

### Bid Document

Bid Details	
Bid End Date/Time	02-07-2020 14:00:00
Bid Opening Date/Time	2020-07-02 14:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Ministry Of Agriculture And Farmers Welfare
Department Name	Department Of Agricultural Research And Education (dare)
Organisation Name	Indian Council Of Agricultural Research (icar)
Office Name	National Bureau Of Animal Genetic Resources, Karnal
Total Quantity	800
Item Category	Light Emitting Diode LED Fixture- LED tube light , LED Lamps- bulb
Experience Criteria	1 Year (s)
MSE Exemption for Years Of Experience	Yes
Startup Exemption for Years Of Experience	Yes
Document required from seller	Experience Criteria *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
Primary product category	Light Emitting Diode LED Fixture- LED tube light

### EMD Detail

Required	No
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### ePBG Detail

Required	No
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### Splitting

Bid splitting not applied.

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of years as indicated in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

## Light Emitting Diode LED Fixture- LED Tube Light ( 500 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>	20 Watt/2000 lumen	20 Watt/2000 lumen
	<b>Colour Temperature (K)</b>	6500	2700, 4000, 5700, 6500, 6300
	<b>Warranty for free replacement (Years)</b>	2 years	2 years
CONSTRUCTIONAL	Type of Tube Light Cap	G-13 Bi-pin	*
	Ingress Protection in IP	IP 20	*
	<b>Lamp Shell material</b>	Polycarbonate	Polycarbonate, Glass
	LED Fixture With Al back, front with polycarbonate/Acrylic diffuser more than 85%efficiency of lig	Without	*
	Light Source	COB 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	Yes	*

LM80		
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	*
	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	*

EMC Test	Yes	*
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\* 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	Harvinder Singh	132001, ICAR-National Bureau of Animal Genetic Resources (NBAGR) P.O. Box 129, G.T.Road Bye-Pass, Near Basant Vihar, Karnal	500	20

#### LED Lamps- Bulb ( 300 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>	15Watt / 1500 Lumens	15Watt / 1500 Lumens
	<b>Colour Temperature (K)</b>	6500	2700, 4000, 5700, 6500
	<b>Type of Lamp CAP</b>	B22d	B22d, E27
	<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 and >300 Volt	*
	Rated Voltage for Performance and life (Volts)	<200 Volt and >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	Yes	*

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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. OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.
2. The buyer organization is an institution eligible for concessional rates of GST as notified by the Government of India. The goods for which bids have been invited fall under classification of GST concession and the conditions for eligibility of concession are met by the institution. A certificate to this effect will be issued by Buyer to the Seller after award of the Contract. Sellers are requested to submit their bids after accounting for the Concessional rate of GST. Applicable Concessional rate of GST : 5%  
Notification No.and date : No. 45/2017-Central Tax (Rate) & No. 47/2017 integrated Tax (Rate), New Delhi dated 14/11/2017
3. 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---