



OWNER:

MAITHON POWER LIMITED

Project: Services for Coal Bunker Annual Overhauling at Maithon Power Limited (MPL), Jharkhand - India

TENDER REF: MPL/MMD/RK/2025-26/2000086734

EXPRESSION OF INTEREST (EOI)

Coal Bunker Annual Overhauling

Enquiry reference no.: - MPL/MMD/RK/2025-26/2000086734
Services for Coal Bunker Annual Overhauling at Maithon Power Limited (MPL), Jharkhand - India
Type of Bidding: E-tendering / Two Part Technical and commercial bid
Contact Details: Mr. Rabish Kumar Rai -Group Head Procurement, Mobile-9241581679, Email Id:-krabish@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. Barbendia, 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:

Plant Details	Description	Tender Fee	Bid Security (EMD)	Estimated total package value
2X525 MW Maithon Power Limited (MPL), Dhanbad, Jharkhand	Coal Bunker Annual Overhauling at Maithon Power Limited (MPL), Jharkhand – India	INR 2,000/-	1.6 Lakhs	Rs. 1.6 Cr

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. ➤ 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	➤ Road: About 7.5 km north of G.T. Road Nearest town is Nirsa ➤ Rail: Nearest Railway station – Mugma railway station.

1. Brief SCOPE OF WORK:

Details	Qty	Unit
Run welding job	10,000	M
Ultrasonic thickness	80,000	NO
Repairing of Duct by large size patches	200	M2
DYE PENETRATION TEST	1,000	EA

ROPE ACCESS SAFETY:

- 1.All rope access work will comply with **IRATA** international code of practice.
- 2.All equipment used- including harness, ropes, anchors and lifting devices must be certified by a rope access PPE inspector as per IRATA guidelines.
- 3.All rope access personnel will carry **two-way radios** or approved communication devices.
- 4.Rescue plan to be submitted by the supplier for TER clearance.

5.A full rescue drill to be conducted prior to job commencement to verify job readiness and team co-ordination.

2. TENDER FEE & TIMELINES:

- a) Interested parties meeting the pre-qualification criteria specified 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 specified date. Request for Bid Document/EOI will not be entertained beyond the 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/proof of payment to the mailing addresses provided, clearly indicating the Tender Reference number, and covering note.

Details for payment of Tender Fee:	
Bank details for submitting Tender fees through bank transfer / NEFT:	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
Deadline for tender fee payment and submission of EOI:	16th July 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.

- c) 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 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.

3.1. TECHNICAL REQUIREMENT:

The bidder should have successfully executed and completed as a prime contractor at least one single contract for **Coal Mill Bunker Overhauling or similar type of Job that involved welding of plates at**

heights using rope access of value not less than Rs. 25 Lacs (Rupees 25 Lakhs only) in any State government /Central government /PSU /Limited company.

3.2. EXPERIENCE REQUIREMENT

Vendors need to submit proper experience certificates with proof of work order execution or current work order and the work order must be from plant with capacity of minimum 210MW. Supplier to furnish Job order to carry out work of welding liners using rope access and its completion.

3.3. FINANCIAL REQUIREMENT:

1. The average annual turnover of the bidder shall not be less than Rs. 1.0 Crores (Rupees 1Crore only) for the preceding two financial years (2023-24 & 2024-25).
2. The financial net worth of the bidder shall be positive as per the latest audited annual report.

3.4. DOCUMENTS REQUIRED WITH BID FOR TECHNICAL/EXPERIENCE/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.

- a) Copies of similar type of work orders issued by client
- b) Copies of completion certificates issued by owner/client (Original)
- c) List of Jobs undertaken with details and values meeting the above conditions.
- d) 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.

OTHER DETAILS/DOCUMENTS REQUIRED FOR QUALIFICATION:

- 1) 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.
- 2) Bidder shall furnish ISO:9001, ISO:14001 & OSHA:18001/ISO:45001 issued by accredited body.
- 3) Submission of authentic documents is the prime responsibility of the Bidder.
- 4) 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.

4. 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

the specified amount in the table. 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.

COAL BUNKER ANNUAL OVERHAULING JOB SCOPE AND METHODOLOGY

The scope covers procedure for conducting run welding and plate welding (where defects are found) inside coal Bunkers.

1. Coal Bunkers – 8 Nos - Work Scope: Run welding and plate welding (if any defects found) using rope access techniques to access inside the coal bunkers at a depth of 30 meters - Run welding will be carried out up to 20 meters above the conical section of each bunker.
2. Thickness measurement of the Bunker Liners at sections. Liners needs to be replaced wherever the thickness has reduced below 2.5 mm.
3. DP test of the welded joints needs to be carried out. A maximum of 10% of the welded joints DP needs to be carried out.
4. Supplier will provide welding machines, Gas Cutting sets, rope access equipment, and skilled personnel and Rescue personnel to perform the welding operations.
5. All manpower required including 2 safety officers for the project will be mobilized as per the site condition. During AOH a maximum of 4 number of Bunkers will be provided for carrying out the shutdown job of run welding and plate fixing. During normal Unit Running conditions Bunker may be made empty and you will be called for the shutdown. Prior mail communication will be shared for mobilizing of manpower and required resources. However, if less bunker is provided during AOH, then rest of the Bunkers needs to be completed as when it will be provided by Operation Department. A maximum of 2-time mobilization for each FY to be considered.
6. AOH of the 4 Coal Bunkers to be carried out in a period of 26 Days.
7. Necessary Gate pass approvals need to be taken and manpower along with bending machine shall reach the site 7 days prior to AOH.
8. Plates/ Electrodes will be under MPL scope. The bending of the plates will be in Supplier's scope.
9. MPL will open the bunker and ensure it is in a clean and working condition, free from any gas. A gas test should be conducted to ensure safety.
10. Power supply will be provided by MPL.
11. Job required 24 V hand lamps, Halogens, extension boards, power tools will be at bidder's scope. It should be properly tested. It shall follow Tata Power Standards.

12. Bidder must follow all the safety rules of TATA power during shutdown activities.
13. Adequate manpower and T&P list should be submitted by bidder after conformation of PO. It should be finalized jointly as per job requirement.
14. Bidder must ensure proper housekeeping of all the areas during and after completion of shutdown activities.
15. Following points will be counted as a penalty on bidder, if observed during AOH: -
 - A. Unsafe practices of jobs.
 - B. Unskilled or inadequate manpower.
 - C. Rework of any AOH job.
 - D. Wastage of spares or consumables.
 - E. Not completion of AOH jobs within scheduled time.
 - F. If not fulfilling any condition in said scope of job. A maximum of 5 % of the total contract amount.

Minimum Deployment of Manpower/ Shift

S.NO	ROLE	QUANTITY
1	Project manager	1
2	Rope access manager	1
3	Site Supervisor	1
4	L3 Supervisor	1
5	IRATA Level 2 Technicians	4
6	IRATA Level 1 Technicians	6
7	HSE Officer	1
8	Fire Watch	2
9	Helper	4
10	HR	1

SAFETY

- 1.All personnel must undergo safety induction before entering the site. Tool Box Talk to be carried out in each shifts.
- 2.Valid PTWS shall be issued prior to job start. Gas tests to be carried out as per TATA Power Safety policy.
- 3.A designated Fire Watch will be in position during all welding activities.
4. All equipment used must be certified by a recognized third-party inspection agency and clearly marked with valid inspection tags.
5. A fire watch remains at the entry point throughout the hot work duration and 30 minutes after.

ROPE ACCESS SAFETY:

- 1.All rope access work will comply with **IRATA** international code of practise.
- 2.All equipment used- including harness, ropes, anchors and lifting devices must be certified by a rope access PPE inspector as per IRATA guidelines.
- 3.All rope access personnel will carry **two-way radios** or approved communication devices.
- 4.Rescue plan to be submitted by the supplier for TER clearance.
- 5.A full rescue drill to be conducted prior to job commencement to verify job readiness and team co-ordination.

SAFETY PPE GUIDELINE

	Manufacturers & Product Code
General Helmet – Other than Electrician	<ul style="list-style-type: none"> ✓ M/s Udhogi Plastics Model Ultra 5000 ✓ M/s Karam , Model helmet ✓ M/s Global Enterprises, model ORBIT- R ✓ Concord FRP Nape Helmet ZNO5W or ZNO 02G <p>Colour : Blue</p>
Helmet – For Electrician	<ul style="list-style-type: none"> ✓ M/s Global Enterprises, model ORBIT- R ANCI Z89.1-1997 Class E. ✓ Concord ZNO30 (Orange) for electricians
Safety Goggles	<ul style="list-style-type: none"> ✓ M/s Udhogi Plastics ✓ Model UP81 ✓ 2.M/S Karam Industries ES001(Clear)

High Visibility Safety Jackets/Vest	<ul style="list-style-type: none"> ✓ Udhogi Plastics ✓ Reflectosafe <p>Synthetic Net Fabric with Reflective Strips for other than electricians /Welder.</p> <p>Cotton material with 3M Scotchlite Reflective Strips for Electricians, Welders and Gas Cutters</p>
General Safety Shoes other than electrician	<ul style="list-style-type: none"> ✓ 1.M/s ACME Shoes Article : KETONE ✓ 2. Tata International Article : STRYDE Style - B-6024PGB or Tagada Boost
Safety Shoes electrician	<ul style="list-style-type: none"> ✓ 1.M/s ACME Shoes Article : KETONE ✓ 2. Tata International Article :

Bidder shall follow the same and take approval from M/s MPL of additional makes if so before deployment to MPL Team.

FINAL REPORTING AND DOCUMENTATION

- 1.Daily progress report
- 2.Welding and plate reports along with photographs of the DP.
- 3.Toolbox talk and safety records.
- 4.Final Summary report including photographs.