

ENQUIRY REF NO. TPCL/CC/FY27/TS L_Neelachal_Proje ct /SC/002	THE TATA POWER COMPANY LIMITED 3 X 67.5 MW CO-GENERATION POWER PLANT AT TSL NEELACHAL PROJECT	NI-EOI
	DEMINERALISATION PLANT AND AUXILIARIES NOTICE INVITING EXPRESSION OF INTEREST (EOI)	SHEET 1 OF 7

**OWNER:
INDUSTRIAL ENERGY LIMITED (IEL)**

**PROJECT MANAGER:
THE TATA POWER COMPANY LIMITED**

**PACKAGE:
EPC CONTRACT FOR DEMINERALISATION PLANT FOR 3 X 67.5 MW CO-
GENERATION POWER PLANT AT TSL NEELACHAL PROJECT
FOR
TSL NEELACHAL PROJECT**

**AT SITE:
TSL NEELACHAL PROJECT KALINGANAGAR INDUSTRIAL COMPLEX,
NEAR DUBURI VILLAGE, JAJPUR DISTRICT, ODISHA, INDIA**

ENQUIRY NO: TPCL/CC/FY27/TSL_NEELACHAL_PROJECT/SC/002

NOTICE INVITING EXPRESSION OF INTEREST (EOI)



JUN-2026

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Enquiry reference no.: CC27SC002
Title of Work: EPC contract for Demineralisation Plant for 3 x 67.5 MW co-generation power plant at TSL Neelachal Project
Type of Bidding: E-tendering (through Ariba online portal) / Two Part (Technical and Price bids under separate envelopes)
Contact Details: All communication including EOI submission shall be addressed to following officer/s: Mr. Saurabh Chaudhari Email: saurabh.chaudhari@tatapower.com Copy of all communications shall be marked to (Cc): Mr. Ravi Shingare Email: ravi.shingare@tatapower.com Mr. P Ramrayka Email: p.ramrayka@tatapower.com

The Tata Power Company Limited Invites Expression of Interest (EOI) from interested parties for the Two-Part e-Tendering Process of following Relevant Work Package:

Table1 – Tender Summary

Package Details	Tender Fee	Bid Security
EPC contract for demineralisation plant for 3 x 67.5 MW co-generation power plant at TSL Neelachal Project	INR 2000/- (INR Two Thousand Only). <i>To be submitted along with EOI.</i>	INR 40,00,000/- (INR Forty Lakhs only). <i>(Bid Security to be submitted as a Bank Guarantee or through RTGS or Demand Draft at the BID stage and not with EOI)</i>

1. INTRODUCTION:

The Tata Power Company limited is hereby inviting Expression of Interest (EOI) from interested and eligible parties for " EPC contract for demineralisation plant for 3 x 67.5 MW co-generation power plant at TSL Neelachal Project" Kalinganagar Industrial Complex, near Duburi village, Jajpur district, Odisha, India.

2. SCOPE OF WORK:

The scope of work under this Package shall include, but shall not be limited to, the following:

General Scope:

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1. Design, Engineering, Manufacturing, Inspection and testing, insurance, transportation to site, unloading and handling at site, storage, erection, supervision, pre-commissioning, completion of facilities etc., conducting performance guarantee test and handing over to Tata Power of complete Demineralization Plant as described in Engineering specification no GE00504-V001-00-M-SP-005, Rev:A including extending all necessary support to obtaining No Objection Certificate from local authority to Tata Power & as per Statutory Guidelines.
2. Design, Engineering, Supply, Installation, Testing & Commissioning of complete Chemical Laboratory facilities, including laboratory furniture, equipment, instruments, utilities, piping, electricals, ventilation, safety systems and all associated accessories, on turnkey basis, as per approved drawings, technical specifications, applicable standards, and statutory requirements.

2.1. Treatment Plant:

2.1.1. Two (02) working and One (01) standby number of filters each of vertical type pressure sand filters and vertical type activated carbon filters, if required.

- a. One (01) number of rectangular filtered water storage tank.
- b. Two (02) working, One (01) standby and One (01) future number of filtered water transfer pump.
- c. One (01) working and One (01) standby number of filter backwash pump.
- d. Waste backwash collection tank.
- e. One (01) working and One (01) standby number of waste backwash water transfer pump.

2.1.2. DM Plant units

- a. Strong Acid Cation Exchanger (CX)
- b. One (01) working and One (01) future number of Degasser Tower
- c. One (01) number of Degassed Water Storage Tank (DGWST) and Pumps
- d. One (01) working, One (01) standby and One (01) future number of Degasser Blower
- e. Strong Base Anion Exchanger (AX)
- f. Mixed Bed Exchanger (MB)
- g. One (01) working and One (01) standby number of Air Blower for Mixed Bed Exchanger (MBX)
- h. Regeneration of Cation Exchanger and Cation Bed of Mixed Bed Exchanger
- i. Regeneration of Anion Exchanger and Anion Bed for Mixed Bed Exchanger
- j. Regeneration Wastewater Collection Tank

2.1.3. Ultrafiltration plant

- a. One (01) number of UF Feed Tank (UFT)
- b. One (01) number of Auto Self Cleansing Filter per each UF stream
- c. One (01) number of UF feed pump per each UF stream and One (01) number as common standby.
- d. Ultrafiltration skids
- e. Backwash and chemical dosing system for UF
- f. DM water storage tank

2.1.4. Chemical storage

- a. Two (02) number of Preparation/Dosing tank

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- b. One (01) working and (01) standby number of dosing ump

2.1.5. Other requirements

- a. ECR
- b. PLC room
- c. Office room
- d. Chemical laboratory

2.2. Pumps and pipeworks:

- 2.2.1. Two (02) number of vertical centrifugal dewatering pump for each dewatering pit.
- 2.2.2. Complete carbon steel. Stainless steel and CPVC piping work with isolation valves and flow meters.

2.3. Electrical and instrumentation system:

- 2.3.1. Complete electrical systems for DM plant and auxiliaries.
- 2.3.2. LV switchgears, Power distribution boards, LT Power & Control Cables, cable trays, earthing, lighting protection and ACDB/DCDB/UPSDB.
- 2.3.3. Fixed Speed LV AC Motors and accessories and Low Voltage AC Motors (Variable Speed).
- 2.3.4. Local Push button station, socket outlets, power junction box, control junction box and Actuators for Motorised Valves.

- 2.4. Detailed Scope of Work: The detailed Scope of Work, Owner's Requirements, Limits of Supply, Exclusions, Technical Specifications, Performance Guarantees and Acceptance Criteria shall be as defined in Volume-II: Technical Specification, which shall form an integral part of this Contract.

3. TENDER FEE & TIMELINES:

- 3.1. Interested parties meeting the "Bidder Pre-Qualification Requirements" 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.

3.2. 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): Saurabh.chaudhari@tatapower.com
- Must Mark a copy to (Cc): ravi.shingare@tatapower.com and p.ramrayka@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.

- 3.3. Tender Fee, as indicated in the Table1 above may be paid through **NEFT** as per details for payment of Tender Fee given in Table 2 below:

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Table 2

Details for payment of Tender Fee:	
Bank details for submitting Tender fees through bank transfer / NEFT:	Beneficiary Name: The Tata Power Company Limited Bank Name: HDFC Bank A/c no: 00600110000763 IFS Code: HDFC0000060 A/c type: CC Branch Name & Address: HDFC Bank, Maneckji Wadia Building, Nanik Motwani Marg, Fort, Mumbai 400023
Deadline for tender fee payment and submission of EOI:	25th June, 2026

3.4. Expression of Interest letter to be submitted along with tender fee payment details should include the following details:

- A covering letter duly stamped and signed by an authorized signatory clearly indicating the Tender Reference number and your EOI to participate in the tendering process.
- Tender fee payment details / reference no (ensure that tender fee is received by us within specified deadline)
- Bidder to indicate authorized person name, contact number and e-mail id (mandatory) of the person to whom RFQ / tender and all other communications to be addressed for this tender.

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

4. BIDDER PRE-QUALIFICATION REQUIREMENTS:

Interested parties to note that Bidder shall be required to fulfill the following bidder pre-qualification requirement / 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 and bidders not found meeting the pre-qualification requirements given below will be disqualified from the tender.

4.1 TECHNICAL REQUIREMENT:

Bidder should have experience in Basic and Detailed Engineering, Procurement, Construction, Pre-commissioning, and Commissioning of the treatment for the following plants in India:

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(i) Two (2) Demineralisation plants with Mixed bed polisher having individual stream capacity of minimum 100 m³/hr in each reference plant. Each plant shall have consistently achieved treated water quality of conductivity < 0.1 μS/cm.

OR

(ii) Two (2) Demineralisation plants with Mixed bed polisher, with a cumulative capacity of all streams in each plant as 150 m³/hr. Each plant shall have consistently achieved treated water quality of conductivity < 0.1 μS/cm

The above plant(s) should have been implemented in last Ten(10) years and shall be in satisfactory operation for a minimum period Two (2) years as on original bid due date. Bidder to submit PO copies with commissioning and performance certificates in proof of the above along with the bid.

Revamp of any Plant will not be considered as a qualifying experience.

4.2 FINANCIAL REQUIREMENT:

Bidder shall have an Average Annual Turn Over of not less than INR 150 Crores during the last three financial years.

4.3 SUPPORTING DOCUMENTS (to be submitted with Technical Bid):

- a) PO Copy, from the concerned client in support of RO plant with supplied material in operation.
- b) Experience details should be submitted as per the following table format:

1	2	3	4	5	6
Sl. No.	Client details/ plant details/ capacity	Order No. Date & Year	Quantity supplied	Order value	Brief details of material

5. BID SECURITY / EMD:

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/ DD/ RTGS**, 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.

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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.

6. BIDDING PROCESS:

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.