



**OWNER:
THE TATA POWER COMPANY LIMITED**

TITLE OF WORK TO BE AWARDED:

**Supply of Various LED fixtures – 3 Years' Long-Term Contract
at**

MUNDRA THERMAL POWER STATION (MTPS), GUJARAT

ENQUIRY REFERENCE NO.: 1500018831

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Enquiry reference no.: 1500018831
Title of Work: Supply of various LED fixtures - 3 Year Long term contract 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 Mobile : 8866058619 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 various LED fixture - 3 Year Long term contract 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:

The brief requirement is mention below. Detailed Technical details & BoQ for this Contract shall be provided in the Tender / RFQ document to all potential buyers submitting the valid BID with due tender fees.

Sr	Fixture requirement
A	High Bay
1	<p>200W: Fixture power consumption 200W, IP66, IK 10, Ta: ambient temperature min 55 degc and above, Tc: case temperature 105 deg c and above. Suitable for 24X7 continuous running, CCR: 6500K min, CRI > 80, lumens: 170lumens/watt min, MCPCB rating shall be minimum 2W/mk. Vendor to suggest and declare driver component temperature withstand capability/Temperature rating i.e Transformer, MOSFET, Diode, Capacitor, PCB. Vendor to share dimension and weight of fixture. LED LM 80 test report rating upto 105 deg c minimum. Vendor to share details related to model/power/ input range/LED luminous efficacy/system lumens output/light source/Color temperature/total power consumption/Driver efficiency/LED beam angel/Lens temperature with stand capacity/Net weight/ light dimensions/Any other feature/Power factor/CRI/working life/THD/Power frequency/Surge protection/Detail related to thermal management/Recommended height/Mounting details. minimum working life L70B50: 100000 to 750000 Hrs, THD/ optics and cover details/Dimensional drawing with eye bolt and connector details.</p>
2	<p>150W: Fixture power consumption 150W, IP66, IK 10, Ta: ambient temperature min 55 degc and above, Tc: case temperature 105 deg c and above. Suitable for 24X7 continuous running, CCR: 6500K min, CRI > 80, lumens: 170lumens/watt min, MCPCB rating shall be minimum 2W/mk. Vendor to suggest and declare driver component temperature withstand capability/Temperature rating i.e Transformer, MOSFET, Diode, Capacitor, PCB. Vendor to share dimension and weight of fixture. LED LM 80 test report rating upto 105 deg c minimum. Vendor to share details related to model/power/ input range/LED luminous efficacy/system lumens output/light source/Color temperature/total power consumption/Driver efficiency/LED beam angel/Lens temperature with stand capacity/Net weight/ light dimensions/Any other feature/Power factor/CRI/working life/THD/Power frequency/Surge protection/Detail related to thermal management/Recommended height/Mounting details. minimum working life L70B50: 100000 to 750000 Hrs, THD/ optics and cover details/Dimensional drawing with eye bolt and connector details</p>
3	<p>200W: Fixture power consumption 200W, IP66, IK 10, Ta: ambient temperature min 65 degc and above, Tc: case temperature 105 deg c and above. Suitable for 24X7 continuous running, CCR: 6500K min, CRI > 80, lumens: 170lumens/watt min, MCPCB rating shall be minimum 2W/mk. Vendor to suggest and declare driver component temperature withstand capability/Temperature rating i.e Transformer, MOSFET, Diode, Capacitor, PCB. Vendor to share dimension and weight of fixture. LED LM 80 test report rating upto 105 deg c minimum. Vendor to share details related to model/power/ input range/LED luminous efficacy/system lumens output/light source/Color temperature/total power consumption/Driver efficiency/LED beam angel/Lens temperature with stand capacity/Net weight/ light dimensions/Any other feature/Power factor/CRI/working life/THD/Power frequency/Surge protection/Detail related to thermal management/Recommended height/Mounting details. minimum working life L70B50: 100000 to 750000 Hrs, THD/ optics and cover details/Dimensional drawing with eye bolt and connector details</p>

4	<p>200W: Fixture power consumption 200W, IP66, IK 10, Ta: ambient temperature min 50 degc and above, Tc: case temperature 105 deg c and above. Suitable for 24X7 continuous running, CCR: 6500K min, CRI > 80, lumens: 170lumens/watt min, MCPCB rating shall be minimum 2W/mk. Vendor to suggest and declare driver component temperature withstand capability/Temperature rating i.e Transformer, MOSFET, Diode, Capacitor, PCB. Vendor to share dimension and weight of fixture. LED LM 80 test report rating upto 105 deg c minimum. Vendor to share details related to model/power/ input range/LED luminous efficacy/system lumens output/light source/Color temperature/total power consumption/Driver efficiency/LED beam angel/Lens temperature with stand capacity/Net weight/ light dimensions/Anyother feature/Power factor/CRI/working life/THD/Power frequency/ Surge protection/Detail related to thermal management/Recommended height/Mounting details. minimum working life L70B50: 100000 to 750000 Hrs, THD/ optics and cover details/Dimensional drawing with eye bolt and connector details</p>
5	<p>150W: Fixture power consumption 200W, IP66, IK 10, Ta: ambient temperature min 50 degc and above, Tc: case temperature 105 deg c and above. Suitable for 24X7 continuous running, CCR: 6500K min, CRI > 80, lumens: 170lumens/watt min, MCPCB rating shall be minimum 2W/mk. Vendor to suggest and declare driver component temperature withstand capability/Temperature rating i.e Transformer, MOSFET, Diode, Capacitor, PCB. Vendor to share dimension and weight of fixture. LED LM 80 test report rating upto 105 deg c minimum. Vendor to share details related to model/power/ input range/LED luminous efficacy/system lumens output/light source/Color temperature/total power consumption/Driver efficiency/LED beam angel/Lens temperature with stand capacity/Net weight/ light dimensions/Anyother feature/Power factor/CRI/working life/THD/Power frequency/ Surge protection/Detail related to thermal management/Recommended height/Mounting details. minimum working life L70B50: 100000 to 750000 Hrs, THD/ optics and cover details/Dimensional drawing with eye bolt and connector details</p>
6	<p>100W: Fixture power consumption 200W, IP66, IK 10, Ta: ambient temperature min 50 degc and above, Tc: case temperature 105 deg c and above. Suitable for 24X7 continuous running, CCR: 6500K min, CRI > 80, lumens: 170lumens/watt min, MCPCB rating shall be minimum 2W/mk. Vendor to suggest and declare driver component temperature withstand capability/Temperature rating i.e Transformer, MOSFET, Diode, Capacitor, PCB. Vendor to share dimension and weight of fixture. LED LM 80 test report rating upto 105 deg c minimum. Vendor to share details related to model/power/ input range/LED luminous efficacy/system lumens output/light source/Color temperature/total power consumption/Driver efficiency/LED beam angel/Lens temperature with stand capacity/Net weight/ light dimensions/Anyother feature/Power factor/CRI/working life/THD/Power frequency/ Surge protection/Detail related to thermal management/Recommended height/Mounting details. minimum working life L70B50: 100000 to 750000 Hrs, THD/ optics and cover details/Dimensional drawing with eye bolt and connector details</p>
B	Well Glass

1	<p>70W: Fixture power consumption 70W, IP66, IK 10, Ta: ambient temperature min 55 degc and above, Tc: case temperature 105 deg c and above. Suitable for 24X7 continuous running , MCPCB rating shall be minimum 2W/mk. Vendor to suggest and declare driver component temperature withstand capability/Temperature rating i.e Transformer, MOSFET, Diode, Capacitor, PCB. Vendor to share dimension and weight of fixture. LED LM 80 test report rating upto 105 deg c minimum. Vendor to share details related to model/power/ input range/LED luminous efficacy/system lumens output/light source/Colour temperature/total power consumption/Driver efficiency/LED beam angel/Lens temperature with stand capacity/Net weight/ light dimensions/Anyother feature/Power factor/CRI/working life/THD/Power frequency/Surge protection/Detail related to thermal management/Recommended height/Mounting details. minimum working life L70B50: 100000 to 50000 Hrs, THD/ optics and cover details/Dimensional drawing with eye bolt and connector details. Lumens: 150lumens/watt. Constant current driver, 6KV surge protection</p>
2	<p>70W: Fixture power consumption 70W, IP66, IK 10, Ta: ambient temperature min 50 degc and above, Tc: case temperature 105 deg c and above. Suitable for 24X7 continuous running, MCPCB rating shall be minimum 2W/mk. Vendor to suggest and declare driver component temperature withstand capability/Temperature rating i.e Transformer, MOSFET, Diode, Capacitor, PCB. Vendor to share dimension and weight of fixture. LED LM 80 test report rating upto 105 deg c minimum. Vendor to share details related to model/power/ input range/LED luminous efficacy/system lumens output/light source/Colour temperature/total power consumption/Driver efficiency/LED beam angel/Lens temperature with stand capacity/Net weight/ light dimensions/Anyother feature/Power factor/CRI/working life/THD/Power frequency/Surge protection/Detail related to thermal management/Recommended height/Mounting details. minimum working life L70B50: 100000 to 50000 Hrs, THD/ optics and cover details/Dimensional drawing with eye bolt and connector details</p>
3	<p>36 to 40W: Fixture power consumption 36 to 40 W, IP66, IK 10, Ta: ambient temperature min 50 degc and above, Tc: case temperature 105 deg c and above. Suitable for 24X7 continuous running, MCPCB rating shall be minimum 2W/mk. Vendor to suggest and declare driver component temperature withstand capability/Temperature rating i.e Transformer, MOSFET, Diode, Capacitor, PCB. Vendor to share dimension and weight of fixture. LED LM 80 test report rating upto 105 deg c minimum. Vendor to share details related to model/power/ input range/LED luminous efficacy/system lumens output/light source/Color temperature/total power consumption/Driver efficiency/LED beam angel/Lens temperature with stand capacity/Net weight/ light dimensions/Anyother feature/Power factor/CRI/working life/THD/Power frequency/Surge protection/Detail related to thermal management/Recommended height/Mounting details. minimum working life L70B50: 100000 to 50000 Hrs, THD/ optics and cover details/Dimensional drawing with eye bolt and connector details. Lumens: 150lumens/watt. Constant current driver, 6KV surge protection</p>
C	Flood light

1	<p>200W: Fixture power consumption 200W, IP66, IK 10, Ta: ambient temperature min 50 degc and above, Tc: case temperature 105 deg c and above. CCT: 5700K and above , CRI > 80, lumens: 170lumens/watt min, MCPCB rating shall be minimum 2W/mk. Vendor to suggest and declare driver component temperature withstand capability/Temperature rating i.e Transformer, MOSFET, Diode, Capacitor, PCB. Vendor to share dimension and weight of fixture. LED LM 80 test report rating upto 105 deg c minimum. Vendor to share details related to model/power/ input range/LED luminous efficacy/system lumens output/light source/Colour temperature/total power consumption/Driver efficiency/LED beam angel/Lens temperature with stand capacity/Net weight/ light dimensions/Anyother feature/Power factor/CRI/working life/THD/Power frequency/Surge protection/Detail related to thermal management/Recommended height/Mounting details. minimum working life L70B50: 100000 to 750000 Hrs, THD/ optics and cover details/Dimensional drawing with cradle and connector details. High LED driver efficiency, 6KV surge protection</p>
2	<p>150W: Fixture power consumption 150W, IP66, IK 10, Ta: ambient temperature min 50 degc and above, Tc: case temperature 105 deg c and above. CCT: 5700K and abvoe, CRI > 80, lumens: 170lumens/watt min, MCPCB rating shall be minimum 2W/mk. Vendor to suggest and declare driver component temperature withstand capability/Temperature rating i.e Transformer, MOSFET, Diode, Capacitor, PCB. Vendor to share dimension and weight of fixture. LED LM 80 test report rating upto 105 deg c minimum. Vendor to share details related to model/power/ input range/LED luminous efficacy/system lumens output/light source/Colour temperature/total power consumption/Driver efficiency/LED beam angel/Lens temperature with stand capacity/Net weight/ light dimensions/Anyother feature/Power factor/CRI/working life/THD/Power frequency/Surge protection/Detail related to thermal management/Recommended height/Mounting details. minimum working life L70B50: 100000 to 750000 Hrs, THD/ optics and cover details/Dimensional drawing with cradle and connector details. High LED driver efficiency, 6KV surge protection</p>
3	<p>250W: Fixture power consumption 250W, IP66, IK 10, Ta: ambient temperature min 50 degc and above, Tc: case temperature 105 deg c and above. Suitable for 24X7 continuous running, CCT: 5700K and above, CRI > 80, lumens: 170lumens/watt min, MCPCB rating shall be minimum 2W/mk. Vendor to suggest and declare driver component temperature withstand capability/Temperature rating i.e Transformer, MOSFET, Diode, Capacitor, PCB. Vendor to share dimension and weight of fixture. LED LM 80 test report rating upto 105 deg c minimum. Vendor to share details related to model/power/ input range/LED luminous efficacy/system lumens output/light source/Colour temperature/total power consumption/Driver efficiency/LED beam angel/Lens temperature with stand capacity/Net weight/ light dimensions/Any other feature/Powr factor/CRI/working life/THD/Power frequency/Surge protection/Detail related to thermal management/Recommended height/Mounting details. minimum working life L70B50: 100000 to 750000 Hrs, THD/ optics and cover details/Dimensional drawing with cradle mounting .High LED driver efficiency, 6KV surge protection</p>

4	500W: Fixture power consumption 250W, IP66, IK 10, Ta: ambient temperature min 50 degc and above, Tc: case temperature 105 deg c and above. Suitable for 24X7 continuous running, CCT: 5700K and above, CRI > 80, lumens: 170lumens/watt min, MCPCB rating shall be minimum 2W/mk. Vendor to suggest and declare driver component temperature withstand capability/Temperature rating i.e Transformer, MOSFET, Diode, Capacitor, PCB. Vendor to share dimension and weight of fixture. LED LM 80 test report rating upto 105 deg c minimum. Vendor to share details related to model/power/ input range/LED luminous efficacy/system lumens output/light source/Colour temperature/total power consumption/Driver efficiency/LED beam angel/Lens temperature with stand capacity/Net weight/ light dimensions/Anyother feature/Powr factor/CRI/working life/THD/Power frequency/Surge protection/Detail related to thermal management/Recommended height/Mounting details. minimum working life L70B50: 100000 to 750000 Hrs, THD/ optics and cover details/Dimensional drawing with cradle mounting .High LED driver efficiency, 6KV surge protection
D	Industrial Batten/Recessed mounted LED light 4ft
1	2x36watt surface mounting with reflector for industrial, 4 Ft. Industrial batten, 5700K min CCT, high efficacy. Industrial, weather proof
2	2x36watt recessed mounting with reflector for industrial, 4 Ft, Industrial batten, 5700K min CCT, high efficacy
3	2x36watt pendent mounting with reflector for industrial, 4 Ft, Industrial batten, 5700K min CCT, high efficacy
4	1x36watt recessed mounting with reflector for industrial, 4 Ft, Industrial batten, 5700K min CCT, high efficacy
5	1x36watt surface mounting with reflector for industrial, 4 Ft, Industrial batten, 5700K min CCT, high efficacy
6	1x36watt pendent mounting with reflector for industrial, 4 Ft, Industrial batten, 5700K min CCT, high efficacy
7	1x36watt surface mounting, 2 ft. high efficacy
8	1x20watt surface mounting, 1 ft. high efficacy
E	Exit indicator light
1	Exit light with battery back up for Emergency
F	Cleanroom luminaire 2x2 fixture
1	2x236watt, 2x2ft, suitable for fixing inside false ceiling recessed mounting, 5700k, self-alignment mounting mechanism
G	Downlight
1	18w Round, 5700k cct, cut out dimension (110, 145 and 168mm), recessed mounting or suitable for false ceiling installation.
2	18W: LED 18Watt Square LED Slim Panel Light Natural White recessed mounting or suitable for false ceiling installation Dimensions- Outer Dimensions: 190 X 190 MM , Cutout Dimension: 180 X 180 MM .
H	Flameproof light
1	70w, flameproof well glass, Exd, IIC, Zone 1, T5 , 100lumens/watt with eyebolt and cradle mounting
2	2x36watt, 2ft, flameproof wellglass, Exd, IIC, Zone 1, T5,100lumens/watt
3	2x36watt surface mounting 4ft fixture, flameproof wellglass, Exd, IIC, Zone 1, T5,100lumens/watt
I	Street light

1	120W, IP 66, IK10, high efficacy and long life. Die cast al housing, precise street optic lens, glass diffuser with wide area coverage
2	150W, IP 66, IK10, high efficacy and long life. Die cast al housing, precise street optic lens, glass diffuser with wide area coverage
J	LED lamp
1	7w LED Pin type lamp
2	5W LED screw type lamp
K	Bulkhead LED fixture
1	10W, CCT 5700, IP 66, surface mounting

2.2 QUALITY REQUIREMENT:

- a) **BIS Certification (Bureau of Indian Standards)** or equivalent as per IS 10322 part 5/sec 1. Report to be submit
- b) **LM-79 and LM-80 test reports** from NABL-accredited lab
- c) **Fixture Test lab report to be submitted**
- d) **Warranty:** Minimum **3–5 years** product warranty commitment
- e) **Testing Protocols:** Ability to provide internal quality testing protocols and reports
- f) **Sample Approval:** Willingness to provide product samples for approval prior to order finalization
- g) **Inventory Holding:** Demonstrated capability to handle large order

2.3 After Sales support: Details of service support and partner network

Safety requirement (As per Tata Power safety guidelines):

- No jobs to be carried out without PTWs, Toolbox meeting (TBM) and prior instructions from Tata Power - MMD engineer. Any revisions/changes if required to be done for job execution, shall be informed to concerned tata Power engineer beforehand to avoid any delay in execution.
- Contractor safety supervisor is required to guide the workmen all the time of activity.
- 4 PPEs compliance is mandatory requirement for Tata Power site.
- All lifting tools & tackles shall be certified with competent authority.

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:	26th 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:

4.1.1 The Bidder must have manufacturer of various LED fixture and have a manufacturing facility with all require test lab.

4.1.2 Bidder shall provide reference of 03 Purchase Orders of reputed power company (Order Value not less than 100 Lakhs) for supplying similar LED fixture in power or similar industry.

4.1.3 Vendor shall have min. 10 Years of experience in LED industry.

The Tata Power Company reserves the right to reject any or all bids or cancel/withdraw the invitation for bids without assigning any reason whatsoever and in such case no bidder/intending bidder shall have any claim arising out of such action.

4.2 FINANCIAL REQUIREMENT:

Bidder / Tenderer should have minimum Average Annual Turn-over of Rs. 150 Lakhs (Indian Rupees One Hundred Fifty 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.