

Bid Document

Bid Details	
Bid End Date/Time	01-10-2019 17:00:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Steel
Department Name	Na
Organisation Name	N/a
Office Name	Hyderabad
Total Quantity	50
Item Category	Light Emitting Diode LED Fixture- LED tube light
Experience with Government Required	2 Year (s)
MSE Exemption For Years Of Experience And Turnover	Yes
Startup Exemption For Years Of Experience And Turnover	Yes
Document required from seller	Experience with Government,OEM Authorization Certificate
Bid to RA enabled	No

Light Emitting Diode LED Fixture- LED Tube Light (50 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
GENERIC	Led tube light power rating corresponding Min Luminous flux	22 Watt/2200 lumen	22 Watt/2200 lumen
	Colour Temperature (K)	2700	2700
	Warranty for free replacement (Years)	2 years	2 years
CONSTRUCTIONAL	Type of Tube Light Cap	G-13 Bi-pin	*

FUNCTIONAL	Ingress Protection in IP	IP 20	*
	Lamp Shell material	Polycarbonate	Polycarbonate
	LED Fixture With Al back, front with polycarbonate/Acrylic diffuser more than 85%efficiency of lig	Without	*
	Light Source	SMD LED Chip	*
	LED Make	-	*
	Length of tube light (Nominal) (in mm)	1220	*
	LED lamp efficacy (Lm/W)	100	*
	Colour Rendering Inde (CRI)	> / = 80	*
	Total Harmonics (%)	< / = 15%	*
	LED Tubelight Life of 25000 hours predicted as per TM21 Report on Data obtained as per test conducted for 6000 hours as per LM80	Yes	*
	Temperature Cycling test and supply voltage switching test (1) product shall be subjected to minus 10 degree C for 1 hour then switch to 50 degree C for 1 hour in total 5 cycles (2)30 sec ON and 30 sec Off At the end of test as per (1) and (2) no visual damage shall be observed and light should alight for more than 15 min after the test	Yes	*
	Beam Angle (Degree)	> / = 120 degree	*
	Operating Voltage range (Volt)	100-300	*
	Driver Efficiency (%)	more than 85%	*
	Surge Voltage withstand (KV)	2.5 KV	*
	LED Chip Efficacy (Lm/W)	130	*

	Rated Voltage for Performance and life (Volt)	220-240	*
	Lumen Maintenance at 25 deg;C after 6000 hrs (%)	80%	*
	LED Chip Wattage (Individual) (Watt)	0,25	*
	Power Factor	> / = 0.9	*
CERTIFICATIONS	BIS Registration certificate under (CRS) number and date	-	*
	Certificare for Luminaire photometric data as per LM79	Yes	*
	Certificate No and Date of Luminaire photometric data as per LM 79 report	-	*
	Compulsory Registration and CRS of BIS for safety to IS 10322 Pt 5 Sec 1 2012	Yes	*
	EMC Test	Yes	*

* Bold specifications are the golden parameters.

* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement (allowed Values) by the Buyer.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Vibhuti Roshan	500007,NMDC LTD R AND D UPPAL HYDERABAD	50	30

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Special terms and conditions for category Light Emitting Diode LED Fixture- LED tube light

- 1) LED Tube Light with Fixture includes its complete fittings

Buyer Specific Additional Terms and Conditions

1. ISO 9001: The bidder must have ISO 9001 certification.

[This Bid is also governed by the General Terms and Conditions](#)

---Thank You---