

Bid Document

Bid Details	
Bid End Date/Time	24-07-2020 13:00:00
Bid Opening Date/Time	24-07-2020 13:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Coal
Department Name	Materials Management
Organisation Name	Nlc
Office Name	Materials Management
Total Quantity	250
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
Bid to RA enabled	No
Inspection Required	No

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 (250 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	*
	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	*
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 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	Yes	*

	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	SRINIVASAN	607807,PERMANENT	250	30

	KALIYAPERUMAL	CENTRAL STORES, NLC INDIA LIMITED, NEYVELI 607807		
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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

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

---Thank You---