

Bid Document

Bid Details	
Bid End Date/Time	30-05-2022 14:00:00
Bid Opening Date/Time	30-05-2022 14:30:00
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Ministry Of Heavy Industries And Public Enterprises
Department Name	Department Of Heavy Industry
Organisation Name	Bharat Heavy Electricals Limited (bhel)
Office Name	10020009-cffp Haridwar
Total Quantity	1
Item Category	FF8515240076 SUPPLY OF OLTC TO REPLACE BHEL MAKE OLTC OF TYPE VIII 200D AS PER SPECIFICATION (Q3)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Certificate (Requested in ATC),Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC) *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
Bid to RA enabled	Yes
RA Qualification Rule	50% Lowest Priced Technically Qualified Bidders
Time allowed for Technical Clarifications during technical evaluation	2 Days
Evaluation Method	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	Yes
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MSE Purchase Preference

MSE Purchase Preference	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 .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 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.

3. 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.

FF8515240076 SUPPLY OF OLTC TO REPLACE BHEL MAKE OLTC OF TYPE VIII 200D AS PER SPECIFICATION (1 pieces)**(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)**

Brand Type	Unbranded
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Technical Specifications

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Pramod Kumar Mishra	249403,Central Foundry Forge Plant, BHEL, Ranipur, Haridwar	1	60

Buyer added Bid Specific Additional Scope of Work

S.No.	Document Title	Description	Applicable i.r.o. Items
1	SPECIFICATION View	SPECIFICATION	FF8515240076 SUPPLY OF OLTC TO REPLACE BHEL MAKE OLTC OF TYPE VIII 200D AS PER SPECIFICATION(1)
2	ITEM DETAILS (ANNEXURE-I) View	ITEM DETAILS (ANNEXURE-I)	FF8515240076 SUPPLY OF OLTC TO REPLACE BHEL MAKE OLTC OF TYPE VIII 200D AS PER SPECIFICATION(1)
3	PRE QUALIFICATION CRITERIA (PQC) View	PRE QUALIFICATION CRITERIA (PQC)	FF8515240076 SUPPLY OF OLTC TO REPLACE BHEL MAKE OLTC OF TYPE VIII 200D AS PER SPECIFICATION(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**1. 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 %.

2. 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.

d. Copy of EFT Mandate duly certified by Bank.

3. **Generic**

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

4. **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.

5. **Scope of Supply**

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

6. **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.

7. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

1) Supplier to submit, Test certificate, relevant drawings, O&M Manual of the OLTC.

2) Guarantee to be provided by the supplier for 18 months from the date of delivery and 12 months from the date of installation, whichever is earlier.

3) Final inspection will be done at CFFP store.

4) Delivery Schedule: 60 days from PO date

5) Early delivery acceptable.

6) Offer to be submitted in compliance with attached (Specification, Annexure-I & Pre-Qualification Criteria (PQC)).

7) Payment Terms: Payment Terms: 100 % payment shall be made within 45/60/90 days (as per below mentioned table) of receipt of material at CFFP through e-payment, subject to acceptance of material and submission of all documents, complete in all respects.

Type of bidder	Payment Term (Number of days)
Micro and Small Enterprises (MSEs)	45 days
Medium Enterprises	60 days
No MSME	90 days

8) Acceptance Criteria: As per Specification no. FF-11008.

9) Risk Purchase: In case of delayed/defective supplies or non- fulfilment of any other terms & conditions given in the Purchase Order, the purchaser may cancel the purchase order in full or part thereof and may also make the purchase of such material at the risk & cost of supplier. In case of non-agreement of this term your offer shall not be considered.


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 specification 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.

[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---

DATE/ दिनांक 27/04/2022		क्रय विनिर्देश सी.एफ. एफ.पी हरिद्वार PURCHASE SPECIFICATION (CFPP - HARDWAR)	FF-11008 Rev 00
			पृष्ठ 3 का 1 Page 1 of 3

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SPECIFICATION FOR ON-LOAD TAP CHANGER TO REPLACE BHEL MAKE TYPE-VIII 200D OLTC

कॉपीराइट और गोपनीय

इस दस्तावेज की जानकारी भारत हेवी इलेक्ट्रिकल लिमिटेड की संपत्ति है। इसका प्रत्यक्ष या परोक्ष रूप से किसी भी तरह से कंपनी के हित के लिए हानिकारक उपयोग नहीं किया जाना चाहिए

अनुवादक	TRANSLATED BY				
निर्माणकर्ता	WORKED BY	विनीत कुमार	Vineet Kumar	उप अभियंता Dy. Engr.	27/04/22 विनीत
जाँचकर्ता	CHECKED BY	मनीष पाठक	Manish Pathak	प्रबंधक Mgr.	27/04/22 मनीष
पर्यवेक्षणकर्ता	SUPERVISED BY	अनुराग कुमार कुशवाह	A K Kushwah	उप महाप्रबंधक DGM	27/4/22 A.K. Kushwah
स्वीकृत	APPROVED BY	सुरेन्द्र कुमार	Surendra Kumar	अपर महाप्रबंधक AGM	27/04/2022 S. Surendra Kumar
		नाम NAME		पदनाम Designation	दिनांक DATE हस्ताक्षर SIGNATURE

निर्माण : अनुरक्षण एवं सेवाएँ
PREPARED : M&S

निर्गत : अनुरक्षण एवं सेवाएँ
ISSUED : MAINTENANCE & SERVICES

दिनांक : 27/04/2022
DATE : 27/04/2022



संस्थान क्रय विनिर्देश

सी.एफ.एफ.पी हरिद्वार

PLANT PURCHASE SPECIFICATION (CFFP - HARDWAR)

FF-11008 Rev 00

पृष्ठ 3 का 2

Page 2 of 3

SPECIFICATIONS FOR OLTC TO REPLACE BHEL MAKE OLTC TYPE-VIII 200 D

Scope of Work:

1. Supply of On-load Tap Changer (OLTC) to replace BHEL Make OLTC of Type VIII 200D installed on BHEL Make Transformer rated 25MVA, 132/11 KV as per following details: -

- Present OLTC Make : BHEL
- Present OLTC Type : VIII 200 D/ 110/ 10193W/ 5.79 Ohms

The scope of supply consists of complete OLTC including contact cylinder, diverter assembly, gearing mechanism and head cover without MA7 Drive unit.

2. Supervision for installation of Tap changer including suitable to site modifications if any, will be in scope of supplier.
3. Supervision for testing of Transformer by the supplier after installation of Tap changer at CFFP, BHEL – Haridwar.
4. Details of Transformer in which the OLTC to be installed are as below (for supplier's reference): -

S.N.	Particulars		S.N.	Particulars	
1.	Type	Power Transformer	13.	Vector Symbol (HV-LV)	Yyo
2.	Make	BHEL Bhopal	14.	Year of Manufacture	1976
3.	Type of Cooling	ONAF	15.	Temp. Rise Oil	45 deg C
4.	Rated Power	25/16.25 MVA	16.	Temp. Rise Winding	55 deg C
5.	Voltage HV	132 KV	17.	Insulation Level	HV 550 kvp FW
6.	Voltage LV	11 KV	18.		LV 75 kvp RMS
7.	Voltage SV	6.6 KV	19.		SV 22 kv RMS
8.	Line Amperes HV	109.4	20.		HVN 38 kv RMS
9.	Line Amperes LV	1312.2	21.	Core & Winding	34090 Kg

निर्माणकर्ता WORKED BY	VINEET KUMAR (DY. ENGR., CDS)	विवरण 27/04/22	स्वीकृति : संस्थान मानक समिति
जाँचकर्ता CHECKED BY	MANISH PATHAK (MGR., CDS)	मनीष 27/04/22	APPROVED : PLANT STANDARDS COMMITTEE
		निर्माण : अनुरक्षण एवं सेवाएँ PREPARED : M&S	निर्गत अनुरक्षण एवं सेवाएँ ISSUED : M&S
			दिनांक : 27/04/2022 DATE : 27/04/2022



संस्थान क्रय विनिर्देश

सी.एफ.एफ.पी हरिद्वार

PLANT PURCHASE SPECIFICATION (CFFP - HARDWAR)

FF-11008 Rev 00

पृष्ठ 3 का 3

Page 3 of 3

10.	Phase	3	22.	Weight of Oil	21900 Kg
11.	Frequency	50 Hz	23.	Total Weight	78400 Kg
12.	Impedance Volts %	10 / 6.5	24.	Oil Quantity	25850 Ltrs

Tap Position details: -

Tap Position	Lead Joined	HV		LV	
		Line Voltage KV	Line Amperes	Line Voltage KV	Line Amperes
1	N-1, 9-10	145.20	99.41	11.0	1312.20
2	N-2, 9-10	143.55	100.55		
3	N-3, 9-10	141.90	101.72		
4	N-4, 9-10	140.25	102.92		
5	N-5, 9-10	138.60	104.14		
6	N-6, 9-10	136.95	105.40		
7	N-7, 9-10	135.30	106.68		
8	N-8, 9-10	133.65	108.00		
9	N-10, 9-10 9-11	132.00	109.35		
10	N-1, 9-11	130.35	110.73		
11	N-2, 9-11	128.70	112.15		
12	N-3, 9-11	127.05	113.61		
13	N-4, 9-11	125.40	115.11		
14	N-5, 9-11	123.75	116.64		
15	N-6, 9-11	122.10	118.22		
16	N-7, 9-11	120.45	119.84		
17	N-8, 9-11	118.80	121.50		

5. Guarantee to be provided by the supplier for 18 months from date of delivery and 12 months from date of Installation, whichever is earlier.
6. Supplier to submit Test certificates, relevant drawings and O&M Manual of the OLTC.
7. Final inspection shall be carried out at CFFP, BHEL- Haridwar.
8. Acceptance Criteria: Successful on-load trial operation of 72 hrs at different Tap positions.

निर्माणकर्ता WORKED BY	VINEET KUMAR (DY. ENGR., CDS)	<i>विनीत</i> 27/04/22	स्वीकृति : संस्थान मानक समिति APPROVED : PLANT STANDARDS COMMITTEE
जाँचकर्ता CHECKED BY	MANISH PATHAK (MGR., CDS)	<i>मनीष</i> 27/04/22	निर्माण : अनुरक्षण एवं सेवाएँ PREPARED : M&S
			निर्गत अनुरक्षण एवं सेवाएँ ISSUED : M&S
			दिनांक : 27/04/2022 DATE : 27/04/2022

PRE QUALIFICATION CRITERIA (PQC) for On Load Tap Changer (OTLC)

SL. NO	DESCRIPTION	INSTRUCTION	SUPPLIER'S RESPONSE
1	Supplier must be a On Load Tap Changer (OLTC) manufacturer or authorized dealer/distributor	Enclose relevant supporting documents	
2	Supplier shall have successfully supplied & commissioned OLTC for minimum of 16 MVA/132 KV capacity transformer during last 5 year ending on due date of tender opening. PO/WO date will be counted for time period calculation	Enclose reference purchase order (P.O.)/Work order (WO) copy along with commissioning report/certificate and invoice copy.	

Bidder to submit duly signed & stamped copy of this document along with the offer.

Item details:

S. No.	Item Description	Offered Item as per Description	Remark	Offer submitted in line with delivery requirement of tender.
1	Material Code: FF8515240076 SUPPLY OF OLTC TO REPLACE BHEL MAKE OLTC OF TYPE VIII 200D AS PER SPECIFICATION NO. FF-11008 SIZE: SPECIFICATION NO FF-11008			

Kindly submit duly signed and stamped copy of this document, along with offer.