



**OWNER:
PRAYAGRAJ POWER GENERATION COMPANY LIMITED**

**PROJECT MANAGER:
PRAYAGRAJ POWER GENERATION COMPANY LIMITED**

PROCUREMENT OF CAST BASALT PIPE

Tender Ref: P-FY26-AS-1500001169/1500001170 March'26

PROCUREMENT OF CAST BASALT PIPE

Enquiry reference no.: Tender Ref: P-FY26-AS-1500001169/1500001170 March'26
Title of Procurement: Procurement of Cast Basalt Pipe.
Type of Bidding: E-tendering / Two-Part
Contact Details: All communication including EOI submission shall be addressed to following officer/s: Mr. Anoop Singh Contract & procurements Email: anoop.singh@ppgcl.co.in AND Mr. Sarwotam Prasad Group Head – Contracts & procurements. Email: sarwotamprasad@tatapower.com

The Prayagraj Power Generation Company Limited Invites Expression of Interest (EOI) from interested parties for the e-Tendering Process of following Relevant procurement Package:

Table-1

Plant Details	Estimated Quantity	Tender Fee	Bid Security
3X660 MW Prayagraj Power Generation Company Limited (PPGCL) at Village-Lohgara, Tehsil- Bara Dist- Prayagraj, Uttar Pradesh.	Procurement of Cast Basalt Pipe Tentative Period of delivery 60 Days.	2000/- (INR Two Thousand Only as Bank Transfer)- To be submitted along with EOI	INR Rs 5,00,000.00 Through NEFT (To be submitted along with Bid at stage of bidding post RFQ issued by PPGCL)

Note: -

- Tender Fee is not refundable.
- The Bid Security amount is refundable after completion of all processes related to the contract.

*Transaction Details to be shared to the e-mail: anoop.singh@ppgcl.co.in, sarwotamprasad@tatapower.com & Jhaun@tatapower.com against said format for Tender Fee & EMD/Bid Security along with E-copy of Transaction.

Please fill Microsoft Form for Transection Details, Link below

Tender Ref: FY25-26-AS-PPGCL-1500001169/1500001170 March-26 – Fill out form

Date of Transaction	Sender Name	UTR Number	Amount (Rs)	Sender's Company Name

1. INTRODUCTION:

Prayagraj Power Generation Company Limited (PPGCL) owns and operates 3x660 MW capacity Indian coal based thermal power generation station based on pulverized coal-based super- critical boiler technology. The generating plant is in Tehsil Bara, Dist.-Prayagraj in the state of Uttar Pradesh in India. A brief overview of Owner and Site is given below:

Table-2

Site Name	3 X 660 MW Prayagraj Power Generation Company Limited
Owner	PRAYAGRAJ POWER GENERATION COMPANY LIMITED (PPGCL)
Project Manager	Prayagraj Power Generation Company Ltd.
Site Location	The site is in Bara Tehsil of Prayagraj Dist. in the state of Uttar Pradesh. Site is at distance of about 34 KM from Prayagraj town in the district of Prayagraj. Latitude and Longitude of site is 25.200 N and 81.660 E respectively. The site is well connected by Rail (nearest railway station Lohgara on the Mumbai- Allahabad route) and road (located on NH35).
Elevation Above Mean Sea Level	68 m above Mean Sea Level
Access to Site	Plant is located on National Highway NH 35. Bamrauli Airport, Prayagraj is the nearest airport which is about 55 KM from Site.

Procurement of Cast Basalt Pipe

The tendering/procurement activities for this Project are going to be driven from Prayagraj Power Generation Company Limited following Office:

Contracts & Procurement
Department, Administrative
Block,

The Prayagraj Power Generation Company Limited,
Village – Lohgara, Tahsil – Bara, Distt. - Prayagraj-212107."

2. PROCUREMENT SCOPE:

The details of the estimated Procurement of Cast Basalt Pipe

Table-3

Power Station/ Location	Owner of Plant	Quantity Available	Tentative Period of Contract
3x660 Prayagraj Power Generation Company Limited (PPGCL) at Village- Lohgra, Tahsil- Bara, Dist- Prayagraj, Uttar Pradesh.	Prayagraj Power Generation Company Limited (PPGCL)	CAST BASALT SPOOL PIPES (SIZE RANGE: 250 NB TO 400 NB) Tentative Period of delivery 60 Days (Not fixed & subject to	Tentative Period of delivery 60 Days

	(Project Manager: Contracts & Procurement Dept, Prayagraj Power Generation Company Limited	variations based on operational & commercial feasibility for PPGCL Plant)	
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The Material description under this tender shall be Procurement of Cast Basalt Pipe 250 NB

Detailed material description for and Terms & conditions for this Tender/ Contract shall be provided in the Tender/RFQ document to all bidders submitting the valid EOI with due tender fees.

3. TENDER FEE & EOI SUBMISSION GUIDELINES AND TIMELINES:

- a) Interested parties meeting the "Bidder pre-qualification criteria" specified under point no. 4 in this document can request tender document and participate in the bidding process by submitting the Expression of Interest (EOI) Letter along with the Tender Fee Payment Details to the contact details mentioned below not later than deadline specified below. Request for Bid Document / EOI will not be entertained beyond this deadline.
- b) Tender Fee/ EMD/Bid Security as indicated above may be paid through as per details given below in Table 4:

Table 4

Details for payment:	
Bank details for submitting Tender fees/ EMD through bank transfer/NEFT	Beneficiary Name: Prayagraj Power Generation Company Limited. Bank Name: State Bank of India Branch Name: C.A.G. Mumbai (009995) Account No.: 35304813683 IFSC Code: SBIN0009995
Deadline for tender fee payment and submission of EOI:	05 th April 2026

c) Interested bidders should submit the Expression of Interest (EOI) letter and tender fee payment details to below mentioned email addresses:

- Mails shall be addressed to (To): anoop.singh@ppgcl.co.in
- Must mark a copy also to (CC): sarwotamprasad@tatapower.com
- EOI/ requests without complete information and communication as above within deadline shall be liable to be rejected and will not be considered further.

d) Expression of Interest letter to be submitted along with tender fee payment details should include the following details (To be mentioned in editable format in email body):

- Company Name and Office Address
 - Authorized Contact person name, contact number and e-mail id (mandatory) for bidding purpose and for all other communications to be addressed for this tender.
 - Tender fee payment details / reference no (ensuring that tender fee is received by us within specified deadline)
 - Attach the supporting documents substantiating your fulfilment of Bidder's Pre- Qualification Requirements (PQR), with the EOI. In case of supporting documents are not readily available, bidder to provide confirmation that they shall arrange to share PQR supporting documents later on as required by owner.
- e) Detailed Bid Document (also referred as RFQ) shall be issued through PPGCL e-tender portal (Ariba System) only to the parties submitting a valid EOI as per terms mentioned in this document.

4. BIDDER PRE-QUALIFICATION CRITERIA:

Interested parties to note that Bidder shall be required to fulfil the following bidder pre-qualification criteria to qualify for the subject work. Bidder will be required to submit relevant supporting documents to demonstrate their qualification during the bid submission stage against Tender document/RFQ.

4.1 TECHNICAL REQUIREMENTS:

4.1.1 Item Requirement: Procurement of Supply of Cast Basalt Pipe ϕ 200,250,300,350,400 NB at PPGCL

The tentative requirement of Cast Basalt Lined Pipes is as follows:

- 200 NB – Length: 6 Mtr – with fixed flanges at both ends , Fasteners & 3 MM - Gasket (Make- Champion) (For BA Hopper Conveying Line)
- 250 NB – Length: 5 Mtr – with fixed flanges at both ends , Fasteners & Gasket (Make- Champion),as well as only one No 250X300 CB Expender with both flanges . (For Fly Conveying Line)
- 300 NB – Length: 3 Mtr – with flanges at both ends , Fasteners & Gasket (Make- Champion),as well as only one No 300X350 CB Expender with both flanges . (For Fly Conveying Line)
- 350 NB – Length: 2 Mtr – with flanges at both ends , Fasteners & Gasket (Make- Champion),as well as only one No 350X400 CB Expender with both flanges . (For Fly Conveying Line)
- 400 NB – Length: 2 Mtr – with flanges at both ends , Fasteners & Gasket (Make- Champion), (For Fly Conveying Line)

Quantities indicated are tentative and may vary as per site requirements.

4.1.2. Design, Material & Construction:

- MS Casing Pipe: ERW type conforming to IS 2062 (latest revision), grade E250A or equivalent
- Manufacturing Tolerances: As per IS: 3589 / IS: 3569 (as applicable)
- Internal Lining: Cast Basalt with minimum thickness 20 mm (± 2 mm for 250 NB & above)
- MS Shell Thickness:
 - 200 NB: 5.4 mm / 6 mm
 - Other sizes: As per design requirement
- Flanges: MS as per IS 2062, suitable for operating pressure
- Flanges shall be provided at both ends; & CB Expender with both side flange to be supplied wherever applicable
 - Pipes shall be provided with suitable lifting lugs (minimum two locations)
 - Welding: Full penetration welding for casing and flange joints

4.1.3. Service Conditions: Application:

- Dry Fly ash Line (250–400 NB)
- BA Hopper Conveying Line (wet Ash slurry) (200 NB)
- Service Nature: Highly abrasive and erosive medium.

4.1.4. Mechanical & Material Properties:

- Hardness of Cast Basalt: Minimum 8 on Moh's scale
- Compressive Strength: Minimum 4500 kg/cm²
- Liner Finish:
 - No projection of liner or cement allowed
 - Maximum liner setback: 2 mm
- Grouting: Mortar based

4.1.5. Painting & Surface Protection:

- 200 NB: Two coats of Red Oxide Primer
- 250–400 NB: Two coats of Silver Paint or equivalent protective coating

4.1.6. Pressure & Testing Requirements:

- 200 NB Pipe:
 - Working Pressure: 9 kg/cm²
 - Hydro Test Pressure: 18 kg/cm² (15 minutes)
- 250–400 NB Pipes:
 - Working Pressure: 2.7 kg/cm²
 - Hydro Test Pressure: 4.5 kg/cm² (15 minutes)
- All pipes shall be tested for leakage, lining integrity and workmanship

4.1.7. Scope Of Supply:

- Design, manufacturing and supply of cast basalt lined pipes.
- Flanges at both ends and matching flanges (wherever applicable)
- All accessories required for safe handling and installation.
- Inspection and testing at manufacturer's works and Submit the Quality Assurance Plan & Drawing (IRTC Report) .

4.1.8. VENDOR ELIGIBILITY CRITERIA:

- Bidder should be an established manufacturer/supplier of cast basalt lined pipes.
- Must have prior experience in Fly ash & slurry / bottom ash handling systems.
- Proven performance in similar abrasive service applications.
- Vendor Should Have Complete set of Design/Manufacturing drawings and documents of the different sizes.

4.2 FINANCIAL REQUIREMENTS:

- a) Bidder shall have during the last three financial years an Average Annual Turn Over of not less than INR 200 lakhs.
- b) Bidder shall have Working Capital adequacy of at least INR 20 Lakh for sustaining operations. Bidder to provide evidence (in form of credit limit / bank solvency certificate/ bank sanction letter etc.)
- c) Bidder should share 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.

Notes for financial requirements:

- a) Bidder should be an independent company, a proprietorship firm, a partnership firm, or a combination of above in form of Joint venture Company, registered as per Companies Act. Bidder to share relevant details of the bidding entity.
- b) Bidder should share Certified copy of Income TAX, PAN, GST/ Other Taxes Duties Certificate and EPF registration (or undertaking in case not applicable) issued by competent authority.

5. BID SECURITY:

Interested parties to note that Bidder is required to furnish a Bid Security along with their Bid during bidding stage once the RFQ/tender document is issued to bidder/s submitting valid EOI. Bid security may be submitted in Bid Document for an amount as defined in the covering page of this notice document (Table-1). 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.

Note: Interested parties to note that Bid Security is not required with the EOI, and it is required to be submitted with the Bid during Bid Submission stage, once RFQ is released to the interested parties submitting valid Expression of Interest.

6. BIDDING PROCESS:

Detailed Bid Document (also referred as RFQ) shall be issued through PPGCL e-tender portal (Ariba System) only to the parties submitting a valid EOI as per terms mentioned in this document.

Bidder to note that bidding for supply of Procurement of Procurement of Cast Basalt Pipe 250 NB.as per above tender shall be conducted based on the purchase price actual quantity of Material quoted by bidder/s. Quantity Requirement/ Minimum Quantity Commitment indicated by bidders shall also be taken into consideration. The owner shall reserve the right to decide the bid evaluation criteria for deciding the optimum price of Procurement of Cast Basalt Pipe. Bidder to note that bidding for subject tender may be conducted through e-auction.

Detailed bidding process (as applicable) shall be detailed in the Tender/RFQ document.