

Bid Document

Bid Details	
Bid End Date/Time	24-07-2020 17:00:00
Bid Opening Date/Time	24-07-2020 17:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Defence
Department Name	Department Of Defence Production
Organisation Name	Indian Ordnance Factories
Office Name	*****
Total Quantity	3000
Item Category	LED Lamps- bulb
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.

LED Lamps- Bulb (3000 pieces)

Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
GENERIC	LED LAMP Power Ratings/LED Lamp Luminous Flux	12Watt / 1200 Lumens	12Watt / 1200 Lumens
	Colour Temperature (K)	6500	6500
	Type of Lamp CAP	B22d	B22d
	Warranty for free replacement (Years)	2 Years	2 Years
	Conformity to Indian Standard	IS:16102 part I and Part II latest	*
FUNCTIONAL	LAMP Efficacy (Lm/W)	>/=100	*
	LED Chip Efficacy (Lm/W)	>/=130	*
	Colour Rendering Index(CRI)	>/=80	*
	Beam Angle (Degree)	>/=120	*
	Power Factor	>/=0.9	*
	Total Harmonics (%)	</=15	*
	Driver Efficiency (%)	>/=85	*
	LED chip Wattage (Watt)	</=1	*
	Surge Voltage withstand (KV)	2.5	*
	Operating Voltage range (Volts)	100 Volt to 300 Volt	*
	Rated Voltage for Performance and life (Volts)	220 Volt to 240 Volt	*
	Lumen maintenance @ 25 deg after 6000 hours (%)	>/=80	*
CONSTRUCTIONAL	Light Source (as per LM80 orIS16106)	-	*
	LED Make	-	*
	Light Source (as per LM80/IS16106)	SMD LED Chip	*
	Lamp Shell material	Polycarbonate	*
	Ingress Protection in IP	>/=20	*
TEST REPORT AND CERTIFICATIONS	LED life Certificate for 25000 hrs as per LM80	Yes	*

LED life test Certificate No.	-	*
LED life Certificate Test Report Date	-	*
LED lamp life certificate for 6000 hrs	Yes	*
LED Lamp certificate Number	-	*
LED Lamp Life Certificate date	-	*
EMC Test	Yes	*
Availability of test Report to IS:16102 Part I and IS:16102 Part II latest	Yes	*
Test certificate No.	-	*
Test Report Date	-	*
Name of lab where test conducted	-	*
Compulsory Registration(CRS) of BIS for safety as per IS 16102-I	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	*****	*****HOSHANGABAD	3000	45

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---