



**OWNER:
MAITHON POWER LIMITED**

**PROJECT MANAGER:
MAITHON POWER LIMITED**

**PROJECT NAME:
PROCUREMENT CT PVC FILLS PACKS**

MAITHON POWER LIMITED (MPL), JHARKHAND - INDIA

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

EXPRESSION OF INTEREST (EOI)

**PROCUREMENT OF PVC FILL PACKS IN MAITHON POWER LIMITED (2 X 525 MW),
DHANBAD JHARKHAND**

Enquiry reference no.: - MPL/MMD/RKS/2024-25/PVCFILLS
Name of Package: PROCUREMENT OF SUPPLY OF FILL PACKS AT 525 x 2 MW MAITHON POWER LIMITED.
Type of Bidding: E-tendering / Two Part
<p>Contact Details:</p> <p>Package Owner -Mr. Ravi Kumar Sharma - Lead Associate-Contracts, Mobile-7739222261, Email Id: - ravisharma@tatapower.com</p> <p>Ms. Jayashree Choudhury-Head Contracts & Materials, Mobile: 9234550658, Email Id: - choudhuryj@tatapower.com</p> <p>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</p>

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 Exclusive GST
Procurement of PVC FILLS PACK DESCRIPTION OF COOLING TOWER: MAKE# M/S L & T NO OF CELLS IN EACH IDCT # 22	1% of package value	₹ 2,000/- Please details submit in attached tender fee link as stated below, https://forms.office.com/r/XDJ10yJw3b	₹ 150.00 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. Specification of the Material:

Material Requirement: **NO OF CELLS IN EACH IDCT # 22SI. NO.**

SR NO	MAT. CODE	MAT. DESCRIPTION	FILLS BLOCK DIMENSION IN MM (LENGTH X WIDTH X DEPTH)	UOM	REQUIRED QUANTITY
10	2000205008	FAN, CT PVC FILL BLOCK TYPE A,	2290X308X300	EA	576
20	2000202653	FAN, CT FAN PVC FILL BLOCK TYPE B,	1390X308X300	EA	1,728
30	2000202654	FAN, CT FAN PVC FILL BLOCK TYPE C,	2340X308X300	EA	1,152
40	2000202668	FAN, CT FAN PVC FILL BLOCK TYPE D,	2245X308X300	EA	576
50	2000202667	FAN, CT FAN PVC FILL BLOCK TYPE E,	1520X308X300	EA	576
60	2000202588	FAN, CT PVC FILM FILL BLOCK TYPE-F,	1840X308X300	EA	2,304
70	2000202589	FAN, CT PVC FILM FILL BLOCK TYPE-G,	1885X308X300	EA	1,152
80	2000202590	FAN, CT PVC FILM FILL BLOCK TYPE-H,	1865X308X300	EA	10,368
90	2000202591	FAN, CT PVC FILM FILL BLOCK TYPE-I,	405X308X300	EA	500
100	2000205007	FAN, CT PVC FILL BLOCK TYPE-J,	405X96X300	EA	300

Fill specifications:

In three-layer C10.19 PVC fill pack assembly, Black Color, Sheet thickness 0.25mm (Minimum) or above, Double edge folded flute size 19mm with clearly visible microstructure on the surface in multilayer, having tested curve for PVC Fill MOC: PVC

(1) Technical Criteria of Qualifying Requirement: -

1. The applicant should be manufacturer of Cooling Tower PVC Film fill pack /fill sheet.
2. The applicant should have in-house testing facilities (NABL approved) for the tests (Tensile Strength at yield, Flexural Strength, Flexural modulus, Impact Resistance and UV Resistance test as per acceptance norms CTI STD- 136(10)) or should have agreement of carrying out above tests from NABL approved. laboratory for its past works or the applicant should give an undertaking that it shall carry out above tests by CIPET.
3. The applicant should have supplied minimum quantity of 3000 m³ CT PVC Film Fills (any size), in any single order within 6months during last five years prior to the date of submission of the application for enlistment
4. Offered fill should be proven for Thermal Performance with supporting documents of the Thermal Performance Curves & Pressure Drop Curves. The Said Data must be from reputed third party or NABL Laboratory.

(2) FINANCIAL CRITERIA:

1. The average annual turnover of the bidder shall not be less than Rs. 2 Crores (Rupees Two crores only) for the preceding three financial years (2021-22, 2022-23, 2023-24).
2. The financial net worth of the bidder shall be positive as per the latest audited annual report.

(3) Documents required in support of meeting technical requirements:

1. Documents in support of manufacturing facility of CT PVC Film fills and
2. documents in support of in-house facility for CT Film fills making machine like Mixer Compounding machine, Calendar Making machine and Flute Forming machine.
3. NABL approval for testing facility / agreement with NABL approved laboratory / Test report for past orders / Undertaking to get the test done by NABL laboratory.
4. PO / Invoice / delivery challan Copy in support of Size and Volume of CT PVC Film Fills supplied by the applicant during last five years prior to the date of submission of the application for enlistment.
5. Experience details of past Two years should be submitted as per the following table format:

1	2	3	5	6
Sl. No.	Client details/ Power plant details	Order No. Date & Year	Order value	Details of scope of supply

OTHER DETAILS/DOCUMENTS REQUIRED FOR QUALIFICATION:

- 1) Bidder shall furnish Annual reports containing Audited Balance sheets with Profit and Loss Accounts statements of the preceding 3 (Three) financial years viz. (2020-2021, 2021-22 & 2022-23) along with the bid to establish Bidder's conformance to Experience and Financial Criteria mentioned above.
- 2) 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.
- 3) Bidder shall furnish ISO:9001 & ISO:14001 issued by accredited body.
- 4) Submission of authentic documents is the prime responsibility of the Bidder.
- 5) 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) 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 17th June 2024**. Request for Bid Document/EOI will be entertained beyond this deadline. **tender fee link as stated below,**

<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 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.

- d) 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.

3. 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 **150,000/- (Indian Rupees One Lac Fifty 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. 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.