



**OWNER:
MAITHON POWER LIMITED**

**PROJECT MANAGER:
MAITHON POWER LIMITED**

**PROJECT NAME:
OVERHAULING OF BOILER FRONT PASS (Pass-I)-AOH of Unit-2, MPL**

MAITHON POWER LIMITED (MPL), JHARKHAND - INDIA

**ENQUIRY REFERENCE NO:
MPL/MMD/RKS/2024-25/2000072661**

EXPRESSION OF INTEREST (EOI)

**OVERHAULING OF BOILER FRONT PASS (PASS-I) -AOH OF UNIT-2 AT 525 X 2 MW
THERMAL POWER PLANT.**

Enquiry reference no.: - **MPL/MMD/RKS/2024-25/2000072661**

Name of Package: OVERHAULING OF BOILER FRONT PASS (Pass-I) -AOH of Unit-2 AT 525 x 2 MW THERMAL POWER PLANT

Type of Bidding: E-tendering / Two Part

Contact Details:

Mr. Ravi Sharma - Lead Associate-Contracts, Mobile-7739222261, Email Id: - ravisharma@tatapower.com

Ms. Jayashree Choudhury-Head Contracts & Materials, Mobile: 9234550658, Email Id: - choudhuryj@tatapower.com

Maithon Power Ltd., (A Joint Venture Company of Tata Power & DVC), Works: Village Dambhui, P.O. Barbindia, P.S. Nirsa, District Dhanbad 828 205, Jharkhand, India

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

Description	Bid Security (EMD)	Tender Fee	Est. Package Value
OVERHAULING OF BOILER FRONT PASS (Pass-I) - AOH of Unit-2.	1% of package value	₹ 2,000/-	₹105 Lacs

1. INTRODUCTION:

Maithon Power Limited (MPL) is a 74:26 joint venture of The Tata Power Company Limited and DVC (Damodar Valley Corporation). MPL owns and operates 2x525 MW capacity, Indian coal based thermal power generation plant based on pulverized coal-based boiler technology. The generating plant is in Maithon near the city of Dhanbad in the state of Jharkhand in India. A brief overview of Owner and Site is given below:

Site Name	2 X 525 MW Maithon Thermal Power Plant
Owner	Maithon Power Limited
Project Manager	Maithon Power Limited
Site Location	Maithon, Dhanbad district, Jharkhand, India, on the right bank of the river Barakar in the Nirsa-cum-Chirkunda C.D. Block of Dhanbad district, Jharkhand at a road distance of about 7.5 km from Nirsa, North of G.T. Road (N.H.2) and 10 km north of Mugma railway station on the Howrah Mughalsarai Grand Chord line of the Eastern Railway. <ul style="list-style-type: none">➤ Latitude: 23 deg 49' - 38" N➤ Longitude: 86 deg 45' - 41" E
Elevation Above Mean Sea Level	156 m to 177 m above Mean Sea Level
Access to Site	<ul style="list-style-type: none">➤ Road: About 7.5 km north of G.T. Road Nearest town is Nirsa➤ Rail: Nearest Railway station – Mugma railway station.

2. Specification of the Material:

Following shall be the pre-qualification requirement (PQR) for the bidders.

SCOPE OF WORK-

Front Pass (Pass- 1) Includes,

Complete Cup lock scaffolding, Boiler Drum(1No.), Bottom ring Headers (04 Nos.), Coal & Oil Burner assembly, Rear arch enclosure (Doghouse), Bottom enclosure (Cat house) front and rear, CBD Tank (1 No.), IBD Tank (1 No.), BCW emergency Tank (1 No). Complete Coal, air and oil compartment assemblies (4 Nos.), Burner & burner tilt arrangement, SADC dampers Boiler pressure parts (WW Screen, BP front hangers and LTSH terminal assembly).

OVERHAULING OF BOILER FRONT PASS				
SR NO	CODE	JOB DISCRPTION	UOM	QTY
10		Complete Cup-Lock scaffolding		
10.10	4076132	MECH, Scaffoldings work with material	EA	1
20		Inspection & correction of Drum internal		
20.10	4167713	INSP AND CORR OF DRUM INTERNALS	EA	1

30	Bottom ring header inspection and correction				
30.10	4167714	BOTTOM RING HEADER INSP&CORRECTION	EA	1	
40	CBD, BCW emergency tank and IBD Tank Inspection				
40.10	4167715	CBD, BCW & IBD TANK INSP & CORR	EA	1	
50	MECH, Overhauling of burners and Aux				
50.10	4062945	MECH, Overhauling of burners and Aux	AU	1	
60	Fixing of Shields (BPFH, SCREEN, Terminal)				
60.1	4087135	Fixing of Shields at Bend Tubes	M	600	
60.2	4268965	Shield Argon Run welding	M	400	
60.3	4165264	Fixing of Straight Shield in back pass	EA	900	
70	Cutting and Welding of Pressure Part Joints with RT				
70.10	4072062	Ultrasonic thickness	EA	8000	
70.2	4164219	LTSH WJ, Size OD 47.63X5.6 mm, SA213 T11	EA	100	
70.3	4164220	BPFH WJ, Size OD 51X6.3 mm, SA210 Gr C	EA	300	
70.	4164221	WW Screen WJ, OD 63.5X7.1 mm, SA210 Gr C	EA	100	
80	Refractory Work				
80	4165265	Refractory Work (Castable/Plastic)	MT	20	

DURATION: Total duration of Contract is 26 Days from issue of permit to Hydrotest. Time is the essence of the contract. Vender to ensure timely completion of all activities. Tentative Outage start date is **01/11/2024**.

TECHNICAL CRITERIA:

1. The bidder should have successfully executed and completed as a prime contractor at least two single contracts for **Boiler Pressure part Overhauling for not less than 250MW Unit** of order value not less than Rs. 0.75 Crores (Rupees Seventy-Five Lakhs only) each order, in a single year, during any one of the preceding two years (2022-23, 2023-24) in any Central government /PSU /Tata Power units.
2. The Bidder should have executed Boiler Drum inspection in Boiler of not less than 250 MW. Credential/ Record for the same needs to be furnished with the offer.
3. The Bidder should have executed complete Furnace Scaffolding Erection and dismantling work in Boiler of not less than 250 MW. The scaffolding should be erected from Furnace Bottom S-panel at the bottom and extend up to Boiler Roof. Bidder should furnish at least 2 orders Credential/ Record for the Furnace scaffolding work with the offer.
4. The Bidder should have executed Burner and SADC inspection and overhauling work (including Burner Nozzle and Tip replacement) in Boiler of not less than 250 MW. Bidder should furnish at least 2 orders Credential/ Record for the Burner overhauling work with the offer.
5. The Bidder should have executed welding of T11 alloy steel materials and CS material (SA 210 GR C) of minimum quantity of 500 joints in single order and overhaul completion within 26 days period. Credential/ Record for the same needs to be furnished with the offer.
6. The Bidder should be registered with IBR authorities and approved from Local IBR authorities for execution of above-mentioned orders.

7. The Bidder should have similar work experience of executing Annual Overhauls of Thermal Power Plants either in NTPC or Tata Power Divisions. Bidder should be able to furnish PO from NTPC/ Tata Power for the same.

FINANCIAL CRITERIA:

1. The average annual turnover of the bidder shall not be less than Rs. 2.0 Crores (Rupees Two crores only) for the preceding two financial years (2021-22, 2022-23).
2. The financial net worth of the bidder shall be positive as per the latest audited annual report.

DOCUMENTS REQUIRED WITH BID FOR FINANCIAL CRITERIA

The bidder shall in his own interest, furnish complete documentary evidence to justify that he meets the 'Bidder Qualification Criteria' as given above. The bidder shall submit the following documents also along with the tender.

- 1) Bidder shall submit valid PF, Service Tax registrations and PAN.
- 2) Bidder shall furnish Annual reports containing Audited Balance sheets with Profit and Loss Accounts statements of the preceding 3 **(Three) financial years viz. (2021-22, 2022-23 & 2023-24)** along with the bid to establish Bidder's conformance to Experience and Financial Criteria mentioned above.
- 3) All documents furnished by the bidder in support of meeting the financial criteria of PQR shall be duly certified by a practicing Chartered Accountant (not being an employee or Director or not having any interest in the bidder's company/firm) where audited accounts are not mandatory as per law.
- 4) Bidder shall furnish ISO:9001, ISO:14001 & OSHA:18001/ISO:45001 issued by accredited body.
- 5) Submission of authentic documents is the prime responsibility of the Bidder.
- 6) MPL reserves the right of getting the documents submitted by the bidder, cross verified from the document issuing authority. Failure to meet the above Bidder Qualification Criteria will render the bid to be summarily rejected. Therefore, the bidder shall in his own interest furnish complete documentary evidence in the first instance itself along with their bids, in support of their fulfilling the Bidder Qualification Criteria as given above. MPL reserve the right to complete the evaluation based on the details furnished by the bidder, with or without seeking any additional information/ documents.

3. 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 of Rs. 2,000** to be submit **not later than 22nd April 2024**. Request for Bid Document/EOI will be entertained beyond this deadline.

- b) Interested parties to submit Non-Refundable Tender Fee (contact details mentioned above), as indicated in the table above, in the form of direct deposit in the following bank account along with a covering letter duly stamped and signed by an authorized signatory clearly indicating the Tender Reference number, your EOI to participate in the tendering process and indicating name of authorized person, contact number / e-mail id (mandatory) on Bidder's letterhead. It is mandatory to mention Tender Reference no. in the said letter.
- c) 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**.

Beneficiary Name – **Maithon power Limited**

Bank Name – **State bank of India**

Branch Name – **CAG, Mumbai (09995)**

Address – **Neville House, 23 J. N. Heredia Marg, Ballard Estate, Mumbai-400001**

Branch Code – **09995**

Account No – **00000031828734113**

Account type – **CC**

IFSC Code – **SBIN0009995**

- d) Bidders to also submit duly signed and stamped letter indicating name of authorized person, contact number and e-mail id (mandatory) on Bidder's letterhead. It is mandatory to mention Tender Reference no. in the said letter.

Note: - Once the above-mentioned documents are received, detailed RFQ shall be issued through our e-tender system.

Interested Bidder has to get in touch with contact persons mentioned above at:- Maithon Power Ltd., (A Joint Venture Company of Tata Power & DVC), Works: Village Dambhui, P.O. Barbendia, P.S. Nirsa, District Dhanbad 828 205, Jharkhand, India.

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.

- e) Detailed Bid Document (also referred as RFQ) shall be issued through Tata Power e-tender portal only to the parties whose EOI meeting above mentioned requirements are received by the deadline mentioned above.

4.1) BID SECURITY: (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 **1,05,000/- (Indian Rupees One Lakh & Five 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.

Bidder shall be required to fulfill the following conditions and submit relevant supporting documents for each of the following criteria along with the Bid.

4.2) SAFETY REQUIREMENT:

- a) Safety Records---Please provide safety record for last three years.
- b) Valid OHSAS :18001 or 45001 Certificate
- c) Valid ISO 14001 ,9001 Certificate.
- d) Safety officer/ Supervisor Qualification and Experience Certificate.
- e) List of Machinery/ Tool & Tackle ---Please mention the detail of Machinery/ Tools and Tackles vendor is owning.
- f) Engineer/ Supervisor Qualification and his experience certificate. Min 05 Years' experience in Similar nature of job is mandatory.
- g) Scope of Work (Will be provides at the time of EOI at Tata Power site)
- h) Hazard Identification and Risk Assessment/Job Safety Analysis.
- i) Statutory & IR requirements for Service Contracts at MPL – Revised
- j) Service MPL General terms and conditions of Contract.
- k) Business Associates Safety Terms and Conditions- Revised
- l) Safety Bid Document.
- m) All other applicable safety clause followed/adopted by Jharkhand Government.

All other applicable statutory clause by Jharkhand Government/GOI.

5. 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.