

### Bid Document/ बिड दस्तावेज़

| Bid Details/बिड विवरण  |  |
|--|--|
| Bid End Date/Time/बिड बंद होने की तारीख/समय  | 11-03-2025 11:00:00  |
| Bid Opening Date/Time/बिड खुलने की तारीख/समय   | 11-03-2025 11:30:00  |
| Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)  | 180 (Days)   |
| Ministry/State Name/मंत्रालय/राज्य का नाम  | Ministry Of Power  |
| Department Name/विभाग का नाम   | Power Grid Corporation Of India Limited  |
| Organisation Name/संगठन का नाम   | Power Grid Corporation Of India Limited  |
| Office Name/कार्यालय का नाम  | Corporate Office Gurgaon   |
| क्रेता ईमेल/Buyer Email  | buyer40.pgcl.up@gembuyer.in  |
| Total Quantity/कुल मात्रा  | 957  |
| Item Category/मद केटेगरी   | LED Luminaire (for Flood Light) as per IS 10322, IS 16107 (Q3)   |
| MSE Exemption for Turnover/टर्नओवर के लिए एमएसई को छूट प्राप्त है  | Yes  |
| Startup Exemption for Turnover/ टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है   | Yes  |
| Document required from seller/विक्रेता से मांगे गए दस्तावेज़   | Experience Criteria,Bidder Turnover,Certificate (Requested in ATC)<br>*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  | Single Packet Bid  |
| Primary product category   | LED Luminaire (for Flood Light) as per IS 10322, IS 16107  |
| Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय | 3 Days   |

| Bid Details/बिड विवरण   |                             |
|---|-----------------------------|
| Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM) | No                          |
| Estimated Bid Value/अनुमानित बिड मूल्य  | 7067200.12                  |
| Evaluation Method/मूल्यांकन पद्धति  | Total value wise evaluation |
| Arbitration Clause  | No                          |
| Mediation Clause  | No                          |

#### EMD Detail/ईएमडी विवरण

|                             |                     |
|-----------------------------|---------------------|
| Advisory Bank/एडवाइजरी बैंक | State Bank of India |
| EMD Amount/ईएमडी राशि       | 141000              |

#### ePBG Detail/ईपीबीजी विवरण

|  |                     |
|--|---------------------|
| Advisory Bank/एडवाइजरी बैंक  | State Bank of India |
| ePBG Percentage(%) / ईपीबीजी प्रतिशत (%)                               | 5.00                |
| Duration of ePBG required (Months) / ईपीबीजी की अपेक्षित अवधि (महीने). | 66                  |

(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 केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज प्रस्तुत करने हैं। एमएसई केटेगरी 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 :

NR-3

Plot No. – 2A/INS 02, Awadh Vihar Yojna, Amar Shaheed Path, Lucknow- 226002  
(Power Grid Corporation Of India Ltd.)

#### Reserved for Make In India products

|                                     |     |
|-------------------------------------|-----|
| Reserved for Make In India products | Yes |
|-------------------------------------|-----|

#### MSE Purchase Preference/एमएसई खरीद वरीयता

|   |     |
|---|-----|
| MSE Purchase Preference/एमएसई खरीद वरीयता | Yes |
|---|-----|

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. Bid reserved for Make In India products: : Procurement under this bid is reserved for purchase from 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. However, eligible micro and small enterprises will be allowed to participate. The minimum local content to qualify as a class 1 local supplier is denoted in the bid document. All bidders 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 the bid is liable to be rejected. 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 . In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
4. 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.
5. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

## **LED Luminaire (for Flood Light) As Per IS 10322, IS 16107 ( 637 pieces )**

**(Minimum 60% Local Content required for qualifying as Class 1 Local Supplier)**

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

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

| <b>Specification</b> | <b>Specification Name/विशिष्टि का नाम</b>    | <b>Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य</b> |
|----------------------|--|---|
| STANDARDS            | <b>LED Rating/System Wattage/Rated Power</b> | 250W  |

| Specification              | Specification Name/विशिष्टि का नाम  | Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य  |
|----------------------------|---|---|
|                            | 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 V olts AC at 50 Hz+/-2 Hz, 140 to 270 V olts AC at 50 Hz+/-2 Hz with auto cutt off at below 120V  |
|                            | Rated voltage   | 230 V AC 50 Hz  |
|                            | Total Harmonics Distortion (in %age)  | ? 10  |
| OPTICAL                    | Colour temperature (+/- 500K)   | 6000K   |
|                            | Working life for LED (Minimum 50,000 burning hours as per LM-80 report)                                   | Yes   |
|                            | Colour Rendering Index(CRI)   | ?70   |
| THERMAL MANAGEMENT         | Heat sink should be die-cast aluminium along with sufficient heat sink fins to dissipate heat effectively | Yes   |
|                            | Junction temperature  | < 85 degC   |
|                            | Operating temperature range   | -20 deg C to +50 deg C, -10 deg C to +50 deg C  |
| 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             | Number of electronic control gear (power supplies)  | 4 Nos.  |
|                            | 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 / LUMILED / PHILIPS / EDISON / SYSKA / LUMENMAX / EVERLIGHT / BRIDGELUX / NATIONSTAR / REFOND, Other than OSRAM / NICHIA/CREE / SAMSUNG / SEOUL / LUMILED / PHILIPS / EDISON / SYSKA / LUMENMAX / EVERLIGHT / BRIDGELUX / NATIONSTAR / REFOND |

**Additional Specification Parameters - LED Luminaire (for Flood Light) As Per IS 10322, IS 16107 ( 637 pieces )**

| Specification Parameter Name                | Bid Requirement (Allowed Values)                                      |
|---|---|
| Input operating Voltage range and frequency | 140 to 270 V olts AC at 50 Hz+/-2 Hz with auto cutt off at below 120V |

\* 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              | Lav Kumar Pandey  | 283126,POWER GRID CORPORATION OF INDIA LIMITED, ±800kV HVDC Multi-Terminal Station and 765/400/220kV HVAC Station, POWERGRID, Shamashabad Road, Agra (UP)- 283128                       | 250             | 120                          |
| 2              | Aakash Rustagi  | 202141,POWER GRID CORPORATION OF INDIA LTD, 765/400 kV GIS Sub Station, Village: Keelpur, Tahsil – Khair, Dist.- Aligarh, Uttar Pradesh 202141  | 100             | 120                          |
| 3              | Nitin Chauhan   | 209305,Power Grid Corporation of India Limited, Northern Region Transmission System-III, 400/220 kV Substation , Chakarpur, Kanpur, Pin - 209305 (UP)                                   | 100             | 120                          |
| 4              | Chapara Sreedhar  | 205262,Power Grid Corporation of India Limited, Northern Region Transmission System-III, 400/220kV Mainpuri S/S,12th KM Mile Stone,Mainpuri-Bhogaon Road, Bhogaon, Mainpuri-205262(U.P) | 77              | 120                          |
| 5              | Gaurav Gupta  | 262501,Power Grid Corporation of India Limited Northern Region-III, 220/132 KV Pithoragarh Substation,Vill.- Mostamanu,P.O- Chandak,Distt.- Pithoragarh,Uttarakhand.- 262501            | 30              | 120                          |

| S.No./क्र. सं. | Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी | Address/पता   | Quantity/मात्रा | Delivery Days/डिलीवरी के दिन |
|----------------|---|---|-----------------|------------------------------|
| 6              | Pushpendra Kumar Yadav                                  | 242306,Power Grid Corporation of India Limited Northern Region-III, Shahjahanpur 400/220 KV Substation,Village - Jamuka,Post-Rosa,NH-24,Sitapur Road ,Near Radhe-Radhemill,Shahjahanpur-(U.P)-242306. | 40              | 120                          |
| 7              | Akash Pratap Singh                                      | 224188,POWERGRID CORPORATION OF INDIA LIMITED, 400/220kV Sohawal Substation, Village-Mujaffarpur, Post-Akhtiyarpur, Near Lohiya Pul (Bhelsar), Faizabad, Uttar Pradesh-224116                         | 40              | 120                          |

### LED Luminaire (for Flood Light) As Per IS 10322, IS 16107 ( 320 pieces )

(Minimum 60% Local Content required for qualifying as Class 1 Local Supplier)

#### 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             | LED Rating/System Wattage/Rated Power                                   | 150W   |
|                       | 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 V olts AC at 50 Hz+/-2 Hz, 140 to 270 V olts AC at 50 Hz+/-2 Hz with auto cutt off at below 120V |
|                       | Rated voltage   | 230 V AC 50 Hz   |
|                       | Total Harmonics Distortion (in %age)                                    | ? 10   |
| OPTICAL               | Colour temperature (+/- 500K)   | 6000K, 3000K, 6500K, 5000K, 5500K  |
|                       | Working life for LED (Minimum 50,000 burning hours as per LM-80 report) | Yes  |
|                       | Colour Rendering Index(CRI)   | ?70  |

| Specification              | Specification Name/विशिष्टि का नाम  | Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य  |
|----------------------------|---|---|
| THERMAL MANAGEMENT         | Heat sink should be die-cast aluminium along with sufficient heat sink fins to dissipate heat effectively | Yes   |
|                            | Junction temperature  | < 85 degC   |
|                            | Operating temperature range   | -10 deg C to +50 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             | Number of electronic control gear (power supplies)  | 2 Nos.  |
|                            | Length of ISI marked three core wire (shall be provided along with supply of material)                    | 50 cm   |
| REPORTS AND CERTIFICATIONS | LED Make  | OSRAM / NICHIA/CREE / SAMSUNG / SEOUL / LUMILED / PHILIPS / EDISON / SYSKA / LUMENMAX / EVERLIGHT / BRIDGELUX / NATIONSTAR / REFOND, Other than OSRAM / NICHIA/CREE / SAMSUNG / SEOUL / LUMILED / PHILIPS / EDISON / SYSKA / LUMENMAX / EVERLIGHT / BRIDGELUX / NATIONSTAR / REFOND |

**Additional Specification Parameters - LED Luminaire (for Flood Light) As Per IS 10322, IS 16107 ( 320 pieces )**

| Specification Parameter Name                | Bid Requirement (Allowed Values)                                      |
|---|---|
| Input operating Voltage range and frequency | 140 to 270 V olts AC at 50 Hz+/-2 Hz with auto cutt off at below 120V |

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

**Consignees/Reporting Officer/प्रेषिती/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              | Lav Kumar Pandey  | 283126,POWER GRID CORPORATION OF INDIA LIMITED, ±800kV HVDC Multi-Terminal Station and 765/400/220kV HVAC Station, POWERGRID, Shamashabad Road, Agra (UP)- 283128 | 200             | 120                          |
| 2              | Aakash Rustagi  | 202141,POWER GRID CORPORATION OF INDIA LTD, 765/400 kV GIS Sub Station, Village: Keelpur, Tahsil – Khair, Dist.- Aligarh, Uttar Pradesh 202141                    | 120             | 120                          |

#### Buyer added Bid Specific Additional Scope of Work

| S.No.क्र.सं. | Document Title             | Description          | Applicable/रिवर्स प्रभार के अनुसार जीएसटी i.r.o. Items            |
|--------------|----------------------------|----------------------|---|
| 1            | TS<br><a href="#">View</a> | TS and Scope of Work | LED Luminaire (for Flood Light)<br>As Per IS 10322, IS 16107(320) |

The uploaded document only contains Buyer specific Additional Scope of Work and / or Drawings for the bid items added with due approval of Buyer's competent authority. Buyer has certified that these additional scope and drawings are generalized and would not lead to any restrictive bidding.

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

##### 1. 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---**