

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	22-02-2025 12:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	22-02-2025 12:30:00
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
क्रेता ईमेल/Buyer Email	buycon1339.bhelb.ts@gembuyer.in
Total Quantity/कुल मात्रा	1100
Item Category/मद केटेगरी	LED Luminaire for Road and Street Lights (V2) Conforming to IS 10322 (Part 5 / Section 3) (Q3) , LED Luminaire for High Bay Lighting (Q3) , LED Batten (Q2)
MSE Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से एमएसई छूट	No
Startup Exemption for Years Of Experience/अनुभव के वर्षों से स्टार्टअप छूट/ and Turnover/ टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है	Yes
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Certificate (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Do you want to show documents uploaded by bidders to all bidders participated in bid?/	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 for Road and Street Lights (V2) Conforming to IS 10322 (Part 5 / Section 3)

Bid Details/बिड विवरण	
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	Total value wise evaluation
Arbitration Clause	No
Mediation Clause	No

EMD Detail/ईएमडी विवरण

Required/आवश्यकता	No
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ePBG Detail/ईपीबीजी विवरण

Required/आवश्यकता	No
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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 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.

2. 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.

3. 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.

4. Short Duration Bid has been published by the Buyer with the approval of the Competent authority due to Emergency procurement of critical products/services.

LED Luminaire For Road And Street Lights (V2) Conforming To IS 10322 (Part 5 / Section 3) (40 pieces)

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

Bis Required	Yes
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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	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
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)	1, 2 Or higher

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
LUMINAIRE	Provision of luminaire connecting wire along with the supply of material	50 cm (ISI marked to IS 9968), 100 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

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	Ambati Sandeep	500042, BHEL, Corp.R&D, Vikasnagar, Near BBR Hospital, Hyderabad	40	30

LED Luminaire For Road And Street Lights (V2) Conforming To IS 10322 (Part 5 / Section 3) (40 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)

Bis Required	Yes
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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	150

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	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	90 to 300 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	50 cm (ISI marked to IS 9968), 100 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

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	Ambati Sandeep	500042,BHEL, Corp.R&D, Vikasnagar, Near BBR Hospital, Hyderabad	40	30

LED Luminaire For High Bay Lighting (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	Installation and commissioning	No
	Scope of installation and commissioning	Not applicable
RATINGS	Operating input voltage range (in Volts)	100 to 280, 140 to 270
	Luminaire System Wattage (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
	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)
	Other compliacne (If claimed - agreed to furnish test certificates to buyer / consignee on demand)	EMC (as per IEC:61000-3-2:2014 latest)

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
CONSTRUCTION	Shape of Luminaire	Round
	Type of mounting	Metallic adjustable Brackets with Eye Bolt
	Installation height range from floor level (in m) - Must declare	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)
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/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Ambati Sandeep	500042,BHEL, Corp.R&D, Vikasnagar, Near BBR Hospital, Hyderabad	20	30

LED Batten (1000 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)	24.0
	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
	Warranty for free replacement (in Years)	2, 3 Or higher
CONSTRUCTIONAL	Housing Material	Aluminium

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	Ambati Sandeep	500042,BHEL, Corp.R&D, Vikasnagar, Near BBR Hospital, Hyderabad	1000	30

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 (PQC): Bidder to submit at least one Purchase Order copy for LED Light Fittings which should be within last 5 years from the date of enquiry.

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 be encashed. In case the value of the security instruments available is less than 10% of the contract value, the balance amount be recovered from other financial remedies (i.e. available bills of the contractor, retention amount, etc. with BHEL) or legal remedies 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.

7) Terms of Delivery: FOR BHEL R&D, Hyderabad.

8) Following documents to be submitted by Bidders along with offer:

a. PAN Number

b. GSTIN Registration Status

c. Bank details

d. Latest MSME certificate

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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. 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---

