



**OWNER: THE TATA POWER COMPANY LIMITED**

**PROJECT MANAGER: JOJOBERA POWER PALNT**

**NAME OF THE PACKAGE/PROJECT: COAL SAMPLING AND ANALYSIS FROM  
FEEDER AT 1 X 67.5 MW & 4 X 120 MW JOJOBERA POWER PLANT, JAMSHEDPUR,  
JHARKHAND (INDIA)**

**ENQUIRY REFERENCE NO.: JPP/CHEM/MD/2021-22/FEEDER COAL SAMPLING**

**NOTICE INVITING FOR EXPRESSION OF INTEREST (EOI) for Feeder Coal  
Sampling and Analysis at Jojobera Power Plant, Jamshedpur, India.**

**1. INTRODUCTION:**

The Tata Power Company Limited (TPC) is among the largest private sector Power Utility companies in India with presence in Generation, Transmission and Distribution of Power through conventional and renewable sources.

Jojobera Unit # 1 to 5 are coal-based power plant and hence requires optimum handling of tons of Coal round the clock for continuous running of the Units. The Coal Handling Plant ("**CHP**") at Jojobera facilitates the continuous process of unloading of coal rake and feeding it to the coal bunkers. However, the process of sampling is one of the critical process which enables the Generating Companies to check for quality of Coal and ensure that the correct grade has been received as per the price paid and avoid any financial impact. Hence, it is of paramount importance to have effective way for sampling and analysis the coal in time bound manner.

The requirement of Jojobera Power Plant is approximately 7000-7500 Tons of coal per day.

A brief overview of Owner and Site is given below:

<b>Site Name</b>	Jojobera Power Plant (JPP), Jamshedpur, Jharkhand
<b>Owner</b>	Tata Power Co. Ltd. (Jojobera)
<b>Site Details</b>	Unit#1: 1 X 67.5 MW unit under Tata Power Co. Ltd. Unit#2,3&4: 3 X 120 MW unit under Tata Power Co. Ltd. Unit#5: 1 X 120 MW unit under Industrial Energy Limited, a joint venture between Tata Power and Tata Steel Ltd.
<b>Site Location</b>	Jojobera Power Plant, Jamshedpur, District - East Singhbhum Jharkhand State, India  - Latitude: 22. 49'N - Longitude: 86. 11'E
<b>Climatic conditions</b>	<b>Temperatures:</b> Max. Daily Mean – 33.3 Deg. C Min. Daily Mean – 20.7 Deg. C  <b>Relative Humidity:</b> Maximum – 84% Minimum – 24%

JPP has the coal linkage to run the plant at 85% PLF as per details below

- a) from Tata Steel (West Bokaro): 10-11 Lakh Ton per annum
- b) from Tata Steel (Reject + trailing): around 1.0 Lakh Ton
- c) from CCL: 10.26 Lakh Ton

- d) from ECL: 2.26 Lakh Ton from ECL and
- e) from NCL: 0.5 Lakh Ton

The distribution of coal feeders are as follows:

- Unit#1 – 4 Nos. coal feeders (normally running - 3)
- Unit#2 – 5 Nos. coal feeders (normally running - 3)
- Unit#3 – 5 Nos. coal feeders (normally running - 3)
- Unit#4 – 5 Nos. coal feeders (normally running - 3)
- Unit#5 – 5 Nos. coal feeders (normally running - 3)

2. The Tata Power Company Limited (Owner) Invites Tenders (Two-part bidding) through E-Tender Process from interested and eligible vendors for the following for feeder Coal sampling and analysis at Jojobera Power plant:

**Summary of the Tendered Packages:**

Description	Bid Security (EMD)	Tender Fee
<p>Services required for the period of 36 Months from independent agency (Service Providers) to assess, verify and cross check the quality of coal taking samples from coal feeder for 1 X 67.5 MW &amp; 4 X 120 MW units at Jojobera Power Plant.</p> <p>Detailed scope/BOQ/ specification shall be issued along with tender.</p>	INR 50,000/-	INR 1,000/-

**3. GUIDELINES FOR PARTICIPATING:**

**3.1) 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 details **not later than 13<sup>th</sup> Dec. 2021**. Request for Bid Document/EOI will not be entertained beyond this deadline.
- b) Interested parties to submit Non-Refundable tender fee, as indicated in the table above, vendors can pay Tender Fee via online transfer to the following bank account.

Bank details for submitting Tender fees through bank transfer/ NEFT:	<p><b>Bank Account details is as follows:</b>            Beneficiary Name: THE TATA POWER CO LTD            Name of the Bank: STATE BANK OF INDIA            Branch : BISTUPUR, JAMSHEDPUR            Account No : 11008730607            IFSC : SBIN0000096</p>
Last date and time for Payment of Tender Participation Fee	<b>13<sup>th</sup> Dec'2021</b>

It is to be noted that Earnest Money Deposit (EMD) of Rs 50,000 is not to be submitted now and is required to be submitted at a later stage along with tender submission in the form of a Bank guarantee.

### **3.2) Authorization letter -**

Interested and eligible Bidders to submit duly signed and stamped letter on Bidder's letterhead indicating below details:

- a) Tender Enquiry number
- b) Name of authorized person
- c) Contact number
- d) E-mail id
- e) Details of submission of Tender Participation Fee

It is also mandatory to mention Tender reference number in the letter.

**E-mail with necessary attachments as per step 1 and 2, as indicated above to be sent to [anil.sajja@tatapower.com](mailto:anil.sajja@tatapower.com) with copy to [urprabhakarao@tatapower.com](mailto:urprabhakarao@tatapower.com) before “Last date and time for Payment of Tender Participation Fee”, after which link from Tata Power E-Tender system (Ariba) will be shared for further communication and bid submission.**

(Note: Tender enquiry (also referred as RFQ) shall be issued separately through Tata Power e-tender portal (ARIBA) only to the parties whose EOI meeting above mentioned requirements are received by the deadline mentioned above.)

No e-mail or verbal correspondence will be responded. All communication will be done strictly with the bidder who have complied with above steps to participate in the Tender.

Also, it may be strictly noted that once date of “Last date and time for Payment of Tender Participation Fee” is lapsed no Bidder will be sent link from Tata Power E-Tender System (Ariba). Without this link vendor will not be able to participate in the tender. Any last moment request to participate in tender will not be entertained.

Any payment of Tender Participation Fee by Bidder who have not done the prerequisite within stipulated timeline will not be refunded.

## **4. PRE-QUALIFICATION CRITERIA:**

Interested parties to note that Bidder shall be required to fulfil the following conditions and submit relevant supporting documents for each of the following criteria along with the Bid.

### **a. TECHNICAL:**

**Job scope includes-** Collection of coal samples from coal mill feeder (all running pulveriser coal mills) of a coal fired thermal power plant. Preparation and analysis coal samples on daily 3 shift basis for coal laboratory of Chemical Department .

Routine cleaning & maintenance of equipment , calibration , preparation of all standards , data / record maintenance , as applicable.

It also includes a) Sample receiving b) Preparation of coal samples and complete Proximate Analysis that is - i) Total Moisture ii) Inherent Moisture iii) Ash content iv) Volatile matters – VM% v) GCV vi) Sulphur vii) Fixed Carbon. Except lab instruments, spares and lab wares, vendor will provide scoop and all other sample collection equipment and safety PPEs.

**Qualification Criteria:**

- i. Bidder must be a reputed service provider in related field. Having minimum 3 years’ experience during last 6-year period in thermal power plants). (No sub-contracting and/or offloading will be allowed). Must have a pool of qualified personnel ready to serve the service.
- ii. Support service person for testing must be graduate in chemistry and five years’ experience in similar Job. Samplers need to be minimum 10<sup>th</sup> pass.
- iii. Knowledge of handling LECO Bomb calorimeter AC500, Oven, Muffle furnace etc. Knowledge of BIS (IS:1350 Part-1) & ASTM (D5865 :2019) procedures, as applicable.
- iv. Logging and data entry operation of coal analysis lab in computer. Fair knowledge of computer operation, data interpretation and provide the support services as applicable.
- v. Knowledge of Safety Data Sheet & safety practices in coal laboratory.
- vi. Knowledge of (NABL accreditation standard as per ISO/IEC 17025: 2017), ASTM and BIS standard.

**Following information need to be furnished with EOI -**

1	2	3	4	5	6	7	8
<b>For whom the bidder worked (Client)</b>	<b>Order No. Date &amp; Year</b>	<b>Order value (INR)</b>	<b>Consignee</b>	<b>No. of coal samples collected and analyzed during the year</b>	<b>Quantity covered under sampling and analysis (Volume in MT)</b>	<b>Points of collection of samples</b>	<b>Whether samples are collected from heap/ loaded wagons/truck/ship during the process of loading/unloading/ Feeder</b>

- i. Bidder should be a reputed service provider.
- ii. The Bidder will be independent body and not an employee or an associate of the Tata Power group company. Similarly, persons employed by the Bidder to carry out work assigned to the Bidder will be the employees of the Bidder and will not have any employee/ employer relations with the Owner.
- iii. Any party falls under “conflict of interest” shall not be party of this tender.

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

- i The bidder shall have during the last three financial years an **Average Annual Turn Over of not less than Rs. 50 Lakhs** to tender business only.

- ii Bidder to submit the following supporting documents:
- Certified Copy of GST registration and GST return for last Two Years.
  - Certified Copy of Bank statement of the Bidders for last Two Years.
  - Audited Balance Sheet of Bidders for last (03) Three Years.

**Pls note that Bidders are currently required to submit EOI and relevant documents through Email addresses mentioned above only. No need to send physical mail/courier.**

Please note that corresponding details mentioned in this document will supersede any other details mentioned anywhere else in the Tender Document.

5. Following are contact details of Contact persons for this tender enquiry

1. Mr. Prabhakar Rao. Head – Contracts & Materials, Mobile: 9223381531, E-mail: [urprabhakarrao@tatapower.com](mailto:urprabhakarrao@tatapower.com)
2. Mr. Anil Kumar Sajja, Lead Engineer - Contracts, Mobile: 9099995734, Email: [Anil.sajja@tatapower.com](mailto:Anil.sajja@tatapower.com)

It may be noted that all future correspondence will be strictly done only with Interested Vendors who have done the above steps in time, and only through Tata Power E-Tender System.