



OWNER:

MAITHON POWER LIMITED

PROJECT MANAGER:

MAITHON POWER LIMITED

PROJECT:

SPRINKLING SYSTEM INSTALLATION FOR ASH WHARF AT 2X 525 MW THERMAL POWER PLANT

MAITHON POWER L

IMITED (MPL), JHARKHAND - INDIA

ENQUIRY REFERENCE NO:

MPL/MMD/RKS/2024-25/2500018753

EXPRESSION OF INTEREST (EOI)

SPRINKLING SYSTEM INSTALLATION FOR ASH WHARF SYSTEM AT 2 X 525 MW THERMAL POWER PLANT

Enquiry reference no.: - MPL/MMD/RKS/2024-25/2500018753

Name of Package **SPRINKLING SYSTEM INSTALLATION FOR ASH WHARF AT 525 x2 MW**
Maithon Power Limited (MPL), Jharkhand – India

Type of Bidding: E-tendering / Two Part

Contact Details:

Package Owner -Mr. Ravi Kumar 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:

Plant Details	Description	Bid Security (EMD)	Tender Fee	Est. Package Value Exclusive GST
2X525 MW Maithon Power Limited (MPL), Dhanbad, Jharkhand	SPRINKLING SYSTEM INSTALLATION FOR ASH WHARF	INR 1.10 lakhs (Bid Security to be submitted as a Bank Guarantee or through RTGS or Demand Draft at the BID stage and not with EOI).	INR 2,000/- Last Date of EOI Tender Fee submission- 5th October 2024.	Approx.- ₹110.00 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. ➤ 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. Scope of supply of the Material:

Item Sl. No	Material Code	Material Description	Quantity	UOM
10.	4281368	Designing for Ash Wharf Sprinkling System	1	AU
20	4281365	Erection & Commissioning of Sprinkler System AHP	1	LOT
30	4281513	Track hopper sprinkling system	1	LOT

2.1 Ash Wharf System at MPL: -

The Ash (Bottom Ash & Fly Ash of Coal) Loading in the OHE (Overhead Line) Railway Rakes are done near the Track Hopper, approx. in the length of 800 M & Width varies from 25 M to 40 M as shown in below figure 1. We require the automated (solenoid operated sequential sprinklers) Water Sprinkler System for this Ash Wharf system on both sides to control the Dust Suppression. At the mid-point of the width (i.e., approx. 12 to 15 M from one side), there is an Electrified Railway Track. The height of the OHE (Overhead Electrical Line) is approx. 6 M from the top of railway Track. This ash wharf system is used to store the Fly/Bottom Ash on both sides of railway track. Generally, the stocked Ash height varies from 0.5 M to 2.5 M.

2.2 The scope mainly includes the Design, Supply, Construction & Successful Commissioning of

a. The ASH Wharf Sprinkler System

b. Track Hopper Fogging System

Details scope of share during RFQ issue thru' Ariba Portal.

1.) **TECHNICAL CRITERIA:**

- a) Bidder should have minimum 5 years of experience in Designing, Supply, Erection & Commissioning of automated Dust Suppression system Turnkey Projects.
- b) Bidders must have executed at least 5 Major Dust Suppression Projects.
- d) Preference shall be given to the bidders having experience in Fly Ash Dust Suppression System for Ash Wharf (Near Railway Overhead Electric Line) in thermal power station of capacity 250 MW and above.

Bidder is requested to fill the details as per Table 1 & submit the relevant Credentials,

Sl. No.	For whom the bidder worked	Order No. Date & Year	Order value	Project Description	Duration of the Job	Contact Details of Client

2.) **FINANCIAL CRITERIA:**

The average annual turnover of the bidder shall not be less than Rs. 150 Lacs (Rupees One Hundred Fifty Lacs only) for the preceding two financial years (2022-23, 2023-24).

3.) **TENDER FEE & TIMELINES:**

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 5thOct 2024**. Request for Bid Document/EOI will be entertained beyond this deadline. Details of tender fees submit in below link

<https://forms.office.com/r/XDJ10yJw3b>

- a) 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.

- 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**.

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

- c) 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 (Ariba) 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. Barbindia, 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.

4.) 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 **110,000/- (Indian Rupees One Lac Ten 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.

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.