

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	09-06-2025 15:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	09-06-2025 15:30:00
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	con925.pgcl.gj@gembuyer.in
Total Quantity/कुल मात्रा	1
Item Category/मद केटेगरी	Moisture content in insulating oil test kit
GeMARPTS में खोजी गई स्ट्रिंग / Searched Strings used in GeMARPTS	Moisture content in insulating oil test kit
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	Transformer Oil BDV Test Kit, Insulating Oil For Transformer As Per POWERGRID TS, New Insulating Oils (V2) Conforming to IS 335, Secondary Injection Relay Test Kit (BHEL), Ready Made Water Analysis Test Kit, Unused Mineral Insulating Oils for Transformers and Switch gear, Dyslexia Screening Test-Junior India Kit (DST-J India), HIV-1 Qualitative (Early Infant Diagnosis) Test Kit for NACO, pH Based Rapid Test Kit for Diagnosis of Vaginal Infections, Injector Diagnosis and Cleaning System Kit For Educational Purpose
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	<ul style="list-style-type: none"> Environmental Chamber Transformer Oil BDV Test Kit Dielectric Constant Kit for Solids
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

Bid Details/बिड विवरण	
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Experience Criteria,Certificate (Requested in ATC),OEM Authorization Certificate,Additional Doc 1 (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?/	No
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
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

Advisory Bank/एडवाइजरी बैंक	State Bank of India
ePBG Percentage(%) /ईपीबीजी प्रतिशत (%)	5.00
Duration of ePBG required (Months)/ईपीबीजी की अपेक्षित अवधि (महीने).	43

(a). 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 :

Sr. GM
POWER GRID CORPORATION OF INDIA LIMITED, Plot No. 54, Beside Riya-Revti Resort, 390008, Sama-Savli Rd, opp. Ambe Vidhyalaya, Chanakypuri Society, Kasturba Nagar, New Sama, Vadodara, Gujarat 391740
(Powergrid 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): 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.

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 100% (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.

Moisture Content In Insulating Oil Test Kit (1 set)

(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

Buyer Specification Document/क्रेता विशिष्टि दस्तावेज़	Download
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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	Manish Vinod Prasad	382305, Power Grid Corporation of India, 400/220kC Sub-station, Vasna-Rathod Road, Near Ganeshpura Village, Dehgam, Gujrat - 382305	1	120

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

Subject- Supply, delivery & commissioning of Moisture content in insulating oil test kit under New Navsari project.

A. Bidder has to submit following as per the condition of bidding document ATC clause-4-

- Declaration of local content under MII
- OEM authorization certificate
- Bid forms 1-4 (format provided in ATC uploaded document)

B. TECHNICAL SPECIFICATION

i. The technical specification for the materials is attached in the GeM bid. Material offered must be strictly adhered to the technical specification. Bidder have to submit the compliance of buyer added TS.

SPECIFICATION OF TEST KIT FOR “WATER CONTENT MEASUREMENT IN INSULATING OIL USING COULOMETRIC KARL FISHER TITRATION METHOD in compliance to ASTM-D1533 and IEC 60814”

1.0 Application:

1.1 The intended use of Water Content Measurement Kit is to **measure water content in insulating oil as per ASTM D1533 and IEC-60814.**

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1.2 The equipment should be microprocessor controlled for determination of water in insulating oil by ‘**Coulometric Karl Fischer Titration**’ Method.

1.3 The equipment shall be robust, control with digital display, auto store results and an option to interface with computer/printer.

2.0 Scope:

2.1 Scope includes Design, Manufacture, testing at factory, Supply, Installation and commissioning of Water Content Measurement Kit of given specifications and BOQ as required for operation of kit.

3.0 Measurement Capabilities:

Sl. No.	Description	Details
a.	Method of Measurement	Microprocessor Controlled Determination of Water in Insulating Oil by Coulometric Karl Fischer Titration Method.
b.	Resolution	0.1 µg H ₂ O
c.	Measuring Range	10 µg to 200mg of absolute water
d.	Generator Electrode	With diaphragm
e.	Drift Compensation	Automatic
f.	Keypad/ User controls	Should be capable of carrying out all operational functions
g.	Stirrer	Integrated built in magnetic stirrer. With speed control.
h.	Modes	Standard/ Preset as well as User programmable
i.	Display	LCD/LED
j.	Accuracy	Up to 3 µg for water of 100 µg or better; for more water 0.5% or better
k.	Report Output	In Display and auto storage in-built or USB memory (at least 1000 results) as well as Printer. Results are in ppm, %, µg, mg/kg formats
l.	Diagnostics	Should have error messages/ indications for any defects in vessel, solution, electrodes etc. as well as instrument error, mains on, stirrer moving etc.
m.	Interface	Interface for printer/ PC
n.	Power Supply	AC Voltage 230 V ±10 % Frequency 50 Hz ±5 %
o.	The instrument shall be supplied with all the required accessories & software for complete installation and testing as per method requirement.	

4.0 Display/ Keyboard: Alpha numeric LCD/LED Display and keyboard / touch screen/soft keys.

5.0 Printer: Built in printer or facility to connect external printer via USB/Serial Port/Ethernet/Bluetooth.

6.0 Test Results: Results shall be Auto store in In-Built memory/Storage device

7.0 Calibration Certificate from /traceable to NABL accredited lab or internationally reputed lab shall be submitted. Date of calibration shall not be older than two months from the date of supply of kit.

8.0 Solvent extraction unit: The kit should have the provision of extraction & addition of titration solvent to titration vessel.

9.0 SAFETY: Shock proof, Vibration proof, EMC compliant & Safety requirements as per relevant International Standards.

10.0 MANUAL: Operating / User's Manual in English.

11.0 Warranty: Supplier shall give **three years warranty** to the entire test setup (Hardware & software) from the date of successful commissioning at POWERGRID.

12.0 Training: Supplier shall arrange training on the usage of the instrument by the technical expert in our premises without extra cost to POWERGRID.

13.0 After sales-service: The supplier should have adequate "After Sales Service" in India so that repair / calibration of the testing kit can be done in the short period of time.

C. The Bidder is required to submit a comprehensive price breakdown of the quoted price in accordance with the format specified below. This detailed price breakdown will be incorporated into the Government e-Marketplace (GeM) Letter of Acceptance (LOA) and will be utilized for all post-award activities.

BOQ for procurement of Moisture content in insulating oil test kit under New Navsari project										
Consignee location	Material description	Unit	Qty	Unit rate (Supply)	Unit rate (Service)	Unit rate (Supply + service)	Total price excluding GST & F&I	GST@ 18%	F&I charges	Total Price including GST & F&I
			A	B	C	D = B + C	E = D*A	F = E* 18%	G	H = E + F + G
RHQ/RTL	Moisture content in insulating oil test kit	EA	1							
	Total									

D. Shortlisting Criteria

Shortlisting Criteria for bidders is attached in "Buyer uploaded ATC document".

E. DEMONSTRATION and PRE-DISPATCH INSPECTION

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Applicable as per clause 21, 22 & 23 of buyer uploaded ATC document.

F. Engineer In-charge

The Engineer-in-Charge for the package shall be:

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Sr. GM (Dehgam SS)

POWER GRID CORPORATION OF INDIA,

400/220KC SUB-STATION, VASNA-RATHOD ROAD,

NEAR GANESHPURA VILLAGE, DEHGAM, GUJARAT - 382305

The **Engineer-in-Charge** may authorize any of his officers as his representative for the execution of the subject work.

- G.** Additional terms & conditions supplementing/replacing/deleting GeM GTC clause is attached in ATC under "Buyer uploaded ATC document."

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2. Buyer Added Bid Specific ATC

Buyer uploaded ATC document [Click here to view the file.](#)

3. 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 %.

4. 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.

5. Generic

Installation, Commissioning, Testing, Configuration, Training (if any - which ever is applicable as per scope of supply) is to be carried out by OEM / OEM Certified resource or OEM authorised Reseller.

6. 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

7. Generic

Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.

8. 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.

9. Generic

Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:

- i) The Seller fails to comply with any material term of the Contract.
- ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
- iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
- iv) The Seller becomes bankrupt or goes into liquidation.
- v) The Seller makes a general assignment for the benefit of creditors.
- vi) A receiver is appointed for any substantial property owned by the Seller.
- vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.

10. 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.

11. Scope of Supply

Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

12. Certificates

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

13. 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.

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.
15. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template as indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by GeM GTC.
16. In a category based bid, adding additional items, through buyer added additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogs or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

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 कार्रवाई का आधार होगा।

---Thank You/धन्यवाद---