

### Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	26-04-2025 19:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	26-04-2025 19:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	120 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Defence
Department Name/विभाग का नाम	Department Of Military Affairs
Organisation Name/संगठन का नाम	Indian Army
Office Name/कार्यालय का नाम	*****
क्रेता ईमेल/Buyer Email	gravi26669-cgo@gov.in
Total Quantity/कुल मात्रा	3358
Item Category/मद केटेगरी	LED Batten (Q2) , Self Ballasted LED Lamps for General Lighting Services (V2) Conforming to IS 16102 (Q2) , LED Luminaire for Road and Street Lights (V2) Conforming to IS 10322 (Part 5 / Section 3) (Q3) , LED Luminaire for Floodlight (V2) Conforming to IS 10322 (Part 5/Section 5) (Q3) , XLPE Cable for Working Voltages up to and Including 1.1 KV as per IS 7098 (Part 1) (Q2) , MCB - Miniature Circuit - Breakers for A.C. Operation as per IS / IEC 60898 (Part 1) (Q2)
Minimum Average Annual Turnover of the bidder (For 3 Years)/बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का)	19 Lakh (s)
Years of Past Experience Required for same/similar service/उन्हीं/समान सेवाओं के लिए अपेक्षित विगत अनुभव के वर्ष	3 Year (s)
MSE Exemption for Years Of Experience/अनुभव के वर्षों से एमएसई छूट/ and Turnover/टर्नओवर के लिए एमएसई को छूट प्राप्त है	Yes
Startup Exemption for Years Of Experience/अनुभव के वर्षों से स्टार्टअप छूट/ and Turnover/ टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है	Yes

Bid Details/बिड विवरण	
<b>Document required from seller/विक्रेता से मांगे गए दस्तावेज़</b>	Experience Criteria,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate *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>Do you want to show documents uploaded by bidders to all bidders participated in bid?/</b>	Yes
<b>Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया</b>	Yes
<b>RA Qualification Rule</b>	H1-Highest Priced Bid Elimination
<b>Type of Bid/बिड का प्रकार</b>	Two Packet Bid
<b>Primary product category</b>	Self Ballasted LED Lamps for General Lighting Services (V2) Conforming to IS 16102
<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>Evaluation Method/मूल्यांकन पद्धति</b>	Total value wise evaluation
<b>Arbitration Clause</b>	No
<b>Mediation Clause</b>	No

#### EMD Detail/ईएमडी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
EMD Amount/ईएमडी राशि	114000

#### ePBG Detail/ईपीबीजी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
ePBG Percentage(%) / ईपीबीजी प्रतिशत (%)	2.00
Duration of ePBG required (Months)/ईपीबीजी की अपेक्षित अवधि (महीने).	3

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy./जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित कैटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ प्रस्तुत करने हैं। एमएसई कैटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable./ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए।

**Beneficiary/लाभार्थी :**

GARRISON ENGINEER CENTRAL  
CWE ARMY BANGALORE NO 101 DICKENSON ROAD BANGALORE PIN-560042  
(Ge Central Bangalore)

**MII Purchase Preference/एमआईआई खरीद वरीयता**

MII Purchase Preference/एमआईआई खरीद वरीयता	Yes
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**MSE Purchase Preference/एमएसई खरीद वरीयता**

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to their meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
3. 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 above 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. 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 for number of Financial years as indicated above 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 Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
5. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .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.

6. Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal 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 themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. 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 and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. 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 MSE 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. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

7. Reverse Auction would be conducted amongst all the technically qualified bidders except the Highest quoting bidder. The technically qualified Highest Quoting bidder will not be allowed to participate in RA. However, H-1 will also be allowed to participate in RA in following cases:

- If number of technically qualified bidders are only 2 or 3.
- If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.
- In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.
- If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1
- If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1

### LED Batten ( 500 pieces )

**(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)**

#### Technical Specifications/तकनीकी विशिष्टियाँ

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
GENERIC	<b>LED Batten Rating (in Watts)</b>	22.0
	<b>Length of LED Batten (Nominal) (in mm)</b>	1150.0
	<b>Lamp Efficacy (Lumen / Watt), Minimum</b>	100, 110 Or higher
	LED chip Efficacy (Lumen / Watt), Minimum	120, 130
	Colour Temperature (in K)	6500 (Cool white)
	<b>Warranty for free replacement (in Years)</b>	1, 2, 3 Or higher
CONSTRUCTIONAL	<b>Housing Material</b>	Polycarbonate
	Colour Rendering Index (CRI) - Minimum	70, 80 Or higher
	Total Harmonics (%), Maximum	15, 20 Or lower

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Operating Voltage range (in Volts)	100 to 300, 140 to 270

**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	*****	*****Bangalore	500	15

### **Self Ballasted LED Lamps For General Lighting Services (V2) Conforming To IS 16102 ( 75 pieces )**

**(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)**

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
RATING	Rated wattage of LED lamp (in Watts)	5
	Star Rating of LED Lamp	2 Star
	Rated luminous efficacy (Lumen/Watt)	? 105 and < 120
	Colour Temperature, CCT (in K)	6500
	Type of LED Lamp Cap	B 22 d
CONSTRUCTION	Warranty for free replacement (in months)	12, 24, 36 Or higher

**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	*****	*****Bangalore	75	15

### Self Ballasted LED Lamps For General Lighting Services (V2) Conforming To IS 16102 ( 100 pieces )

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

#### Technical Specifications/तकनीकी विशिष्टियाँ

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
RATING	Rated wattage of LED lamp (in Watts)	9
	Star Rating of LED Lamp	2 Star, 3 Star
	Rated luminous efficacy (Lumen/Watt)	? 105 and < 120, ? 120 and < 135
	Colour Temperature, CCT (in K)	6500
	Type of LED Lamp Cap	B 22 d
	Rated Input voltage (in Volts)	220, 230, 240
	Operating voltage range	100 Volt to 300 Volt, 140 Volt to 270 Volt
PERFORMANCE	Surge voltage withstand, Minimum (in kV)	4, 2.5
CONSTRUCTION	Warranty for free replacement (in months)	12, 24, 36 Or higher

#### 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	*****	*****Bangalore	100	15

### Self Ballasted LED Lamps For General Lighting Services (V2) Conforming To IS 16102 (

**75 pieces )**

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
RATING	Rated wattage of LED lamp (in Watts)	14
	Star Rating of LED Lamp	2 Star, 3 Star
	Rated luminous efficacy (Lumen/Watt)	? 105 and < 120, ? 120 and < 135
	Colour Temperature, CCT (in K)	6500
	Type of LED Lamp Cap	B 22 d
	Rated Input voltage (in Volts)	220, 230, 240
	Operating voltage range	100 Volt to 300 Volt, 140 Volt to 270 Volt
PERFORMANCE	Surge voltage withstand, Minimum (in kV)	4, 2.5
CONSTRUCTION	Warranty for free replacement (in months)	12, 24, 36 Or higher

**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	*****	*****Bangalore	75	15

**LED Batten ( 500 pieces )**

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
GENERIC	LED Batten Rating (in Watts)	18.0
	Length of LED Batten (Nominal) (in mm)	1150.0
	Lamp Efficacy (Lumen / Watt), Minimum	100, 110 Or higher
	LED chip Efficacy (Lumen / Watt), Minimum	120, 130
	Colour Temperature (in K)	6500 (Cool white)
	Warranty for free replacement (in Years)	1, 2, 3 Or higher
CONSTRUCTIONAL	Housing Material	Polycarbonate
	Colour Rendering Index (CRI) - Minimum	70, 80 Or higher
	Total Harmonics (%), Maximum	15, 20 Or lower
	Operating Voltage range (in Volts)	100 to 300, 140 to 270

**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	*****	*****Bangalore	500	15

### LED Luminaire For Road And Street Lights (V2) Conforming To IS 10322 (Part 5 / Section 3) ( 50 pieces )

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
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Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
LED RATING	LED Rating (in Watts)/ System Wattage/ Rated Power	70
	LED luminaire luminous Efficacy (Lumen/watt) (Hint: Total Lumen Calculation: Example: 18 W LED Rating x 100 Lumen/Watt = 1800 Lumens, 18 W LED Rating x 120 Lumen / Watt = 2160 Lumens, 18 W LED Rating x 140 Lumen/Watt = 2520 Lumens)	100, 120, 140 Or higher
	Color Temperature of LEDs (in K )	6500
ELECTRICAL CHARACTERISTIC	Rated voltage / Luminaire works on	220 V, 50 Hz, AC / Single phase three wires system (Phase, Neutral and Earth), 230 V, 50 Hz, AC / Single phase three wires system (Phase, Neutral and Earth)
	Input operating voltage range and frequency	90 to 300 Volts AC at 50 Hz +/-2, 140 to 270 Volts AC at 50 Hz +/-2
CONTROL GEAR	Number of electronic control gear in the luminaire (power supplies)	1, 2 Or higher
LUMINAIRE	Provision of luminaire connecting wire along with the supply of material	40 cm (ISI marked to IS 9968), 50 cm (ISI marked to IS 9968)
MARKING	LED Make	OSRAM / NICHIA / CREE / SAMSUNG / SEOUL / LUMILEDS / PHILIPS / SYSKA / LUMENMAX / EVERLIGHT / EDISON / BRIDGELUX / NATIONSTAR / REFOND/APT
REPORTS AND CERTIFICATIONS	Warranty for free replacement (in years)	2, 3, 4, 5 Or higher

**Additional Specification Parameters - LED Luminaire For Road And Street Lights (V2) Conforming To IS 10322 (Part 5 / Section 3) ( 50 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
Protection of the entire housing (both LED section and driver section) as per IS 10322 (Part 1) : IP 65	Protection of the entire housing (both LED section and driver section) as per IS 10322 (Part 1) : IP 66

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

**Consignees/Reporting Officer/परेषितो/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	*****	*****Bangalore	50	15

### LED Luminaire For Floodlight (V2) Conforming To IS 10322 (Part 5/Section 5) ( 25 pieces )

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

#### Technical Specifications/तकनीकी विशिष्टियाँ

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
LED RATING	LED Rating/System Wattage/Rated Power (in Watts)	50
	Colour Temperature (in K) (+/- 500K)	6000
MARKING	LED Make	OSRAM / NICHIA/CREE / SAMSUNG / SEOUL / LUMILED / PHILIPS / EDISON / SYSKA / LUMENMAX / EVERLIGHT / BRIDGELUX / NATIONSTAR / REFOND/APT

### Additional Specification Parameters - LED Luminaire For Floodlight (V2) Conforming To IS 10322 (Part 5/Section 5) ( 25 pieces )

Specification Parameter Name	Bid Requirement (Allowed Values)
Protection of the entire housing (both LED section and driver section) as per IS 10322 (Part 1) : IP 66	Protection of the entire housing (both LED section and driver section) as per IS 10322 (Part 1) : IP 65

\* 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	*****	*****Bangalore	25	15

**LED Luminaire For Floodlight (V2) Conforming To IS 10322 (Part 5/Section 5) ( 13 pieces )**

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
LED RATING	LED Rating/System Wattage/Rated Power (in Watts)	30
	Colour Temperature (in K) (+/- 500K)	6000
MARKING	LED Make	OSRAM / NICHIA/CREE / SAMSUNG / SEOUL / LUMILED / PHILIPS / EDISON / SYSKA / LUMENMAX / EVERLIGHT / BRIDGELUX / NATIONSTAR / REFOND/APT

**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	*****	*****Bangalore	13	15

**LED Luminaire For Road And Street Lights (V2) Conforming To IS 10322 (Part 5 / Section 3) ( 25 pieces )**

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
LED RATING	LED Rating (in Watts)/ System Wattage/ Rated Power	45

Specification	Specification Name/विशिष्ट का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	<b>LED luminaire luminous Efficacy (Lumen/watt) (Hint: Total Lumen Calculation: Example: 18 W LED Rating x 100 Lumen/Watt = 1800 Lumens, 18 W LED Rating x 120 Lumen / Watt = 2160 Lumens, 18 W LED Rating x 140 Lumen/Watt = 2520 Lumens)</b>	140 Or higher
	Color Temperature of LEDs (in K )	6500
ELECTRICAL CHARACTERISTIC	Rated voltage / Luminaire works on	230 V, 50 Hz, AC / Single phase three wires system (Phase, Neutral and Earth), 240 V, 50 Hz, AC / Single phase three wires system (Phase, Neutral and Earth)
	<b>Input operating voltage range and frequency</b>	90 to 300 Volts AC at 50 Hz +/-2, 140 to 270 Volts AC at 50 Hz +/-2
CONTROL GEAR	<b>Number of electronic control gear in the luminaire (power supplies)</b>	1, 2 Or higher
LUMINAIRE	<b>Provision of luminaire connecting wire along with the supply of material</b>	40 cm (ISI marked to IS 9968), 50 cm (ISI marked to IS 9968)
REPORTS AND CERTIFICATIONS	<b>Warranty for free replacement (in years)</b>	2, 3, 4, 5 Or higher

**Additional Specification Parameters - LED Luminaire For Road And Street Lights (V2) Conforming To IS 10322 (Part 5 / Section 3) ( 25 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
Protection of the entire housing (both LED section and driver section) as per IS 10322 (Part 1) : IP 65	Protection of the entire housing (both LED section and driver section) as per IS 10322 (Part 1) : IP 66

\* 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	*****	*****Bangalore	25	15

### LED Luminaire For Road And Street Lights (V2) Conforming To IS 10322 (Part 5 / Section 3) ( 25 pieces )

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

#### Technical Specifications/तकनीकी विशिष्टियाँ

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
LED RATING	LED Rating (in Watts)/ System Wattage/ Rated Power	24
	LED luminaire luminous Efficacy (Lumen/watt) (Hint: Total Lumen Calculation: Example: 18 W LED Rating x 100 Lumen/Watt = 1800 Lumens, 18 W LED Rating x 120 Lumen / Watt = 2160 Lumens, 18 W LED Rating x 140 Lumen/Watt = 2520 Lumens)	100, 120, 140 Or higher
	Color Temperature of LEDs (in K )	6500
ELECTRICAL CHARACTERISTIC	Rated voltage / Luminaire works on	230 V, 50 Hz, AC / Single phase three wires system (Phase, Neutral and Earth), 240 V, 50 Hz, AC / Single phase three wires system (Phase, Neutral and Earth)
	Input operating voltage range and frequency	90 to 300 Volts AC at 50 Hz +/-2, 140 to 270 Volts AC at 50 Hz +/-2
CONTROL GEAR	Number of electronic control gear in the luminaire (power supplies)	1, 2 Or higher
LUMINAIRE	Provision of luminaire connecting wire along with the supply of material	40 cm (ISI marked to IS 9968), 50 cm (ISI marked to IS 9968)
REPORTS AND CERTIFICATIONS	Warranty for free replacement (in years)	2, 3, 4, 5 Or higher

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	*****	*****Bangalore	25	15

### LED Luminaire For Road And Street Lights (V2) Conforming To IS 10322 (Part 5 / Section 3) ( 50 pieces )

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

#### Technical Specifications/तकनीकी विशिष्टियाँ

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
LED RATING	LED Rating (in Watts)/ System Wattage/ Rated Power	48
	LED luminaire luminous Efficacy (Lumen/watt) (Hint: Total Lumen Calculation: Example: 18 W LED Rating x 100 Lumen/Watt = 1800 Lumens, 18 W LED Rating x 120 Lumen / Watt = 2160 Lumens, 18 W LED Rating x 140 Lumen/Watt = 2520 Lumens)	120, 140 Or higher
ELECTRICAL CHARACTERISTIC	Input operating voltage range and frequency	90 to 300 Volts AC at 50 Hz +/-2
CONTROL GEAR	Number of electronic control gear in the luminaire (power supplies)	2 Or higher
LUMINAIRE	Provision of luminaire connecting wire along with the supply of material	50 cm (ISI marked to IS 9968)
REPORTS AND CERTIFICATIONS	Warranty for free replacement (in years)	2, 3, 4, 5 Or higher

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	*****	*****Bangalore	50	15

### LED Luminaire For Road And Street Lights (V2) Conforming To IS 10322 (Part 5 / Section 3) ( 50 pieces )

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

#### Technical Specifications/तकनीकी विशिष्टियाँ

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
LED RATING	LED Rating (in Watts)/ System Wattage/ Rated Power	90
	LED luminaire luminous Efficacy (Lumen/watt) (Hint: Total Lumen Calculation: Example: 18 W LED Rating x 100 Lumen/Watt = 1800 Lumens, 18 W LED Rating x 120 Lumen / Watt = 2160 Lumens, 18 W LED Rating x 140 Lumen/Watt = 2520 Lumens)	100, 120, 140 Or higher
ELECTRICAL CHARACTERISTIC	Input operating voltage range and frequency	140 to 270 Volts AC at 50 Hz +/-2
CONTROL GEAR	Number of electronic control gear in the luminaire (power supplies)	1, 2 Or higher
LUMINAIRE	Provision of luminaire connecting wire along with the supply of material	40 cm (ISI marked to IS 9968)
REPORTS AND CERTIFICATIONS	Warranty for free replacement (in years)	2, 3, 4, 5 Or higher

**Additional Specification Parameters - LED Luminaire For Road And Street Lights (V2) Conforming To IS 10322 (Part 5 / Section 3) ( 50 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
Color Temperature of LEDs (in K ) : 5700 K	Color Temperature of LEDs (in K ) : 6000 K

\* 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	*****	*****Bangalore	50	15

### **LED Luminaire For Road And Street Lights (V2) Conforming To IS 10322 (Part 5 / Section 3) ( 25 pieces )**

**(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)**

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
LED RATING	<b>LED Rating (in Watts)/ System Wattage/ Rated Power</b>	30
	<b>LED luminaire luminous Efficacy (Lumen/watt) (Hint: Total Lumen Calculation: Example: 18 W LED Rating x 100 Lumen/Watt = 1800 Lumens, 18 W LED Rating x 120 Lumen / Watt = 2160 Lumens, 18 W LED Rating x 140 Lumen/Watt = 2520 Lumens)</b>	100, 120, 140 Or higher
ELECTRICAL CHARACTERISTIC	<b>Input operating voltage range and frequency</b>	90 to 300 Volts AC at 50 Hz +/-2
CONTROL GEAR	<b>Number of electronic control gear in the luminaire (power supplies)</b>	1, 2 Or higher
LUMINAIRE	<b>Provision of luminaire connecting wire along with the supply of material</b>	40 cm (ISI marked to IS 9968)
REPORTS AND CERTIFICATIONS	<b>Warranty for free replacement (in years)</b>	4, 5 Or higher



**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	*****	*****Bangalore	25	15

**XLPE Cable For Working Voltages Up To And Including 1.1 KV As Per IS 7098 (Part 1) ( 150 meter )**

**(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)**

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	Conformity of the specification for XLPE cable	as per IS:7098 (Part 1): 1988 latest
	Cables suitable for use in mines	No
	Cables suitable for use in low temperature applications	No
GENERIC	Classification of cables for improved fire performance category	01, C1 - FR
	Nominal Area of Conductor (in Sq mm)	35
	Number of core (in Nos)	3.5
CONSTRUCTION	Material of conductor	Aluminium
	Type of inner sheath	Thermoplastic
ARMOURING	Type of cable	Armoured cable
	Material of armouring	Galvanized round steel wire, Galvanized steel formed wire
	Type of armouring	Single wire, Single strip
CERTIFICATION	Availability of Optional Test Reports	Cold bend test for outer sheath

**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	*****	*****Bangalore	150	15

**XLPE Cable For Working Voltages Up To And Including 1.1 KV As Per IS 7098 (Part 1) ( 150 meter )**

**(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)**

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	Conformity of the specification for XLPE cable	as per IS:7098 (Part 1): 1988 latest
	Cables suitable for use in mines	No
	Cables suitable for use in low temperature applications	No
GENERIC	Classification of cables for improved fire performance category	01, C1 - FR
	Nominal Area of Conductor (in Sq mm)	50
	Number of core (in Nos)	3.5
CONSTRUCTION	Material of conductor	Aluminium
	Type of inner sheath	Thermoplastic
ARMOURING	Type of cable	Armoured cable
	Material of armouring	Galvanized round steel wire, Galvanized steel formed wire
	Type of armouring	Single wire, Single strip
CERTIFICATION	Availability of Optional Test Reports	Cold bend test for outer sheath, Cold impact test for outer sheath, Resistance test for Armour, Not applicable

**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	*****	*****Bangalore	150	15

**XLPE Cable For Working Voltages Up To And Including 1.1 KV As Per IS 7098 (Part 1) ( 150 meter )**

**(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)**

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	Conformity of the specification for XLPE cable	as per IS:7098 (Part 1): 1988 latest
	Cables suitable for use in mines	No
	Cables suitable for use in low temperature applications	No
GENERIC	Classification of cables for improved fire performance category	01, C1 - FR
	Nominal Area of Conductor (in Sq mm)	70
	Number of core (in Nos)	3.5
CONSTRUCTION	Material of conductor	Aluminium
	Type of inner sheath	Thermoplastic
ARMOURING	Type of cable	Armoured cable
	Material of armouring	Galvanized round steel wire, Galvanized steel formed wire
	Type of armouring	Single wire, Single strip
CERTIFICATION	Availability of Optional Test Reports	Cold impact test for outer sheath

**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	*****	*****Bangalore	150	15

**XLPE Cable For Working Voltages Up To And Including 1.1 KV As Per IS 7098 (Part 1) ( 150 meter )**

**(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)**

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	Conformity of the specification for XLPE cable	as per IS:7098 (Part 1): 1988 latest
	Cables suitable for use in mines	No
	Cables suitable for use in low temperature applications	No
GENERIC	Classification of cables for improved fire performance category	01, C1 - FR
	Nominal Area of Conductor (in Sq mm)	95
	Number of core (in Nos)	3.5
CONSTRUCTION	Material of conductor	Aluminium
	Type of inner sheath	Thermoplastic
ARMOURING	Type of cable	Armoured cable
	Material of armouring	Galvanized round steel wire, Galvanized steel formed wire
	Type of armouring	Single wire, Single strip
CERTIFICATION	Availability of Optional Test Reports	Not applicable

**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	*****	*****Bangalore	150	15

**XLPE Cable For Working Voltages Up To And Including 1.1 KV As Per IS 7098 (Part 1) ( 100 meter )**

**(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)**

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	Conformity of the specification for XLPE cable	as per IS:7098 (Part 1): 1988 latest
	Cables suitable for use in mines	No
	Cables suitable for use in low temperature applications	No
GENERIC	Classification of cables for improved fire performance category	01, C1 - FR
	Nominal Area of Conductor (in Sq mm)	25
	Number of core (in Nos)	3.5
CONSTRUCTION	Material of conductor	Aluminium
	Type of inner sheath	Thermoplastic
ARMOURING	Type of cable	Armoured cable
	Material of armouring	Galvanized round steel wire, Galvanized steel formed wire
	Type of armouring	Single wire, Single strip
CERTIFICATION	Availability of Optional Test Reports	Not applicable

**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	*****	*****Bangalore	100	15

**LED Luminaire For Road And Street Lights (V2) Conforming To IS 10322 (Part 5 / Section 3) ( 13 pieces )**

**(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)**

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
LED RATING	LED Rating (in Watts)/ System Wattage/ Rated Power	90
	LED luminaire luminous Efficacy (Lumen/watt) (Hint: Total Lumen Calculation: Example: 18 W LED Rating x 100 Lumen/Watt = 1800 Lumens, 18 W LED Rating x 120 Lumen / Watt = 2160 Lumens, 18 W LED Rating x 140 Lumen/Watt = 2520 Lumens)	100, 120, 140 Or higher
ELECTRICAL CHARACTERISTIC	Rated voltage / Luminaire works on	220 V, 50 Hz, AC / Single phase three wires system (Phase, Neutral and Earth), 230 V, 50 Hz, AC / Single phase three wires system (Phase, Neutral and Earth), 240 V, 50 Hz, AC / Single phase three wires system (Phase, Neutral and Earth)
	Input operating voltage range and frequency	90 to 300 Volts AC at 50 Hz +/-2, 140 to 270 Volts AC at 50 Hz +/-2
CONTROL GEAR	Number of electronic control gear in the luminaire (power supplies)	1, 2 Or higher
LUMINAIRE	Provision of luminaire connecting wire along with the supply of material	40 cm (ISI marked to IS 9968), 50 cm (ISI marked to IS 9968)

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
REPORTS AND CERTIFICATIONS	Warranty for free replacement (in years)	2, 3, 4, 5 Or higher

**Additional Specification Parameters - LED Luminaire For Road And Street Lights (V2) Conforming To IS 10322 (Part 5 / Section 3) ( 13 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
Color Temperature of LEDs (in K ) : 5700 K	Color Temperature of LEDs (in K ) : 6000 K

\* 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	*****	*****Bangalore	13	15

**MCB - Miniature Circuit - Breakers For A.C. Operation As Per IS / IEC 60898 (Part 1) ( 5 pieces )**

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	Conformity of the specification	as per IS/IEC 60898 : PART 1:2015 latest
	Product ISI Marked	Yes
RATING	No. of pole (hint: "P" - Pole, "PP" Protected Pole)	2 P with 2 PP
	Rated voltage (in Volts)	230 / 415 V, AC, 240 / 415 V, AC
	Rated Current (in Ampere)	16

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Instantaneous tripping current type	C
	Rated Short circuit capacity (in Ampere)	10000
CONSTRUCTION	Provision of steel sheet enclosure duly pretreated stove enamelled/powder coated for MCBs	Without enclosure

**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	*****	*****Bangalore	5	15

### **MCB - Miniature Circuit - Breakers For A.C. Operation As Per IS / IEC 60898 (Part 1) ( 8 pieces )**

**(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)**

### **Technical Specifications/तकनीकी विशिष्टियाँ**

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	Conformity of the specification	as per IS/IEC 60898 : PART 1:2015 latest
	Product ISI Marked	Yes
RATING	No. of pole (hint: "P" - Pole, "PP" Protected Pole)	3 P with 3 PP
	Rated voltage (in Volts)	230 / 415 V, AC, 240 / 415 V, AC
	Rated Current (in Ampere)	40
	Instantaneous tripping current type	C
	Rated Short circuit capacity (in Ampere)	10000



Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
CONSTRUCTION	Provision of steel sheet enclosure duly pretreated stove enamelled/powder coated for MCBs	Without enclosure

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	*****	*****Bangalore	8	15

### MCB - Miniature Circuit - Breakers For A.C. Operation As Per IS / IEC 60898 (Part 1) ( 20 pieces )

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

#### Technical Specifications/तकनीकी विशिष्टियाँ

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	Conformity of the specification	as per IS/IEC 60898 : PART 1:2015 latest
	Product ISI Marked	Yes
RATING	No. of pole (hint: "P" - Pole, "PP" Protected Pole)	4 P with 3 PP
	Rated voltage (in Volts)	230 / 415 V, AC, 240 / 415 V, AC
	Rated Current (in Ampere)	63
	Instantaneous tripping current type	C
	Rated Short circuit capacity (in Ampere)	10000
CONSTRUCTION	Provision of steel sheet enclosure duly pretreated stove enamelled/powder coated for MCBs	Without enclosure

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	*****	*****Bangalore	20	15

**MCB - Miniature Circuit - Breakers For A.C. Operation As Per IS / IEC 60898 (Part 1) ( 10 pieces )**

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	Conformity of the specification	as per IS/IEC 60898 : PART 1:2015 latest
	Product ISI Marked	Yes
RATING	No. of pole (hint: "P" - Pole, "PP" Protected Pole)	4 P with 4 PP
	Rated voltage (in Volts)	230 / 415 V, AC, 240 / 415 V, AC
	Rated Current (in Ampere)	32
	Instantaneous tripping current type	C
	Rated Short circuit capacity (in Ampere)	10000
CONSTRUCTION	Provision of steel sheet enclosure duly pretreated stove enamelled/powder coated for MCBs	Without enclosure

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	*****	*****Bangalore	10	15

### MCB - Miniature Circuit - Breakers For A.C. Operation As Per IS / IEC 60898 (Part 1) ( 25 pieces )

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

#### Technical Specifications/तकनीकी विशिष्टियाँ

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	Conformity of the specification	as per IS/IEC 60898 : PART 1:2015 latest
	Product ISI Marked	Yes
RATING	No. of pole (hint: "P" - Pole, "PP" Protected Pole)	4 P with 4 PP
	Rated voltage (in Volts)	230 / 415 V, AC, 240 / 415 V, AC
	Rated Current (in Ampere)	40
	Instantaneous tripping current type	C
	Rated Short circuit capacity (in Ampere)	10000
CONSTRUCTION	Provision of steel sheet enclosure duly pretreated stove enamelled/powder coated for MCBs	Without enclosure

#### 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	*****	*****Bangalore	25	15

**MCB - Miniature Circuit - Breakers For A.C. Operation As Per IS / IEC 60898 (Part 1) ( 20 pieces )**

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	Conformity of the specification	as per IS/IEC 60898 : PART 1:2015 latest
	Product ISI Marked	Yes
RATING	No. of pole (hint: "P" - Pole, "PP" Protected Pole)	2 P with 2 PP
	Rated voltage (in Volts)	230 / 415 V, AC, 240 / 415 V, AC
	Rated Current (in Ampere)	32
	Instantaneous tripping current type	C
	Rated Short circuit capacity (in Ampere)	10000
CONSTRUCTION	Provision of steel sheet enclosure duly pretreated stove enamelled/powder coated for MCBs	Without enclosure

**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	*****	*****Bangalore	20	15

**MCB - Miniature Circuit - Breakers For A.C. Operation As Per IS / IEC 60898 (Part 1) ( 13 pieces )**

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	Conformity of the specification	as per IS/IEC 60898 : PART 1:2015 latest
	Product ISI Marked	Yes
RATING	No. of pole (hint: "P" - Pole, "PP" Protected Pole)	2 P with 2 PP
	Rated voltage (in Volts)	230 / 415 V, AC, 240 / 415 V, AC
	Rated Current (in Ampere)	63
	Instantaneous tripping current type	C
	Rated Short circuit capacity (in Ampere)	10000
CONSTRUCTION	Provision of steel sheet enclosure duly pretreated stove enamelled/powder coated for MCBs	Without enclosure

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	*****	*****Bangalore	13	15

### MCB - Miniature Circuit - Breakers For A.C. Operation As Per IS / IEC 60898 (Part 1) ( 50 pieces )

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

### Technical Specifications/तकनीकी विशिष्टियाँ

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	Conformity of the specification	as per IS/IEC 60898 : PART 1:2015 latest
	Product ISI Marked	Yes

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
RATING	No. of pole (hint: "P" - Pole, "PP" Protected Pole)	1 P
	Rated voltage (in Volts)	230 / 415 V, AC, 240 / 415 V, AC
	Rated Current (in Ampere)	10
	Instantaneous tripping current type	C
	Rated Short circuit capacity (in Ampere)	10000
CONSTRUCTION	Provision of steel sheet enclosure duly pretreated stove enamelled/powder coated for MCBs	Without enclosure

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	*****	*****Bangalore	50	15

### MCB - Miniature Circuit - Breakers For A.C. Operation As Per IS / IEC 60898 (Part 1) ( 50 pieces )

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

### Technical Specifications/तकनीकी विशिष्टियाँ

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	Conformity of the specification	as per IS/IEC 60898 : PART 1:2015 latest
	Product ISI Marked	Yes
RATING	No. of pole (hint: "P" - Pole, "PP" Protected Pole)	1 P
	Rated voltage (in Volts)	230 / 415 V, AC, 240 / 415 V, AC

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Rated Current (in Ampere)	16
	Instantaneous tripping current type	C
	Rated Short circuit capacity (in Ampere)	10000
CONSTRUCTION	Provision of steel sheet enclosure duly pretreated stove enamelled/powder coated for MCBs	Without enclosure

**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	*****	*****Bangalore	50	15

**MCB - Miniature Circuit - Breakers For A.C. Operation As Per IS / IEC 60898 (Part 1) ( 50 pieces )**

**(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)**

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	Conformity of the specification	as per IS/IEC 60898 : PART 1:2015 latest
	Product ISI Marked	Yes
RATING	No. of pole (hint: "P" - Pole, "PP" Protected Pole)	1 P
	Rated voltage (in Volts)	230 / 415 V, AC, 240 / 415 V, AC
	Rated Current (in Ampere)	20
	Instantaneous tripping current type	C

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Rated Short circuit capacity (in Ampere)	10000
CONSTRUCTION	Provision of steel sheet enclosure duly pretreated stove enamelled/powder coated for MCBs	Without enclosure

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	*****	*****Bangalore	50	15

### MCB - Miniature Circuit - Breakers For A.C. Operation As Per IS / IEC 60898 (Part 1) ( 50 pieces )

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

#### Technical Specifications/तकनीकी विशिष्टियाँ

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	Conformity of the specification	as per IS/IEC 60898 : PART 1:2015 latest
	Product ISI Marked	Yes
RATING	No. of pole (hint: "P" - Pole, "PP" Protected Pole)	1 P
	Rated voltage (in Volts)	230 / 415 V, AC, 240 / 415 V, AC
	Rated Current (in Ampere)	32
	Instantaneous tripping current type	C
	Rated Short circuit capacity (in Ampere)	10000



Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
CONSTRUCTION	Provision of steel sheet enclosure duly pretreated stove enamelled/powder coated for MCBs	Without enclosure

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	*****	*****Bangalore	50	15

### MCB - Miniature Circuit - Breakers For A.C. Operation As Per IS / IEC 60898 (Part 1) ( 25 pieces )

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

### Technical Specifications/तकनीकी विशिष्टियाँ

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	Conformity of the specification	as per IS/IEC 60898 : PART 1:2015 latest
	Product ISI Marked	Yes
RATING	No. of pole (hint: "P" - Pole, "PP" Protected Pole)	1 P
	Rated voltage (in Volts)	230 / 415 V, AC, 240 / 415 V, AC
	Rated Current (in Ampere)	40
	Instantaneous tripping current type	C
	Rated Short circuit capacity (in Ampere)	10000
CONSTRUCTION	Provision of steel sheet enclosure duly pretreated stove enamelled/powder coated for MCBs	Without enclosure

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	*****	*****Bangalore	25	15

**MCB - Miniature Circuit - Breakers For A.C. Operation As Per IS / IEC 60898 (Part 1) ( 25 pieces )**

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	Conformity of the specification	as per IS/IEC 60898 : PART 1:2015 latest
	Product ISI Marked	Yes
RATING	No. of pole (hint: "P" - Pole, "PP" Protected Pole)	1 P
	Rated voltage (in Volts)	230 / 415 V, AC, 240 / 415 V, AC
	Rated Current (in Ampere)	6
	Instantaneous tripping current type	C
	Rated Short circuit capacity (in Ampere)	10000
CONSTRUCTION	Provision of steel sheet enclosure duly pretreated stove enamelled/powder coated for MCBs	Without enclosure

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	*****	*****Bangalore	25	15

**MCB - Miniature Circuit - Breakers For A.C. Operation As Per IS / IEC 60898 (Part 1) ( 25 pieces )**

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	Conformity of the specification	as per IS/IEC 60898 : PART 1:2015 latest
	Product ISI Marked	Yes
RATING	No. of pole (hint: "P" - Pole, "PP" Protected Pole)	1 P
	Rated voltage (in Volts)	230 / 415 V, AC, 240 / 415 V, AC
	Rated Current (in Ampere)	63
	Instantaneous tripping current type	C
	Rated Short circuit capacity (in Ampere)	10000
CONSTRUCTION	Provision of steel sheet enclosure duly pretreated stove enamelled/powder coated for MCBs	Without enclosure

**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	*****	*****Bangalore	25	15

**MCB - Miniature Circuit - Breakers For A.C. Operation As Per IS / IEC 60898 (Part 1) ( 10 pieces )**

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	Conformity of the specification	as per IS/IEC 60898 : PART 1:2015 latest
	Product ISI Marked	Yes
RATING	No. of pole (hint: "P" - Pole, "PP" Protected Pole)	2 P with 1 PP
	Rated voltage (in Volts)	230 / 415 V, AC, 240 / 415 V, AC
	Rated Current (in Ampere)	16
	Instantaneous tripping current type	C
	Rated Short circuit capacity (in Ampere)	10000
CONSTRUCTION	Provision of steel sheet enclosure duly pretreated stove enamelled/powder coated for MCBs	Without enclosure

**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	*****	*****Bangalore	10	15

**MCB - Miniature Circuit - Breakers For A.C. Operation As Per IS / IEC 60898 (Part 1) ( 5 pieces )**

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	Conformity of the specification	as per IS/IEC 60898 : PART 1:2015 latest
	Product ISI Marked	Yes
RATING	No. of pole (hint: "P" - Pole, "PP" Protected Pole)	2 P with 1 PP
	Rated voltage (in Volts)	230 / 415 V, AC, 240 / 415 V, AC
	Rated Current (in Ampere)	25
	Instantaneous tripping current type	C
	Rated Short circuit capacity (in Ampere)	10000
CONSTRUCTION	Provision of steel sheet enclosure duly pretreated stove enamelled/powder coated for MCBs	Without enclosure

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	*****	*****Bangalore	5	15

### MCB - Miniature Circuit - Breakers For A.C. Operation As Per IS / IEC 60898 (Part 1) ( 25 pieces )

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

### Technical Specifications/तकनीकी विशिष्टियाँ

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	Conformity of the specification	as per IS/IEC 60898 : PART 1:2015 latest
	Product ISI Marked	Yes

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
RATING	No. of pole (hint: "P" - Pole, "PP" Protected Pole)	2 P with 1 PP
	Rated voltage (in Volts)	230 / 415 V, AC, 240 / 415 V, AC
	Rated Current (in Ampere)	32
	Instantaneous tripping current type	C
	Rated Short circuit capacity (in Ampere)	10000
CONSTRUCTION	Provision of steel sheet enclosure duly pretreated stove enamelled/powder coated for MCBs	Without enclosure

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	*****	*****Bangalore	25	15

### MCB - Miniature Circuit - Breakers For A.C. Operation As Per IS / IEC 60898 (Part 1) ( 25 pieces )

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

### Technical Specifications/तकनीकी विशिष्टियाँ

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	Conformity of the specification	as per IS/IEC 60898 : PART 1:2015 latest
	Product ISI Marked	Yes
RATING	No. of pole (hint: "P" - Pole, "PP" Protected Pole)	2 P with 1 PP
	Rated voltage (in Volts)	230 / 415 V, AC, 240 / 415 V, AC

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Rated Current (in Ampere)	40
	Instantaneous tripping current type	C
	Rated Short circuit capacity (in Ampere)	10000
CONSTRUCTION	Provision of steel sheet enclosure duly pretreated stove enamelled/powder coated for MCBs	Without enclosure

**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	*****	*****Bangalore	25	15

**MCB - Miniature Circuit - Breakers For A.C. Operation As Per IS / IEC 60898 (Part 1) ( 25 pieces )**

**(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)**

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	Conformity of the specification	as per IS/IEC 60898 : PART 1:2015 latest
	Product ISI Marked	Yes
RATING	No. of pole (hint: "P" - Pole, "PP" Protected Pole)	2 P with 1 PP
	Rated voltage (in Volts)	230 / 415 V, AC, 240 / 415 V, AC
	Rated Current (in Ampere)	63
	Instantaneous tripping current type	C

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Rated Short circuit capacity (in Ampere)	10000
CONSTRUCTION	Provision of steel sheet enclosure duly pretreated stove enamelled/powder coated for MCBs	Without enclosure

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	*****	*****Bangalore	25	15

### MCB - Miniature Circuit - Breakers For A.C. Operation As Per IS / IEC 60898 (Part 1) ( 15 pieces )

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

#### Technical Specifications/तकनीकी विशिष्टियाँ

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	Conformity of the specification	as per IS/IEC 60898 : PART 1:2015 latest
	Product ISI Marked	Yes
RATING	No. of pole (hint: "P" - Pole, "PP" Protected Pole)	3 P with 3 PP
	Rated voltage (in Volts)	230 / 415 V, AC, 240 / 415 V, AC
	Rated Current (in Ampere)	32
	Instantaneous tripping current type	C
	Rated Short circuit capacity (in Ampere)	10000



Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
CONSTRUCTION	Provision of steel sheet enclosure duly pretreated stove enamelled/powder coated for MCBs	Without enclosure

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	*****	*****Bangalore	15	15

### MCB - Miniature Circuit - Breakers For A.C. Operation As Per IS / IEC 60898 (Part 1) ( 13 pieces )

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

#### Technical Specifications/तकनीकी विशिष्टियाँ

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	Conformity of the specification	as per IS/IEC 60898 : PART 1:2015 latest
	Product ISI Marked	Yes
RATING	No. of pole (hint: "P" - Pole, "PP" Protected Pole)	4 P with 3 PP
	Rated voltage (in Volts)	230 / 415 V, AC, 240 / 415 V, AC
	Rated Current (in Ampere)	32
	Instantaneous tripping current type	C
	Rated Short circuit capacity (in Ampere)	10000
CONSTRUCTION	Provision of steel sheet enclosure duly pretreated stove enamelled/powder coated for MCBs	Without enclosure

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	*****	*****Bangalore	13	15

**MCB - Miniature Circuit - Breakers For A.C. Operation As Per IS / IEC 60898 (Part 1) ( 13 pieces )**

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	Conformity of the specification	as per IS/IEC 60898 : PART 1:2015 latest
	Product ISI Marked	Yes
RATING	No. of pole (hint: "P" - Pole, "PP" Protected Pole)	4 P with 3 PP
	Rated voltage (in Volts)	415 V, AC, 230 / 415 V, AC, 240 / 415 V, AC
	Rated Current (in Ampere)	40
	Instantaneous tripping current type	C
	Rated Short circuit capacity (in Ampere)	10000
CONSTRUCTION	Provision of steel sheet enclosure duly pretreated stove enamelled/powder coated for MCBs	Without enclosure

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	*****	*****Bangalore	13	15

### LED Batten ( 500 pieces )

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

### Technical Specifications/तकनीकी विशिष्टियाँ

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
GENERIC	LED Batten Rating (in Watts)	12.0
	Length of LED Batten (Nominal) (in mm)	560.0
	Lamp Efficacy (Lumen / Watt), Minimum	100, 110 Or higher
	LED chip Efficacy (Lumen / Watt), Minimum	120, 130
	Colour Temperature (in K)	6500 (Cool white)
	Warranty for free replacement (in Years)	1, 2, 3 Or higher
CONSTRUCTIONAL	Housing Material	Polycarbonate
	Colour Rendering Index (CRI) - Minimum	70, 80 Or higher
	Total Harmonics (%), Maximum	15, 20 Or lower
	Operating Voltage range (in Volts)	100 to 300, 140 to 270

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	*****	*****Bangalore	500	15

### LED Batten ( 125 pieces )

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

### Technical Specifications/तकनीकी विशिष्टियाँ

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
GENERIC	LED Batten Rating (in Watts)	10.0
	Length of LED Batten (Nominal) (in mm)	560.0
	Lamp Efficacy (Lumen / Watt), Minimum	100, 110 Or higher
	Warranty for free replacement (in Years)	2, 3 Or higher
CONSTRUCTIONAL	Housing Material	Polycarbonate

### 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	*****	*****Bangalore	125	15

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

#### 1. Inspection

**Nominated Inspection Agency:** On behalf of the Buyer organization, any one of the following Inspection Agency would be conducting inspection of stores before acceptance:  
Pre-dispatch Inspection at Seller Premises (applicable only if pre-dispatch inspection clause has been

selected in ATC):

NA

Post Receipt Inspection at consignee site before acceptance of stores:  
NOMINATED BOO

## 2. **Generic**

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 50 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity up to 50% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be  $(\text{Increased quantity} \div \text{Original quantity}) \times \text{Original delivery period (in days)}$ , subject to minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.

## 3. **Forms of EMD and PBG**

Bidders can also submit the EMD with Account Payee Demand Draft in favour of

GE CENTRAL BANGALORE  
payable at  
BANGALORE

. Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

## 4. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of

GE CENTRAL BANGALORE  
payable at  
BANGALORE

. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.

## 5. **Scope of Supply**

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

## 6. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

1. BID SPECIFIC OEM AUTHORISATION TO BE SUBMITTED WITH BID.
2. ELSE THE BID WILL BE LIABLE FOR REJECTION.

## **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.

**All GeM Sellers / Service Providers are mandated to ensure compliance with all the applicable laws / acts / rules including but not limited to all Labour Laws such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972 etc. Any non-compliance will be treated as breach of contract and Buyer may take suitable actions as per GeM Contract.**

[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---**