

Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 17:00:00
Bid Opening Date/Time	20-07-2020 17:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Maharashtra
Department Name	Energy Department Maharashtra
Organisation Name	N/a
Office Name	Mahagenco
Total Quantity	1275
Item Category	Light Emitting Diode LED Fixture- LED tube light
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	OEM Authorization Certificate *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled	No
Inspection Required	No
Estimated Bid Value	198900

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Light Emitting Diode LED Fixture- LED Tube Light (1275 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	20 Watt/2000 lumen	20 Watt/2000 lumen
	Colour Temperature (K)	5700	5700
	Warranty for free replacement (Years)	5 Years	5 Years
CONSTRUCTIONAL	Type of Tube Light Cap	G-13 Bi-pin	*
	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	With	*
	Light Source	SMD LED Chip	*
	LED Make	-	*
	Length of tube light (Nominal) (in mm)	1220	*
FUNCTIONAL	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	Yes	*

	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		
	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	*

* Specifications highlighted in bold 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.

Additional Specification Documents

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Pravin Madhukar Kahale	441102,O/o. Chief Engineer, TPS Khaperkheda.	1275	30

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

1. LED Tube Light with Fixture includes its complete fittings

Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Only supply of Goods
2. Warranty period of the supplied products shall be 5 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid

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

---Thank You---