

Contract



Contract No: GEMC-511687737097242

Generated Date: 15-Sep-2022

Bid/RA/PBP No.: [GEM/2022/B/2069500](#)

Organisation Details	Buyer Details
Type: Central PSU	Designation: Assistant Manager
Ministry: Ministry of Coal	Contact No.: 62876-95937-
Department: Materials Management	Email ID: buyer9.bccl.dhn@gembuyer.in
Organisation Name: Bharat Coking Coal Limited	GSTIN: 20AAACB7934MFZB
Office Zone: Bccl Dhanbad	Address: MM Department, level 3, Commercial Building, Koyla Bhawan, Koyla Nagar, DHANBAD, JHARKHAND-826005, India

Financial Approval Detail	Paying Authority Details
IFD Concurrence: Yes	Payment Mode: Offline
Designation of Administrative Approval: GM MM	Designation: HOD Purchase Finance
Designation of Financial Approval: HOD(F)MM	Email ID: pao5.bccl.jh@gembuyer.in
	GSTIN: N
	Address: MM Department, level 3, Commercial Building, Koyla Bhawan, Koyla Nagar, DHANBAD, JHARKHAND-826005, India

Seller Details	
GeM Seller ID:	A5E6180000647626
Company Name:	MIRZAPUR ELECTRICAL INDUSTRIES LTD.
Contact No.:	09839458538
Email ID:	agrosos@gmail.com
Address:	MEI,Dankeenganj,Sadar,Dankeenganj, Mirzapur, UTTAR PRADESH-231001, -
MSME verified:	Yes
MSME Registration number:	UP57B0000984
MSE Social Category:	General
MSE Gender:	Male
GSTIN:	09AABCM6851B1ZM

*GST / Tax invoice to be raised in the name of - Consignee

Product Details						
#	Item Description	Ordered Quantity	Unit	Unit Price (INR)	Tax Bifurcation (INR)	Price (Inclusive of all Duties and Taxes in INR)
1	Product Name : AGROSONS Distribution Transformer, 3 Phase, 11 KV, > 200 KVA Up to and including 2500 KVA Brand : AGROSONS Brand Type : Registered Brand Catalogue Status : OEM verified catalogue Selling As : OEM Category Name & Quadrant : Distribution Transformer, 3 Phase, 11 KV, > 200 KVA Up to and including 2500 KVA (Q3) Model: Distribution Transformer, 3 Phase, 11 KV, > 200 KVA Up to and including 2500 KVA (Q3) HSN Code: 85042200	3	pieces	1,333,400	NA	4,000,200
Total Order Value (in INR)						4,000,200

Consignee Detail						
S.No	Consignee	Item	Lot No.	Quantity	Delivery Start After	Delivery To Be Completed By
1	Designation: - Email ID: con1.bccl.jh@gembuyer.in Contact: 62876-95727- GSTIN: 20AAACB7934MFZB Address: Depot Officer, Central Store, Ekra, BCCL, Post Office- BANSJORA, Dhanbad, Jharkhand-828101., DHANBAD, JHARKHAND-828101, India	AGROSONS Distribution Transformer, 3 Phase, 11 KV, > 200 KVA Up to and including 2500 KVA	-	3	15-Sep-2022	14-Dec-2022

Product Specification for AGROSONS Distribution Transformer, 3 Phase, 11 KV, > 200 KVA Up to and including 2500 KVA

Specification	Sub-Spec	Value
STANDARDS	Conformity of the specification	Conformity of the specification
	ISI Marked	Yes
	BIS License Number - Must declare	9300069715
	Energy efficiency level	2
	BEE Star Rating	1
	Installation, Testing and Demonstration	No
	Minimum warranty on receipt of stores (in Months)	30
	Minimum warranty from the date of installation (in Months)	24
RATINGS	Nominal system voltage, HV (in kV)	11
	Nominal system voltage, LV (in V)	415
	Standard ratings (in kVA)	1000
	Rated frequency	50 Hz +/-5%
	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 material	CRGO (as per IS:3024 latest)
	Conductor (Winding) material	Copper
	Insulating paper	Kraft Paper (as per IS:9335 latest)
	Vector Group	Dyn-11
	Type of Mounting	Ground Mounted
	Method of system earthing	solidly earthed
	Standard fittings shall be provided with each distribution transformer	as per Cl.20.1 of IS:1180 (Part 1):2014 Amdt.1
	Noise level at rated voltage and frequency, Maximum (in dB)	45
TRANSFORMER TANK	Transformer tank cover construction	Non-sealed, Bolted
	Tank configuration with	With radiator fins
	Type of cooling	ONAN
	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)	3.15
	Material of Bolts/Nuts/Wahers exposed to atmosphere	Stainless steel (for upto 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
	Insulating Oil	Mineral oil (as per IS:335 latest)
	Quantity of Insulation oil required (in litres) - Must declare	660
	Transformer to be supplied with transformer oil	Yes
	Shape of transformer tank	Rectangular
	Pressure and Vacuum requirements	as per Cl.15.2 of IS:1180 (Part 1):2014 latest
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)	Epoxy (Primer)
TAP CHANGER	Tap changing arrangement	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)
	Transformer fitted with bushings of appropriate voltage and current ratings on LV side	Yes. 4 Nos. (Conforming to IS:7421)
	Suitable provision for adoption of cables of suitable size on LV side	No
	Cable End Box on HV side	Yes
	Cable End Box on LV side	Yes
AIR CLEARANCE	Minimum External air clearances between bushings mounted on transformers	as per Table 10 of IS:1180 (Part 1):2014 latest
	Minimum air clearances in cable box	as per Table 11 of IS:1180 (Part 1):2014 latest
	Suitable bimetallic connectors (clamp type) shall be provided on both HV and LV side in order to ensure sound and robust connection	Not applicable
MARKING	Material of rating plate	Anodized aluminium
	Marking method on rating plate	Engraved
	Rating and terminal marking plates combined into one plate	Yes
	Dimension of Rating Plate, Terminal Marking Plate and Combined Rating and Terminal Plate	as per OEM Specn.
	Agreed to provide Departmental Logo/Identification marking (shall be engraved on the transformer) as prescribed by buyer separately	Yes
OPTIONAL FITTINGS	Suitable rating lightning arrestors	No
	Bird guard	No
	Terminal connectors	No
	Oil temperature indicator and winding temperature indicator	Yes
	Jacking pads	No
	Buchholz relay	Yes
	Magnetic oil level gauge with low oil level alarm contact	No
	Non return valve	No
	Protection relay for sealed type transformers for internal parameters that is pressure, temperature, oil level and gas detection	No
	Unidirectional flat rollers	Yes
	Drain cum sampling valve	Yes with steel plug (for transformers upto 500 KVA)
	Self protection / disconnection devices	On secondary side (as per IS/IEC:60947-2:2003
	Expulsion fuse as disconnection device	On Primary side (as per IS:9385 (Part 2):1980
SERVICE CONDITION	Maximum ambient air temperature (in deg. C)	50
	Minimum ambient air temperature (in deg. C)	-5
	Maximum average daily ambient air temperature (in deg. C)	40
	Maximum yearly weighted average ambient temperature (in deg. C)	32
	Min. Relative humidity (in %)	26
	Max. Relative humidity (in %)	95
	Max. Wind Pressure kg/sq.m	150
	Maximum altitude	<1000 m
TEST REPORTS & CERTIFICATIONS	Availability of type test reports to prove the conformity of the specification from	NABL Accrediated
	Agreed to furnish type test reports to the buyer / consignee on demand	Yes
	Agreed to furnish routine test reports to the buyer / consignee on demand	Yes
	Agreed to furnish valid BIS Licence certificate to buyer / consignee on demand	Yes
	Agreed to furnish valid Energy Star Rating certificate to buyer / consignee on demand	Yes
	Agreed to furnish complete drawings of Distribution transformer to the buyer / consignee on demand	Yes
	The design calculation in support of flux density shall furnish to the buyer / consignee	Yes
	Agreed for stage Inspection as required by buyer	Yes

	The product shall comply with all relevant Gazette notifications of Govt., of India with all latest amendments up to date, as applicable	Yes
SPECIAL TEST REPORTS	Availability of test report for Determination of sound level test	No
	Availability of test report for short circuit withstand test	No
	Availability of test report for No load current at 112.5 % Voltage	No
	Availability of test report for Paint adhesion test	No
	BDV and moisture content of oil in the transformer	No
	Other requirements	Losses and Impedance values as per Cl.7.8 and Table 6 of IS:1180 (Part 1):2014 latest

Buyer Defined Additional Specification for AGROSONS Distribution Transformer, 3 Phase, 11 KV, > 200 KVA Up to and including 2500 KVA

Specification	Value
Offered Transformer shall be BIS Marked & Copy of Valid BIS License as per IS 1180 shall be uploaded with bid.	Yes
Copy of Type test reports (Lighting Impulse, Short Circuit and Temperature rise) as per relevant IS shall be uploaded along with bid.	Yes
Copy of Past supply Order copy along with satisfactory performance certificate (of not less than one year from the date of Commissioning) shall be uploaded with bid. MSE may be exempted as per PP Policy.	Yes
A declaration shall be uploaded with bid that bidder will submit Valid BIS License, Type test certificate, Routine test certificates, GTP, Drawing, Circuit diagram, spare parts list etc. along with supply of transformers.	Yes
Supervision during installation and commissioning.	Yes

Terms and Conditions

1. General Terms and Conditions-

- 1.1** This contract is governed by the [General Terms and Conditions](#), conditions stipulated to this Product/Service as provided in the Marketplace.
- 1.2** This Contract between the Seller and the Buyer, is for the supply of the Goods and/ or Services, detailed in the schedule above, in accordance with the General Terms and Conditions (GTC) unless otherwise superseded by Goods / Services specific Special Terms and Conditions (STC) and/ or BID/Reverse Auction Additional Terms and Conditions (ATC), as applicable

2. Buyer Added Bid Specific Terms and Conditions-

2.1 Scope of Supply:

Scope of supply (Bid price to include all cost components) : Only supply of Goods

2.2 Purchase Preference (Centre):

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% 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 percentage of 25% of total value.

2.3 Certificates:

The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.

2.4 Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

Pre-dispatch Inspection shall be done by nominated agency of BCCL i.e. Central Mine Planning & Design Institute Ltd (CMPDIL) Ranchi / their Regional Office (for details visit www.cmpdi.co.in). Inspection fee @ 1% of total consignment billing (plus statutory levis like GST etc. as applicable on inspection fee) is to be paid to CMPDIL along with inspection call letter payable by SBI Collect by seller. The price is to be quoted by the seller inclusive of inspection fees. Minimum 7 calendar days notice shall be given by the manufacturer to CMPDIL for arranging inspection within valid delivery period as per contract. (The clause is already attached in the Buyer uploaded ATC document of ATC section of the Bid.

2.5 Buyer Added Bid Specific ATC

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

Note: This is system generated file. No signature is required. Print out of this document is not valid for payment/ transaction purpose.