

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	02-12-2024 11:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	02-12-2024 11:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	120 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Power
Department Name/विभाग का नाम	North Eastern Electric Power Corporation Limited
Organisation Name/संगठन का नाम	North Eastern Electric Power Corporation Limited
Office Name/कार्यालय का नाम	Kameng Hydro Power Station
Total Quantity/कुल मात्रा	1
Item Category/मद केटेगरी	High Mast Lighting Tower for large area with LED Flood Lighting System (Q3)
Years of Past Experience Required for same/similar service/उन्हीं/समान सेवाओं के लिए अपेक्षित विगत अनुभव के वर्ष	3 Year (s)
MSE Exemption for Years of Experience 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	Experience Criteria,Past Performance,Certificate (Requested in ATC),OEM Authorization Certificate,Compliance of BoQ specification and supporting document *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?/	Yes
Past Performance/विगत प्रदर्शन	80 %
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

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	No
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MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

2. 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.

3. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 80% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

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.

5. 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:

- i. If number of technically qualified bidders are only 2 or 3.
- ii. If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.
- iii. In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.
- iv. 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
- v. 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

Excel Upload Required/एक्सेल में अपलोड किए जाने की आवश्यकता :

Price Schedule - [1732252528.xlsx](#)

High Mast Lighting Tower For Large Area With LED Flood Lighting System (1 pieces)

Technical Specifications/तकनीकी विशिष्टियाँ

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
GENERIC	Height of High Mast Tower (in Meters)	20
	Installation and commissioning (Installation and commissioning work at multiple locations shall follow as per the guidelines of State/Central Govt rules and regulations as applicable)	Yes. Including Civil work at site
	Onsite warranty (in Years)	2
High mast System	No of sections	2
	Effective length of each section (in m)	10
	Material construction: The mast shall be manufactured using special steel plates, conforming to	355 grade as per BSEN10 025

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Bottom diameter (in mm) - Minimum	540
	Plate thickness for Middle (in mm) - Minimum	4
	Plate thickness for Bottom (in mm) - Minimum	6, 5
	No of longitudinal welds / section (in Nos)	1
	Diameter of base plate (in mm) - Minimum	740
	Thickness of base plate (in mm) - Minimum	25
Wind Load	Maximum Wind load	50 m/sec
Door Opening	Size of opening and closing door at base compartment of high mast (in mm) - Minimum	1200 x 250, 1200 x 300
Junction Box	Ingress protection for Junction Box i.e. IP Class (as per IS/IEC:60529:2001 latest) Test Report from Central Government lab/NABL/ILAC accredited lab and report shall furnish to buyer on demand	IP 55
	No of core	3, 4, 5
	Cable category	FR
	Size of cable (in Sq mm)	1.5, 2.5, 4
	Conductor material shall be	Copper
Winch	The winch shall have provision for manual operation in case of failure of the motor	Yes
Stainless Steel Wire Rope	The breaking load of each rope shall be at full load as per the relevant standard	>=2400 Kg
Electrical System, Cable and Cable Connections	No. of cores	3
	Cable shall be	Armoured
	Conductor material shall be	Copper
	Cable Category	1, C1, C2
	Incoming power cable from feeder panel to base compartment of mast and cable shall conforming to	IS:7098 (Part 1):1988 latest

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Feeder pillar Panel	Feeder pillar panel for each mast	Yes
	Feeder panel shall be suitable for	415 V, 3 phase, 4 wire, 50 Hz, AC
	The control panels shall be	Stand mounted
	Ingress protection for feeder pillar panel i.e IP Class (as per IS/IEC:60529:2001 latest).Test Report shall furnish from Central Government lab/NABL/ILAC accredited lab to buyer on demand	IP 55
	It shall be fabricated out of	14 SWG CRCA sheet steel
	Thickness of sheet (in mm)	2
	The panels shall be given pre-treatment and powder coated and color shall be	Grey
	The stand shall be painted in	Black color
	Cable entry shall be at the	Bottom
	The panels shall have	knock outs of the required cable
	Laminated circuit diagram shall be pasted	inside of the door
	Feeder pillar shall have pad locking arrangement	Yes
	Earth terminal	12 mm dia. Bolts
	Panel shall have a sloping cover to avoid accumulation of dust	Yes
	Panel shall be provided with incoming & outgoing MCCB / MCB of appropriate rating and in desired quantity depending on total no of circuits in use	yes
	Timer for automatic ON & OFF of lights with pilot lamps shall be provided	Yes
	Bus bars material	Yes. Copper
	No of Cores	3, 4
	Size of cable (in Sq.mm)	2.5
	Cable Shall be	Armoured, Unarmoured

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	The conductor material shall be	Copper
	cable category	1, C1, C2, No without feeder pillar panel
LED FLOOD LIGHT LUMINAIRE	No. of Luminaires for each high mast lighting tower (in Nos)	8
	LED Rating/System Wattage/Rated Power for each luminaire	250W
	Luminaire System Efficacy (Lumen/watt)	>= 100 Lm/Watt
	Ingress Protection (IP Rating) as per IS:10322 (Part 1):1982 latest	IP66
	Mounting brackets (included)	Adjustable
	Input operating Voltage range and frequency	90 to 300 Volts AC at 50Hz+/-2Hz
	Rated voltage	230 V AC 50 Hz
	Colour temperature	6000K (+/- 500K)
	Optic lense material (UV stabilised) (Write NA for without optic lense supply)	Poly carbonate lense
	Operating temperature range	-10 deg C to +50 deg C
	The luminaire shall be protected against surges and transients(Internal)	>=5KV
	Number of electronic control gear per luminaire (power supplies)	4 Nos.
	Length of ISI marked three core wire (shall be provided along with supply of material)	50 cm

Additional Specification Parameters - High Mast Lighting Tower For Large Area With LED Flood Lighting System (1 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Specifications parameters	Technical specifications, BOQ and terms and conditions as furnished in buyer uploaded additional ATC shall prevail over GeM.

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

Installation Commissioning and Testing (ICT) details for the above item:

% of Product Cost Payable on Product Delivery	80%
Min Cost Allocation for ICT as a % of product cost	20%
Number of days allowed for ICT after site readiness communication to seller	15 Days/दिन

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	Jayanta Gayan	790114,Kameng Hydro Power Station Kimi, West Kameng	1	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. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

BOQ & Specifications

Sl no	Item Description	Unit	Qty
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1	Design, Manufacture, Supplying, testing and commissioning of 20M High Mast system with its accessories such as foundation bolts manufactured from special steel along with nuts, washer, anchor plates and templates, non-integral LED flood light luminaries with provision for 8 nos. 300 Watt LED Flood Light and control gearbox provision for twin dome LED aviation obstruction lights(AOL), Control feeder panel housing 63 A TPN MCB incomer, ATS automatic timer switch based on TOD event and geographical data with contactor circuit for the automatic control of luminaries, outgoing terminals and control circuit for the power tool motor etc. Mast shaft shall be in two sections of plate thickness 4mm for Top section and 5 mm for bottom section, cross section of Mast: 20-sided polygon, section length: The mast height shall be 20 meters, with minimum diameters of 152mm at the top and 406 mm at the bottom. The PCD of the mast flange shall be minimum 460 mm. M30 foundation bolt length of 850 mm, hot dip galvanized and the structure shall be suitable for wind loading as per IS-875, pt-3, 1987. It should also include accessories for high mast including head frame, steel rope 6 mm dia (7/19 construction), trailing cable, double drum winch etc. It also includes Power supply cable of 1.1 kV grade, 5 core x 4 Sq. mm and 3 core x 2.5 sq.mm EPR coated, PCP sheathed flexible copper cable and 1.1 kV grade, 4 core x 16 Sq. mm and 4 core x 2.5 Sq.mm XLPE insulated armored multi strand copper cable including supply, laying/trenching and termination as per specification. Make - KEI/Polycab/Havells/RR Kabels/Finolex	Each	1
2	Supply of 300W LED Flood Light made up of pressure die cast aluminium housing with toughened glass and high-powered LEDs, silicon potted gel driver with BIS approved, IP66, secondary lens and protection system 10kV SPD included. Make Philips/Havells/Bajaj	Each	9
3	Supply and erection of twin LED dome aviation obstruction lights as per specification. Make Philips/Havells/Bajaj	Set	1
4	Supplying and erection of Control panel (Feeder pillar) housing 63 A TPN MCB incomer, single dial timer, contactor circuit for the automatic control of luminaries, outgoing terminals and control circuit for the power tool motor etc. as per specification along with construction of feeder pillar concrete foundation, earthing etc. The supplied switchgear shall be of reputed make like L&T/Havells/Schneider/Siemens	Each	1
5	Design and Construction of RCC civil foundation for the high mast considering the safe soil bearing capacity at site at 10T/ sq meter at 2-meter depth with all materials and labour. The concrete shall be M20 grade or better.	Lot	1
6	Erection of the High mast with the help of suitable equipment and wiring of luminaries with all wiring materials and labour.	Each	1
7	GI Pipe earthing for high mast with 2.5 m long 40 mm dia GI pipe including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke / salt / earthing chemical including connection to the high mast terminals with 25 x 3 mm Jindal/Tata/Nezone make GI strip with all materials and labour	Lot	2
8	Providing service connection with 3.5 core A2XFY, 25 sq.mm armoured U. G. Cable including supply, laying/trenching and termination as per specification. Make KEI/Polycab/Havells/RR Kabels/Finolex	Mtr	100
9	Transportation up to site including P&F, F&I	Lot	1

Other Terms & Conditions

- Bidders from N-E Region having past experience of supply, erection and commissioning of high mast lighting system for Govt/PSU in last five years are eligible to participate in the bidding.

2. Buyer reserves the right to reject any /all bid without assigning any reasons thereof.
3. Bidder or his representative shall visit for survey of site before submitting their tender. Bidders are requested to download the detailed bid document uploaded herewith as ATC.
4. Bidder shall mention technical specifications, make, model of offered material in their technical bid failing which bid shall be rejected.
5. All materials shall be as specified in - **BOQ & Specifications**
6. Successful bidder has to submit a detailed Price schedule indicating GST separately against each item in the lot.
7. All future correspondences shall be to the following email address-
 - a) emgkahep@rediffmail.com
 - b) cnpkahps@rediffmail.com

3. **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.

[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---