

### Bid Document

Bid Details	
Bid End Date/Time	13-07-2020 11:00:00
Bid Opening Date/Time	13-07-2020 11:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Steel
Department Name	Na
Organisation Name	Steel Authority Of India Ltd
Office Name	Visvesvarya Iron And Steel Ltd
Total Quantity	200
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 ( 200 pieces )

### Technical Specifications

\* As per GeM Category Specification

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
GENERIC	<b>LED LAMP Power Ratings/LED Lamp Luminous Flux</b>	14 W / 1400 Lumens	14 W / 1400 Lumens
	<b>Colour Temperature (K)</b>	6500	6500
	<b>Type of Lamp CAP</b>	B22d	B22d
	<b>Warranty for free replacement (Years)</b>	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 or IS16106)	-	*
	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	-	*
Name of Lab where test conducted	-	*
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	Venkateshappa	577301,Visvesvarya Iron and Steel Plant Bhadravathi	200	40

#### 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---**