

**BHARAT HEAVY ELECTRICALS LIMITED**

(A Govt. of India Undertaking)

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ELECTROPORCELAINS DIVISION

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PROF. C.N.R RAO CIRCLE, SCIENCE INSTITUTE

Grams : PORCELAIN

POST, Malleswaram, Bangalore - 560 012.

VENDOR'S COPY**REQUEST FOR QUOTATION.****TENDER REF. NO. & DATE****12301676 DATED 13.07.2019 DUE ON 27.07.2019**

Contact Person : Upender/Pradipta

Telephone : 080-22182342

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Quotation Deadline : 27.07.2019**Material Req'd By : As per SCC**

PLEASE SUBMIT WITHOUT OBLIGATION YOUR LOWEST QUOTATION (**IN SEALED COVER SUPERSCRIBED WITH REQ NO. & DUE DATE**) FOR THE FOLLOWING ITEMS SUBJECT TO CONDITIONS NOTED BELOW AND OVERLEAF, SO AS TO REACH US ON OR BEFORE 14.00 Hrs ON THE DUE DATE. LATE TENDERS ARE LIABLE TO BE REJECTED

Item	Material	Description	RQF Quantity	Unit
Drawing/Doc No & Version		Quot._Deadl.	Delivery date	
00010	ELCPJ070124	LT COPPER BUSDUCT 2500A,3W	2	Set
1 - 1				

Technical Particulars:

- 1) 415 V, 3phase 3wire Non-Segregated Phase LT Busduct (Indoor)
- 2) Operating Voltage: 440V, Maximum Voltage: 1.1 KV
- 3) current rating: 2500A
- 4) One minute dry withstand power frequency voltage (KV): 2.5
- 5) Air clearance: 25mm (P-P) & 19mm (P-E)
- 6) Busbar Material : Copper (With matt black paint and Tinned contact surfaces at Joints)
- 7) Enclosure Material : 3.0mm Aluminum , Exterior Powder coated:- RAL 5012, Interior:-Matt Black
- 8) Support Insulator : SMC
- 9) Fault Current: 50 KA for 1 Sec. and peak:-105KA
- 10) Ambient Temp.: 50 deg. C
- 11) Temp. Rise (Busbars): 40 deg. C
- 12) Temp. Rise (Enclosure): 20 deg. C
- 13) Ingress Protection: IP55
- 14) Earth Bus: Aluminium (2 x 50 x 6 mm)
- 15) Busduct support structure material: GI Hot dip galvanized
- 16) Space Heater assembly: 80W, 240VAC, 30-110deg C
- 15) Standard: IS-8623

Each set of busduct shall consist of following items

SL.NO	DESCRIPTION	UNIT	qty
1	2500A BUSDUCT	METER	6

- 1.VENDOR SHOULD QUOTE HSN CODE & APPLICABLE GST FOR ALL THE INDIVIDUAL LINE ITEMS.
- 2.RATE SHALL BE QUOTED IN BOTH WORDS & FIGURES. OTHERWISE WILL BE LIABLE FOR REJECTION
- 3.OFFERS RECEIVED AFTER DUE DATE WILL BE REJECTED.
- 4.OFFERS RECEIVED WITHOUT ENQUIRY NUMBER & DUE DATE SHALL ALSO BE REJECTED.
- 5.TERMS & CONDITIONS ATTACHED

Item	Material	Description	Quot._Deadl.	RQF Quantity	Unit
Drawing/Doc No & Version				Delivery date	
2	TINNED COPPER FLEXIBLES	2500A	SET (RYB)	2	
3	ADDTNL. HARDWARE ADAPTER BOX	2500A	SET	2	
4	RUBBER BELLOW	2500A	EA	2	
5	90DEG BEND HARDWARE FOR	2500A	EA	4	
6	SILICAGEL GEL BREATHER ASSEMBLY		EA	2	
7	SPACE HEATER AND THERMOSTAT		EA	2	
8	MARSHALLING BOX		EA	1	
9	BUSDUCT SUPPORT STRUCTURE		KG	200	

A. BIDDER MUST FURNISH THE UNIT PRICE OF EACH ITEM AS MENTIONED ABOVE.

B. The bus duct length SHALL BE measured between the tip of equipment flanges and along the centre line of the busduct including all accessories like bends, rubber bellows, adeptor box, etc.

C. The accessories (ONLY HARDWARE) are to be paid over and above the straight run length of the bus ducts. The cost of conductor shall be part of busduct length.

For BHARAT HEAVY ELECTRICALS LIMITED

Purchase Executive

IMPORTANT NOTE:

Considering the project execution schedule, all the bidders are requested to submit all the documents as per PQR and NIT along with their original offer only. Based on the documents submitted by the bidders along with their original offer, vendors shall be evaluated and qualified. No communication shall be done with bidders for submission of documents after Part-I opening date.