

Annexure-1

Specification of LED Lights as per the BHEL Technical specification given below.

SUPPLIER:

CONTACT PERSONS:	
ADDRESS:	
TELEPHONE NOs:	
MOBILE NOs:	
FAX NOs:	
E-MAIL ADDRESS:	

- 1 Supplier must submit complete information against all clauses.
- 2 The "Offered" Column and where applicable, the "Deviations" & "Remarks" Column of this format shall be filled in by the Supplier and submitted along with the offer, Inadequate / incomplete, ambiguous, or unsustainable information against any of the clauses of the specifications/ requirements shall be treated as non-compliance.

SPECIFICATIONS:

SI.No.	Description for BHEL Requirement	Required	Deviations	Remarks
1	LED high bay roof lighting luminaries consisting of inbuilt electronic control gear, Die cast aluminum housing with elegantly designed heat sink for efficient heat dissipation except item no. -3	CONFIRM		

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2	LED luminaries shall be protected from Ingression of water, dust, vermin, vibrations and smoke. Material used for making these luminaire shall be weather resistant type. As per IP 65 except item no.-3	CONFIRM		
3	Input Voltage range shall be 1 phase, 180-250 Volts AC, 50 Hz.	CONFIRM		
4	LED Driver shall be protected from over voltage, short circuit and over temperature.As per IEC 61547.	CONFIRM & Submit Type Test Report along with offer		
5	Colour Rendering Index (CRI) shall be greater than 70 and a test report shall be produced for same.	CONFIRM & Submit Type Test Report along with offer		
6	Power factor shall be greater than 0.95	CONFIRM & Submit Type Test Report along with offer		
7	Safety shall comply with IEC 61347-2-13.	CONFIRM & Submit Type Test Report along with offer		
8	Lumens per watt for the Luminaire shall be greater than 85. Test certificate may be produced for the same.	CONFIRM & Submit Type Test Report along with offer		
9	Life of Luminaire shall be minimum 50,000 working hours maintaining at least 70 % of initial lumens.	CONFIRM & Submit Type Test Report along with offer		
10	Marking of S.N., Make, Year of manufacturing & Wattage.	Confirm		

Ajmal
31/05/16