

### Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	08-05-2025 16:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	08-05-2025 16:30:00
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	con177.pgcl.wb@gembuyer.in
Total Quantity/कुल मात्रा	5
Item Category/मद केटेगरी	Laser Range Finder (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
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Experience Criteria,Certificate (Requested in ATC),OEM Authorization Certificate,Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Additional Doc 3 (Requested in ATC),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
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
Type of Bid/बिड का प्रकार	Two Packet Bid
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
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	24000

#### 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).	17

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

POWERGRID, ER-II  
CF-17, ACTION AREA-1C, NEW TOWN, KOLKATA-700156  
(Power Grid Corporation Of India Limited)

#### 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) (can also be used in Bids < 200 Crore but only after exemption by competent authority as defined in Deptt of Expenditure OM dated 28.5.2020): 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. 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 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.

## Laser Range Finder ( 5 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
MEASUREMENT MODES / PERFORMANCE	<b>"Measurement Modes (Select Applicable Modes Only)"</b>	Slope Distance, Horizontal distance, Liner (Actual) Distance, Vertical Distance, Angles/Distance, Heights, Missing Line(width between two Remote areas)
	<b>Max Range to Non-Reflective Targets</b>	1900.0 - 5000.0 Or higher <b>(meter)</b>
	<b>Max Range to Reflective Targets</b>	400 - 6000 <b>(meter)</b>
	<b>Typical Range Accuracy</b>	0 - 100 <b>(centimeter)</b>
	<b>Range Resolution</b>	0.0 - 4.0 Or lower <b>(centimeter)</b>
	<b>Typical Inclination Accuracy</b>	0.1 <b>(degree)</b>
	<b>Scope Magnification</b>	7X, 8X Or higher

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Targeting Modes	Closest, Farthest,, Continuous
DISPLAY / INTERFACE	Display type	Internal Display, External Display, Both Internal display & External Displays
	External Display Features	Monochrome Display, Colour Display, LCD Display, LED Display, OLED Display, TFT Display, Touch Screen Display, Backlit Display, NA
SALIENT FEATURES	"Salient Features (Select applicable features Only)"	Auto Power Shut-off function, Built-in Compass, Compatible with GPS, Tripod adoptable, NA
ACCESSORIES	"Accessories inclusive in the scope of supply (Select only included Accessories)"	Safety / Sun glasses, Carry Case, Battery Charge, Manual, NA
POWER SOURCE	Battery Size, if Non Rechargeable Battery	AA, AAA, Type-C, CR 2, CRV3, CR 123/CR 123A, 9-V Rectangular Battery, NA for Rechargeable Battery
	"BATTERY CAPACITY (mAh) hint: (May indicate '0' if Not Applicable)"	0 - 5000
	Battery Working Hours(With Full Charge Battery)	6.0 Or higher (hour)
OPERATIONAL CONDITIONS	Minimum Operating Temperature	Up to 0 (degree Celsius)
	Maximum Operating Temperature	60.0 Or higher (degree Celsius)
	"Maximum Operating Humidity - Non-Condensing"	Up to 90 (percent)
WARRANTY	WARRANTY	1, 2, 3 Or higher (year)
CERTIFICATION	Ingress Protection	IP 55, IP 66, IP 67 Or higher
	Availability of Test Reports from Central Govt / NABL approved / ILAC accredited Lab to prove conformity to the Specification	Yes, No

#### Additional Specification Parameters - Laser Range Finder ( 5 pieces )

Specification Parameter Name	Bid Requirement (Allowed Values)
TECHNICAL SPECIFICATION	OFFERED PRODUCTS SHALL MEET MINIMUM TECHNICAL SPECIFICATION AS SPECIFIED IN TECHNICAL SPECIFICATION DOCUMENT ATTACHED at Buyer uploaded ATC document. All the Bids shall be evaluated based on same.

\* 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	Abhishek Kant Vats	700156,CF-17, ACTION AREA, NEW TOWN, RAJARHAT, KOLKATA-700156	3	60
2	Manwar Hossain	736121,POWERGRID CORPORATION OF INDIA LIMITED, 800KV HVDC Station, Topsikhata Falakata Road, Alipurduar- West Bengal- 736121	1	60
3	Gagan Kumar Rout	733201,POWERGRID CORPORATION OF INDIA LTD, 220 KV Dalkhola Substation, PO: Dalkhola, PS: Dalkhola, Dist: Uttar Dinajpur, West Bengal-733201	1	60

**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.](#)

**2. Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

**TECHNICAL SPECIFICATIONS FOR**  
**Procurement of 05(Five) nos . of Clearance Measurement Kit (Laser Range Finder) for O&M of Transmissi**  
**on lines under ERTS-II**

Description	Specification
Measuring Range	The instrument shall be capable of measure horizontal, vertical and slope distance between two remote point of non-reflective target up to 1900 meters and wire measurement upto 400 meters.
Accuracy	Distance: $\pm 4$ cm Inclination: $\pm 0.1^\circ$
Operating Mode	Horizontal, slope, vertical distance and 2-point: flexible height routine Target acquisition: closest, farthest, continuous and rain mode, Mid span Sag, Arc length and Tension in Sag Profiler android software.
Scope Magnification	7 X

Power Source	It should be battery operated and should be able to operate for minimum 6 hrs without recharging. 1 set of spare rechargeable battery shall be provided along with the instrument.
Environmental Operating	Water and Dust resistant confirming- IP-55.
Delivery Box	Delivery box shall contain range finder kit, 2 Nos. rechargeable Battery along with Battery Charger, Tripod, Rugged padded PVC case to keep all the mentioned items in one pack.
Temperature	- 10°C to 60°C
Repeatability	The test results should have repeatability, consistency & immunity to Electromagnetic interference in live switchyard upto 765 kV levels.
Field of view	At least 100m @ 915m away.
Work in day light	Yes.
Commissioning, Training and Handing Over of the Instrument	The Successful bidder must arrange for the equipment to be commissioned/ demonstrated by certified or qualified personnel; any prerequisites for demonstration to be Communicated to the purchaser in advance in detail. Successful bidder will have to commission the instrument to the satisfaction of POWERGRID official. The instrument failed during the demonstration shall be rejected and no repairs are allowed, the bidder has to replace with the new equipment.
Warranty	One year warranty from the date of commissioning.
Calibration Certificate	Calibration certificate from/traceable to, NABL accredited lab or internationally reputed lab, shall be submitted. Date of calibration shall not be older than three months from the date of supply of Kit.
Service after Sales	Bidder must have manufacturer authorized service centre in India. Bidder will have to submit the documentary evidences of having Established mechanism for prompt services as and when required by POWERGRID.
Training	The supplier shall provide training about the instrument application and capabilities to the PGCIL personnel through a qualified person authorized by OEMs at POWERGRID site at no extra charge for a minimum period of two days. Trainings shall be arranged by the supplier on a mutually agreed date and required reading materials / CD's shall be arranged by the supplier.

#### SPECIAL TECHNICAL CONDITIONS FOR DEMONSTRATION OF LASER RANGE FINDER at ERTS-II

1. The offered make and model Test Kit Bidders meeting the technical specifications, shall be informed for carrying out demonstration at POWERGRID, 400/220kV RAJARHAT GIS SUB STATION, VILLTONA, PO- MACHIBHANGA PS-KASHIPUR, 700135, WEST BENGAL. The demonstration shall be carried out within 21 days from the date of intimation.
2. In case Bidder, has already supplied/Successfully demonstrated offered make and model test kit matching the specification in POWERGRID during past 3 years, then the details along with necessary documents can be furnished to POWERGRID for technical evaluation. They will have to enclose the copy of LOA/demonstration report by POWERGRID /minutes of meeting/Joint Measurement taken during demo at POWERGRID. However, bidder shall not derive any right for waive off demonstration on the grounds of earlier supply to other substations and POWERGRID reserves the right to ask for redemonstration of offered make and model test kit, if desired. The decision of POWERGRID shall be final and binding.
3. The bidder shall have to demonstrate their offered make & model test kit as per the following at any place as directed.

directed by POWERGRID (Generally at any of POWERGRID's 765kV/400kV/220kV level Transmission line in ER-II as technically suitable):

A. The offered make and model test kit which is meeting the required technical specifications shall be required to demonstrate the functionality. The test results shall be consistent, repeatable under electromagnetic fields / Induction. Bidder has to show the consistency and repeatability of test results by testing in switchyard area/Substation as applicable. Only upon successful demonstration of the test kit so offered, the bids shall be considered for further evaluation.

B. The offered make & model test kit shall be demonstrated with all accessories under the scope of supply and shall submit copies of reports, calibration certificates and EMC/EMI/vibration requirement compliance certificates as may be applicable from internationally/nationally reputed accredited lab, as per relevant IEC/IS or international standard.

C. The actual performance/pass-fail report of testing instrument during demonstration shall be sent by Demo-site to Engineer-In-Charge for onward submission to Contracts Department of POWERGRID, ERTS-II.

D. POWERGRID shall not take any responsibility in case of instrument/equipment accessories of instrument is damaged during demonstration.

E. All the expenses relating to demonstration of offered make and model at POWERGRID site(s) shall be borne by the bidder. POWERGRID shall not bear any financial implication towards these demonstrations.

### 3. **Scope of Supply**

Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)

### 4. **Generic**

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

### 5. **Generic**

Bidder shall submit the following documents along with their bid for Vendor Code Creation:

- a. Copy of PAN Card.
- b. Copy of GSTIN.
- c. Copy of Cancelled Cheque.
- d. Copy of EFT Mandate duly certified by Bank.

### 6. **Generic**

Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

### 7. **Generic**

**Manufacturer Authorization:** Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid

### 8. **Generic**

1. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer.
2. The Seller shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of buyer.
3. The Seller shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to buyer together with the assignee/ sub-contractor, for and in respect of the due performance of the Contract and the Sellers obligations there under.

#### 9. **Generic**

While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.

#### 10. **Forms of EMD and PBG**

Bidders can also submit the EMD with Account Payee Demand Draft in favour of

POWER GRID CORPORATION OF INDIA LIMITED  
payable at  
KOLKATA

Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

#### 11. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of

POWER GRID CORPORATION OF INDIA LIMITED  
payable at  
KOLKATA

. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.

#### 12. **Warranty**

Warranty period of the supplied products shall be 1 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

## **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---**