

REQUEST FOR QUOTATION - ONLINE BIDDING



BHARAT HEAVY ELECTRICALS LIMITED
Electronics Division
 PB No. 2606, Mysore Road Bangalore - 560026
INDIA

RFQ NUMBER:
NRJE000057

MMI:PU:RF:003

Please submit your lowest quotation subject to our terms and conditions attached for the material mentioned below. "Quotation to be submitted in E Procurement portal only"

(for all correspondence)
 Purchase Executive : IPPILI NIRANJAN
 Phone : 080 26998031
 Fax :
 E-mail: ippili@bhel.in

Sl No.	Description	Qty	Unit	Delivery qty	
1	TI0668090839 DDU Fan * HSN/SAC : 3921 Mfr Part No.- 4414 N Vendor - EBM-PAPST INDIA PRIVATE LIMITED DC axial compact fan, Nominal Voltage: 24V DC, Air Flow: 205 m3/hr, Type: 4414 N	184	NO	184	

Total Number of Items - 1








- 1.
- 2.

NOTES:

1. This RFQ is governed by:
 - a) INSTRUCTIONS TO BIDDERS/SELLERS and GENERAL CONDITIONS OF CONTRACT FOR PURCHASE available at <http://edn.bhel.com> (**RFQ-PO Terms & Conditions**)
 - b) Any other specific Terms and Conditions mentioned. of offers are required to furnish authorization letter for the same.
2. Tender Result can be viewed in the website.
- * The HSN/SAC no mentioned against the line items in the RFQ are indicative only.

For and On behalf of BHEL.

IPPILI NIRANJAN
 Control Equipment

		 A4-10	<h1>Pre-Qualification Criteria</h1>		TE/445/DDU/PQC-DC FAN Rev. : 00 Page : 01 of 01						
		<p><u>Introduction:</u></p> <p>These fans are being used for Electrical panels supplied by BHEL to Indian Railways. They are subjected to intense shock and vibration loads in service.</p>									
<p style="writing-mode: vertical-rl; transform: rotate(180deg);"> COPY RIGHT 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. </p>		<p><u>Clause:</u></p> <ol style="list-style-type: none"> Bidder should have a clean track record. i.e. the Bidder should not be under hold or blacklisted by any of the BHEL units / any Govt. of India PSU / Govt of India as on bid submission date. <u>Supporting Document:</u> A self-declaration shall be submitted by the Bidder along with the quotation. a) Bidder should have supplied fans to Electrical Panel directly to Indian Railways or indirectly to Indian Railways through Sub Vendors. <u>Supporting Document:</u> <ol style="list-style-type: none"> Proof of supply such as Invoice / P.O. copy shall be furnished with the Offer. (or) Bidders who have not supplied above fans earlier pshall be considered for only Development order and not for this tender. Development PO will be placed only if BHEL is satisfied with capability of vendor to manufacture this product. Vendor should have achieved minimum annual Turnover Rs 0.03 Cr during each of the last 3 years. <u>Supporting Document:</u> Certificate from Chartered Accountant in this regard should be submitted along with the offer It is preferred that the bidder is the manufacturer of this item. If the bidder is importing the item, then minimum value addition in India shall be 20%. Bidder to confirm this in the offer. Value addition less than 20% is not acceptable. <u>Supporting Document:</u> A self-declaration shall be submitted by the Bidder along with the quotation. Vendors, who are not registered in BHEL EDN for supply of fans at the time of quoting, shall submit following document along with the quotation. BHEL representatives may inspect the vendor's works to ascertain their capability of executing the tender. <p><u>Documents:</u></p> <ol style="list-style-type: none"> Details regarding the facilitates (Machineries, Tools, Manpower-Welders etc.) available at their works. QS Related documents such as PQR, QAP etc. 									
		<p><u>Note:</u></p> <p>1) Clause wise confirmation to above PQC shall be mandatorily submitted with Offer in format- Annexure- A. Offers without same will be summarily rejected and Bidder's Technical offers / proposals will not be evaluated.</p>									
		<p>REVISIONS:</p>		<table border="1"> <tr> <td colspan="3" data-bbox="906 1549 1500 1738"> <p>APPROVED BY</p>  DEVANAND.V </td> </tr> <tr> <td data-bbox="906 1738 1125 2049"> <p>PREPARED BY</p>  Narasimha Yadav </td> <td data-bbox="1125 1738 1318 2049"> <p>ISSUED</p> <p>445</p> </td> <td data-bbox="1318 1738 1500 2049"> <p>DATE</p> <p>17.03.2023</p> </td> </tr> </table>		<p>APPROVED BY</p>  DEVANAND.V			<p>PREPARED BY</p>  Narasimha Yadav	<p>ISSUED</p> <p>445</p>	<p>DATE</p> <p>17.03.2023</p>
<p>APPROVED BY</p>  DEVANAND.V											
<p>PREPARED BY</p>  Narasimha Yadav	<p>ISSUED</p> <p>445</p>	<p>DATE</p> <p>17.03.2023</p>									

Annexure -A						Reference- TE/445/DDU/PQC-DC FAN
Name Of the Vendor						
Address & Contact No.						
BHEL Registration No.						
RFQ Detail						
PQC Compliance						
PQC Clause No.	Clause Description	Complied	Supporting Document Detail		Remarks	
		Yes/No	Detail	Doc. No.		
1						
2						
3						
4						
5						
Signature and Seal of Vendor						



A4 – 12

PURCHASE SPECIFICATION
GROUP: TRACTION ENGINEERING

P.S NO. : PS/445/2729

REV. NO : 00

PAGE 01 OF 05

SPECIFICATION FOR

DC Axial Fan of DDU

REVISION HISTORY:

REV.No.	DATE	NATURE OF CHANGE	REASONS	PREPARED BY	APPROVED BY
00	17.03.2023	FIRST ISSUE	--	Narasimha	Devanand

ANY DEVIATIONS TO THIS DOCUMENT TO BE BROUGHT OUT CLEARLY BY
VENDOR ALONG WITH TECHNICAL OFFER.

Revision 00

Dated 17.03.2023

APPROVED BY:


Devanand V, SDGM (PES-TE)

PREPARED BY:



Narasimha Yadav G

Issued By

PES-TE

DATE

17.03.2023

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 anyway detrimental to the interest of the company.



A4 – 11

PURCHASE SPECIFICATION
GROUP: TRACTION ENGINEERING

P.S NO. : PS/445/2729

REV. NO: 00

PAGE 02 OF 05

SPECIFICATION FOR DC AXIAL FAN OF DDU

1.0 SCOPE:

This technical specification covers the requirements of design, manufacture, testing at works, packing and dispatch of Axial fan of DDU.

2.0 APPLICATION:

Axial Fan mentioned in this Purchase Specification are required to be used in various EMU/MEMU Projects.

3.0 ELIGIBILITY CRITERIA:

The Bidder should have supplied the offered item for Indian Railways projects of EMU/MEMU/DEMU or Locomotives or Metros operating in India.

4.0 CLAUSE BY CLAUSE COMPLAINT:

Vendor to submit clause by clause compliance to complete Purchase specification along with the technical bid.

(Optional Requirement)

Supplier shall furnish EN-45545 (Railway applications -Fire protection on Railway Vehicles) compliance certificate.



A4 – 11

PURCHASE SPECIFICATION
GROUP: TRACTION ENGINEERING

P.S NO. : PS/445/2729

REV. NO: 00

PAGE 03 OF 05

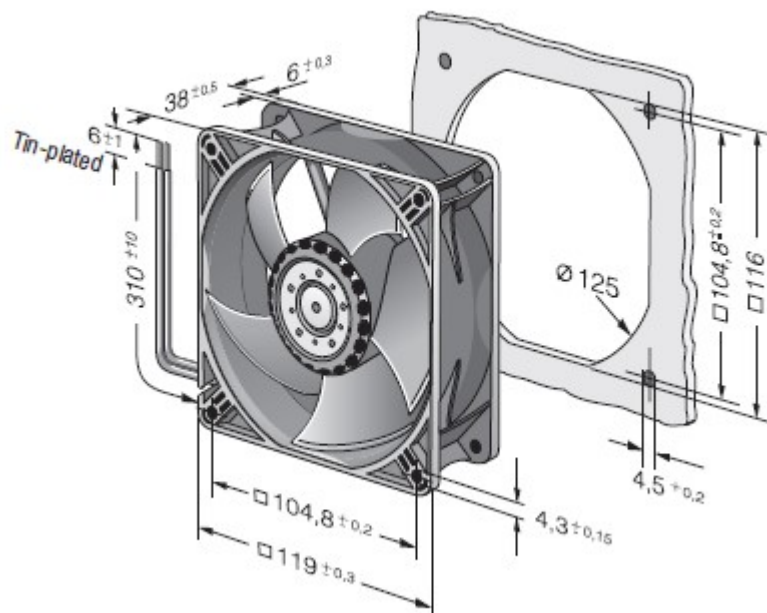
5.0 ITEMS COVERED UNDER THIS PURCHASE SPECIFICATION

Sl. No.	BHEL Material Code	Description
1	TI0668090839	Axial Fan for DDU

6.0 TECHNICAL SPECIFICATION:

DC AXIAL FAN FOR TRACTION CONVERTOR		
Sl No	Parameters	
1	Air Flow (m3/hr)	205
2	Nominal Voltage (VDC)	24
3	Voltage Range (VDC)	18 to 28
4	Temperature Range(°C)	-5 to +75
5	Weight (g)	250-290
6	Dimensions(mm)	119x119x38

Dimensions of Fan





A4 – 11

PURCHASE SPECIFICATION
GROUP: TRACTION ENGINEERING

P.S NO. : PS/445/2729

REV. NO: 00

PAGE 04 OF 05

7.0 CLIMATIC & ENVIRONMENTAL CONDITIONS:

Offered Items should comply with the following environmental conditions.

- (a) Relative Humidity: up to 98% saturation during rainy season which may be as long as five (5) months.
- (b) Altitude: At any altitude between 0 and 1776 m above mean sea level.
- (c) Rainfall: Very heavy and continuous (up to 2500mm during rainy season)
- (d) Atmosphere during hot weather: Extremely dusty, humid and salty. The EMU/MEMU shall be working in coastal area also and thus shall be continuously exposed to highly corrosive, salty atmosphere along with industrial pollutants.

8.0 DESIGN REQUIREMENTS/ DOCUMENTS TO BE PROVIDED BY SUPPLIER

Drawings, weights, etc.	To be provided by supplier
Proof of approval by RDSO	To be provided by supplier
Technical Manual / Catalogue	To be provided by supplier
QAP for approval	To be provided by supplier



A4 – 11

PURCHASE SPECIFICATION
GROUP: TRACTION ENGINEERING

P.S NO. : PS/445/2729

REV. NO: 00

PAGE 05 OF 05

9.0 TESTING:

- (a) The Purchaser, his duly authorized representative and/or outside inspection agency acting on behalf of the Purchaser shall have, at all reasonable times, free access to the Contractors premises or Works and shall have the power, at all reasonable times, to inspect and examine the materials and workmanship of the works during its manufacture or erection. If part of the ordered material is being manufactured or assembled at other premises or works, the manufacturer shall obtain permission to inspect as if the material were manufactured or assembled on the manufacturer's own premises or works. Inspection may be made at any stage of manufacture, dispatch or at site as per option of the Purchaser and the equipment if found unsatisfactory due to bad workmanship or quality, material is liable to be rejected.
- (b) The inspection by Purchaser and issue of Inspection Certificate thereon shall in no way limit the liabilities and responsibilities of the Manufacturer in respect of the agreed quality assurance program forming a part of the Contract.

End of the Document

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 anyway detrimental to the interest of the company.

COMMERCIAL TERMS

Tender department: CE MM, EDN, BHEL, BANGALORE			RFQ/NIT/Enquiry no.	NRJE000057
			Bidder Name:	
Tender floated through NIC e-Procurement system Website - https://eprocurebhel.co.in/nicgep/app . Vendor to submit offer only through NIC e-Procurement system.				
Sr. No	DESCRIPTION	Details	Bidder's Acceptance / Response	Remarks if any
1	Price Basis	Prices will remain firm, till the completion of supplies against the purchase order.		
2	Terms of Delivery	DDL, BHEL EDN/ESD, Bangalore (Free delivery to EDN/ESD, BHEL Bangalore including packing & forwarding charges)		
2. a	Quantity distribution	Quantity distribution shall be applicable for all three items in the following manner: L1 will be decided by considering total cost to BHEL and a. L1 bidder shall be awarded 70 % of tender quantity. b. L2 bidder shall be offered 30% of tender quantity. NOTE: 30 % quantity shall be offered to L2 bidder at L1 unit rate. If L2 bidder doesn't agree, same quantity shall be offered to L3 bidder and so on to next rank bidders. Any residual quantity available will be split between bidders who have agreed to L1 price in including L1 bidder in the ratio of their original standing.		
3	Delivery Period	Indicate the best possible delivery schedule from the date of issue of Purchase order. For Supply, Date of receipt of materials at Stores / BHEL EDN/ESD Bangalore will be treated as delivery for purpose of penalty.		Indicate Delivery period in No of weeks
4	Payment Term	100% within 45 days from the date of receipt of material at EDN/ESD Stores.		
5	Evaluation of L1 vendor	Evaluation will be done on item wise lowest bidder will be considered for ordering.		
6	Penalty for delay in delivery	Penalty of 0.5% per week at the basic price of the good for undelivered quantity of supply portion, subject to a maximum of 10%. For Supply, Date of receipt of materials at Stores / BHEL EDN/ESD Bangalore will be treated as delivery for purpose of penalty.		
7	Loading towards Penalty for delay in delivery	For any deviation in penalty term, the offer will be liable for loading as per Clause No. G, Point No.(b) of ITB.		
8	Other terms & conditions	For detailed Terms and Conditions, kindly refer to the following:A: INSTRUCTIONS TO BIDDERS/SELLERS(Doc No :BHEL:EDN:ITB-SHOP) available at www.edn.bhel.com (RFQ-PO Terms & Conditions)B: GENERAL CONDITIONS OF CONTRACT FOR PURCHASE(Doc no :BHEL:EDN:GCC-SHOP)available at www.edn.bhel.com (RFQ-PO Terms & Conditions)		
9	Validity	Quotation should remain valid for a period of 90 days from the due date.		
10	Reverse Auction	N A		
11	Declaration for GFR 2017 Rule 144(Xi)	Declaration to be uploaded (Format attached)		
12	Declaration for Make in India	Declaration to be uploaded (Format attached) If applicable		
13	Declaration for MSME	Submit MSME/UDYAM Certificate if applicable		
14	Declaration	The bidder declares that they will not enter into any illegal or undisclosed agreement of understanding, whether formal or informal with other bidder(s). This applies in particular to prices, specifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process. In case, the Bidder is found having indulged in above activities, suitable action shall be taken by BHEL as per extant policies/guidelines.		
15	Warranty	12 months from date of commissioning or 18 months from the date of supply whichever is earlier		
16	No Deviation	We hereby confirm that all the terms & conditions of tender are accepted without any deviation and any . Any additional commercial term or deviation in commercial term mentioned anywhere else shall be ignored and not be considered for evaluation		
17	Rate Contract Acceptance	NA		
18	Rescheduling of Deliveries	BHEL reserves the right of postponement, rescheduling or staggering of delivery based on the project schedule.		
19	Non acceptance of RC	NA		

Sr. No	DESCRIPTION	Details	Bidder's Acceptance / Response	Remarks if any
20	Tolerance	NA		
21	Documents for bill processing	<p>Complete set of despatch documents (original + 1 photocopy set) as per Purchase Order shall be submitted to Purchase Officer directly on below address for bill processing -</p> <p>IPPILI NIRANJAN, MANAGER /CE-MM, NEB 2ND FLOOR, BHEL-EDN, BANGALORE - 560026, KARNATAKA J P MASAND AGM /CE-MM, NEB 2ND FLOOR, BHEL-EDN, BANGALORE - 560026, KARNATAKA</p> <p>If documents are Digitally Signed by Authorized Signatory, submission of Hard copy of document is not required. However digitally signed soft copy of complete set of documents to be sent to below email IDs, ippili@bhel.in, arunml@bhel.in & nilmanikumar@bhel.in</p> <p>Depending upon the PO, despatch documents may include one or more documents from the following:</p> <ol style="list-style-type: none"> 1. Invoice for payment (original) 2. Invoice for payment (extra copy) 3. Packing list mentioned items in each box number 4. LR Copy 5. Warranty certificate 6. PBG if applicable as per PO 7. Copy of UDYAM certificate for considering MSE, if applicable 8. Copy of First Inspection call letter along with TC <p>The precise list of despatch documents needed for the project will be specified in the Purchase Order.</p> <p>One set of Invoice, Packing List and L/R or AWB shall be e-mailed/faxed immediately to BHEL-EDN after despatch.</p>		
	Note -			
	<p>(1) Any tender condition does not prohibit any bidder to submit their offer along with clause wise deviation from the specification/commercial terms of tender. Changes, if any, in technical specification / Scope etc shall be informed to participating bidders only.</p> <p>(2) Any additional commercial term or deviation in commercial term, if sought by vendor, should be clearly brought out in this commercial bid document. Any additional commercial term or deviation in commercial term mentioned anywhere else shall be ignored and not be considered for evaluation</p> <p>(3) Any technical or commercial clarification for this tender can be raised before one week of offer submission date. No clarification will be entertained by BHEL after given cutoff date.</p> <p>Clarifications with regard to the tender shall be addressed to purchase officers whose e-mail IDs are given below: ippili@bhel.in, jpmasand@bhel.in & arunml@bhel.in</p> <p>(4) The evaluation currency for this tender shall be INR.</p> <p>(5) For the purpose of availment of GST amount as Input Tax Credit (ITC), time limits are mentioned and as of now it is September of the subsequent Financial Year. If complete set of invoice and other supporting billign document required as per PO is not submitted to concerned Purchase Officer at least 45 days prior to this cut-off date, BHEL will not be able to avail Input Tax Credit and hence corresponding GST amount will not be paid to the vendor / contractor.</p>			

On Bidder Letter Head

Date:

To,

M/s Bharat Heavy Electricals Ltd.
Electronics Division, Mysore Road,
Bangalore – 560026

Sub: Model Clause / Certificate as per clause 9 (a) of Revised Public Procurement (Preference to Make in India Order, 2017 of DPIIT dated 13.06.2020.

Ref: BHEL Tender / RFQ / NIT Number

I (authorized signatory for M/s) a 'Class-I Local Supplier' / 'Class-II Local Supplier' at the time of tender, bidding or solicitation hereby confirm that the item meets the Local Content requirement for 'Class-I Local Supplier' / 'Class-II Local Supplier' (Tick appropriate option & cut the other one) and the Local Content percentage is

The address is as below, where the local content / value addition is made:

[Factory Address]

For M/s

Authorized Signatory
(with company seal & Name)

On Bidder Letter Head

Date:

To,

M/s Bharat Heavy Electricals Ltd.
Electronics Division, Mysore Road,
Bangalore – 560026

Sub: Model Clause / Certificate as per Annex-III (Tenders) of Restrictions Under Rule 144 (xi) of the General Financial Rules (GFRs) 2017, Dated 23.07.2020.

Ref: BHEL Tender / RFQ / NIT Number

I (authorized signatory for M/s) have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India , we certify that this bidder M/s[Vendor Name & address] is not from such a country or , if from such a country , has been registered with the competent authority . We hereby certify that we fulfill all requirements in this regard and is eligible to be considered [attach evidence of valid registration certificate with competent authority].

For M/s

Authorized Signatory
(with company seal & Name)

Validate

Print

Help

Item Wise BoQ

Tender Inviting Authority: BHEL EDN BANGALORE

Name of Work: SUPPLY OF MATERIAL

Contract No: NRJE000057

Name of the Bidder/ Bidding Firm / Company :												
<p align="center">PRICE SCHEDULE</p> <p align="center">(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)</p>												
NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	TEXT #	NUMBER #	NUMBER	NUMBER	NUMBER #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	Quoted Currency in INR / Other Currency	BASIC RATE In Figures To be entered by the Bidder in Rs. P	GST (If applicable in Percentage)	GST Amount in Rs. P	HSN / SAC Code	TOTAL AMOUNT excluding taxes in Rs. P	TOTAL AMOUNT including taxes in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	12	7	8	9	10	11	12	13
1	DDU FAN	TI0668090839	184	Nos	INR		18.000	0.00		0.000	0.000	INR Zero Only
Total in Figures										0.000	0.000	INR Zero Only
Quoted Rate in Words		INR Zero Only										