



PRE-QUALIFYING REQUIREMENTS FOR  
LIGHTING FIXTURES, LAMPS & MISC. ITEMS  
4X270MW TSGENCO BHADRADRI TPS – FGD  
SYSTEM

DOC. NO. PE-PQ-440-558-E006

REV. 01

DATE: 20/05/2022

SHEET 1 OF 2

**ITEMS:** Lighting fixtures, lamps, receptacles, Junction boxes and Miscellaneous Items.

**SCOPE:**

Supply (Including Design) : YES  
Erection & Commissioning : No  
Services : YES (Supervision of E&C)

1 Manufacturing Capability

LED Lighting fixture manufacturer as per sub-vendor list (refer technical specification)

or

- Vendor should be a Manufacturer of LED lighting fixture.
- Availability of type test reports conducted at independent Lab or witnessed by third party of LED fixture as per relevant standard.
- Availability of routine & acceptance test reports of LED lighting fixture to establish in-house capability at manufacturer's works to carry out routine & acceptance tests as per relevant standard.
- Vendor should have supplied LED lighting fixtures to power plant/ industrial installations.

2 Lighting System Design Capability

Lighting designer as per sub-vendor list (refer technical specification).

or

The vendor / agency should have engineered / prepared Minimum 33 number drawings including Lighting Design calculations (Minimum 10 No.), Lighting layout Drawings (Min. 10 No.), Conduit layout drawings (Minimum 10 No.), Power distribution schemes (Minimum 2 no.) and lighting single line diagrams (Minimum 1 No.) for power stations or refineries and Petro-Chemical plants/process plants/ other industrial installations. Drawings should be customer approved.

**Notes:**

- In case vendor is able to meet criteria at Sl. No. 1 only and not Sl. No. 2 above, vendor can tie-up with any lighting designer (herein termed associate) who is meeting all criteria mentioned in S. No. 2 & submit the credentials of associate if required. Vendor to submit MOU on non-judicial stamp paper of Rs. 100 /- with associate at bidding stage.
- In case vendor is able to meet criteria at Sl. No. 2 only and not Sl. No. 1 above, vendor can tie-up with any lighting manufacturer (herein termed associate) who is meeting all criteria mentioned in S. No. 1 & submit the credentials of associate. Vendor to submit MOU on non-judicial stamp paper of Rs. 100 /- with associate at bidding stage.
- Bidder to note that MOU on non-judicial stamp paper once offered to BHEL cannot be changed till the execution of the project.

**General Points of PQR:**

- Cut-off date for credentials shall be considered same as date of techno-commercial bid opening.
- Consideration of offer shall be subject to customer's approval of bidders.**

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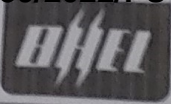
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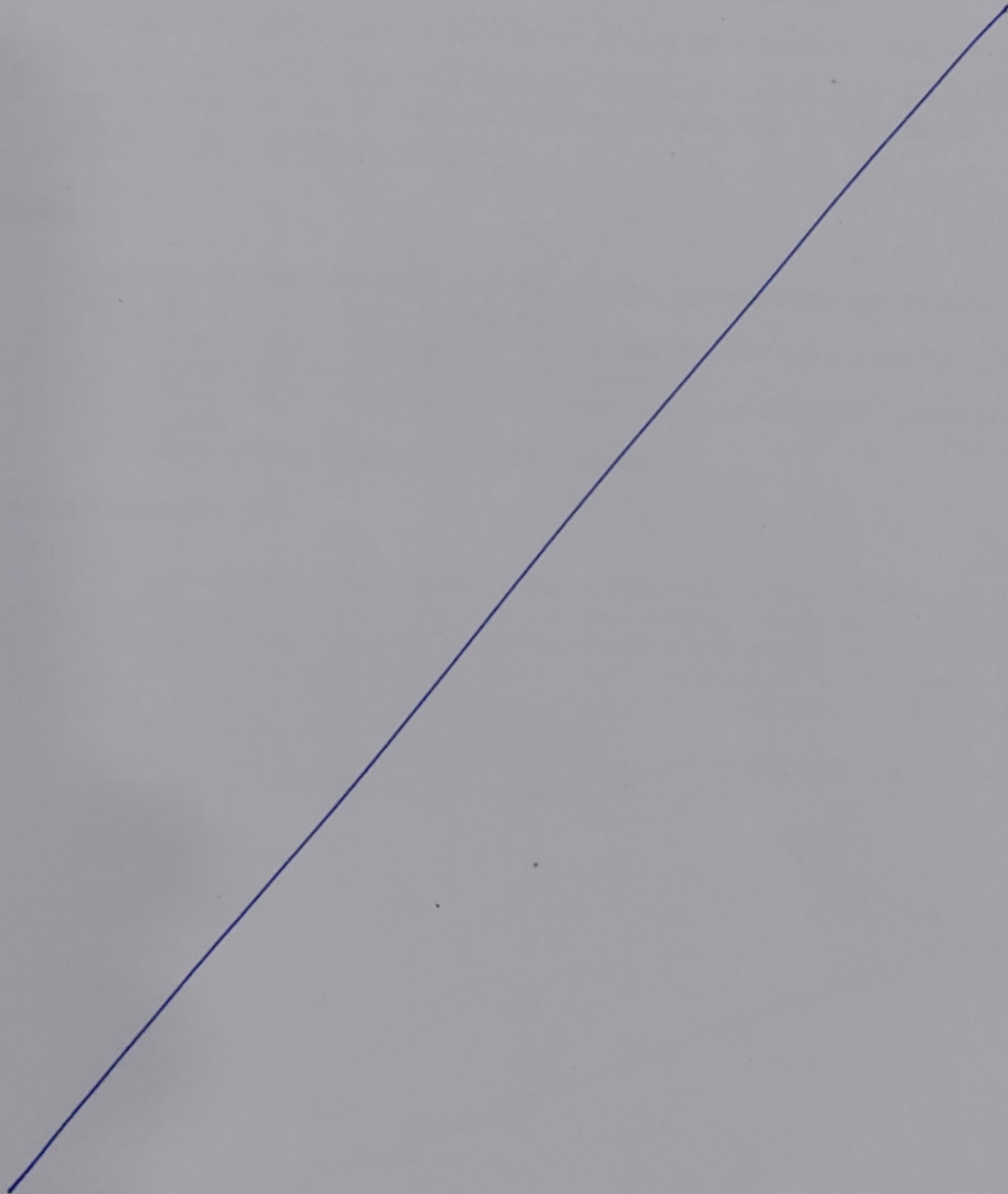
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SHEET 2 OF 2

3. Bidder to submit all supporting documents in English. If documents submitted by bidder are in language other than English, a self-attested English translated document should also be submitted.
4. Notwithstanding anything stated above, BHEL reserves the right to assess the capabilities and capacity of the bidder to perform the contract, should the circumstances warrant such assessment in the overall interest of BHEL.
5. After satisfactory fulfilment of all the above criteria/ requirement, offer shall be considered for further evaluation as per NIT and all other terms of the tender.



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