



Bid Number/बोली क्रमांक (बिड संख्या):
GEM/2023/B/4291535
Dated/दिनांक : 21-12-2023

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	01-01-2024 14:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	01-01-2024 14:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	90 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Heavy Industries And Public Enterprises
Department Name/विभाग का नाम	Department Of Heavy Industry
Organisation Name/संगठन का नाम	Bharat Heavy Electricals Limited (bhel)
Office Name/कार्यालय का नाम	10060010-r&d
Total Quantity/कुल मात्रा	525
Item Category/मद केटेगरी	LED Luminaire (Recessed Luminaire) (V2) (Q3) , LED Surface Ceiling Light as per IS 10322 (Q3) , LED Luminaire for High Bay Lighting (Q3) , Led Flood Light (Q3) , LED Luminaire (for Road and Street Lights) as per IS 10322, IS 16107, IS 16108, IS 16103, IS 10322 (Q3)
MSE Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से एमएसई छूट	No
Startup Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से स्टार्टअप छूट	No
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
Type of Bid/बिड का प्रकार	Two Packet Bid
Primary product category	LED Luminaire (Recessed Luminaire) (V2)
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	2 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Evaluation Method/मूल्यांकन पद्धति	Item 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	Yes
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MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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1. 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.

2. 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.

3. 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.

Evaluation Method (Item Wise Evaluation Method)

Contract will be awarded schedulewise and the determination of L1 will be done separately for each schedule. The details of item-consignee combination covered under each schedule are as under:

Evaluation Schedules	Item/Category	Quantity
Schedule 1	Led Luminaire (recessed Luminaire) (v2)	250
Schedule 2	Led Luminaire (recessed Luminaire) (v2)	30
Schedule 3	Led Surface Ceiling Light As Per Is 10322	30
Schedule 4	Led Luminaire For High Bay Lighting	30
Schedule 5	Led Flood Light	30
Schedule 6	Led Flood Light	30
Schedule 7	Led Luminaire (for Road And Street Lights) As Per Is 10322, Is 16107, Is 16108, Is 16103, Is 10322	75
Schedule 8	Led Luminaire (for Road And Street Lights) As Per Is 10322, Is 16107, Is 16108, Is 16103, Is 10322	50

LED Luminaire (Recessed Luminaire) (V2) (250 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

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Standards	Rating of Recess type LED Luminaire/System Wattage/Rated Power	40W
	Color temperature (+/- 500 K)	6000 deg K
	Type of fixture (in feet)	2x2(30W to 48W)
Constructional	Diffuser Material	Poly carbonate (UV Stabilized)
	Number of electronic control gear (power supplies)	1
	Warranty for free replacement	2 Years
Optical Management	LED chip Efficacy (>=130 Lm/Watt for 6000 deg K, >=120 Lm/Watt for 4000 deg K, >=110 Lm/Watt for 3000 deg K)	Yes

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Thermal Management	Operating temperature range	-10 deg. C to +50 deg. C

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	Birendra Prasad	500042, BHEL, Corp.R&D, Vikasnagar, Near BBR Hospital, Hyderabad	250	45

LED Luminaire (Recessed Luminaire) (V2) (30 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

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Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Standards	Rating of Recess type LED Luminaire/System Wattage/Rated Power	20W
	Color temperature (+/- 500 K)	6000 deg K
	Type of fixture (in feet)	Round
Constructional	Diffuser Material	Poly carbonate (UV Stabilized)
	Number of electronic control gear (power supplies)	1
	Warranty for free replacement	2 Years
Optical Management	LED chip Efficacy (>=130 Lm/Watt for 6000 deg K, >=120 Lm/Watt for 4000 deg K, >=110 Lm/Watt for 3000 deg K)	Yes

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Thermal Management	Operating temperature range	-10 deg. C to +50 deg. C

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	Birendra Prasad	500042, BHEL, Corp.R&D, Vikasnagar, Near BBR Hospital, Hyderabad	30	45

LED Surface Ceiling Light As Per IS 10322 (30 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

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Technical parameters	Type of fixture	Circular
	Material	Aluminium
	Color temperature (+/-10%)	6000K, 6500k
	Wattage	20.0 - 36.0 Or higher (Watt)
Constructional	Ingress Protection (IP Rating) as per IS:10322 (Part 1) latest	IP20, IP66
	Warranty for free replacement	2.0 (year)
Electrical Efficiency Management	Frequency	50.0 (Hertz)
	Operating Voltage	230.0 (Volt)
	Driver	Powered by an integral electronic driver (SMPS based constant current Supply)
Optical Management	Light Color	Cool Day Light

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	Birendra Prasad	500042,BHEL, Corp.R&D, Vikasnagar, Near BBR Hospital, Hyderabad	30	45

LED Luminaire For High Bay Lighting (30 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

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	Installation and commissioning	No
	Scope of installation and commissioning	Not applicable
RATINGS	Operating input voltage range (in Volts)	100 to 280
	Luminaire System Wattge (in Watts)	150
	Luminaire System Efficacy - Lumen output - (Lumen/watt)	? 120
	Color Temperature (CCT) +/- 500 K (in Kelvin)	6000 K
	Colour Rendering Index (CRI) (in % age)	? 70
	Power Factor (PF)	? 0.95 at full load
	Ingress Protection (IP) Rating of Luminaire (agreed to furnish test certificates to buyer / consignee on demand)	IP 65, IP 66

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Impact resistance (If claimed "Yes" - agreed to furnish test certificates to buyer / consignee on demand)	Yes. IK07 (as per IEC 62262:2002)
	Minimum operating temperature range (in deg. C)	-10 to 0
	Maximum operating temperature range (in deg. C)	50.0 - 60.0 Or higher
SAFETY	The luminaire shall be protected against surges and transients (Internal)	? 5 KV
	The luminaire shall be protected against surges and transients (External)	? 10 KV
	Flame/Fire proof compliance (If claimed - agreed to furnish test certificates to buyer / consignee on demand)	Fire retardant Class - FV-0 (as per IS:11731 Part-II), No
	Other compliacne (If claimed - agreed to furnish test certificates to buyer / consignee on demand)	EMC (as per IEC:61000-3-2:2014 latest)
CONSTRUCTION	Shape of Luminaire	Round
	Type of mounting	Metallic adjustable Brackets with Eye Bolt
	Installation height range from floor level (in m) - Must declare	15, 12
	Optic Lens	Yes. Polycarbonate-UV stabilised
	Type of Control Gear	Constant Current
	Number of electronic control gear on each luminaire (power supplies) - (in Nos.)	1
	Luminaire fitted with connecting cables for input power	ISI Marked 3 Core cable for input power (Length:250 mm)
	Accessories for each luminaire	Metallic adjustable Brackets (Stainless steel), SS Eye Bolts (as per IS:4190:1984 latest), Set of Bolt,Nut, Washers (SS), Die cast aluminium brackets, Metallic Adjustable Brackets (Stainless Steel) provided along with the fixtures for ceiling mounted high bay light fixtures

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
MARKING	Marking/Identification details on inside of each luminaire and outside of each packing box	Manufacturer's Name, Model Number, Serial Number, Month and year of manufacturing, Voltage, System Wattage
	Marking/Identification details on each control gear	Manufacturer's Name, Model Number
CERTIFICATIONS	Warranty period (in Months)	24, 36, 48, 60 Or higher
	Availability of test reports from Central Govt. Lab/NABL/ILAC accredited laboratory to prove conformity of the specification	Yes
	Agreed to furnish LM 79 , LM 80 reports from Central Government lab/NABL/ILAC accredited lab	Yes as per IS:16106:2012 latest and as per IS:16105:2012 latest
	Agreed to furnish TM 21 report from Central Government lab/NABL/ILAC accredited lab	Yes

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Birendra Prasad	500042,BHEL, Corp.R&D, Vikasnagar, Near BBR Hospital, Hyderabad	30	45

Led Flood Light (30 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

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Constructional	LED Rating (in Watts)/System Wattage/Rated Power	150, 160, 180, 200, 240 Or higher (Watt)
	Mounting Plate size	(430mm x 340mm)+/-10mm
	Length of ISI marked three core wire (shall be provided along with supply of material)	50, 100 Or higher (centimeter)
	Adjustable Mounting Bracket	Yes
Electrical Efficiency	AC Power Factor at full load	>/=0.95
	Input operating Voltage range and frequency	90 to 300 Volts AC at 50 Hz+/-2
	Automatic Higher Cut off voltage above 300 volt	Yes
	Driver Efficiency (in %age)	Upto 100W: >/=85%, Above 100W: >/=90%
Optical	Colour temperature	6000 +/- 500K
Protection	Over Voltage Protection	Yes
	The luminaire shall be protected against surges and transients of >/=10KV (External)	Yes
	Short Circuit Protection	Yes
	Over Load Protection	Yes
	The luminaire shall be protected against surges and transients (Internal)	>/=5KV
Thermal Management	Operating Temperature Range	-20 deg. C to +50 deg. C, -10 deg C to +50 deg C
Marking	Manufacturer's Name, Model Number, Serial Number on the aluminium die cast body Engraved/Embossed	Yes
Standards	Warranty for free replacement (in years)	2
	Ingress Protection (IP Rating) as per IS:10322 (Part 1):1982 latest	IP66
Reports And Certifications	LED Make	OSRAM / NICHIA / CREE / SAMSUNG / SEOUL / LUMILEDS / PHILIPS / SYSKA / LUMENMAX / EVERLIGHT / EDISON / BRIDGELUX / NATIONSTAR / REFOND / NICHIA / CREE / SAMSUNG / SEOUL / LUMILEDS / PHILIPS / SYSKA / LUMENMAX / EVERLIGHT / EDISON / BRIDGE

Additional Specification Parameters - Led Flood Light (30 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
LED Rating (in Watts)/System Wattage/Rated Power	150 Watt

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

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Birendra Prasad	500042, BHEL, Corp.R&D, Vikasnagar, Near BBR Hospital, Hyderabad	30	45

Led Flood Light (30 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

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Constructional	LED Rating (in Watts)/System Wattage/Rated Power	240 Or higher (Watt)
	Mounting Plate size	(430mm x 340mm)+/-10mm, NA
	Length of ISI marked three core wire (shall be provided along with supply of material)	100 Or higher (centimeter)
	Adjustable Mounting Bracket	Yes
Electrical Efficiency	AC Power Factor at full load	>/=0.95
	Input operating Voltage range and frequency	90 to 300 Volts AC at 50 Hz+/-2
	Automatic Higher Cut off voltage above 300 volt	Yes

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Driver Efficiency (in %age)	Upto 100W: >/=85%, Above 100W: >/=90%
Optical	LED Beam Angle (degree)	>/=120, 120
	Colour temperature	6000 +/- 500K
	Colour Rendering Index(CRI)	>/=70
Protection	Over Voltage Protection	Yes
	The luminaire shall be protected against surges and transients of >/=10KV (External)	Yes
	Short Circuit Protection	Yes
	Over Load Protection	Yes
	The luminaire shall be protected against surges and transients (Internal)	>/=5KV
Thermal Management	Operating Temperature Range	-10 deg C to +50 deg C, -10 deg C to +55 deg C
Standards	Warranty for free replacement (in years)	2
	Ingress Protection (IP Rating) as per IS:10322 (Part 1):1982 latest	IP66
Reports And Certifications	LED Make	OSRAM / NICHIA / CREE / SAMSUNG / SEOUL / LUMILEDS / PHILIPS / SYSKA / LUMENMAX / EVERLIGHT / EDISON / BRIDGELUX / NATIONSTAR / REFOND / NICHIA / CREE / SAMSUNG / SEOUL / LUMILEDS / PHILIPS / SYSKA / LUMENMAX / EVERLIGHT / EDISON / BRIDGE

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	Birendra Prasad	500042,BHEL, Corp.R&D, Vikasnagar, Near BBR Hospital, Hyderabad	30	45

LED Luminaire (for Road And Street Lights) As Per IS 10322, IS 16107, IS 16108, IS 16103, IS 10322 (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

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	LED Rating (in Watts)/System Wattage/Rated Power	150W
	Luminaire System Efficacy (Lumen/watt)	>/= 100 Lm/Watt
	Ingress Protection (IP Rating) as per IS:10322 (Part 1):1982 latest	IP66
	Warranty for free replacement (in years)	2
ELECTRICAL EFFICIENCY	Input operating Voltage range and frequency	90 to 300 Volts AC at 50 Hz+/-2
	Rated voltage	230 V AC 50 Hz
OPTICAL	Colour temperature	6000+/-500K
THERMAL MANAGEMENT	Operating temperature range	-10 deg C to +55 deg C
PROTECTION	The luminaire shall be protected against surges and transients (Internal)	>/=5KV
	The luminaire shall be protected against surges and transients of >/=10KV (External)	Yes
CONSTRUCTIONAL	Toughned Glass shall not get discoloured shall not suffer degradation due to heat and ageing within warranty period	Yes
	Number of electronic control gear (power supplies)	1 No.
	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 / LUMILEDS / PHILIPS / SYSKA / LUMENMAX / EVERLIGHT / EDISON / BRIDGELUX / NATIONSTAR / REFOND

Additional Specification Parameters - LED Luminaire (for Road And Street Lights) As Per IS 10322, IS 16107, IS 16108, IS 16103, IS 10322 (75 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Beam Spread Angle of light	150 degrees or higher

* 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	Birendra Prasad	500042, BHEL, Corp.R&D, Vikasnagar, Near BBR Hospital, Hyderabad	75	45

LED Luminaire (for Road And Street Lights) As Per IS 10322, IS 16107, IS 16108, IS 16103, IS 10322 (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

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	LED Rating (in Watts)/System Wattage/Rated Power	70W
	Luminaire System Efficacy (Lumen/watt)	>/= 100 Lm/Watt
	Ingress Protection (IP Rating) as per IS:10322 (Part 1):1982 latest	IP66
	Warranty for free replacement (in years)	2
ELECTRICAL EFFICIENCY	Input operating Voltage range and frequency	90 to 300 Volts AC at 50 Hz+/-2
	Rated voltage	230 V AC 50 Hz

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
OPTICAL	Colour temperature	6000+/-500K
THERMAL MANAGEMENT	Operating temperature range	-10 deg C to +55 deg C
PROTECTION	The luminaire shall be protected against surges and transients (Internal)	>/=5KV
	The luminaire shall be protected against surges and transients of >/=10KV (External)	Yes
CONSTRUCTIONAL	Toughned Glass shall not get discoloured shall not suffer degraation due to heat and ageing within warranty period	Yes
	Number of electronic control gear (power supplies)	1 No.
	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 / LUMILEDS / PHILIPS / SYSKA / LUMENMAX / EVERLIGHT / EDISON / BRIDGELUX / NATIONSTAR / REFOND

Additional Specification Parameters - LED Luminaire (for Road And Street Lights) As Per IS 10322, IS 16107, IS 16108, IS 16103, IS 10322 (50 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Beam Spread Angle of light	150 degrees or higher

* 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

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Birendra Prasad	500042,BHEL, Corp.R&D, Vikasnagar, Near BBR Hospital, Hyderabad	50	45

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

1. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

1a) Pre-Qualifying Criteria: Supplier should have supplied LED Light Fittings in the last 5 years from the date of enquiry. As a proof of this supplier shall be required to submit copy of at least one purchase order for the same.

1b) Relaxation of Norms for Startups: The condition of Prior Turnover and prior experience is relaxed for all startups whether Micro & Small Enterprises(MSEs) or otherwise subject to meeting of quality and technical specifications in accordance with the relevant provision of GFR,2005 and other DOE-PPD notifications for relaxation norms for start-ups issued from time to time.

2) Payment term: 100% payment shall be made within the stipulated days as mentioned below from the date of receipt and acceptance of materials at BHEL Corporate R&D Vikasnagar, Hyderabad

Type of bidder:

- A. For Micro & Small enterprises(MSEs) payment will be made within 45 days
- B. For Medium Enterprises will be made within 60 days
- C. Non MSMEs will be made within 90 days

However, GST Portion of Invoice shall be released only upon:

- i) vendor declaring the Invoice in their GSTR-1.
- ii) Receipt of Goods and Tax Invoice by BHEL.
- iii) Confirmation of Payment of GST thereon by vendor on GSTN.

3) Vendor has to submit this GeM bid document duly signed and stamped on all pages. By submitting signed GeM bid document it affirms that vendor has accepted to all the terms and conditions mentioned in this bid such as Specifications, Payment terms, delivery period etc.

4) Vendor has to quote price(s) inclusive of GST and transportation charges, if any.

5) Breach of contract, Remedies and Termination: In case of breach of contract, wherever the value of security instruments like performance bank guarantee available with BHEL against the said contract is at least 10% of the contract value, the same to be encashed. In case the value of the security instruments available is less than 10% of the contract value, the balance amount to be recovered from other financial remedies (i.e. available bills of the contractor, retention amount, etc. with BHEL) or legal remedies to be pursued.

Further, levy of liquidated damages, debarment, termination, de-scoping, short-closure, etc., shall be applied as per provisions of the contract.

6) Restrictions under rule 144 (xi) of the GFR: Submit the Annexure – A which is attached in ATC document.

2. 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. Any clause(s) incorporated by the Buyer regarding following shall be treated as null and void and would not be considered as part of bid:-

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.
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 कार्रवाई का आधार होगा।

---Thank You/धन्यवाद---