



OWNER:

MAITHON POWER LIMITED

PROJECT MANAGER:

MAITHON POWER LIMITED

PROJECT:

**SUPPLY AND SERVICES FOR ERECTION OF FOOT OVER BRIDGE ON RAIL TRACK NEAR TRACK
HOPPER, MAITHON POWER LIMITED, JHARKHAND
MAITHON POWER LIMITED (MPL), JHARKHAND - INDIA**

TENDER REF: MPL/COAL HANDLING PLANT/AD/2022-23/ 2500014770)

**SUPPLY AND SERVICES FOR ERECTION OF FOOT OVER BRIDGE ON RAIL TRACK NEAR TRACK
HOPPER, MAITHON POWER LIMITED, JHARKHAND**

EXPRESSION OF INTEREST (EOI)

SUPPLY AND SERVICES FOR ERECTION OF FOOT OVER BRIDGE ON RAIL TRACK NEAR TRACK HOPPER, MAITHON POWER LIMITED, JHARKHAND

Enquiry reference no.: - MPL/COAL HANDLING PLANT/AD/2022-23/ 2500014770)
Name of Package: SUPPLY AND SERVICES FOR ERECTION OF FOOT OVER BRIDGE ON RAIL TRACK NEAR TRACK HOPPER, MAITHON POWER LIMITED, JHARKHAND at 2 X 525 MW Maithon Power Limited (MPL), Jharkhand – India
Type of Bidding: E-tendering / Two Part
Contact Details: Ms. Sapna Rani-Lead Engineer Procurement, Mobile-9031048566, Email Id:- sapna.rani@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:

Description	Bid Security (EMD)	Tender Fee
SUPPLY AND SERVICES FOR ERECTION OF FOOT OVER BRIDGE ON RAIL TRACK NEAR TRACK HOPPER, MAITHON POWER LIMITED, JHARKHAND	INR 5 lakhs	INR 1,000/-

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 WORK:

Erection of 1 no. Foot Over Bridge over Operational Rail Track including Civil & structural works as per below details:

Civil and Structural Work Includes the below mentioned jobs but not limited to:

SHORT DESCRIPTION	UNIT	APPROX QTY
Excavation in ordinary earth, soft & decomposed rock from existing ground level to a depth of 1.5 m	M3	92
Excavation in ordinary earth, soft & decomposed rock from Deeper than 1.5 m to a depth of 3 m	M3	10
Excavation in hard rock from existing ground level to a depth of 1.5 m by ordinary chiselling	M3	46

Excavation in hard rock deeper than 1.5m to a depth of 3 m by ordinary chiselling	M3	5
Excavation in hard rock From existing ground level to a depth of 1.5 m by mechanical chiselling by pneumatic/hydraulic rock breaker	M3	46
Excavation in hard rock Deeper than 1.5m to a depth of 3m by mechanical chiselling by pneumatic/hydraulic rock breaker	M3	5
Providing and filling in plinth and floors with good quality of murrum in 15 to 20 cm thick layers	M3	58
Providing & laying dry trap granite/quartzite/gneiss/rubble stone soling with maximum 230mm size hard stone set in regular lines, hand packed and interstices thoroughly filled with small chips	M3	29
Providing and laying Ready Mix Concrete, M15 Grade using 20 mm downgraded aggregates below ground for blinding layer under R.C. foundation and bedding, bottom of pits, sumps, chambers, trenches, anchor blocks, rubble masonry and brick walls	M3	10
Providing and placing in position Ready Mix Concrete of M25 grade for all shapes, at all levels above or below ground including admixtures if any, including bottom slabs of tunnels, trenches, Underground tanks, pile caps, grade slabs, etc. and RCC columns, pedestals, brackets, retaining walls	M3	71
Providing and fixing in position HYSD bar Reinforcement of primary make of grade Fe500 conforming to IS 1786 of various diameter for RCC members at all levels and locations	MT	7
Providing structural steel work in rolled / built up sections fixed with connecting plates or angles, gussets, cleats, channels with two coats of zinc phosphate primer (One shop coat and one site coat) and painting with finishing coats of synthetic enamel paint to get desired finish	MT	90
Supplying, cutting, fabricating and erecting M.S. anchor bolts, pipe sleeves, channels, angles, plates, rails, beams and all other types of inserts in concrete members and placing them in position as specified	MT	2
Supplying, Detailing, fabricating & transporting to site and erecting in position, provision of erection bolts, etc. Complete including preparation of surfaces and providing two shop coat of red oxide zinc phosphate primer, touch up coat of red oxide zinc phosphate primer after erection as per specification	MT	36

Supplying, fabricating, delivering to site, loading, unloading, etc. and erecting chequered plate of diamond shape pattern including all operations	MT	15
Detailing fabricating, transporting to site and erecting in position at all levels pipe hand rails fabricated out of MS pipe “medium” class as per IS 1161 including providing two primer coats of red oxide zinc chromate primer after necessary surface preparation as per IS 2074 each coat having DFT of 25 microns, before erection and a touch up coat of the same after erection and two coat of synthetic enamel painting each coat having DFT of 25 microns	METER	317

Above is only brief description of scope of work and Detailed scope of work including Detailed Terms & Conditions shall be shared during RFQ/ Bidding stage to the interested bidder submitting valid EOI, which will specify detailed scope of work and terms & conditions of proposed tender/contract.

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 **not later than 17th November 2022**. 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.

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.

- 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.

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

4. 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.

5. 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.

6. SAFETY CRITERIA:

- a) Safety Records---Please provide safety record for last three years.
- b) OHSAS :18001or 45001 Certificate
- c) ISO 14001 ,9001 Certificate.
- d) Safety officer Qualification and Experience Certificate.**
- e) List of Machinery/ Tool & Tackle ---Please mention the detail of Machinery/ Tools and Tackles vendor is owning.**
- f) Engineer Qualification and his experience certificate. Min 05 Years' experience in Similar nature of job is mandatory.**
- g) Scope of Work (Will be provide at the time of RFQ)
- 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) Contractor's Safety Terms and Conditions
- l) Safety Bid Document.
- m) All other applicable safety clause followed/adopted by Jharkhand Government.
- n) All other applicable statutory clause by Jharkhand Government/GOI.

7. TECHNICAL:

(A) Penalty Clause.

- 1) Penalty will be deducted for the work not executed or unsatisfactory work at the rate of quoted price plus 15% for that portion proportionately OR as decided by Engineer In Charge.
- 2) The contractor shall be responsible for risk involved, liabilities and obligation arising out of this contract under any provision of law enforced from time to time.

- 3) The contractor and his manpower shall have to follow all safety rules while working. To ensure that there is no accident which may cause loss of life and property. For this purpose, the contractor must provide proper safety training and instructions to the personnel working under him and ensure proper use of safety equipment's by them. In case of repetitive violations penalty may be imposed.
- 4) In case department receives any written complaint from workers regarding non-payment of wages, the amount payable to them will be recovered from the contractor's bill and will be paid to them. In case the contractor further fails to pay the wages to the workers, department will make such payments to the workers and charge 10% administrative overhead charge from the contractor on this account and may forfeit the security deposit also.

8. TECHNICAL PQR:

Bidders should possess the experience of supply and erection of Foot Over bridge above the EHV lines for crossing the rail lines required for man movement.

The total span of bridge is 77.5 meters over two tracks with height of 13.5 meters from ground level excluding the roof sheet.

The job scope shall be composite including Civil and structural work.

Civil work shall involve Excavation in ordinary earth, soft & decomposed rock and even hard rock from a depth of 1.5 m to 3 m. Providing and filling with good quality murrum. Providing & laying dry trap granite/quartzite/gneiss/rubble stone soling with maximum 230mm size hard stone set in regular lines, hand packed and interstices thoroughly filled with small chips.

Providing and placing in position Ready Mix Concrete of approved grade for all shapes, at all levels above or below ground including admixtures if any, including bottom slabs of tunnels, trenches, Underground tanks, pile caps, grade slabs, etc. and RCC columns, pedestals, brackets, retaining wall.

Structural work shall involve supply, fabrication, painting, and erection of structural members (Main Truss, Columns, Members, Footing, Walkway etc.) as per approved drawing and ISO standard.

The agency shall have to provide Crane, F-15/F-18 Hydra, trailer, tools and tackles, consumable items, manpower and transport arrangement wherever require etc. with proper supervision arrangements to conduct the job.

The agency should ensure that personnel employed are competent and have adequate qualifications for the jobs assigned to them. Engineer/Supervisor should be Graduates/Diploma holders.

The bidder shall have during the last three financial years an Average Annual Turn Over of not less than **Rs. 2 to 2.5 Crores.**

Vendor should submit the credentials for similar nature of Fabrication and Erection job, mentioning number of projects with value of each project in INR, executed in last 05 years.

9. EXPERIENCE (No. of years).

EXPERIENCE IN SIMILAR NATURE OF FABRICATION AND ERECTION JOB DURING LAST 05 YEARS SHOULD BE SUBMITTED AS PER THE FOLLOWING TABLE:

	1	2	3	4	5	6	7	8
Sl. No.	For whom the bidder worked (Client)	Order No. Date & Year	Order value (INR)	Consignee	No. of Equipment owned by the company	Quantity handled per month (Volume in MT/Month)	Location	Brief Scope Highlight indicating Major achievements/challenges while handling the work

- I. The Bidders should have executed similar nature of work.
- II. The Bidder should be a Reputed Service Provider. The prescribed Principals Authorization Form must be enclosed with the technical bid.
- III. One Bidder can submit only one Bid.
- IV. To maintain sanctity of tendering system one Indian agent cannot represent two different foreign principals in one tender.
- V. The agency shall have to provide tools and tackles, consumable items, manpower and transport arrangement wherever require etc. with proper supervision arrangements to conduct the job.

VI. The agency should ensure that personnel employed are competent and have adequate qualifications for the jobs assigned to them. Engineer/Supervisor should be Graduates/Diploma holders.

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

- 4.2.1. The bidder shall have during the last three financial years an Average Annual Turn Over of not less **than Rs. 2 to 2.5 Crores** or its equivalent in any other currency related to tender business.
- 4.2.2. Single Order of 2.5Cr Package Value should have been executed in last five years.
- 4.2.3. Certified Copy of service Tax registration and Service Tax return for last Three years. GSTR-1/GSTR-3B must be filled upto previous month.
- 4.2.4. Audited Balance Sheet including Profit & Loss statement for the previous three completed financial years reckoned from the date of application. In case the audited documents are not ready / available, then certified copy by a registered practicing Chartered Accountant may be submitted.
- 4.2.5. Certified Copy of Bank statement of the Bidders for last two years.
- 4.2.6. Audited Balance Sheet of Bidders for last three years.
- 4.2.7. In support of adequacy of working capital (at least 20% of the annualized value of the work) for this contract, the bidder shall have to submit a certificate of solvency / access to lines of credit and availability of other financial resources. The issue date of such certificate shall be dated within three months before the date of tender opening.