



Bid Number/बोली क्रमांक (बिड संख्या):  
GEM/2024/B/5568498  
Dated/दिनांक : 13-11-2024

### Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	25-11-2024 19:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	25-11-2024 19:30:00
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
Total Quantity/कुल मात्रा	1
Item Category/मद केटेगरी	Distribution Transformer, 3 Phase, 11 kV > 200 KVA up to and Including 2500 KVA (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	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?/	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	2 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No

**Bid Details/बिड विवरण**

<b>Evaluation Method/मूल्यांकन पद्धति</b>	Total value wise evaluation
<b>Arbitration Clause</b>	No
<b>Mediation Clause</b>	No

**EMD Detail/ईएमडी विवरण**

Advisory Bank/एडवाइजरी बैंक	State Bank of India
EMD Amount/ईएमडी राशि	40000

**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).	29

(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

Power Grid Corporation of India Limited, Plot No. 4, Unit-41, Niladri Vihar, Chandrashekharpur, Bhubaneswar - 751021

(Powergrid Corporation Of India Limited)

**Reserved for Make In India products**

Reserved for Make In India products	Yes
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**MSE Purchase Preference/एमएसई खरीद वरीयता**

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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1. 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.

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.

## **Distribution Transformer, 3 Phase, 11 KV > 200 KVA Up To And Including 2500 KVA ( 1 pieces )**

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

Bis Required	Yes
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### **Technical Specifications/तकनीकी विशिष्टियाँ**

\* [जेम केटेगरी 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>Energy efficiency level</b>	1
	<b>BEE Star Rating</b>	1
	<b>Installation, Testing and Demonstration</b>	No
	<b>Minimum warranty on receipt of stores (in Months)</b>	30
	<b>Minimum warranty from the date of installation (in Months)</b>	24
RATINGS	<b>Nominal system voltage, HV ( in kV)</b>	11
	<b>Nominal system voltage, LV ( in V)</b>	415

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Standard ratings (in kVA)	630
	Minimum basic insulation level (in kVP)	75
	No load voltage ratios (in Volts)	11000/433-250
	Highest system voltage for equipment (in kV)	12
	Rated lightning impulse withstand voltage (in kV Peak) (Refer IS:1180 (Part 1):2014 Annex-D)	75
CONSTRUCTION	Core mateial	CRGO (as per IS:3024 latest)
	Conductor (Winding) material	Copper
	Vector Group	Dyn-11
	Type of Mounting	Ground Mounted
	Noise level at rated voltage and frequeuncy, Maximum (in dB)	55
TRANSFORMER TANK	Transformer tank cover construction	Non-sealed, Bolted
	Tank configuration with	With radiator fins
	Material of transformer tank	Stainless steel
	Minimum thickness of top and bottom material of transformer tank (in mm)	6
	Minimum thickness of side material of transformer tank (in mm)	4
	Material of Bolts/Nuts/Wahers exposed to atmosphere	Stainless steel (for upto 12 mm size), Brass (for upto 12 mm size), Electro Galvanized (for above 12 mm size), Hot Dip Galvanized (for above 12 mm size)
	Gaskets wherever used shall conform to	Type III (as per IS:11149) Type C (as per IS:4253 (Pt.2))
	Provision of conservator	Yes , for Non sealed type with Plain tank construction
Painting	Type of painting on inside of tank (hint: Refer Table 12 of IS:1180 (Pt.1):2014)	Oil resistant paint
	Type of painting on External surface of tank (hint: Refer Table 12 of IS:1180 (Pt.1):2014)	Polyurethane (finish coat)
TAP CHANGER	Winding tapped	HV

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	<b>No. of positions (in Nos.)</b>	7
	<b>Voltage variation</b>	+5% to -10% in steps of 2.5% for variation of HV
TERMINAL ARRANGEMENT	<b>Transformer fitted with bushings of appropriate voltage and curent ratings on HV side</b>	Yes. 3 Nos. (Conforming to IS:2099)
	<b>Transformer fitted with bushings of appropriate voltage and curent ratings on LV side</b>	Yes. 4 Nos. (Conforming to IS:7421)
	<b>Suitable provision for adoption of cables of suitable size on LV side</b>	No
	<b>Cable End Box on HV side</b>	No
	<b>Cable End Box on LV side</b>	Yes
MARKING	<b>Material of rating plate</b>	Anodized aluminium
	<b>Marking method on rating plate</b>	Engraved
	<b>Rating and terminal marking plates combined into one plate</b>	Yes
OPTIONAL FITTINGS	<b>Suitable rating lightning arrestors</b>	HT Side, 1 No. per phase
	<b>Bird guard</b>	Yes
	<b>Terminal connectors</b>	Yes
	<b>Oil temperature indicator and widning temperature indicator</b>	Yes
	<b>Jacking pads</b>	No
	<b>Buchholz relay</b>	Yes
	<b>Magnetic oil level gauge with low oil level alarm contact</b>	No
	<b>Non return valve</b>	Yes
	<b>Protection relay for sealed type transformers for internal parameters that is pressure, temperature, oil level and gas detection</b>	Yes
	<b>Unidirectional flat rollers</b>	Yes
	<b>Drain cum sampling valve</b>	Yes with steel plug (for transformers upto 500 KVA)
<b>Self protection / disconnection devices</b>	On secondary side (as per IS/IEC:60947-2:2003)	

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	<b>Expulsion fuse as disconnection device</b>	On Primay side (as per IS:9385 (Part 2):1980
SERVICE CONDITION	<b>Maximum altitude</b>	<1000 m
TEST REPORTS & CERTIFICATIONS	<b>Availability of type test reports to prove the confirmity of the specification from</b>	NABL Accrediated
	<b>Agreed for stage Inspection as required by buyer</b>	Yes
SPECIAL TEST REPORTS	<b>Availability of test report for Determination of sound level test</b>	No
	<b>Availability of test report for short circuit withstand test</b>	No
	<b>Availability of test report for No load current at 112.5 % Voltage</b>	Yes
	<b>Availability of test report for Paint adhesion test</b>	No
	<b>BDV and moisture content of oil in the transformer</b>	Yes for 1 No.
	<b>Other requirements</b>	Losses and Impedance values as per Cl.7.8 and Table 6 of IS:1180 (Part 1):2014 latest, Limits of temeprature-rise as per Cl.7.10 of IS:1180 (Part 1):2014 latest

**Additional Specification Parameters - Distribution Transformer, 3 Phase, 11 KV > 200 KVA Up To And Including 2500 KVA ( 1 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
Technical Speifications	As per TS in Bid ATC

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

**Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र**

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Arobinda Mallik	766026,Power Grid Corporation of India Ltd., 400KV Indravati Sub-station, At/PO- Mukhiguda, Dist- Kalahandi, Odisha-766026	1	60

#### Buyer added Bid Specific Additional Specification - Drawings

S.No./क्र. सं.	Document Title	Description	Applicable/रिर्वर्स प्रभार के अनुसार जीएसटी i.r.o. Items
1	Technical Specification Section - LT Transformer (Rev 06) <a href="#">View</a>	Technical Specification Section - LT Transformer (Rev 06)	Distribution Transformer, 3 Phase, 11 KV > 200 KVA Up To And Including 2500 KVA(1)

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. Generic

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

- Copy of PAN Card.
- Copy of GSTIN.
- Copy of Cancelled Cheque.
- Copy of EFT Mandate duly certified by Bank.

##### 2. 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.

##### 3. 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.

##### 4. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

पैकेज: पावरग्रिड 400 केवी इंद्रावती उपकेंद्र पर 630 केवीए, 11/0.433 केवी तीन चरण एलटी ट्रांसफार्मर की आपूर्ति, स्थापना और कमीशनिंग (एएम बजट के तहत)।"/ Package: "Supply, Installation and commissioning of 630 KVA, 11/0.433 kV Three phase LT Transformer at the 400kV POWERGRID Indravati Substation (under AM Budget)". Spec.no: ODP/BB/C&M-3954/GeM-135/24-25].

1. Bidder shall have to fill and upload the following forms along with their bid:

- (a) EMD/Bid Security (in Original) or Online Payment Acknowledgement towards bid security or documentary evidence in support of exemption of EMD/Bid Security-**Mandatory Requirement (Refer Form No. 1 for EMD BG and further detailing at clause 5 below) (Mandatory Document)**
- (b) Information regarding Ex-Employees of POWERGRID in our organization (**Refer Form No. 2**)
- (c) Certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made. (**Refer Form No. 3) (Mandatory Document)**
- (d) Undertaking by the bidder regarding Compliance of DMI & SP policy. (**Refer Form No. 5**)
- (e) Declaration by the Bidder regarding events encountered pursuant to Bid specific ATC clause 3 (**Refer Form No. 6**)
- (f) Certification by the Bidder as per DoE Order in line with Bid specific ATC clause 3 (**Refer Form No. 7**)
- (g) **The Bidders must satisfy the Shortlisting Criteria attached as Annexure - SC (Mandatory Requirement)**
- (h) Power of Attorney
- (i) Bidders are requested to submit/upload the relevant data sheets/brochures/certificates etc. of the quoted product along with the bid.

2. Bidders are requested to go through Bid\_ATC before quoting.

3. In need of any assistance in submission of the tender etc., the following officers may be contacted.

a) Pintu Subudhi, DGM(C&M)

Ground Floor, Power Grid Corporation of India Limited,

Plot No. 4, Unit-41, Niladri Vihar, Chandrashekharpur,

Bhubaneswar -751021, Phone:0674-2720790,

Mobile: 9692622993

b) Nabin Basu, Manager (C&M)

Ground Floor, Power Grid Corporation of India Limited, Plot No. 4, Unit-41, Niladri Vihar, Chandrashekharpur,

Bhubaneswar -751021, Phone:0674-2720790,

Mobile: 9437476124



## 5. 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---