



**OWNER:
PRAYAGRAJ POWER GENERATION COMPANY LIMITED**

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

Boiler NDT Services of Pressure Parts

Tender Ref: FY25-26-AS-PPGCL 2000003994- June '26

Boiler NDT Services of Pressure Parts

Enquiry reference no: Tender Ref: FY25-26-AS-PPGCL 2000003994- July '26

Title of Procurement: Boiler NDT Services of Pressure Parts.

Type of Bidding: E-tendering / Two-Part

Contact Details: All communication including EOI submission shall be addressed to following officers

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.	Boiler NDT Services of Pressure Parts. Required Services for Boiler.	2000/- (INR Two Thousand Only as Bank Transfer)- To be submitted along with EOI	INR Rs 50,000.00 Through NEFT (To be submitted along with Bid at stage of bidding post Each 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.

Date of Transaction	Sender Name	UTR Number	Amount (Rs)	Sender's Company Name
All Details of tender fee submit in form link below				
Tender Ref: FY25-26-AS-PPGCL-2000003994 June 26 – Fill out form				

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	Site is in Bara Tehsil of Prayagraj Dist. in 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 is Lohgara on the Mumbai-Allahabad route) and road (located on NH35).
Elevation Above Mean Sea Level	98 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 Boiler Tubes

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 Boiler Overhauling Services for Boiler NDT Services of Pressure Parts. The Material description under this tender shall be Boiler Overhauling Services for Boiler NDT Services of Pressure Parts.

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 who meet the Bidder Pre-Qualification Criteria specified in point no. 4 of this document may request the tender documents and participate in the bidding process by submitting an Expression of Interest (EOI) letter along with Tender Fee payment details to

the contact information provided below. The EOI and payment details must be submitted no later than the deadline mentioned. Requests received after the deadline will not be considered.

- b) The Tender Fee / EMD / Bid Security, as indicated above table no. 3, must be paid according to the instructions provided in Table 3 below.

Table 3

Details for payment:	
Bank details for submitting Tender fees/ EMD through bank transfer/ RTGS	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:	15th June 2025

a) 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.

b) 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.
- c) 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 in order 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:

PRE-QUALIFICATION REQUIREMENT (PQR) FOR EMPANELMENT OF NDT VENDOR

1. OEM / Utility Experience

- Vendor should have successfully completed at least 10 similar metallurgical investigations in 500 MW and above units during the last 5 years.
- Experience in supercritical boilers of OEMs such as BHEL.

2. NABL Accreditation

- The laboratory utilized for failure analysis shall be accredited by NABL for relevant metallurgical testing.
- Scope should include metallography, chemical analysis, mechanical testing, and failure analysis.

3. Advanced Failure Analysis Capability

- Vendor shall have in-house or associated facilities for:
 - SEM (Scanning Electron Microscope)
 - EDS/EDX Analysis
 - Chemical Composition Analysis (OES/XRF)
 - Tensile Testing
 - Impact Testing
 - Creep Damage Assessment
 - Fractography

4. Critical Boiler Component Expertise

- Demonstrated experience in:
 - Economizer Tubes
 - Water Wall Tubes
 - Platen Superheater
 - Final Superheater
 - Reheater Tubes
 - Headers
 - Main Steam Piping
 - Hot Reheat Piping

5. Tube Failure Investigation Timeline

- Site visit within 24 hours of intimation.
- Preliminary root cause within 48 hours.
- Detailed technical report within 7 days.
- Final laboratory report within 15 days.

Resource Availability Requirements

6. Dedicated Emergency Team

- Vendor shall maintain:
 - Minimum 2 Metallurgists.
 - Minimum 2 ASNT Level II/III inspectors.
 - One dedicated emergency response coordinator.

7. Equipment Redundancy

- Backup availability of:

- Portable microscope.
- Hardness tester.
- Replica kits.
- Surface preparation tools.

Safety Requirements

8. Thermal Plant Safety Compliance

- Compliance with Tata Power/NTPC/State Utility safety standards.
- Valid safety training records.
- Workmen compensation and insurance coverage.
- Availability of PPE suitable for boiler internal inspections.

Mandatory Documents

- Minimum 3 performance certificates from thermal power plants.
- List of major tube failure investigations carried out in the last 5 years.
- Details of emergency mobilization cases where site attendance was achieved within 24 hours.
- Organization chart showing metallurgists and NDT personnel.
- Calibration certificates not older than 6 months.
- PAN, GST, PF, ESIC registrations.

Commercial Qualification (Recommended)

- Average annual turnover of at least ₹1 Crore during the last 3 financial years.
- Positive net worth.
- No blacklisting declaration from any PSU/Utility/OEM.

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 to 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.

Bidders note that bidding for Boiler Overhauling Services for Boiler NDT Services of Pressure Parts. as per above tender shall be conducted based on the actual services quantity of the service quoted by bidder/s. Quantity Requirement/ Minimum Quantity Commitment indicated by bidders should also be taken into consideration. The owner shall reserve the right to decide the bid evaluation criteria for deciding the optimum price of Boiler Overhauling Services for Boiler NDT Services of Pressure Parts. 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.