

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण

Bid End Date/Time/बिड बंद होने की तारीख/समय	03-06-2024 12:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	03-06-2024 12:30:00
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 Coal
Department Name/विभाग का नाम	Materials Management
Organisation Name/संगठन का नाम	Northern Coalfields Limited
Office Name/कार्यालय का नाम	Singrauli
Total Quantity/कुल मात्रा	2
Item Category/मद केटगरी	Distribution Transformer, 3 Phase, 11
MSE Exemption for Years Of Experience/अनुभव के वर्षों से एमएसई छूट/	Yes
Startup Exemption for Years Of Experience/अनुभव के वर्षों से स्टार्टअप छूट/	Yes
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Experience Criteria, Certificate (Requested Doc 1 (Requested in ATC), Additional I in ATC), Compliance of BoQ specification *In case any bidder is seeking exemption documents to prove his eligibility for buyer
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
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	7 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation

EMD Detail/ईएमडी विवरण

Advisory Bank/एडवाइजरी बैंक	ICICI
EMD Amount/ईएमडी राशि	40480

ePBG Detail/ईपीबीजी विवरण

Advisory Bank/एडवाइजरी बैंक	ICICI
ePBG Percentage(%)/ईपीबीजी प्रतिशत (%)	5.00
Duration of ePBG required (Months)/ईपीबीजी की अपेक्षित अवधि (महीने) .	6

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Trad शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज प्रस्तुत करने हैं। एमएसई केटेगरी के अंतर्गत 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

Beneficiary/लाभार्थी :

General Manager (MM)

Singrauli, Materials Management, Northern Coalfields Limited, Ministry of Coal
(Northern Coalfields Limited)

Splitting/विभाजन

Bid splitting not applied/बोली विभाजन लागू नहीं किया गया.

Reserved for Make In India products

Reserved for Make In India products	Yes
-------------------------------------	-----

MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
---	-----

1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from "Experience Criteria" subject to meeting of quality and technical specifications. If the bidder is OEM of the offered product, the bidder shall be exempted from "Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption, 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" for OEM of the offered products, if the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria and "Experience Criteria" for OEM of the offered products. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents shall be uploaded for evaluation by the buyer.

3. Bid reserved for Make In India products: : Procurement under this bid is reserved for purchase from Class 1 local suppliers (Class 1 local suppliers are those suppliers who are registered as 'Make in India' suppliers with the Government of India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned authorities. Only eligible micro and small enterprises will be allowed to participate. The minimum local content to qualify as a class 1 supplier must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at the time of 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 local content must be audited by a statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant. In case of Purchase preference to Make-in-India (MI) order 2017 dated 04.06.2020 . In case Buyer has selected Purchase preference to Make-in-India (MI) order 2017 dated 04.06.2020, the same will get precedence over this clause.

4. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in the Micro, Small and Medium Enterprises (MSME) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product and must not be excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Service

Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered (s) has/have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total QUANTITY. The buyer 18.05.2023 [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Public Procurement (Preference to Make in India) Order, 2017.

5. Reverse Auction would be conducted amongst all the technically qualified bidders except the Highest quoting bid not be allowed to participate in RA. However, H-1 will also be allowed to participate in RA in following cases:

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

Distribution Transformer, 3 Phase, 11 KV > 200 KVA Up To And Including 2500 KVA (2 pi

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

Technical Specifications/तकनीकी विशिष्टियाँ

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/विशिष्टि
STANDARDS	Energy efficiency level	1, 2, 3
	BEE Star Rating	1, 2, 3, 4, 5
	Installation, Testing and Demonstration	Yes . Including Civil work, Ye
	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)	11
	Nominal system voltage, LV (in V)	415
	Standard ratings (in kVA)	500
	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)	60, 75, 95
CONSTRUCTION	Core material	CRGO (as per IS:3024 latest)
	Conductor (Winding) material	Copper
	Type of Mounting	Pole Mounted, Ground Moun
	Noise level at rated voltage and frequency, Maximum (in dB)	45, 48, 51, 55
TRANSFORMER TANK	Transformer tank cover construction	Non-sealed, Bolted, Non-sea

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/विशिष्टि का नाम
	Tank configuration with	With radiator fins, With out r mm thick
	Material of transformer tank	Stainless steel, Mild Steel
	Minimum thickness of top and bottom material of transformer tank (in mm)	5, 6, 7, 8, 9, 10
	Minimum thickness of side material of transformer tank (in mm)	3.15, 4, 4.5, 5, 6
	Material of Bolts/Nuts/Wahers exposed to atmosphere	Stainless steel (for upto 12 m Galvanized (for above 12 m)
	Gaskets wherever used shall conform to	Type III (as per IS:11149) Ty
	Provision of conservator	Yes , for Non sealed type wit
Painting	Type of painting on inside of tank (hint: Refer Table 12 of IS:1180 (Pt.1):2014)	Varnish, Oil resistant paint
	Type of painting on External surface of tank (hint: Refer Table 12 of IS:1180 (Pt.1):2014)	Epoxy (Primer), Polyurethan
TAP CHANGER	Winding tapped	HV
	No. of positions (in Nos.)	7
	Voltage variation	+5% to -10% in steps of 2.5' variation of HV
TERMINAL ARRANGEMENT	Transformer fitted with bushings of appropriate voltage and curent ratings on HV side	Yes. 3 Nos. (Conforming to I
	Transformer fitted with bushings of appropriate voltage and curent ratings on LV side	Yes. 4 Nos. (Conforming to I
	Suitable provision for adoption of cables of suitable size on LV side	Yes. For PVC/XLPE Cables, N
	Cable End Box on HV side	Yes, No
	Cable End Box on LV side	Yes, No
MARKING	Material of rating plate	Anodized aluminium, Stainle
	Marking method on rating plate	Etching, Engraved, Stamped
	Rating and terminal marking plates combined into one plate	Yes, No
OPTIONAL FITTINGS	Suitable rating lightning arrestors	HT Side, 1 No. per phase, No
	Bird guard	Yes, No
	Terminal connectors	Yes, No
	Oil temperature indicator and widning temperature indicator	Yes, No
	Jacking pads	Yes for transformer above 10
	Buchholz relay	Yes, NoMagnetic oil level ga

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/विशिष्टि का नाम
	Magnetic oil level gauge with low oil level alarm contact	Yes for transformer above 10 MVA
	Non return valve	Yes, No
	Protection relay for sealed type transformers for internal parameters that is pressure, temperature, oil level and gas detection	Yes, No
	Unidirectional flat rollers	Yes, No
	Drain cum sampling valve	Yes with steel plug (for transformer)
	Self protection / disconnection devices	On secondary side (as per IS:93)
	Expulsion fuse as disconnection device	On Primary side (as per IS:93)
SERVICE CONDITION	Maximum altitude	<1000 m, <5000 m
TEST REPORTS & CERTIFICATIONS	Availability of type test reports to prove the conformity of the specification from	Central Govt. Lab (Govt. Of India)
	Agreed for stage Inspection as required by buyer	Yes
SPECIAL TEST REPORTS	Availability of test report for Determination of sound level test	Yes, No
	Availability of test report for short circuit withstand test	Yes, No
	Availability of test report for No load current at 112.5 % Voltage	Yes, No
	Availability of test report for Paint adhesion test	Yes for 1 No., No
	BDV and moisture content of oil in the transformer	Yes for 1 No., No
	Other requirements	Losses and Impedance value latest, Limits of temperature

Consignees/Reporting Officer/प्रेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र.सं.	Consignee Reporting/Officer/प्रेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा
1	Amolak Singh	486890,CENTRAL STORES, JAYANT COLLIERY, PO - JAYANT	2

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% of the contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contract contracted rates. Bidders are bound to accept the orders accordingly.

2. Generic

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

3. 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.

4. Generic

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

5. Generic

Experience Criteria: The Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured to any Central / State Govt Organization / PSU / Public Listed Company for 1 year before the bid opening date in support of having supplied some quantity during each of the year. In case of bunch bids, the primary bidder shall be responsible for providing the experience criteria.

6. Generic

Manufacturer Authorization: Wherever Authorised Distributors/service providers are submitting the bid, All Manufacturer 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 the invoice.

9. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

Distribution Transformer of 500 KVA, 11 KV/415 V DY 11. Total Qty: 02 No. - HQ

1.0 The Transformer should comply to the following technical requirements:

1.1 GENERAL:

1.1.1 Make of Transformer to be submitted with the offer, along with the technical specifications.

- 1.1.2 Out--door Type.
- 1.1.3 Core type double wound copper winding.
- 1.1.4 Conforming IS 1180-2014 & IS:2026-2011 with latest amendments.
- 1.1.5 Rating: 500 KVA, 11KV/415 V, 3 Phase
- 1.1.6 Type of Cooling: ONAN
- 1.1.7 Voltage Ratio: 11 KV/415 V .
- 1.1.8 Frequency: 50 Hz.
- 1.1.9 Vector Group: DYn-11.
- 1.1.10 Connection: HT/LT-Delta/Star
- 1.1.11 Rated BIL: 75 KVp
- 1.1.12 Tapping range 5 Steps (0,+/-2.5 %, +/-5 %) on HV side
- 1.1.13 Tap changing through externally operated switch with arrangement of pad locking.
- 1.1.14 Maximum temp. rise above ambient temp (50°C max).
 - a) Oil - 40° C above ambient (Max.)
 - b) Windings - 45° C above ambient (Max.)
- 1.1.15 Type of protection IP:55
- 1.1.16 Terminal Arrangements: Outdoor type cable entry box or gland suitable for PVC/XLPE double wire armoured cable.
- 1.1.17 (a) The maximum flux density in any part of the core as per relevant IS.
 (b) The transformer should conform to Energy Efficiency Level 2
 (c) Percentage Impedance at 75° C as per IS 1180 with latest amendments.
- 1.1.18 No load current shall not exceed 2 percent of the full load current.
- 1.1.19 Construction of Transformer Tank, conservator and Pain
- 1.1.20 Conformity of following Act/Rules.
 - a) Indian Electricity Act/Rules.
 - b) Indian Fire Rules.
- 1.1.21 Routine Test shall be carried out for each transformer as per IS 1180.
- 1.2 FOLLOWING FITTINGS WILL BE PROVIDED FOR EACH TRANSFORMER
- 1.2.1 Oil conservator with filling hole & drain cock.
- 1.2.2 Oil level indicator with min marking (flush type)
- 1.2.3 Dehydrating silica gel breather.
- 1.2.4 Lifting lugs.
- 1.2.5 Two earthing terminal with symbol.
- 1.2.6 Drain-cum-sampling valve with plug.
- 1.2.7 Provision of Two Nos. suitably sized channel under the base of tank.
- 1.2.8 Rating and terminal marking plate.
- 1.2.9 First fill of oil as per IS:335-1993
- 1.2.10 Thermometer pocket.
- 1.2.11 Separate temperature meter for Oil and Winding should be provided.

- 1.2.12 Explosive vent with air release device
- 1.2.13 Buchholz Relay
- 1.2.14 Any other item(s) not specified above, but required for smooth operation is to be included in the scope.
- 1.3 SUBMISSION WITH EACH TRANSFORMER AT THE TIME OF SI
- 1.3.1 Dimensional drawing. (To be submitted and match make)
- 1.3.2 Technical Literature/Leaflet. (To be submitted and match make)
- 1.3.3 Routine Test shall be carried out for each transformer as per IS.
- 1.3.4 Manufacturers test certificates as per IS.
- 1.3.5 Installation, operation & maintenance manual. (To be submitted)

10. 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 solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof in process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled at any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to extant policy.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category restriction.
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 [attaches](#) procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying.
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, he/she is required to raise the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller. Seller is 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 से 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 is not 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 treated as a violation of 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 प्र 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 स

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---
