



**OWNER:
THE TATA POWER COMPANY LIMITED**

TITLE OF WORK TO BE AWARDED:

**Three years Rate Contract for Miscellaneous Electrical works
at
MUNDRA THERMAL POWER STATION (MTPS), GUJARAT**

ENQUIRY REFERENCE NO.: 4100071467

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Enquiry reference no.: 4100071467
Title of Work: Three years Rate Contract for Miscellaneous Electrical works.
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. Gyan Brat Sahu Email: gyan.sahu@tatapower.com Copy of all communications shall be marked to (Cc): Name: Mr. Aseem Kumar 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
Three years Rate Contract for Miscellaneous Electrical works at Tata Power-Mundra.	INR 2000/- (INR Two Thousand Only). <i>To be submitted along with EOI.</i>	INR 60,000/- (INR Sixty 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: Scope of services shall be as below:

1. Structural steel fabrication:

- Shifting of structural steel (Angel, channel, Plate etc) from store to where it is being fabricated. (If required TATA POWER will provide Hydra)
- Painting of steel with one coat of primer before installation and two coat of epoxy paint (RAL7032 Siemens grey) after installation.
- Cutting of steel as per required size will be scope of the vendor.
- Welding rod, anchor fastener of proper size, welding machine, gas cutting set etc & consumable items will be in scope of vendor.
- Structural steel fabrication will be done as per the guideline of the TATA POWER site engineer & TCE notes and details.
- After completion of work any surplus material needs to be shifted to store.
- Works to be done on all existing pipe rack of TATA POWER carriers system and other location wherever require.
- All necessary safety precaution will be in vendor scope.
- Steel will be provided by TATA POWER at TATA POWER store.
- For fabrication item min. 10 kg rate will be given for item no 1 only.

2. Tray Installation:

- Shifting of cable trays from store to where it is to be installed.
- Tray installation will be done as per guideline of the TATA POWER site engineer & TCE notes and details
- Trays should be tag welded with steel tray supports
Painting of welded area should be done with silver paint.
- Tray connecting clamps/coupling plate shall be scope of TATA POWER and GI nut bolts and washer will be in scope of vendor.
- Suitable tray bend preparation will be scope of vendor
- After completion of work any access material needs to be shifted to store.
- Tray identification need to do wherever require as per TCE guideline or TATA POWER site engineer.
- Works to be done on all existing pipe rack of TATA POWER carriers system and other location wherever require.
- All necessary safety precaution will be in vendor scope.
- Tray will be issue by TATA POWER.

3. Earthling work:

- Tray earthing should be done with 25 X 3/6 mm GI flat at the interval of 15 mtr. (If Required TATA POWER will provide hydra)
- All welded joints need to be painted with two coat of silver paint.
- Earthing should be done as per TCE guidelines and TATA POWER site engineer.
- Works to be done on all existing pipe rack of TATA POWER carriers system and other location wherever require.
- All necessary safety precaution will be in vendor scope.

- Earth flat will in TATA POWER scope.

4. Cable laying:

- Shifting of cable from store to where it is to be laid. (if required TATA POWER will provide hydra)
- Cable laying should be done as per TCE guidelines and TATA POWER site engineer.
- Cable dressing needs to be done with nylon cable tie/rope, clamping should be done with Aluminium clamp and GI clamp (upto 25x6mm), in case of 1 core cable it must be laid in trefoil shape and standard trefoil clamp needs to be used for clamping. Cable tie will be scope of vendor for preparation of clamp TATA POWER will provide 25 X 6 mm GI strip only other GI hardware will be scope of vendor, Supply of Trifoil clamp is scope of TATA POWER
- Cable will have to lay underground/in the tray. In Case of laying in tray standard size aluminium cable tag needs to be provided at the interval of 20 mtr and at each bend. In case of Underground cable proper route markers needs to be provided at the interval of 15 mtr.
- After completion of work any leftover cable/cable drum shall be returned to the store. (If required TATA POWER will provide hydra)
- All cable laying to be done on existing pipe rack of cable and other location as per guidelines of EI.
- All necessary precaution will be in vendor scope. If Required TATA POWER will provide scaffolding.

5. Cable termination and straight joint:

- In case of LT cable, glanding, lug crimping and end termination/straight joint shall be made Suitable to the point of termination as per TATA POWER site engineer guideline. Lug crimping shall be done with hydraulic crimping above 70 sqmm cable and below that manual crimping machine can be used.
- In case of HT cable end termination/straight joint the jointer must possess requisite certificate. End termination/straight joint will have to be done under supervision/concurrence of TATA POWER's representative.
- TATA POWER will provide cable gland, lugs and straight/ end termination kit, other than these all consumable/ non consumable material and tools to complete the work will be in cope of vendor.

6. Cable fault locator (HT and LT of all size and max. length 18 Km, 3cx500sqmm, 11kv exist at site):

- Cable fault measurement will be done as per below:
Cable fault charges = Fixed Charges (one time per day) + Variable charges
- Excavation for the pin pointing of the fault shall be scope of vendor.
- Cable fault locator kit charge will be given on 24 hr basis. 0-24hrs one day, 25-48hrs 2 days and so on. For faulty kit no charge will be paid.
- If kit is faulty than no charges will be given.
- Identified fault to be verify with TATA POWER engineer before start the work of rectification.
- We have 3C X 500 Sqmm 18 Km long cable in tray/underground so kit shall be suitable to identify the fault in 18 km long cable fault.

- After intimation of the TATA POWER, vendor has to arrange fault locator kit within 24 Hrs.
- For fault finding purpose and because of kit limitation TATA POWER will not allow to cut any cable. In such cases vendor has to arrange another suitable kit within 12hrs.
- After identification of the fault in Cable all other activity shall be carried out under other line items of this order.

7. Excavation work for underground cable:

- Excavator or any heavy machines required shall be scope to the vendor.
- For min. excavation amount of 20 mtr to be given if JCB is used or else manual excavation line item will execute as per manual excavation rate.
- Excavation, back filling and earth compaction of the cable trench with depth of 1000 mm and width of 750 mm.
- Excavated trench shall be cleaned for any stones after that 80 mm bed of river sand below the cable and 100 mm river sand above the cable shall be prepared.
- 1 layer of Cement brick of suitable size to be installed above the sand bed.
- Cable route marker of suitable size to be installed at the interval of 15 mtr.
- Work to be executed as per TCE notes and details.

8. Electrical Panel shifting and installation:

- Panel shifting from store to location where it is to be installed is scope of vendor
- Hydra and tractor is in scope of the vendor.
- For the installation of the electrical panel necessary arrangement like frame preparation, grouting, anchor fastener etc will be scope of the vendor.
- Frame and earthing cost will be covered in line item of structural steel fabrication.
- Except steel all required material shall be scope of the vendor.
- After installation of JB proper identification with letter writing is in vendor scope.

9. Cable dressing (HT and LT) work in Cable tray:

- Suitable size cable tie shall be scope of the vendor. for clamp preparation earth flat (25 X 6 mm) will be provided by TATA POWER. However, clamp preparation, hardware (GI) and nylon binding wire is in vendor scope.
- Cable dressing to be done in running mtr of cable tray irrespective of no. of LT/HT/Control/FO cable in tray.
- Works to be done on all existing pipe rack of TATA POWER carriers system and other location wherever require.
- All necessary safety precaution will be in vendor scope.

10. Cable saddling work:

- For cable saddling work only cable will be provided by TATA POWER all other required material is in the scope of the vendor.
- Saddling shall be done as per guideline of the TATA POWER engineer with suitable size saddles.
- GI saddles of suitable size to be use.

11. New earth pit installation and connection with grid:

- Earth pit shall be prepared as per TCE Guideline including civil work and cover.
- Earth pit connection shall be done with 65 X 10 mm GS strip to the main grid with removable connection at earth pit end.
- Earth pit resistance without grid connection shall be less than 2 ohms.
- Pit testing and all test value, test date and due date to be write on earth flat cover.

12. Street light pole removal and installation with fixture, JB, cable etc (upto max 12mtr height):

- Hydra or Crane required for street light pole removal/ installation shall be scope of the vendor. New pole shifting from store to where it will be installed shall be scope of the vendor.
- After removal, old pole shifting to store shall be scope of the vendor.
- For pole removal/ installation all required material or tools or special tools shall be scope of the vendor.
- Wherever civil footing require it is excluded from vendor scope.

13. Point wiring work for domestic equipments:

- All required material for wiring work shall be scope of the vendor.
- Cable shall be PVC FR-LSH, 1.1KV, flexible of suitable size (Max up to 6 sqmm)
- Cable shall be supplied by reputed ISI supplier fire category C2 as per IS 694
- 7 mtr length circuit is considered as a one circuit. One circuit consists 1 Phase, 1 Neutral and 1 Earth wire of suitable size.
- All required material shall be scope of vendor TATA POWER will not provide any material.

14. Casing/ Capping work:

- Casing/ Capping size shall be up to 32mm x 12 mm.
- Supply of Casing/ Capping with all necessary bends, T, joints etc shall be scope of vendor with hardware
- Fixing of casing/ Capping shall be scope of vendor,
- All required material shall be scope of vendor TATA POWER will not provide any material.

15. Switch Socket (Anchor Roma):

- Supply of SS combined with box suitable for surface mounting of 5/16A (multi socket 5 pin) shall be scope of the vendor.
- Mounting and installation shall be scope of the vendor.
- All required material shall be scope of vendor TATA POWER will not provide any material.

16. Fibre optic cable splicing job:

The Contractor must provide skilled technicians capable of restoring cut or broken aerial or buried fibre optic cable per industry standards and manufactures specifications. The Contractor must be capable of cutting into and restoring existing ducts without causing harm to the existing cables inside. The Contractor must prepare a written report of the incident; itemized list of materials used,

labour schedule, number of fibres spliced and splice loss readings for each splice, pictures of before and after conditions.

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): gyan.sahu@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:	3 rd October, 2026

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 Requirements:

Criteria	Requirement
Experience	The bidder should have successfully completed similar electrical installation works in the last 5 years , including cable laying (HT/LT), terminations, fabrication of supports, and earthing work, above mentioned job in scope of work.
Skilled Manpower	Bidder must have qualified supervisors and licensed electricians (ITI/diploma with valid certifications) on payroll or contract. All site high risk job to be supervise by safety officer.
Document	Purchase order without price of Electrical misc. service contract must be share in relevant scope of work.
Certifications	Valid License of Electrical Contractors Works from Government of Gujarat, Valid labour license under applicable laws, Valid ISO 9001 certification (desirable: ISO 45001/14001)
Safety Record	Must follow electrical safety standards with no major accidents in last 3 years.
Client References	Provide contact details of at least 2 clients for whom similar works are running or were executed.
Additional Requirements	Ability to provide emergency/24-hour repair services, Capacity to mobilize resources quickly and minimum 10 persons or as per job execute to be arranged in case of emergency
Site Visit:	The bidder must be willing to visit the site before bidding and confirm understanding of the scope.
Disqualification	Incomplete or incorrect information, failure to meet any of the above requirements, or submission of forged documents will result in disqualification .

4.2 Financial Requirements:

Bidder / Tenderer should have minimum Average Annual Turn-over of Rs. 75 Lakhs (Indian Rupees 75 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.