



**OWNER:  
THE TATA POWER COMPANY LIMITED**

**PROJECT MANAGER:  
JOJOBERA POWER PALNT**

**PROJECT:  
COAL SAMPLING AND ANALYSIS Loading & Unloading point  
AT  
1 X 67.5 MW & 4 X 120 MW JOJOBERA POWER PLANT,  
JAMSHEDPUR, JHARKHAND (INDIA)**

**ENQUIRY REFERENCE NO.: JPP/CHEM/MD/2022-23/Coal Sampling**

## EXPRESSION OF INTEREST (EOI)

### COAL SAMPLING AND ANALYSIS FOR JOJOBERA POWER PLANT

<b>Enquiry reference no.:</b> - JPP/CHEM/MD/2022-23/COAL SAMPLING
<b>Name of Package:</b> COAL SAMPLING AND ANALYSIS at 1 X 67.5 MW & 4 X 120 MW JOJOBERA POWER PLANT (JPP), JAMSHEDPUR, JHARKHAND (INDIA)
<b>Type of Bidding:</b> E-tendering (Ariba)/ Two Part
<b>Contact Details:</b>  <ol style="list-style-type: none"><li>1. Mr. U R Prabhakar Rao, Head – Contracts &amp; Materials, E-mail: <a href="mailto:urprabhakarrao@tatapower.com">urprabhakarrao@tatapower.com</a></li><li>2. Mr. Ravi Shingare, Group Head – Contracts, Ph-9029004168, E-mail- <a href="mailto:ravi.shingare@tatapower.com">ravi.shingare@tatapower.com</a></li><li>3. Mr. Anil K Sajja, Lead Eng - Contracts, Ph: 9099995734, E-mail: <a href="mailto:anil.sajja@tatapower.com">anil.sajja@tatapower.com</a></li><li>4. Mr. D K Singh, Head - Chemical &amp; Water, Ph: 9204858095, E-mail: <a href="mailto:dk Singh@tatapower.com">dk Singh@tatapower.com</a></li></ol> <b>The Tata Power Co. Limited, Jojobera Power Plant, P.O. – Rahargora, Jamshedpur, Jharkhand, PIN – 831016</b>  Website: <a href="https://www.tatapower.com/tender/tenderlist.aspx">https://www.tatapower.com/tender/tenderlist.aspx</a>

The Tata Power Co. Limited (“Owner”) invites Expression of Interest (EOI) from interested parties for the Two-Part e-Tendering Process of following Package:

Description	Bid Security (EMD)	Tender Fee
Services required for the period of 36 Months from independent inspection agency (Service Providers) to assess, verify and cross check the quality of coal at loading points i.e. at mine’s end and at unloading point i.e. at Jojobera Coal Yard. (JPP shall have liberty to appoint different agencies at the loading ends and unloading end as deemed fit) for 1 X 67.5 MW & 4 X 120 MW units at Jojobera Power Plant.	INR 5,00,000/-	INR 1,000/-

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

**Procedure for Participating in Tender. Following steps to be done before “Last date and time for Payment of Tender Participation Fee” as mentioned above.**

**Step-1:** Non-Refundable Tender Participation Fee, as indicated in table above, to be submitted 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.

- Step-2: Authorization letter-** Eligible and Interested Bidders to submit duly signed and stamped letter on Bidder's letterhead indicating a. Tender Enquiry number
- b. Name of authorized person
  - c. Contact number
  - d. E-mail id
  - e. Details of submission of Tender Participation Fee

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 [ravi.shingare@tatapower.com](mailto:ravi.shingare@tatapower.com) & [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 detailed bid submission.

Please note all future correspondence regarding the tender, bid submission, bid submission date extension, Pre-bid query etc. will be done only through Tata Power E-Tender system (Ariba). User manual to guide the bidders to submit the bid through e-Tender system (Ariba) is also enclosed.

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

## **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. Primarily, the work of CHP involves sampling, unloading, screening, crushing (if need be), stacking, reclaiming and bunkering of coal receipt from various systems through different transportation medium. However, the process of sampling is one of the critical processes 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 from the rail wagons in time bound manner.

The coal is transported to Jojobera Power Plant mainly through railways. The requirement of Jojobera Power Plant is approximately 7000-7500 Tons of coal per day, and hence for continuous supply of it, optimum coal movement becomes necessary.

**2. COAL MOVEMENT:**

The Coal movement starts with arrival of the railway rake, each having 56 to 59 wagons with a carrying capacity of 59 tons to 67 tons per wagon, which in-turn implies approximately 3,953 tons per rake. The workers in the Locomotive Section then take over the movement from the Railway and bring the same to the desired unloading location. Prior to unloading of coal, the personnel from the chemical department manually collect the samples of the coal from the wagons as per standards stipulated under ISO 436 Part-1 for coal sampling.

The wagons are then sent to the tipplers where each wagon is weighed at weighbridge (tare weight subtracted to arrive at the weight of coal received) and then unloaded. The two wagon tipplers annually unload approximately 550-600 rakes of coal for continuous supply of coal to Jojobera Power Plant and maintain the reliability of the Units.

**3. FREE LOADING / UN-LOADING TIME:**

The free time allowed for unloading of coal from BOXN wagons through mechanized system is 7 hours. However, any delay beyond the stipulated time leads to demurrage charges is payable towards Indian Railways which is accounted as an additional burden to the Generating Companies. Moreover, as per direction of Indian Railways, the wagons cannot be interchanged across rake. This implies that the same 59 wagons that have come with a rake must go back with that rake. Thus, delay in even unloading one wagon would delay the release of the entire rake, causing Demurrage charges. Therefore, in order to complete the unloading of entire rake within the permissible time, the process of sampling, weighing and tipping is required to be completed in limited time period.

A brief overview of Owner and Site is given below:

<b>Site Name</b>	Jojobera Power Plant, 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>Plant Elevation</b>	Above Mean Sea Level
<b>Nearest Rail Head</b>	Tatanagar railway station

<b>Climatic conditions</b>	<b>Temperatures:</b> a) Max. Daily Mean – 33.3 Deg. C b) Min. Daily Mean – 20.7 Deg. C <b>Relative Humidity:</b> a) Maximum – 84% b) Minimum – 24%
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**4. SCOPE OF WORK:**

JPP has the coal linkage of 10-11 Lakh Ton per annum from Tata Steel (West Bokaro) & around 1.0 Lakh Ton as (Reject + trailing), 10.26 Lakh Ton from CCL, 2.26 Lakh Ton from ECL and around 0.5 Lakh Ton from NCL to run the plant at 85% PLF.

PLF total annual requirement is around 26.0 Lakh MT per annum (The balance quantity, if any, would be procured through E-auction from BCCL/CCL/ECL). The part of ACQ of BCCL/CCL may be shifted to any other coal subsidiary as per the operational requirement. Thus, the monthly requirement of coal at JPP with its all the Units running would be around 2.2 to 2.5 lacs MT. Out of the total coal sources, around 95% of the coal are currently being supplied by Rail Mode through Tatanagar Railway Siding (or any other in future) and the balance by road.

Detailed Scope of Work/ Technical Specifications, Terms & Conditions shall be provided in the Bid Documents (at stage of Tender RFQ), which shall be made available to interested parties' submitting valid EOI and Tender Fee as prescribed below.

**5. 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 25.08.2022 EoD**. Request for Bid Document/EOI will be not be entertained beyond this deadline.
- b) Interested parties to submit Non-Refundable tender fee, as indicated in the table above, in the form of crossed demand draft/banker's cheque/pay order/ NEFT (details given in table below) in the name of "The Tata Power Co. Ltd." payable at par at all branches in Mumbai 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) with NEFT details (if the tender fee is paid using NEFT) on Bidder's letterhead. It is mandatory to mention Tender Reference no. in the said letter

Details for payment of Tender Fee and EMD:	
Bank details for submitting Tender fees through bank transfer/ NEFT:	Beneficiary Name: THE TATA POWER CO LTD Name of the Bank : STATE BANK OF INDIA Branch : BISTUPUR, JAMSHEDPUR Account No : 11008730607 IFSC : SBIN0000096
Deadline for tender fee payment and submission of EOI through email:	<b>25<sup>th</sup> Aug 2022</b>



- v. Bidder should be a reputed service provider.
- vi. 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.

**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. 3 Crores or its equivalent in any other currency related to tender business only.
- ii Single Order of 2 to 3 Cr Package Value should have been executed in last five years.
- iii Bidder to submit the following supporting documents:
  - o Certified Copy of GST registration and GST return for last Two Years.
  - o Certified Copy of Bank statement of the Bidders for last Two Years.
  - o Audited Balance Sheet of Bidders for last Two Years.

**8. BIDDING PROCESS:**

- a) Detailed Bid Document (also referred as RFQ) shall be issued through Tata Power e-tender portal (SAP Ariba System) only to the parties submitting a valid EOI as per terms mentioned in this Tender Notice.
- b) Bidders to note that bidding for subject tender may be conducted through Ariba online portal/e-auction. Detailed bidding and auction process shall be detailed during RFQ/Bidding Stage.
- c) 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.