



An ISO 9001
Company

Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT/ MATERIALS MANAGEMENT

ENQUIRY

NOTICE INVITING TENDER

Phone: +91 431 257 7360/7775

Fax : +91 431 252 0031

Email : ajay@bheltry.co.in

viren@bheltry.co.in

Web : www.bhel.com

TWO PART BID	Enquiry Number:	Enquiry Date:	Due date for submission of quotation:
Tender to be submitted in two parts	2631700081	07.11.2017	09.12.2017

You are requested to quote the Enquiry number, date and due date in all your correspondences. This is only a request for quotation and not an order.

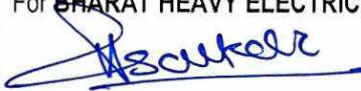
Please note that under any circumstances both delayed offer and late offers will not be considered. Hence vendors are requested to ensure that the offer is reaching physically our office before 14.00 hrs. on the Date of tender opening.

Item	Description	Qty.
10	"Tubular Type Man Cooler" as per the technical specification, BHEL commercial terms & conditions applicable (to be downloaded from web site www.bhel.com or https://eprocure.gov.in)	28 Nos.

Important points to be taken care during submission of offer:

1. Delivery terms shall be FOR BHEL Stores, Trichy-620014.
2. Compliance Form No.: TRY/IND/08 to be filled and enclosed along with the offer failing which, the offer will not be considered for evaluation.
3. Delivery required 2 months from the date of purchase order.
4. Erection and commissioning shall be done at BHEL, Trichy by the supplier.
5. Erection & Commissioning period required 1 Week from the date of intimation by BHEL to vendor for deputation of their Engineers for E&C.
6. EMD: Not Applicable.
7. All updates, amendments, corrigenda, etc., (if any), for each tender will be posted only on the above websites from time to time, as and when required, until each tender is opened. There will be no publication of such updates, amendments, corrigenda, etc., through newspapers or any other media.

BHEL's General guidelines / instructions (Refer: MM/CE/GENL001), commercial Terms check list (Compliance Form) and Technical Specification can be downloaded from BHEL web site <http://www.bhel.com> or from the Government tender <https://eprocure.gov.in> under Enquiry reference "2631700081".

Tenders should reach us before 14:00 hours on the due date Tenders will be opened at 14:30 hours on the due date Tenders would be opened in presence of the tenderers who have submitted their offers and who may like to be present	Yours faithfully, For BHARAT HEAVY ELECTRICALS LIMITED  AJAY V. ASALKAR Sr. MANAGER MM / Capital Equipment BHEL, Tiruchirappalli - 620 014.
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Qualifying Criteria for Tubular Mancooler

The BIDDER has to compulsorily meet the following requirements to get qualified for considering the technical offer:

Sl. No.	BHEL Specification	Vendor's Offer
1	Only those Bidders / Vendors, who have supplied Tubular Mancooler to M/s BHEL (or) any other customers shall quote.	
2	The following information has to be submitted by the Bidder / Vendor about the customers where Tubular Mancooler have been supplied.	
2(a)	Atleast one previous Purchase Order copy towards the supply of Tubular Mancooler (Minimum 600 mm sweep) to M/s BHEL (or) any other customers. The PO copy should be in the name of the Bidder / Vendor.	
2(b)	BHEL may verify the information provided by the Bidder / Vendor. In case the information provided by the Bidder / Vendor is found to be false/ incorrect, the offer shall be rejected.	

Technical Specification for Tubular Man cooler

APPLICATION: TUBULAR TYPE MAN COOLER FOR INDUSTRIAL APPLICATION			
Sl.No	Description	Specification	Vendor's Offer
1.0	Tubular type Man Cooler Construction and Specification		
1.1	Construction	Tubular type and Circular construction with diecast Aluminium impeller, Epoxy powder coated and sturdy braze wire guards ,Robust base for stability.	
1.2	Sweep	600 / 610 mm (24")	
1.3	Impeller	The die cast Aluminium impeller shall be aerodynamically balanced and it shall have a swing of 180 degree and vertical angle of 15 degree and to be provided	
1.4	Impeller speed in RPM	Vendor to specify	
1.5	Safety Guard	Wire guard on both inlet and outlet ends of the tubular.	
1.6	Motor specification	Foot mounted totally enclosed squirrel cage induction motor with class B insulation (Reputed makes only acceptable)	
1.7	Electrical	Suitable for 3 phase ,3 Wire 415 volt AC supply	
1.8	Motor make and power	Vendor to specify make and actual power of motor	
1.9	Makes of the Man Cooler	EPC, Almonard, Khaitan, Crompton-Greaves only	

1.10	Model	Vendor to specify make and model Number	
1.11	Noise level at 1m distance in dbA	Vendor to specify	
1.12	Dimensions	Vendor to specify	
1.13	Air Delivery	28000 (m3/hr) - Vendor to confirm	
1.14	Conformance to IS standard	IS 6272 : 1987 or equivalent	
1.15	Starter Box	Starter box shall contain "ON , OFF / Reset " buttons with overload protection	
1.16	Make of starter	Siemens / Schneider / ABB / L&T / BCH / Crompton makes only	
2.0	Document	Technical and Dimensional details with catalogue to be enclosed in the offer	
3.0	Spare	Bidder shall include all types of Operation & Maintenance spares for two years of trouble free operation.	
4.0	Guarantee	The performance of the Fan in Total or the Components shall be guaranteed for a period of 12 Months from the date of performance acceptance at BHEL works.	