



BHEL
Tenders

Government eProcurement System

Tender Details

Date : 06-Jun-2022 10:42 AM

Print

Basic Details

Organisation Chain	Bharat Heavy Electricals Limited CFFP - Haridwar CFFP		
Tender Reference Number	202200211		
Tender ID	2022_BHEL_13445_1		
Tender Type	Open Tender	Form of contract	Buy
Tender Category	Goods	No. of Covers	2
General Technical Evaluation Allowed	No	ItemWise Technical Evaluation Allowed	No
Payment Mode	Not Applicable	Is Multi Currency Allowed For BOQ	No
Is Multi Currency Allowed For Fee	No	Allow Two Stage Bidding	No

Cover Details, No. Of Covers - 2

Cover No	Cover	Document Type	Description
1	Fee/PreQual/Technical	.pdf	Techno Commercial Bid
		.pdf	Specification
		.pdf	Pre Qualification Criteria (PQC)
2	Finance	.xls	Price Bid (BOQ)

Tender Fee Details, [Total Fee in ₹ * - 0.00]

Tender Fee in ₹	0.00		
Fee Payable To	Nil	Fee Payable At	Nil
Tender Fee Exemption Allowed	No		

EMD Fee Details

EMD Amount in ₹	0.00	EMD through BG/ST or EMD Exemption Allowed	No
EMD Fee Type	fixed	EMD Percentage	NA
EMD Payable To	Nil	EMD Payable At	Nil

[Click to view modification history](#)

Work /Item(s)

Title	Power Distribution Board				
Work Description	Power Distribution Board				
Pre Qualification Details	As per attached documents				
Independent External Monitor/Remarks	NA				
Show Tender Value in Public Domain	Yes				
Tender Value in ₹	5,00,000	Product Category	Electrical Work/ Equipment	Sub category	NA
Contract Type	Tender	Bid Validity(Days)	90	Period Of Work (Days)	120
Location	CFFP BHEL HARIDWAR STORES	Pincode	249403	Pre Bid Meeting Place	NA
Pre Bid Meeting Address	NA	Pre Bid Meeting Date	NA	Bid Opening Place	ONLINE TENDER
Should Allow NDA Tender	No	Allow Preferential Bidder	No		

Critical Dates			
Publish Date	06-Jun-2022 02:00 PM	Bid Opening Date	18-Jun-2022 04:00 PM
Document Download / Sale Start Date	06-Jun-2022 02:05 PM	Document Download / Sale End Date	18-Jun-2022 11:30 AM
Clarification Start Date	NA	Clarification End Date	NA
Bid Submission Start Date	06-Jun-2022 02:10 PM	Bid Submission End Date	18-Jun-2022 11:30 AM

Tender Documents

NIT Document	S.No	Document Name	Description	Document Size (in KB)	
	1	Tendernotice_1.pdf	Techno Commercial Bid	507.04	
	2	Tendernotice_2.pdf	Pre Qualification Criteria (PQC)	322.96	
	3	Tendernotice_3.pdf	Specification	1219.39	
Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	BOQ	BOQ_14217.xls	Price Bid (BOQ)	344.00

Bid Openers List

S.No	Bid Opener Login Id	Bid Opener Name	Certificate Name
1.	rajesh.kur@bhel.in	Rajesh Kumar	RAJESH KUMAR
2.	hkjena@bhel.in	Hemant Kumar Jena	HEMANTA KUMAR JENA
3.	aktailor@bhel.in	Amit Kumar Tailor	AMIT KUMAR TAILOR
4.	arpitg@bhel.in	Arpit Gupta	ARPIT GUPTA

GeMARPTS Details

GeMARPTS ID	LEGKS5NLVNNI
Description	Power Distribution board
Report Initiated On	01-Jun-2022
Valid Until	01-Jul-2022

Tender Properties

Auto Tendering Process allowed	No	Show Technical bid status	Yes
Show Finance bid status	Yes	Show Bids Details	Yes
BoQ Comparative Chart model	Normal	BoQ Compative chart decimal places	3
BoQ Comparative Chart Rank Type	L	Form Based BoQ	No

Tender Inviting Authority


Name	VINAY KUMAR SINGH
Address	PURCHASE DEPARTMENT, CFFP BHEL HARIDWAR- U.K.

Tender Creator Details

Created By	Arpit Gupta
Designation	Deputy Manager
Created Date	03-Jun-2022 04:33 PM

PRE QUALIFICATION CRITERIA (PQC) FOR POWER DISTRIBUTION BOARD

SL NO	DESCRIPTION	INSTRUCTION	SUPPLIER'S REMARK
1	Supplier must be a Power Distribution Board (PDB) manufacturer or authorized dealer/distributor	Enclose relevent supporting documents	

DATE/ दिनांक 16/02/2022		क्रय विनिर्देश	FF-11003 Rev 00
		सी.एफ.एफ.पी हरिद्वार PURCHASE SPECIFICATION (CFFP - HARDWAR)	पृष्ठ 3 का 1 Page 1 of 3

COPYRIGHT AND CONFIDENTIAL
 The information on this document is the property of Bharat Heavy Electricals Limited. It must not be used directly or indirectly in any way detrimental to the interest of the company.

SPECIFICATION FOR POWER DISTRIBUTION PANEL OF 400 A, 415 V, 3 PHASE, 4 WIRE SYSTEM

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

अनुवादक	TRANSLATED BY				
निर्माणकर्ता	WORKED BY	कपिल मुनी सिंह Kapil Muni Singh	उप अभियंता Dy. Engr.	16/02/22	कपिल
जाँचकर्ता	CHECKED BY	मनीष पाठक Manish Pathak	प्रबंधक Mgr.	16/02/22	मनीष
पर्यवेक्षणकर्ता	SUPERVISED BY	अनुराग कुमार कुशवाह A K Kushwah	उप महाप्रबंधक DGM	16/2/22	अनुराग
स्वीकृत	APPROVED BY	सुरेन्द्र कुमार Surendra Kumar	अपर महाप्रबंधक AGM	17/02/2022	सुरेन्द्र कुमार
		नाम NAME	पदनाम Designation	दिनांक DATE	हस्ताक्षर SIGNATURE

निर्माण : अनुरक्षण एवं सेवाएँ PREPARED : M&S	निर्गत : अनुरक्षण एवं सेवाएँ ISSUED : MAINTENANCE & SERVICES	दिनांक : 16/02/2022 DATE : 16/02/2022
-------------------------------------------------	-----------------------------------------------------------------------------------	------------------------------------------



संस्थान क्रय विनिर्देश

सी.एफ.एफ.पी हरिद्वार

PLANT PURCHASE SPECIFICATION (CFFP - HARDWAR)

FF-11003 Rev 00

पृष्ठ 3 का 2

Page 2 of 3

1. The Power Distribution Board (PDB) should consist of MCCBs (of only specified makes) housed in a sheet steel enclosure of thickness not less than 2 mm suitable for three phase four wire system.
2. PDB should be painted first with corrosion resistant paint and then with industrial grade grey paint and contain base frame suitable for floor mounting.
3. The frame is to be provided with proper sealing against rodent/ reptile entry.
4. The backside of the PDB should be provided with openable Door/ Doors.
5. The PDB is to be designed to accommodate following aluminum cables and feeders: -
 - a. 01 Nos. 3.5C X 300 mm² cable for Incomers of 400 A.
 - b. 03 Nos. 3.5C X 240 mm² cable for 03 outgoing feeders of 250A each.
 - c. 03 Nos 3.5C X 150 mm² cable for 03 outgoing feeders of 200A each.
6. The PDB should have provision for entry of all the cables through detachable plates at the bottom.
7. The PDB should be provided with Earthing bus bar and should have provision for natural air cooling arrangement with dust filter.
8. All the bus bars should contain sleeves with heat shrunk PVC as per standard colour coding i.e. Red, Yellow and Blue for phases and Black for Neutral.
9. Warranty/Guarantee should be provided of minimum one year.
10. Manufacturer Test Certificate of MCCB's should be provided with dispatch documents.
11. Complete layout/wiring diagram of the panel should be Submitted to CFFP BHEL in one go for approval before manufacturing of the panel. CFFP BHEL will Approve Drawings within a week. Part/Incomplete drawings/documents will not be accepted and any delay due to thereof will be on vendors account.

निर्माणकर्ता WORKED BY	KAPIL MUNI SINGH (DY. ENGR., CDS)	कपिल 16/02/22	स्वीकृति : संस्थान मानक समिति APPROVED : PLANT STANDARDS COMMITTEE
जाँचकर्ता CHECKED BY	MANISH PATHAK (MGR., CDS)	मनीष 16/02/22	निर्माण : अनुरक्षण एवं सेवाएँ PREPARED : M&S
			निर्गत अनुरक्षण एवं सेवाएँ ISSUED : M&S
			दिनांक : 16/02/2022 DATE : 16/02/2022



संस्थान क्रय विनिर्देश

सी.एफ.एफ.पी हरिद्वार

PLANT PURCHASE SPECIFICATION (CFFP - HARDWAR)

FF-11003 Rev 00

पृष्ठ 3 का 3

Page 3 of 3

The PDB should have the following items:

A) INCOMING FEEDER DETAIL

S.NO.	ITEM	QTY
01	4 Pole, 415 Volts, 400A Moulded Case Circuit Breaker (MCCB) unit of breaking capacity at least 36 KA with indicating LED, in-built Under Voltage, Over Voltage & Earth fault protection.	01 No.
02	Analog Voltmeter with selector switch: 0-500 V	01 Nos
03	Analog Ammeter with selector switch: 0-400 A	01 No
04	Digital Energy meter	01 No
05	Phase live & ON/OFF indicator, High luminosity LEDs	05 Nos
06	Fuse-2A with base (for Voltmeter, Ammeter & phase live indicators)	09 Nos
07	Current Transformer of ratio 400/5A	03 Nos

B) OUTGOING FEEDER DETAIL

S.NO.	ITEM	QTY
01	4 Pole, 415 Volts, 250A Moulded Case Circuit Breaker (MCCB) with in-built Under Voltage, Over Voltage & Earth fault protection.	03 No
02	4 Pole, 415 Volts, 200A Moulded Case Circuit Breaker (MCCB) with in-built Under Voltage, Over Voltage & Earth fault protection.	03 No
03	ON/OFF indicator, High luminosity LEDs	12 Nos

Preferable make of items:

S.No.	ITEM	MAKE/ DESCRIPTION
01	MCCBs	L&T/SIEMENS/Schneider/ ABB
02	Current Transformers	KAPPA/AE/ENG ELECTRIC
03	Bus Bars	Aluminium
04	Ammeter selector switch	L&T/SIEMENS/KAYCEE/Schneider
05	Digital Energy Meter	Conzerv/Schneider/L&T/ABB

निर्माणकर्ता WORKED BY	KAPIL MUNI SINGH (DY. ENGR., CDS)	स्वीकृति : संस्थान मानक समिति APPROVED : PLANT STANDARDS COMMITTEE
जाँचकर्ता CHECKED BY	MANISH PATHAK (MGR., CDS)	निर्माण : अनुरक्षण एवं सेवाएँ PREPARED : M&S
		निर्गत अनुरक्षण एवं सेवाएँ ISSUED : M&S
		दिनांक : 16/02/2022 DATE : 16/02/2022



BHARAT HEAVY ELECTRICALS LIMITED
CENTRAL FOUNDRY FORGE PLANT
Purchase Department (Materials Management)
Ranipur, Haridwar-249403 (Uttarakhand)

Tender Reference No.	Tender ID:2022_BHEL_13445_1
Item Description	Power Distribution Board
Vendor Name	
Quotation Reference No.	
Currency	INR

Techno –Commercial Bid Details

S. No.	Description	Vendor Remarks
1.	Dispatch mode (Road/Rail/Air/Sea)	
2.	Origin of Dispatch	
3.	Validity of the Offer (90 Days Min. excluding tender opening date)	
4.	Prices shall be firm till execution of Order	
5.	PAYMENT TERMS: (Standard payment term is: 100% within 45 days after receipt subject to acceptance of material at CFFP / BHEL, Haridwar through e-payment. In case other payment term is quoted by vendor, proper loading shall be done. Base rate of SBI (as applicable on the date of bid opening: Techno commercial bid opening in case of two part bids) + 6%, shall be considered for loading for the period of relaxation sought by bidders.)	Agreed / comments
6.	ORDER TO BE PLACED ON	
7.	Delivery Schedule: 120 days from PO date. Early delivery is also acceptable.	Agreed / comments
8.	Quantity variation – Not Applicable	
9.	Penalty for Late Delivery: The delivery of the goods shall be made strictly as per time limit specified in delivery schedule of purchase order, failure to supply within this period will make the supplier liable to penalty of 1/2 (half) percent of the price of the goods in arrears per week subject to a maximum of 10%. In case LD clause is not agreed for full 10%, mention same in text field for agreed %age. Your offer shall be loaded for the un-agreed part (out of 10%). If deviation in penalty for late delivery then please specify.	Agreed / comments
10.	Risk Purchase: In case of delayed/defective supplies or non- fulfillment 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.	Agreed / comments
11.	Splitting will be based on MSE clause 23 of General Terms & Condition: For Indian Bidders (Version February-2022, Rev: 08)	Agreed / comments
12.	CFFP/BHEL reserves the right to order part quantity.	Agreed / comments
13.	Final inspection shall be carried out after receipt of material at CFFP. However, CFFP reserves the right to pre Inspect the material at supplier works.	Agreed / comments



BHARAT HEAVY ELECTRICALS LIMITED
CENTRAL FOUNDRY FORGE PLANT
Purchase Department (Materials Management)
Ranipur, Haridwar-249403 (Uttarakhand)

Tender Reference No.	Tender ID:2022_BHEL_13445_1
Item Description	Power Distribution Board
Vendor Name	
Quotation Reference No.	
Currency	INR

14.	Guarantee/warrantee certificate is required for 12 months from the date of supply & acceptance of material at CFFP BHEL.	
15.	Test certificate is required.	
16.	Are you registered under MSE? If yes, please send the copy of Udyog Aadhar Memorandum or Udyam Certificate. Please provide the same	
17.	Is MSE owned by SC/ST. If yes, attach copy of certificate.	
18.	CONTACT PERSON NAME	
19.	CONTACT EMAIL ADDRESSES	
20.	CONTACT MOBILE NOS.	
21.	Delivery Terms (Door Delivery CFFP Stores)	
22.	Read attached general terms & condition	
23.	In case of any difference in conditions quoted above & elsewhere in the offer, terms quoted above shall be treated as final and binding on vendor.	
24.	<p>Tie Breaker Clause: In the course of evaluation, if more than one bidder happens to occupy L1 status, effective L1 will be decided by soliciting discounts from the respective L1 bidders.</p> <p>In case more than one bidder happens to occupy the L1 status even after soliciting discounts, the L1 bidder shall be decided by a toss/draw of lots, in the presence of the respective L1 bidder(s) or the representative(s).</p> <p>Ranking will be done accordingly. BHEL's decision in such situations shall be final and binding.</p>	
25.	All other terms & conditions not mentioned above, are as per General Terms & condition for Indian Bidders (Version February-2022, Rev: 08) .	
26.	For new vendors not registered with us, kindly furnish copy of following documents: a. Company Name and Address Proof. b. GST Number (Scan Copy of Acknowledgement) c. PAN Copy d. MSME Certificate (UAN, Udyam if Any) e. Bank certified EFT Mandate and cancelled cheque	
27.	Pre-dispatch inspection is required. Delivery period is inclusive of duration (days) needed for PDI.	
28.	Bidder to give intimation for PDI, at least 30 days before the scheduled delivery date.	



BHARAT HEAVY ELECTRICALS LIMITED
CENTRAL FOUNDRY FORGE PLANT
Purchase Department (Materials Management)
Ranipur, Haridwar-249403 (Uttarakhand)

Tender Reference No.	Tender ID:2022_BHEL_13445_1
Item Description	Power Distribution Board
Vendor Name	
Quotation Reference No.	
Currency	INR

29.	PDI shall be completed in 10 days from the date of intimation of PDI	
30.	Vendor must qualify the Pre-Qualification Criteria provided in tender enquiry.	
31.	Vendor must conform to the specification provided with tender enquiry.	

Note:

- 1) Bidder to give intimation for PDI well in advance, considering time to be taken for PDI & transportation time required for delivery of the material to CFFP BHEL Stores. Delivery period in inclusive of duration (days) needed for PDI.**
- 2) Offer to be submitted in compliance with Pre-Qualification Criteria (PQC) & Specification FF-11003 REV 00.**
- 3) E&C of Distribution Board shall be done by CFFP, BHEL.**

Unpriced Bid Details (to submitted with Techno Commercial Bid)

RFQ Item	1
Material Code	FF8517020472
Item Name	POWER DISTRIBUTION BOARD, 400A415V AC 50 HZ FOR BOILER HOUSESUBSTATION AS PER SPECIFICATION NO.FF-11003 REV 00
Enquired Quantity	1 No.
Offered Quantity	
Confirmation to supply the material as per BHEL CFFP Spec.	
Freight/ Unit	
Insurance/ Unit	
Packing/ Unit	
% GST	
Any other Charges	