

Scope of work for Cooling Water Treatment. (2X525 MW. IPP)



OWNER:

MAITHON POWER LIMITED

PROJECT MANAGER:

MAITHON POWER LIMITED

MAITHON POWER LIMITED (MPL), JHARKHAND – INDIA
1050 MW(2X525MW)Thermal Power Plant.

PROJECT NAME:

Annual Maintenance contract of CW Water Treatment Job (Services and supply) at MPL Site-Nisra-Dhanbad

ENQUIRY REFERENCE NO:

MPL/CHEM/JKP/2023-24/3000008051

EXPRESSION OF INTEREST (EOI)

Annual Maintenance contract of CW Water Treatment Job (Services and supply) at MPL Site-Nisra-Dhanbad

Enquiry reference no.: - MPL/CHEM/JKP/2023-24/3000008051

Name of Package: Annual Maintenance contract of CW water treatment Job for Services and supply at MPL Site-NIRSA, Dhanbad

Type of Bidding: E-tendering / Two Part Technical and commercial bid (For 2 years Contract) FY24-25 and FY-25-26.

Contact Details:

Mr. Jitendra Prasad -Lead Engineer Procurement, Mobile-8092706131, Email Id:-Jitendrakumar@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:

Web: <https://www.tatapower.com/Tender/tenderarchivelist.aspx>

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. ➤ 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.

2. TECHNICAL REQUIREMENTS:

Contract period- 2 years (FY-24-25, FY-25-26)

Contract validity : 1st April'2024 to 31st March'2025 (1st year)

Contract validity: 1st April'2025 to 31st March'2026 (2nd year)

a) The bidder must have experience in "execution of AMC/ARC for Chemical treatment at Cooling Water with supply of chemical/s in any thermal power station having unit capacity 500 MW or above", directly under the Central/ State Govt./Central / state Govt. Organization/ undertaking / industrial organization incorporated under the Indian Companies' Act. during the last three (03) years.

b) Bidder shall submit order copies & satisfactory completion certificate from the End user in support of his credential.

c) The Service Provider must submit suitable documentary evidence of executing Cooling Water Treatment specifically based on Water Chemistry parameters as mentioned in the system details.

d) It is mandatory for the Bidder to submit the proposal for automation of cooling water management as per the following

e) The automation platform should include online monitoring of pH, ORP, Turbidity, Conductivity & Residual Levels of scale & corrosion inhibitors used in the treatment program. Online system should have visibility of makeup water quality in terms of pH, ORP & Conductivity to have a real time control on the cooling water.

f) automation platform should be capable of automating the product dosages based on residual levels for Scale & Deposit inhibitors as well as Dispersant in the system at any given point in time. Online residuals of **both Scale/Deposit Inhibitor & Polymeric dispersant (High stress polymer / Tar Polymer)** should be measured and displayed all times, separately.

g) Platform for Automation should be capable of generating online reports & graphs of monitoring parameters at a desired frequency (Weekly, fortnightly, monthly/ quarterly).

h) The Bidder should be a Reputed Service Provider or Authorized Indian Agent / Representative of Foreign Principal. The prescribed Principals Authorization Form must be enclosed with the technical bid.

i) The Service Provider / Agency must submit valid Quality Management System Certificate as per Accreditation Standard – ISO/IEC: 17025:2017

3.TENDER DEPOSIT FEES:

Description	Bid Security (EMD)	Tender Fee	Total estimated package value of contract in Lakhs (INR)/Per Annum
AMC of CW WATER TREATMENT JOB (SERVICES AND SUPPLY OF MATERIALS) AT MPL	INR 1.15 Lakhs	INR 2,000/-	Rs.48.30lacs/Per year

4.TENDER TIMELINE:

- 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 13th **Jan'2024**. Request for Bid Document/EOI will be not 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.
- e) 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.

Date: 30.11.2023

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.

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 be 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.

5.BID SECURITY:

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 through RTGS or Demand Draft, 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.FINANCIAL:

The Bidder shall have adequate financial resources to execute the Contract concurrently with his other commitments and shall meet the following condition:

6(a)The bidder shall have during the last three financial years (FY 2020-21, 2021-22 & 2022-23) an Average Annual Turn Over of not less than Rs. 2 Crores or its equivalent in any other currency related to tender business.

6(b)Bidder will be required to submit copies of their profit and loss account and audited Balance sheet for the last three preceding financial years along with the Bid Document. In cases, where audited results for the last preceding financial year are not available, certification of financial statements from a practicing Chartered Accountant shall also be considered acceptable.

6(c) The financial net worth of the bidder shall be positive as per the latest audited annual report.

6(d) 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.

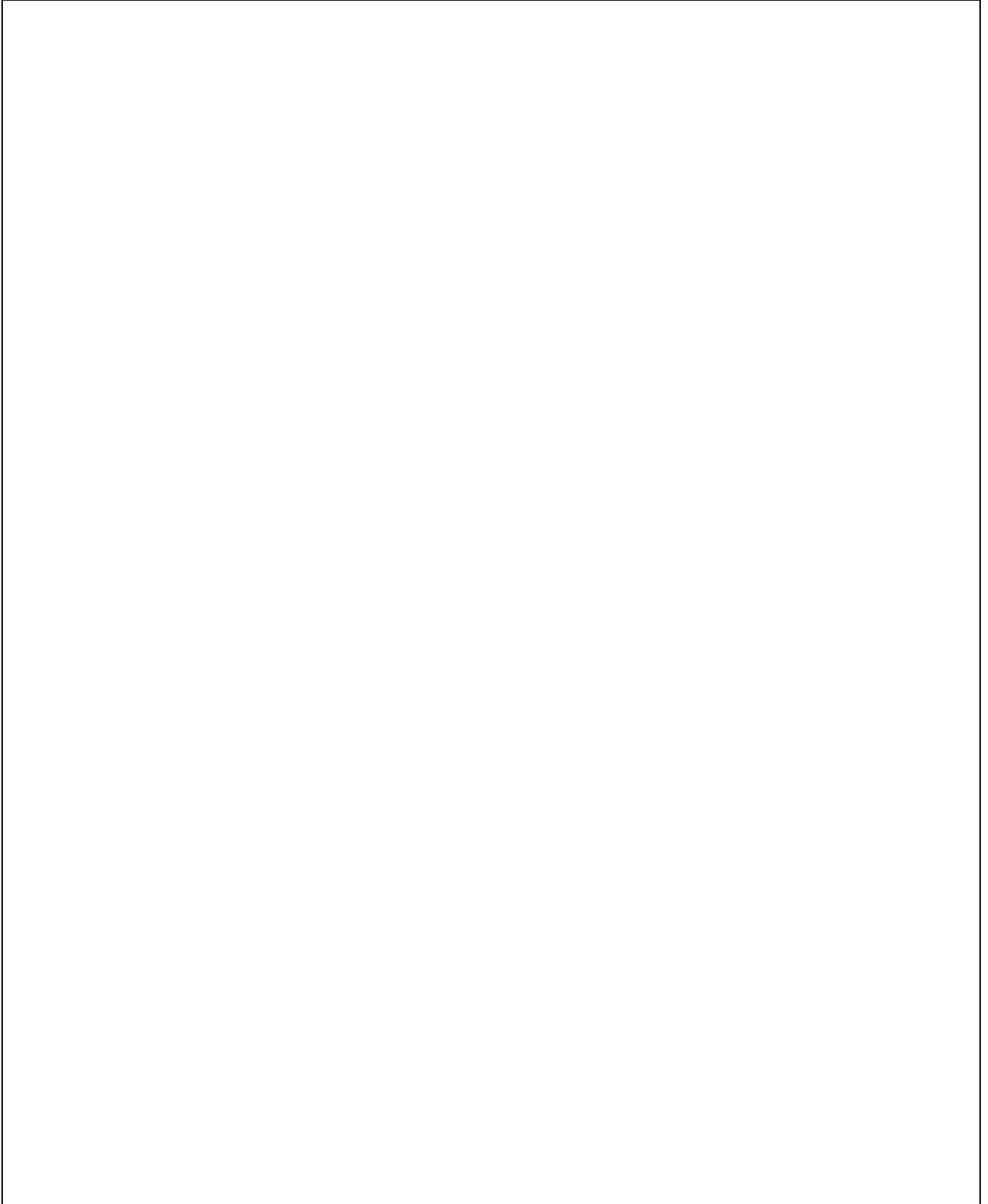
7. SAFETY CRITERIA:

- a) Safety Records---Please provide safety record for last three years.
- b) OHSAS :18001or 45001 Certificate
- c) ISO 14001 ,9001 Certificate.

8. Note: "Detail Scope of work" is uploaded on the Website.

<https://www.tatapower.com/Tender/tenderarchivelist.aspx>

Date: 30.11.2023



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