent water ingress.
- c. Wrap the aluminium cladding over the insulation and secure with tapping screws at 300mm pitch. Use overlapping joints (minimum 50mm) to ensure weatherproofing.
- c. All the sealing of longitudinal & circumferential joints shall be carried out.

### 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 30<sup>th</sup> 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:	<b>Beneficiary Name - Industrial Energy Limited</b> <b>Bank Name - HDFC Bank Ltd</b> <b>Branch code - 000706</b> <b>IFSC code - HDFC0000706</b> <b>A/c No - 07060310000021</b> <b>Branch - Jajpur Road Branch</b> <b>MICR code - 755240102</b>
Deadline for tender fee payment and submission of EOI:	<b>30<sup>th</sup> Nov 2025</b>

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.

## **A. Technical Requirements**

### 1. Experience

- The vendor must have a minimum of 3 years of experience in conducting thermal insulation and scaffolding erection Activity.
- Completed at least 5 no's thermal insulation and cup lock scaffolding projects for within the last 5 years.

### 2. Certification

- Certified by ISO 9001-2015 (Quality Management) and ISO: 45001-2018
- All the person working at height must have vertigo test certification.

## **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 41,000/- (INR: Forty-one 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.