

## Bid Document

Bid Details	
<b>Bid End Date/Time</b>	05-08-2022 17:00:00
<b>Bid Opening Date/Time</b>	05-08-2022 17:30:00
<b>Bid Offer Validity (From End Date)</b>	60 (Days)
<b>Ministry/State Name</b>	Ministry Of Power
<b>Department Name</b>	North Eastern Electric Power Corporation Limited
<b>Organisation Name</b>	North Eastern Electric Power Corporation Limited
<b>Office Name</b>	Kameng Hydro Power Station
<b>Total Quantity</b>	1
<b>Item Category</b>	Distribution Transformer, 3 Phase, 33 KV, > 200 KVA Up to and including 2500 KVA (Q3)
<b>Minimum Average Annual Turnover of the bidder (For 3 Years)</b>	17 Lakh (s)
<b>OEM Average Turnover (Last 3 Years)</b>	17 Lakh (s)
<b>Years of Past Experience Required for same/similar service</b>	3 Year (s)
<b>MSE Exemption for Years Of Experience and Turnover</b>	Yes
<b>Startup Exemption for Years Of Experience and Turnover</b>	Yes
<b>Document required from seller</b>	Experience Criteria,Past Performance,Bidder Turnover,OEM Authorization Certificate,OEM Annual Turnover,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
<b>Past Performance</b>	10 %
<b>Bid to RA enabled</b>	Yes
<b>RA Qualification Rule</b>	50% Lowest Priced Technically Qualified Bidders
<b>Time allowed for Technical Clarifications during technical evaluation</b>	15 Days
<b>Evaluation Method</b>	Total value wise evaluation

### EMD Detail

Required	No
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## ePBG Detail

Required	No
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### Splitting

Bid splitting not applied.

### MII Purchase Preference

MII Purchase Preference	No
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### MSE Purchase Preference

MSE Purchase Preference	Yes
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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". If the bidder is OEM of the offered products, it would also be exempted from the "OEM Average Turnover" criteria. 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". If the bidder is OEM of the offered products, it would also be exempted from the "OEM Average Turnover" criteria. 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. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
4. 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 / Public Listed Company 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.
5. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
6. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs 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 the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. 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. 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 Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY.
7. 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.

8. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 10% 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 / Public Listed Company. 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.

9. Reverse Auction would be conducted amongst first 50% of the technically qualified bidders arranged in the order of prices from lowest to highest. Number of sellers eligible for participating in RA would be rounded off to next higher integer value if number of technically qualified bidders is odd (e.g. if 7 bids are technically qualified, then RA will be conducted amongst L-1 to L-4). In case number of technically qualified bidders are 2 or 3, RA will be between all without any elimination. If Buyer has chosen to split the bid amongst N sellers, then minimum N sellers would be taken to RA round. In case Primary products of only one OEM are left in contention for participation in RA based on lowest 50% bidders qualifying for RA, the number of sellers qualifying for RA would be increased to get at least products of one more OEM (directly participated or through its reseller) if available. Further, if bid(s) of any seller(s) eligible for MSE preference is / are coming within price band of 15% of Non MSE L-1 or if bid of any seller(s) eligible for Make in India preference is / are coming within price band of 20% of non MII L-1, then such MSE / Make in India seller shall also be allowed to participate in the RA process.

### **Distribution Transformer, 3 Phase, 33 KV, > 200 KVA Up To And Including 2500 KVA ( 1 pieces )**

Brand Type	Registered Brand
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#### **Technical Specifications**

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
STANDARDS	Energy efficiency level	1, 2, 3
	BEE Star Rating	1, 2, 3, 4, 5
	Installation, Testing and Demonstration	Yes . Including Civil work, Yes . Excluding Civil work, No
	Minimum warranty on receipt of stores (in Months)	30, 42, 54, 66, 78
	Minimum warranty from the date of installation (in Months)	24, 36, 48, 60, 72
RATINGS	Nominal system voltage, HV ( in kV)	33
	Nominal system voltage, LV ( in V)	415
	Standard ratings (in kVA)	315
	Minimum basic insulation level (in kVP)	170
	No load voltage ratios (in Volts)	33000/433-250

Specification	Specification Name	Bid Requirement (Allowed Values)
	Highest system voltage for equipment (in kV)	36
	Rated lightning impulse withstand voltage (in kV Peak) (Refer IS:1180 (Part 1):2014 Annex-D)	170
CONSTRUCTION	Core material	CRGO (as per IS:3024 latest)
	Conductor (Winding) material	Copper
	Type of Mounting	Ground Mounted
	Noise level at rated voltage and frequency, Maximum (in dB)	45, 48, 51, 55
TRANSFORMER TANK	Transformer tank cover construction	Non-sealed, Bolted
	Tank configuration with	With radiator fins
	Material of transformer tank	Mild Steel
	Minimum thickness of top and bottom material of transformer tank (in mm)	5
	Minimum thickness of side material of transformer tank (in mm)	4
	Material of Bolts/Nuts/Washers 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
TAP CHANGER	Tap changing arrangement	On load, Off circuit , through link, Off circuit , externally operated switch with mechanical locking device and a position indicator
	Winding tapped	HV
	No. of positions (in Nos.)	7
	Voltage variation	+5% to -10% in steps of 2.5% for variation of HV
TERMINAL ARRANGEMENT	Transformer fitted with bushings of appropriate voltage and current ratings on HV side	Yes. 3 Nos. (Conforming to IS:2099)

Specification	Specification Name	Bid Requirement (Allowed Values)
	<b>Transformer fitted with bushings of appropriate voltage and current ratings on LV side</b>	Yes. 4 Nos. (Conforming to IS:7421)
	<b>Cable End Box on HV side</b>	No
	<b>Cable End Box on LV side</b>	Yes, No
MARKING	<b>Material of rating plate</b>	Anodized aluminium, Stainless steel
	<b>Marking method on rating plate</b>	Etching, Engraved, Stamped
OPTIONAL FITTINGS	<b>Suitable rating lightning arrestors</b>	HT Side, 1 No. per phase, No
	<b>Bird guard</b>	Yes, No
	<b>Terminal connectors</b>	Yes, No
	<b>Oil temperature indicator and winding temperature indicator</b>	Yes
	<b>Jacking pads</b>	Yes for transformer above 1600 KVA, No
	<b>Buchholz relay</b>	Yes, No
	<b>Magnetic oil level gauge with low oil level alarm contact</b>	Yes for transformer above 1600 KVA, No
	<b>Non return valve</b>	Yes, No
	<b>Protection relay for sealed type transformers for internal parameters that is pressure, temperature, oil level and gas detection</b>	Yes, No
	<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, No
SERVICE CONDITION	<b>Maximum altitude</b>	<1000 m
TEST REPORTS & CERTIFICATIONS	<b>Availability of type test reports to prove the conformity of the specification from</b>	Central Govt. Lab (Govt. Of India), NABL Accredited, ILAC accredited
	<b>Agreed for stage inspection as required by buyer</b>	Yes, No
SPECIAL TEST REPORTS	<b>Availability of test report for Determination of sound level test</b>	Yes, No

Specification	Specification Name	Bid Requirement (Allowed Values)
	<b>Availability of test report for short circuit withstand test</b>	Yes, No
	<b>BDV and moisture content of oil in the transformer</b>	Yes for 1 No., 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 temperature-rise as per Cl.7.10 of IS:1180 (Part 1):2014 latest

**Additional Specification Parameters - Distribution Transformer, 3 Phase, 33 KV, > 200 KVA Up To And Including 2500 KVA ( 1 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
System Voltage, Rated Voltage HV, Rated Voltage LV, Phase, Frequency, Connection HV, Connection LV, LV Neutral Earthing	36 kV, 33 kV, 0.433 kV, 3 phase, 50 HZ $\pm$ 5% , Delta, Star (Neutral Brought Out), The neutral point of the secondary (LV) winding shall be brought out in a separate insulated terminal and shall be solidly earthed.
Vector Group, Type of core, winding, Rating, Type of cooling,	Dyn11, CRGO material (stack core), Both HV & LV winding shall be wound from double paper covered copper conductor, 315 kVA, ONAN
Percentage Impedance at 75 ?, Taps	4.5% $\pm$ 10% IS Tolerance, Off load tap switch on HV winding for a voltage variation of +5% to -7.5% with tap position no.3 as normal.
Maximum temperature rise over ambient	i. Top oil temperature rise measured by thermometer = 35?, ii. Winding temperature rise measured by resistance method = 40 ?
Minimum Thickness of tank top and bottom, Minimum thickness of tank sides, Provision of Buchholz relay	6 mm, 4 mm, Buchholz relay is to be provided

\* 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	90%
Min Cost Allocation for ICT as a % of product cost	10%
Number of days allowed for ICT after site readiness communication to seller	15 Days

**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Indrajit Das	790114,Kameng Hydro Power Station Kimi, West Kameng	1	60

## Buyer Added Bid Specific Terms and Conditions

### 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. Generic

After award of contract – Successful Bidder shall have to get Detailed Design Drawings approved from buyer before starting fabrication. Successful Bidder shall submit Detailed Design Drawings for Buyer's approval, within 10 days of award of contract. Buyer shall, either approve the drawings or will provide complete list of modification required in the drawings within 21 days. Seller shall be required to ensure supply as per approved Drawings with modifications as communicated by Buyer. If there is delay from buyer side in approval of drawing– the delivery period shall be refixed without LD for the period of delay in approval of Drawing.

### 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

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 / Public Listed Company for 3 years 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 year. In case of bunch bids, the primary product having highest value should meet this criterion.

### 5. 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.

### 6. Inspection

Materials shall be guaranteed for 12 months from the date of commissioning or 18 months from the date of supply whichever is earlier.

### 7. Inspection

**Pre-dispatch inspection at Seller premises (Fee/Charges to be borne by the BUYER):** Before dispatch, the goods will be inspected by Buyer / Consignee or their Authorized Representative or by Nominated External Inspection Agency (independently or jointly with Buyer or Consignee as decided by

the Buyer) at Seller premises (or at designated place for inspection as declared / communicated by the seller) for their compliance to the contract specifications. Fee/Charges taken by the External inspection Agency and any external laboratories testing charges shall be borne by the Buyer. For in-house testing, the Sellers will provide necessary facilities free of cost. Seller shall notify the Buyer through e-mail about readiness of goods for pre-dispatch inspection and Buyer will notify the Seller about the Authorized Representative/ Nominated External Inspection Agency and the date for testing. The goods would be dispatched to consignee only after clearance in pre-dispatch inspection. Consignee's right of rejection as per GTC in respect of the goods finally received at his location shall in no way be limited or waived by reason of the goods having previously been inspected, tested and passed by Buyer/ Consignee or its Nominated External Inspection Agency prior to the goods' shipment. While bidding, the sellers should take into account 7 days for inspection from the date of email offering the goods for inspection. Any delay in inspection beyond 7 days shall be on the part of the buyer and shall be regularised without Liquidated Damages.

When there is requirement of submission the advance sample, the seller shall inform the buyer promptly through emails about the date of submission of sample to the buyer nominated Inspection agency.

## **8. Financial Criteria**

**NET WORTH:** Net Worth of the OEM should be positive as per the last audited financial statement.

## **9. Scope of Supply**

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

## **10. 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.

## **11. Turnover**

Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

## **12. Turnover**

OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.

## **13. Warranty**

Warranty period of the supplied products shall be as given in specifications 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

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. 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. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents/clauses shall also be null and void. 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. Also, GeM does not permit collection of Tender fee / Auction fee in case of Bids / Forward Auction as the case may be. Any stipulation by the Buyer seeking payment of Tender Fee / Auction fee through ATC clauses would be treated as null and void.

[This Bid is also governed by the General Terms and Conditions](#)

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.

**---Thank You---**