

### Bid Document

Bid Details	
Bid End Date/Time	21-10-2019 16:00:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	70 (Days)
Ministry/State Name	Pmo
Department Name	Department Of Atomic Energy
Organisation Name	Nuclear Power Corporation Of India Limited
Office Name	Tamilnadu
Total Quantity	2500
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	Yes

### Light Emitting Diode LED Fixture- LED Tube Light ( 2500 pieces )

#### Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
GENERIC	<b>Led tube light power rating corresponding Min Luminous flux</b>	18 Watt/1800 lumen	18 Watt/1800 lumen
	<b>Colour Temperature (K)</b>	4000	2700, 4000, 5700, 6500
	<b>Warranty for free replacement (Years)</b>	4 Years	4 Years
CONSTRUCTIONAL	Type of Tube Light Cap	G-13 Bi-pin	*
	Ingress Protection in IP	IP 20	*
	<b>Lamp Shell material</b>	Polycarbonate	Polycarbonate

FUNCTIONAL	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	*
	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	*

\* 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.

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Charles Durai	627106,KKNPP, NPCIL, KUDANKULAM, RADHAPURAM TALUK, TIRUNELVELI DIST, TAMILNADU	2500	15

#### 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. Scope of supply (Bid price to include all cost components) : Only supply of Goods
2. Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 7 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG).
3. Preference to Make In India products: Preference shall be given to local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a local supplier, should be as per relevant notification / order issued by the nodal ministry as available on the website of Department of Promotion of Industries and Internal Trade (DPIIT). If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 29.5.2019.

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

**---Thank You---**