



**OWNER:  
THE TATA POWER COMPANY LIMITED**

**TITLE OF WORK TO BE AWARDED:**

**Supply and Installation of Phase Synchronizing Device (PSD) for 420 kV Circuit  
Breakers**

**at**

**Mundra Thermal Power Station (MTPS), Gujarat**

**ENQUIRY REFERENCE NO.: 4100060175**

## NOTICE INVITING EXPRESSION OF INTEREST (EOI)

<b>Enquiry reference no.:</b> 4100060175
<b>Title of Work:</b> Supply and Installation of Phase Synchronizing Device (PSD) for 420 kV Circuit Breakers.
<b>Type of Bidding:</b> E-tendering (through Ariba online portal) / Two Part (Technical and Price bids under separate envelopes)
<b>Contact Details:</b> All communication including EOI submission shall be addressed to following officer/s: Mr. Punit Jain Email: <a href="mailto:punit.jain@tatapower.com">punit.jain@tatapower.com</a>  Copy of all communications shall be marked to (Cc): Mr. Aseem Kumar Joshi Email: <a href="mailto:aseemkumar.joshi@tatapower.com">aseemkumar.joshi@tatapower.com</a>

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:

**Table 1 - Tender Summary**

<b>Package Details</b>	<b>Tender Fee</b>	<b>Bid Security</b>
<b>:Supply and Installation of Phase Synchronizing Device (PSD) for 420 kV Circuit Breakers</b>	<b>INR 2000/-</b> (INR Two Thousand Only). <i>To be submitted along with EOI.</i>	<b>INR 35000 /-</b> (INR Thirty five thousand Only). <i>Bid Security to be submitted as a Bank Guarantee or RTGS or Demand Draft at the BID stage and not with EOI</i>

### 1. INTRODUCTION:

The Tata Power Company Limited (TPCL) 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.

Mundra Thermal Power Station (A Tata Power Division) has implemented the 4150 MW UMPP near the port city of Mundra in the state of Gujarat in India. This UMPP is India's first 830 MW unit thermal power plant using supercritical technology. MTPS operates on imported coal on pulverized coal-based boiler technology. The generating plant is in Tunda village of Mundra district in the state of Gujarat, India.

The tendering activities for this Project are being managed from Tata Power's following Office:

The Tata Power Company Limited,  
Mundra Thermal Power Station - Ultra Mega Power Plant,  
(Formerly a Unit of Coastal Gujarat Power Limited),  
Tunda-Vandh Road, Tunda Village, Mundra, Kutch 370 435, Gujarat.

## 2. SCOPE OF WORK:

The vendor shall be responsible for testing, commissioning, configuration, validation, and documentation of the new Phase Synchronizing Device (PSD) for the Generator Transformer circuit breaker system, including all associated hardware, wiring, software, and services, as detailed below.

### 1. Testing & Commissioning

- Testing and commissioning of new PSD-02, including 100% verification of all wiring and terminations.
- Verification of CT and CVT secondary wiring, polarity, burden, and signal healthiness required for reliable PSD operation.
- Carrying out all functional tests, point-on-wave switching verification, and overall performance validation of the PSD.

### 2. Configuration & Parameterization

- Configuration, parameter setting, and tuning of PSD for the Generator Transformer circuit breaker to achieve optimum point-on-wave controlled switching.
- Configuration of PSD controller for controlled closing and opening of 420 kV Siemens 3AP2FI circuit breaker.
- Provision and configuration of PSD bypass logic, ensuring safe operation of the circuit breaker in bypass mode.

Detailed Technical details & BOQ shall be provided in the Tender / RFQ document to all potential bidders submitting the valid EOI with tender fees within deadline of submission.

## 3. TENDER FEE & TIMELINES:

a. 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 the deadline specified below. Request for extension of EOI submission date will be not entertained.

**b. 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): [punit.jain@tatapower.com](mailto:punit.jain@tatapower.com)
- Must Mark a copy to (Cc): [aseemkumar.joshi@tatapower.com](mailto:aseemkumar.joshi@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.

- c. Tender Fee, as indicated in the Table 1 above may be paid through **NEFT** as per details for payment of Tender Fee given in Table 2 below:

Table 2

Details for payment of Tender Fee:	
Bank details for submitting Tender fees through bank transfer / NEFT:	Beneficiary Name: TATA POWER CO LTD Bank Name: STATE BANK OF INDIA A/c no: 30545457373 IFS Code: SBIN0009995 A/c type: CURRENT ACCOUNT Branch Name & Address: CAG BRANCH, NEVILLE HOUSE, 23 J N HEREDIA MARG, BALLARD ESTATE, MUMBAI-400001
Deadline for tender fee payment and submission of EOI:	<b>21th Feb 2026</b>

- d. **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 number (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.

- e. 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 the 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 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:

- The bidder shall be a Manufacturer of Phase Synchronizing Device (PSD) or an Authorized Supplier of the Manufacturer having an authorized service centre facility in India.
- The bidder must have experience in supply, installation, testing and commissioning of PSD systems for 400 kV EHV Siemens circuit breakers during the last 3–5 years.
- Minimum three numbers of PSD systems supplied by the bidder shall be in satisfactory commercial operation for at least three years as on the bid opening date.
- The bidder shall submit copies of last three purchase orders of similar PSD works along with completion and performance certificates as proof of experience.
- The bidder shall furnish valid Type Test Reports from NABL/International Accredited Laboratory and provide minimum three years warranty for the offered PSD.
- Performance Certification: The bidder shall submit performance certificates from end users confirming satisfactory operation of PSD for a minimum period of three (03) years.

#### 4.2 FINANCIAL REQUIREMENT:

Bidder / Tenderer should have minimum Average Annual Turn-over of Rs. 50 Lakhs (Indian Rupees Fifty Lakhs) during last 3 financial years (**Attach Certificate from Chartered Accountant in this regard**)

It may be noted that the above requirements are minimum qualification criteria. However, Tata Power reserves its right to further assess the capabilities of the parties and reserves its rights to further shortlist, accept or reject any party without assigning any reason.

#### 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 or Demand Draft or 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.

**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.