

**Bid Document/ बिड दस्तावेज़**

Bid Details/बिड विवरण	
<b>Bid End Date/Time/बिड बंद होने की तारीख/समय</b>	05-06-2024 10:00:00
<b>Bid Opening Date/Time/बिड खुलने की तारीख/समय</b>	05-06-2024 10:30:00
<b>Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)</b>	90 (Days)
<b>Ministry/State Name/मंत्रालय/राज्य का नाम</b>	Ministry Of Railways
<b>Department Name/विभाग का नाम</b>	Indian Railways
<b>Organisation Name/संगठन का नाम</b>	Southern Railway
<b>Office Name/कार्यालय का नाम</b>	Southern Railway
<b>Total Quantity/कुल मात्रा</b>	80
<b>Item Category/मद केटेगरी</b>	LED Luminaire (for Flood Light) as per IS 10322, IS 16107 (Q3)
<b>MSE Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से एमएसई छूट</b>	No
<b>Startup Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से स्टार्टअप छूट</b>	No
<b>Document required from seller/विक्रेता से मांगे गए दस्तावेज़</b>	Bidder Turnover, Additional Doc 1 (Requested in ATC) *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
<b>Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया</b>	No
<b>Type of Bid/बिड का प्रकार</b>	Single Packet Bid
<b>Primary product category</b>	LED Luminaire (for Flood Light) as per IS 10322, IS 16107
<b>Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय</b>	2 Days
<b>Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)</b>	No
<b>Estimated Bid Value/अनुमानित बिड मूल्य</b>	192160
<b>Evaluation Method/मूल्यांकन पद्धति</b>	Total value wise evaluation

**EMD Detail/ईएमडी विवरण**

Required/आवश्यकता	No
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**ePBG Detail/ईपीबीजी विवरण**

Required/आवश्यकता	No
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**Splitting/विभाजन**

Bid splitting not applied/बोली विभाजन लागू नहीं किया गया.

**MII Purchase Preference/एमआईआई खरीद वरीयता**

MII Purchase Preference/एमआईआई खरीद वरीयता	No
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**MSE Purchase Preference/एमएसई खरीद वरीयता**

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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1. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY. The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023 [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

2. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

**LED Luminaire (for Flood Light) As Per IS 10322, IS 16107 ( 40 pieces )****Technical Specifications/तकनीकी विशिष्टियाँ**

\* [As per GeM Category Specification/जेम कैटेगरी विशिष्टि के अनुसार](#)

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	LED Luminaire conformity to IS:10322/Part 5/Section 5/2012 latest and IS: 16107 (Part 2/Sec 1):2012 latest	Yes, Yes. Including Equipment protection: 'Ex d", Zone II, Gas Group II C as per IS/IEC 60079-0 and 1:2007 latest. And with CCE Approval Certificates for Flameproof equipments
	LED Rating/System Wattage/Rated Power	60W
	Ingress Protection (IP Rating) as per IS:10322 (Part 1):1982 latest	IP66, IP65, IP67
	Warranty for free replacement (in Years)	2, 5, 3, 4
ELECTRICAL EFFICIENCY	Input operating Voltage range and frequency	90 to 300 V olts AC at 50 Hz+/-2 Hz
	Rated voltage	230 V AC 50 Hz
	Total Harmonics Distortion (in %age)	? 10
OPTICAL	Colour temperature (+/- 500K)	6000K, 6500K, 5000K, 5500K
	Working life for LED (Minimum 50,000 burning hours as per LM-80 report)	Yes
	Colour Rendering Index(CRI)	?70
THERMAL MANAGEMENT	Heat sink should be die-cast aluminium along with sufficient heat sink fins to dissipate heat effectively	Yes
	Junction temperature	< 85 degC
	Operating temperature range	-20 deg C to +50 deg C, -10 deg C to +50 deg C, -10 deg C to +55 deg C
PROTECTION	The luminaire shall be protected against surges and transients ( Internal)	>/=5KV, >/=4KV
	The luminaire shall be protected against surges and transients of >/=10KV (External)	Yes
CONSTRUCTIONAL	The Luminaires casing/housing (single piece housing) shall be pressure die casted aluminium alloy with higher thermal conductivity	Yes
	Number of electronic control gear (power supplies)	1 No.

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Length of ISI marked three core wire (shall be provided along with supply of material)	50 cm, 100 cm
REPORTS AND CERTIFICATIONS	LED Make	OSRAM / NICHIA/CREE / SAMSUNG / SEOUL / LUMILED / PHILIPS / EDISON / SYSKA / LUMENMAX / EVERLIGHT / BRIDGELUX / NATIONSTAR / REFOND

**Additional Specification Parameters - LED Luminaire (for Flood Light) As Per IS 10322, IS 16107 ( 40 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
Requirement 1	LED Flood Light Luminaire having system wattage 60 watts, conforming to IS 10322 or latest and as per the following specification. 1) System wattage: 60 W 2) Lumen output : minimum 90 lumens/watt 3) Operating Voltage Range : 120-270V 3) Frequency : 50Hz +/- 5% 4). Power Factor : > 0.9, 5) View Angle Minimum : 120deg 6) Colour Temperatue : 5000-6500K
Requirement 2	7) CRI : > 60 8) It shall be provided with suitable driver to operate on 230V, single phase AC supply. 9) THD : <=10%, 10) Protection : Surge Protection 2.5KV and above 11) Ingress Protection : IP 65 (or) above 12) Light Colour : White 13). Mounting Arrangement: Bracket Mounted. 14).Lamp Housing: Die cast aluminium housing with toughened glass cover.
Certificates	The firm should submit type test report from Government accredited/NABL/ILAC labs.
Acceptable Makes	Surya/ Philips/ Bajaj / Osram/ Wipro/ GE/ Havells/ HPL/ Syska/Halonix/ Venture/ Ascentech

\* Bidders offering must also comply with the additional specification parameters mentioned above.

**Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा**

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Sachin Kumar	620004,OFFICE OF THE DY.CEE /SHOPS/CENTRAL WORKSHOP,PONMALAI,TIRUCHI RAPALLI	40	30

**LED Luminaire (for Flood Light) As Per IS 10322, IS 16107 ( 40 pieces )**

## Technical Specifications/तकनीकी विशिष्टियाँ

\* As per GeM Category Specification/जेम कैटेगरी विशिष्टि के अनुसार

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	LED Luminaire conformity to IS:10322/Part 5/Section 5/2012 latest and IS: 16107 (Part 2/Sec 1):2012 latest	Yes
	LED Rating/System Wattage/Rated Power	80W
	Ingress Protection (IP Rating) as per IS:10322 (Part 1):1982 latest	IP66, IP65, IP67
	Warranty for free replacement (in Years)	2, 5, 3, 4
ELECTRICAL EFFICIENCY	Input operating Voltage range and frequency	90 to 300 V olts AC at 50 Hz+/-2 Hz, 140 to 270 V olts AC at 50 Hz+/-2 Hz with auto cutt off at below 120V, 150-270V , 50 Hz +/-5% with auto cut off 140V (low) & 277V (high)
	Rated voltage	230 V AC 50 Hz
	Total Harmonics Distortion (in %age)	? 10
OPTICAL	Colour temperature (+/- 500K)	6000K, 6500K, 5000K, 5500K
	Working life for LED (Minimum 50,000 burning hours as per LM-80 report)	Yes
	Colour Rendering Index(CRI)	?70
THERMAL MANAGEMENT	Heat sink should be die-cast aluminium along with sufficient heat sink fins to dissipate heat effectively	Yes
	Junction temperature	< 85 degC
	Operating temperature range	-20 deg C to +50 deg C, -10 deg C to +50 deg C, -10 deg C to +55 deg C
PROTECTION	The luminaire shall be protected against surges and transients ( Internal)	>/=5KV, >/=4KV
	The luminaire shall be protected against surges and transients of >/=10KV (External)	Yes

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
CONSTRUCTIONAL	The Luminaires casing/housing (single piece housing) shall be pressure die casted aluminium alloy with higher thermal conductivity	Yes
	Number of electronic control gear (power supplies)	2 Nos.
	Length of ISI marked three core wire (shall be provided along with supply of material)	50 cm, 100 cm
REPORTS AND CERTIFICATIONS	LED Make	OSRAM / NICHIA/CREE / SAMSUNG / SEOUL / LUMILED / PHILIPS / EDISON / SYSKA / LUMENMAX / EVERLIGHT / BRIDGELUX / NATIONSTAR / REFOND

**Additional Specification Parameters - LED Luminaire (for Flood Light) As Per IS 10322, IS 16107 ( 40 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
Requirement 1	LED Flood Light Luminaire having system wattage 80 watts, conforming to IS 10322 or latest and as per the following specification. 1) System wattage: 80 W 2) Lumen output: minimum 90 lumens/watt 3) Operating Voltage Range : 160-270V 3) Frequency : 50Hz +/- 5% 4). Power Factor: > 0.9, 5) View Angle Minimum: 120deg, 6) Colour Temperature : 5000-6500K
Requirement 2	7) CRI : > 60, 8) It shall be provided with suitable driver to operate on 230V, single phase AC supply. 9) THD : <=10%, 10) Protection : Surge Protection 2.5KV and above 11) Ingress Protection : IP 65 (or) above 12) Light output Colour : White 13). Mounting Arrangement: Bracket Mounted. 14). Lamp Housing: Die cast aluminium housing with toughened glass cover.
Certificates	The firm should submit test report from Government accredited/NABL/ILAC labs.
Acceptable Makes	Surya/ Philips/ Bajaj / Osram/ Wipro/ GE/ Havells/ HPL/ Syska/Halonix/ Venture/ Ascentech

\* Bidders offering must also comply with the additional specification parameters mentioned above.

**Consignees/Reporting Officer/प्रेषित/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा**

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Sachin Kumar	620004, OFFICE OF THE DY.CEE /SHOPS/CENTRAL WORKSHOP,PONMALAI,TIRUCHI RAPALLI	40	30

## Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें

### 1. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity 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. Scope of Supply

Scope of supply (Bid price to include all cost components) : Only supply of Goods

### 3. Turnover

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.

### 4. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

1.The firm has to upload aggregate turnover for 5 Crores (in the applicable annexure in the format attached in ATC document) and financial statement for the last year in GeM portal to facilitate bill passing.

2.Apart from Technical Specifications, Additional Specification Parameters will also be considered for evaluation of bid.

3.Successful bidder to submit Warranty certificate as per GeM bid / contract along with the supply

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### 5. Buyer Added Bid Specific ATC

Buyer uploaded ATC document [Click here to view the file.](#)

## Disclaimer/अस्वीकरण

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and

resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

[This Bid is also governed by the General Terms and Conditions/ यह बिड सामान्य शर्तों के अंतर्गत भी शासित है](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action

in accordance with the laws./जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्यवाई का आधार होगा।

**---Thank You/धन्यवाद---**