



**OWNER:
THE TATA POWER COMPANY LIMITED**

TITLE OF WORK TO BE AWARDED:

**Supply of a 3-Phase, 6.6kV, 425kW Squirrel Cage Induction Motor for an Atlas
Copco Air Compressor at
MUNDRA THERMAL POWER STATION (MTPS), GUJARAT**

ENQUIRY REFERENCE NO.: 1500018601

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Enquiry reference no.: 1500018601
Title of Work: Supply of a 3-Phase, 6.6kV, 425kW Squirrel Cage Induction Motor for an Atlas Copco Air Compressor at Tata Power-Mundra.
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: Name: Mr. Vinodsingh Email: vinod.singh@tatapower.com Copy of all communications shall be marked to (Cc): Name: Mr. Aseemkumar Joshi Email: aseemkumar.joshi@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:

Table 1 - Tender Summary

Package Details	Tender Fee	Bid Security
Supply of a 3-Phase, 6.6kV, 425kW Squirrel Cage Induction Motor for an Atlas Copco Air Compressor at Tata Power-Mundra	INR 2000/- (INR Two Thousand Only). <i>To be submitted along with EOI.</i>	INR 60,000/- (INR 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 scope of work includes the following:

a. Design Verification and Documentation

- Review and verification of existing motor technical specifications and mounting dimensions (Marathon make).
- Ensuring form-fit-function compatibility with the existing motor.
- Submission of GA drawing, performance curves, thermal and mechanical data for approval.

b. Manufacture and Testing

- Design, manufacture, and routine testing of the HT motor as per IS/IEC standards.
- Type tested or valid type test reports from NABL-accredited lab (preferred).
- Factory Acceptance Test (FAT) in the presence of purchaser (if applicable).

c. Packing and Delivery

- Packing suitable for transport to site, including lifting lugs and protection against ingress of moisture/dust.
- Delivery to designated plant/station location.

d. Optional (If Applicable)

- Supervision of installation and commissioning.
- Performance guarantee for a period of 12–24 months.

Technical Specification of HT Motor

Parameter	Requirement
Rated Power	425 kW
Rated Voltage	6.6 kV, 3-phase
RPM	1488
AMP	43
Connection	STAR
Duty	S1
Frame	DC355F3
Effi.	95.5%
Frequency	50 Hz
Motor Type	Squirrel Cage Induction Motor
Mounting	Horizontal foot mounted (B3)
Cooling	IC611 or IC81W (as per site requirement)
Enclosure	TEFC / Weatherproof / IP55
Duty	S1 (Continuous)
Insulation Class	F Class, temperature rise limited to Class B
Starting Method	Through HT soft starter or VFD compatible

Parameter	Requirement
Bearing Type	Antifriction (or sleeve if existing is sleeve)
Terminal Box Position	Top or side (as per existing motor)
Direction of Rotation	Clockwise (when viewed from drive end)
Ambient Conditions	50°C max, 100% RH, Dusty, Industrial
Standards	IS 325 / IEC 60034 or equivalent

Note: Vendor to match all critical mechanical parameters with the existing Marathon motor including shaft dia, key, DE/NDE mounting, terminal box orientation, base dimensions, etc.

Bill of Quantities (BOQ)

Sl. No.	Item Description	Qty	Unit	Remarks
1	3-Phase, 6.6 kV, 425 kW Squirrel Cage Induction Motor	1	No	With TEFC, IP55, Class F/B, B3 Mounting
2	Terminal connectors/lugs suitable for 6.6 kV termination	1	Set	Compatible with existing HT cables
3	Foundation bolts and mounting hardware	1	Set	As required
4	Copy of test certificates and inspection report	1	Lot	Routine test as per IS/IEC standard
5	Drawing and Documentation (Hard + Soft Copy)	1	Set	GA, Terminal, Wiring, Performance curves
6	Tools and accessories (if any)	1	Set	For maintenance or installation

Safety requirement (As per Tata Power safety guidelines):

Note: Tata Power reserves the right of revisions/changes in the job scope whenever required and the same shall be intimated to contractor.

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): vinod.singh@tatapower.com
- Must Mark a copy to (Cc): 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:	7th July 2025, CoB

- 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:

- 5 Vendors must fulfil the following minimum technical and commercial criteria:

Criteria	Requirement
Experience	Supplied at least 5 HT motors (≥ 400 kW, 6.6 kV) in the last 5 years
Client References	Minimum 2 end-user references with contact details

Criteria	Requirement
OEM Capability	Motor must be manufactured by an OEM having ISO 9001 certification
Testing Facility	In-house or NABL-accredited lab for routine and type testing of HT motors
Authorized Dealer	Valid dealership certificate if vendor is not an OEM
Delivery Commitment	Ability to supply the motor within 12–14 weeks from date of PO
After Sales Support	Local service centre or authorized representative within 400 km of site
Compliance	Confirmation of compliance with IS 325 / IEC 60034
Warranty	Minimum 18 months from supply or 12 months from commissioning, whichever is earlier

4.2 FINANCIAL REQUIREMENT:

Bidder / Tenderer should have minimum Average Annual Turn-over of Rs. 100 Lakhs (Indian Rupees Hundred Lakhs only) during the 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.