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QTY	ITEM DESCRIPTION	UNIT PRICE	TOTAL
2	LED Highbay Light	200.00	400.00

**LED Highbay Light**

Maintenance free, high energy efficient LED highbay lights, suitable for suspended mounting with suspension or eyebolt. Technical Specification as per Annexure-I: -----

I. Housing, Mounting, Accessories 1. Mounting Type - (Vendor to specify) 2. Body Material - (Vendor to specify) 3. Reflector Material - (Vendor to specify) 4. Luminare Dimention (mm) - (Vendor to specify) 5. Installation Height (meter): 12 to 18 (Vendor to confirm) 6. Type of Protection (IP Code): IP 65 (Vendor to specify) II. Electrical Parameters: 1. Driver Type and Efficiency - (Vendor to specify) 2. Input AC Voltage (V): Rated Voltage: 220 - 240 and Working Range: 160 - 260" (Vendor to specify) 3. Supply Frequency (Hz): 50±3% (Vendor to confirm) 4. Wattage (W): 200±10% (Vendor to specify) 5. Power Factor: > 0.90 (Vendor to confirm) 6. THD: < 10% (Vendor to confirm) 7. Driver Protections: Surge/Short Circuit/Over Voltage (Vendor to specify) III. Optical Parameters: 1. LED Make - (Vendor to specify) 2. LED Viewing Angle - High spread beam angle > 120 deg(Vendor to specify) 3. CRI of LED: > 70 (Vendor to specify) 4. Luminare Lumens Output (lm/Watt): > 85 (Vendor to specify) 5. LED Efficacy (lm/watt): > 95 (Vendor to specify) IV. Other Parameters: 1. Operating Temperature: 0 to 50 deg. C (Vendor to specify) 2. Burning Hours: Min 50,000 hrs. at L70B50 (Vendor to specify)

General Note: 1. Model No. of the Luminare with data sheets, to be furnished along with the offer. 2. Warranty: 24 Months from the date of acceptance at BH&EL, Thirumayam.

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Pre-Qualification Criteria: 1. Make: Phillips, Crompton, Bajaj, G.E., Havells, Halonix, Vapolite, Arya, Pyrotech or any other reputed make acceptable to BH&EL (Vendor to specify). 2. Vendor should be either OEM or an authorised dealer of these makes. In case of authorised dealer valid dealership certificate shall be submitted along with the offer for further technical evaluation. 3. Country of origin and technical characteristics (including LM-80 Test Report for the offered make) of LEDs to be provided along with the offer. 4. Sample test report of LED driver as per IS 15885 Part-2 from NABL accredited lab to be provided along with offer. 5. Vendor should fill the details as required in Annexure-I, failing which the offer will not be considered for technical evaluation.

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