



**OWNER:
THE TATA POWER COMPANY LIMITED**

**TITLE OF WORK TO BE AWARDED:
SUPPLY, RETROFITTING AND COMMISSIONING OF NUMERICAL PROTECTION RELAYS
AND INTEGRATION WITH ABB MICRO SCADA**

**AT
MUNDRA THERMAL POWER STATION (MTPS), VILLAGE - TUNDA,
MUNDRA, KUTCH, GUJARAT**

ENQUIRY REFERENCE NO.: CC26KNC003



NOTICE INVITING EXPRESSION OF INTEREST (EOI) FOR-

Supply, Retrofitting and Commissioning of Numerical Protection Relays and Integration with ABB Micro Scada at Mundra Thermal Power Station

Enquiry reference no.: CC26KNC003
Title of Work: Supply, Retrofitting and Commissioning of Numerical Protection Relays and Integration with ABB Micro Scada
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. Nagdhar C Kandi Email: nkandi@tatapower.com
Copy of all communications shall be marked to (Cc): Mr. P Ramrayka Email: p.ramrayka@tatapower.com

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

Table 1

Package details	Tender Fee	Bid Security	Estimated package value
The Tata Power Company Limited, Mundra Thermal Power Station - 5X800 MW Ultra Mega Power Plant, formerly a Unit of Coastal Gujarat Power Limited ,Tunda-Vandh Road, Tunda Village, Mundra, Kutch 370 435, Gujarat	INR 2000/- (INR Two Thousand Only) <i>To be submitted along with EOI</i>	INR 2,00,000/- (INR Two 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>	Approx. 2 Crores

1. INTRODUCTION:

Tata Power Company limited is hereby inviting Expression of Interest (EOI) from interested and eligible parties for **Supply, Retrofitting and Commissioning of Numerical Protection Relays and Integration with ABB Micro Scada at Mundra Thermal Power Station, 4000 MW (800 x 5 units) UMPP** near the port city of Mundra in the state of Gujarat in India

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

Smart Center of Procurement Excellence (SCOPE),
Corporate Contracts,
The Tata Power Company Limited,
2nd Floor, Sahar Receiving Station, Near Hotel Leela,



Sahar Airport Road, Andheri East, Mumbai – 400 059.
Maharashtra, India.

2. SCOPE OF WORK:

The brief scope of work shall comprise of Supply of Equivalent Numerical relays to our existing ABB & Micom Make Relays as per Model and Quantity mentioned below retrofit and Commission numerical protection relays and Integration with ABB Micro Scada.

Sr.No	Existing Relay Model	Application	Qty	Project Plan
1	REF541KM15AAAA Uaux:110V-240V AC/DC ,Un:100-120V (U,U0) In:1/5A ,0.2/1A (I0,I0b) ,In=1/5A , Fn=50/60 Hz with IEC61850 Communication Protocol Make:ABB	Incomer	15	FY-26
2	RET543AB244AAAA Uaux:110V-240V AC/DC ,Un:100-120V (U,U0) In:1/5A ,0.2/1A (I0,I0b) ,In=1/5A , Fn=50/60 Hz with IEC61850 Communication Protocol Make:ABB	Trafo Feeder	3	FY-26
3	RELAY,7SJ6611-5EB90-1FE0-L0S-ZY13,	Trafo Feeder	3	FY-26
4	REM543 ,CT sec - 1A, Aux volt 80-265 VDC, 6CT+3VT channel, comm. Protocol : IEC61850. (For Motor protection) REM543CG216AAAA/110022	Motor Feeder	30	FY-26
5	REF615 HBFEAEAGNAA1BNN1XC Make:ABB Aux Supply : 100-230V AC/DC with IEC61850 Communication Protocol Make:ABB	Motor differential	21	FY-26
6	MICOM P343 Aux Supply : 100-230V AC/DC with IEC61850 Communication Protocol Make:Micom		2	FY-26
7	Relay retrofitting		68	FY-26
8	Relay SCADA intergation wi		68	FY-26

Sr.No	Existing Relay Model	Application	Qty	Project Plan
1	REF541KM15AAAA Uaux:110V-240V AC/DC ,Un:100-120V (U,U0) In:1/5A ,0.2/1A (I0,I0b) ,In=1/5A , Fn=50/60 Hz with IEC61850 Communication Protocol Make:ABB	Incomer	7	FY-27
2	RET543AB244AAAA Uaux:110V-240V AC/DC ,Un:100-120V (U,U0) In:1/5A ,0.2/1A (I0,I0b) ,In=1/5A , Fn=50/60 Hz with IEC61850 Communication Protocol Make:ABB	Trafo Feeder	3	FY-27
3	RELAY,7SJ6611-5EB90-1FE0-L0S-ZY13,	Trafo Feeder	3	FY-27
4	REM543 ,CT sec - 1A, Aux volt 80-265 VDC, 6CT+3VT channel, comm. Protocol : IEC61850. (For Motor protection) REM543CG216AAAA/110022	Motor Feeder	56	FY-27
5	REF615 HBFEAEAGNAA1BNN1XC Make:ABB Aux Supply : 100-230V AC/DC with IEC61850 Communication Protocol Make:ABB	Motor differential	31	FY-27
6	Relay retrofitting		94	FY-27
7	Relay SCADA intergation wi		94	FY-27

Detailed Scope of Work for this Contract shall be provided in the Tender / RFQ document to all potential buyers submitting the valid EOI with due tender fees.

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 (as indicated in Table 1) payment details to the contact details mentioned below not later than deadline specified below. Request for extension



of EOI submission date will not be entertained and EOIs submitted beyond this deadline may be liable for rejection.

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:	01st July 2026

4. BIDDER PRE-QUALIFICATION REQUIREMENTS:

Bidder must 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:

- a) Bidder should have minimum 10 years of experience in Supply and Manufacturing of Protection Relay.
- b) Bidder shall provide 01 Purchase Orders of execution of Relay Retrofitting.
- c) Bidder shall be manufacturer of Relay and Supply of Equivalent Relay with existing protection of ABB Relay

4.2 FINANCIAL REQUIREMENT:

- a) Bidder must have an Average Annual Turn Over of not less than Rs. 5 Crores during the last three financial years.

4.3 SAFETY REQUIREMENT:

- a) Bidder should preferably have ISO 9001 / ISO 14001 / ISO 45001 certification or must give an undertaking for its willingness to obtain the same within 2 months of qualification for the work.

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

- a) Valid ISO Certificates True Copy
- b) PO Copy, Completion Certificate from the concerned client in support of successful execution of jobs /reference projects to be submitted as per the following table format:

1	2	3	4	5	6
Sl. No.	Client details/ Power plant details	Order No. Date & Year	Date of execution	Order value	Details of scope of work

- c) Audited Balance Sheet and Profit & Loss Statement of previous three completed financial years reckoned from the date of application. In case the audited documents are not ready / available, then certified copy by a registered practicing Chartered Accountant may be submitted.

5. BID SECURITY / EMD (to be submitted along with RFQ and not with EOI)



Interested parties to note that Bidder is required to furnish a Bid Security along with their Bid (only during Bid Submission stage), as a Bank Guarantee (in the format prescribed in Bid Document) or as NEFT/RTGS/DD for an amount of INR 2,00,000/- (Indian Rupees Two Lakhs Only). 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.

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.