

### Bid Document

Bid Details	
Bid End Date/Time	25-07-2020 11:00:00
Bid Opening Date/Time	25-07-2020 11:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Railways
Department Name	Na
Organisation Name	N/a
Office Name	Secr
Total Quantity	500
Item Category	Light Emitting Diode LED Fixture- LED tube light
Bidder Turnover (Last 3 Years)	1 Lakh (s)
OEM Average Turnover (Last 3 Years)	1 Lakh (s)
Experience Criteria	3 Year (s)
MSE Exemption for Turnover	Yes
Startup Exemption for Years Of Experience	Yes
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,OEM Authorization Certificate,OEM Annual Turnover *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
Past Performance	50 %
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.

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.
2. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
3. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 50% of bid quantity, in at least one of the last three years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one year) to be submitted along with bid in support of quantity supplied in the relevant year. In case of bunch bids, the category related to primary product having highest bid 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	6500
	<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
	LED Fixture With Al back, front with polycarbonate/Acrylic	Without	*

FUNCTIONAL	diffuser more than 85%efficiency of lig		
	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)	> / = 70	*
	Total Harmonics (%)	< / = 20%	*
	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%	*

CERTIFICATIONS	LED Chip Wattage (Individual) (Watt)	0,25	*
	Power Factor	> / = 0.9	*
	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	Manish B Wankhede	492008,NEAR URKURA RAILWAY STATION POST W.R.S COLONY	500	30

### 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
2. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
3. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
4. Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost

Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

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

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