

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	04-06-2024 16:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	04-06-2024 16:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	90 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Pmo
Department Name/विभाग का नाम	Department Of Atomic Energy
Organisation Name/संगठन का नाम	Bharatiya Nabhikiya Vidyut Nigam Limited
Office Name/कार्यालय का नाम	Pfbr Kalpakkam
Total Quantity/कुल मात्रा	525
Item Category/मद केटेगरी	LED Luminaire (for Road and Street Lights) as per IS 10322, IS 16107, IS 16108, IS 16103, IS 10322 (Q3) , LED Surface Ceiling Light as per IS 10322 (Q3) , Self Ballasted LED Lamps for General Lighting Service as per IS 16102 (Q2)
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
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Additional Doc 1 (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	Yes
RA Qualification Rule	H1-Highest Priced Bid Elimination
Type of Bid/बिड का प्रकार	Two Packet Bid
Primary product category	LED Luminaire (for Road and Street Lights) as per IS 10322, IS 16107, IS 16108, IS 16103, IS 10322
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	3 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No

Bid Details/बिड विवरण**Evaluation Method/मूल्यांकन पद्धति**

Item wise evaluation/

EMD Detail/ईएमडी विवरण

Required/आवश्यकता

No

ePBG Detail/ईपीबीजी विवरण

Required/आवश्यकता

No

Splitting/विभाजन

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

MII Purchase Preference/एमआईआई खरीद वरीयता

MII Purchase Preference/एमआईआई खरीद वरीयता

No

MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता

Yes

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

[OM_No.1_4_2021_PPD_dated_18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

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

3. 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

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 (for Road And Street Lights) As Per Is 10322, Is 16107, Is 16108, Is 16103, Is 10322	25
Schedule 2	Led Luminaire (for Road And Street Lights) As Per Is 10322, Is 16107, Is 16108, Is 16103, Is 10322	50
Schedule 3	Led Surface Ceiling Light As Per Is 10322	300
Schedule 4	Self Ballasted Led Lamps For General Lighting Service As Per Is 16102	150

LED Luminaire (for Road And Street Lights) As Per IS 10322, IS 16107, IS 16108, IS 16103, IS 10322 (25 pieces)

Technical Specifications/तकनीकी विशिष्टियाँ

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
STANDARDS	LED Rating (in Watts)/System Wattage/Rated Power	90W
	Luminaire System Efficacy (Lumen/watt)	>/= 100 Lm/Watt
	Ingress Protection (IP Rating) as per IS:10322 (Part 1):1982 latest	IP65
	Warranty for free replacement (in years)	5
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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
PROTECTION	The luminaire shall be protected against surges and transients (Internal)	>/=4KV, 4KV
	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)	2 Nos.
	Length of ISI marked three core wire (shall be provided along with supply of material)	100 cm
Reports And Certifications	LED Make	OSRAM / NICHIA / CREE / SAMSUNG / SEOUL / LUMILEDS / PHILIPS / SYSKA / LUMENMAX / EVERLIGHT / EDISON / BRIDGELUX / NATIONSTAR / REFOND

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	Viswanathan K	603102,BHAVINI PFBR PLANT SITE KALPAKKAM	25	90

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

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
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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	60W
	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)	5
ELECTRICAL EFFICIENCY	Input operating Voltage range and frequency	140 to 270 V olts AC at 50 Hz+/-2 with auto cutt off at below 120V
	Rated voltage	230 V AC 50 Hz
OPTICAL	Colour temperature	6000+/-500K
THERMAL MANAGEMENT	Operating temperature range	-10 deg C to +50 deg C
PROTECTION	The luminaire shall be protected against surges and transients (Internal)	>=4KV, 4KV
	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
Reports And Certifications	LED Make	OSRAM / NICHIA / CREE / SAMSUNG / SEOUL / LUMILEDS / PHILIPS / SYSKA / LUMENMAX / EVERLIGHT / EDISON / BRIDGELUX / NATIONSTAR / REFOND

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	Viswanathan K	603102,BHAVINI PFBR PLANT SITE KALPAKKAM	50	90

LED Surface Ceiling Light As Per IS 10322 (300 pieces)

Technical Specifications/तकनीकी विशिष्टियाँ

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Technical parameters	Type of fixture	Circular
	Material	Aluminium
	Color temperature (+/-10%)	6000K
	Wattage	17.9 - 36.0 Or higher (Watt)
Constructional	Ingress Protection (IP Rating) as per IS:10322 (Part 1) latest	IP20
	Warranty for free replacement	1.0 (year)
Electrical Efficiency Management	Frequency	50.0 (Hertz)
	Operating Voltage	90.0 (Volt)
	Driver	Powered by an integral electronic driver (SMPS based constant current Supply)
Optical Management	Light Color	Cool Day Light
Marking	Manufactures Name & brand shall available on the body of the Luminaire	Engraved

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
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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Viswanathan K	603102,BHAVINI PFBR PLANT SITE KALPAKKAM	300	90

Self Ballasted LED Lamps For General Lighting Service As Per IS 16102 (150 pieces)

Technical Specifications/तकनीकी विशिष्टियाँ

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
RATING	Rated wattage of LED lamp (in Watts)	9
	Rated luminous efficacy (lm/W)	? 79 and < 90
	Colour Temperature, CCT (in K)	6500
	Type of LED Lamp Cap	B 22 d, E 27
	Rated Input voltage (in Volts)	220, 240
	Operating voltage range	140 Volt to 270 Volt
STANDARDS	Star Rating of LED Lamp	1 Star
PERFORMANCE	Lumen maintenace after 6000 hours (at 25% of rated life of LED) (in % age)	? 80, ? 70
	Surge voltage withstand , Minimum (in Kv)	2.5
	Power Factor (PF), Minimum	0.9 (for lamp rated wattange 5 W and above)
CERTIFICATION	Warranty for free replacement (in Months)	24

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	Viswanathan K	603102,BHAVINI PFBR PLANT SITE KALPAKKAM	150	90

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

1. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

2. Scope of Supply

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

3. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

10004307

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TENDER DETAILS :

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S N O.	DESCRIPTION	QTY	UNI T
1	Supply of 90Watts LED street light fittings with suitable for 50 to 60 mm max. O.D. Mounting pipe, Ingress Protection 66, LED chip Efficacy =130 Lm/Watt, 5 Warranty for free replacement, Rated voltage of 240v, Frequency of 50Hz, street light luminaires comprises of die cast aluminium housing powder coated and toughened glass with 4KV inbuilt surge protection and all other accessories. Note: Technical data sheet should be enclosed along with the each fitting.	25.00	NO S

2	Supply of 60Watts LED street light fittings with suitable for 50 to 60 mm max. O.D. Mounting pipe, Ingress Protection 66, LED chip Efficacy =130 Lm/Watt, 5 Warranty for free replacement, Rated voltage of 240v, Frequency of 50Hz, street light luminaires comprises of die cast aluminium housing powder coated and toughened glass with 4KV inbuilt surge protection and all other accessories. Note: Technical data sheet should be enclosed along with the each fitting.	50.00	NO S
3	Supply of 18Watts Circular LED surface ceiling Light.	300.00	NO S
4	Supply of 9Watts Self Ballasted LED Lamp.	150.00	NO S

Special Note :

Total Delivery period is 90 Days

For all future correspondence (if any), GeM Bid no. & Our ref. no. 1000 4307 should be mentioned.

Disclaimer/अस्वीकरण

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.

10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

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

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

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws./जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्यवाई का आधार होगा।

---Thank You/धन्यवाद---