

Bid Document

Bid Details	
Bid End Date/Time	18-11-2019 13:00:00
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	Southern Railway
Total Quantity	14200
Item Category	LED Lamps- bulb
MSE Exemption For Years Of Experience And Turnover	Yes
Startup Exemption For Years Of Experience And Turnover	No
Bid to RA enabled	No

LED Lamps- Bulb (14200 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	9Watt / 900 lumens	9Watt / 900 lumens
	Colour Temperature (K)	6500	6500
	Type of Lamp CAP	B22d	B22d
	Warranty for free replacement (Years)	3 Years	3 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	-	*
	EMC Test	Yes	*
	Availability of test Report to IS:16102 Part I and IS:16102 Part II	Yes	*

	latest		
	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.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Muralidharan Dorai	620004,Office of the Divisional Electrical Engineer / General Golden Rock , Tiruchirapalli 620004	14200	30

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Buyer Specific Additional Terms and Conditions

1. Pre-dispatch inspection at Seller premises (Fee/Charges to be borne by the SELLER): Before dispatch, the goods will be inspected by Buyer / Consignee or their Authorized Representative or by Nominated External Inspection Agency (independently or jointly with Buyer or Consignee as decided by the Buyer) at Seller premises for their compliance to the contract specifications. Fee/Charges taken by the External inspection Agency and any external laboratories testing charges shall be borne by the SELLER. For in-house testing, the Sellers will provide necessary facilities free of cost. Seller shall notify the Buyer through e-mail about readiness of goods for pre-dispatch inspection and Buyer will notify the Seller about the Authorized Representative/ Nominated External Inspection Agency and the date for testing. The goods would be dispatched to consignee only after clearance in pre-dispatch inspection. Consignee's right of rejection as per GTC in respect of the goods finally received at his location shall in no way be limited or waived by reason of the goods having previously been inspected, tested and passed by Buyer/ Consignee or its Nominated External Inspection Agency prior to the goods' shipment. While bidding, the sellers should take into

account 7 days FOR INSPECTION from the date of email offering the goods for inspection. Any delay in inspection beyond 7 days shall be on the part of the buyer and shall be regularised without Liquidated Damages. Inspection and external laboratory testing charges shall be borne by the supplier and it shall not be reimbursed by Buyer to them at any point in time. Cost of inspection / testing shall be factored in by the supplier in the cost of the product itself while submitting bid. Following are the tests that are required to be conducted during pre-dispatch inspection: RITES .INSPECTION AGENCY : The [inspection agency](#) will conduct the inspection and submit the certificate to the supplier as well as the buyers and consignees. The bidder will be solely responsible for pre-inspected material for Quality Assurance including pre-dispatch inspection/ testing at manufacturers site by NABCB RITES Ltd..

2. Scope of supply (Bid price to include all cost components) : Only supply of Goods
3. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.

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

---Thank You---