



An ISO 9001  
Company

# Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT / MATERIALS MANAGEMENT

<b>ENQUIRY</b>	Phone: +91 431 257 76 53 Email : <a href="mailto:skaruna@bheltry.co.in">skaruna@bheltry.co.in</a> Web : <a href="http://www.bhel.com">www.bhel.com</a>
<b>NOTICE INVITING TENDER</b>	

<b>TWO PART BID</b>	<b>Enquiry Number:</b>	<b>Enquiry Date:</b>	<b>Due date for submission of quotation:</b>
Tender to be submitted in two Parts	<b>2631600044</b>	<b>06.08.2016</b>	<b>08.09.2016</b>


You are requested to quote the Enquiry number date and due date in all your correspondence. 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	Quantity
10	<b>Tubular Type Mancooler with Starter</b> as per the technical specification & commercial conditions applicable (to be downloaded from web site <a href="http://www.bhel.com">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	10 Nos.

**Important points to be taken care during submission of offer**

1. Compliance Form No: MM/CE/IND/12 to be filled and enclosed along with the offer failing which, the offer will not be considered for evaluation.
2. 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.
3. Delivery required: 3 months from the date of Purchase Order.

BHEL's General guidelines / instructions (refer MM/CE/GENL/001), compliance form and technical specification can be downloaded from BHEL web site <http://www.bhel.com> or from the Government tender website <http://tenders.gov.in> (public sector units > Bharat Heavy Electricals Limited page) under Enquiry reference "2631600044".

<p>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</p>	<p>Yours faithfully, For BHARAT HEAVY ELECTRICALS LIMITED</p>  DGM / Capital Equipment / MM
---	---

S. KARUNANIDHY  
Dy. General Manager  
Capital Equipment / MM  
BHEL, Tiruchirappalli - 620 014.

QUALIFYING Criteria for tubular man ~~coller~~ <sup>coolers</sup> -

1. The supplier should have 5 years' experience in supply of man <sup>coolers</sup> ~~collers~~ of 600mm or higher sweep to industries.

2. Bidder should furnish reference list of customers, with full contact details to whom similar systems have been supplied in the past. The vendor should also submit following details which are necessary for qualifying their offer.

a) Name and postal address of the customer or company where similar item supplied with Name, designation, contact phone numbers and email address of the contact person of the customer.

c) Month and year of supply.

d) BHEL reserves the right to verify the information provided by vendor. In case the information provided by vendor is found to be false/incorrect, the offer shall be rejected.

e) Documentary evidence of previous purchase orders.

f) One performance certificate from any one of their customers for the Tubular man cooler supplied in last one year.

3. Authorization certificate from the principal supplier should be submitted in case Dealers/Agents.

**Suggestive format of performance certificate**

The performance should be certified by the customer on **CUSTOMER LETTER HEAD** and submitted along with the offer

01	<b>Tubuler man cooler supplied by: (Manufacturer's name)</b>	
02	<b>Make &amp; Model number of the machine</b>	
03	<b>Performance of the man cooler (please tick appropriate option)</b>	<b>Satisfactory</b> <b>Not satisfactory</b>
04	<b>Month and year of commissioning</b>	
05	<b>Service after sales (please tick appropriate option)</b>	<b>Satisfactory</b> <b>Not satisfactory</b>
06	<b>Other remarks (if any)</b>	
	<b>Date:</b>	<b>Signature &amp; Seal of the Authority Issuing the performance certificate</b>

## SPECIFICATION FOR TUBULAR TYPE MANCOOLER FANS with 600 mm sweep along with Starter

Sl. No.	Description	Specification	Bidders offer
<b>Purpose-</b> General purpose tubular type, 600/610mm (24") sweep, Man cooler for industrial application on 3- Phase 415 volt, 50Hz ac supply.			
<b>1.0</b>	<b>Tubular fan construction</b>		
1.1	Tubular type air circulator construction	600 / 610mm (24") sweep with impeller, Epoxy powder coated, and sturdy braze wire guards, Robust base for stability	
1.2	Impeller	The die cast aluminium impeller shall be aerodynamically balanced and it will have a swing of 180 degree and vertical angle of 15 degree and to be provide with wire guard both ends of the tubular.	
1.3	Safety Guard	Foot mounted totally enclosed squirrel cage induction motor with class B insulation ( Reputed makes only acceptable and also indicated make details of the motor)	
1.4	Motor specification	Foot mounted, induction motor suitable 3 Phase, 3 Wire 415 volt AC supply	
1.5	Motor make and power	Vendor to specify make and actual power of motor.	
1.6	Make and model of the Air circulator	Vendor to specify make and model	
1.7	Make of the Air circulator	EPC, Almonard, Khaitan, Crompton-Greaves only	

## SPECIFICATION FOR TUBULAR TYPE MANCOOLER FANS with 600 mm sweep along with Starter

1.8	Noise level at 1m distance in dbA	Vendor to specify	
1.9	Dimensions	Technical and Dimensional details with catalogue to be enclosed.	
1.10	Air Delivery	28000 (m <sup>3</sup> /h) vendors to confirm.	
1.11	Conformance to IS standard	IS 6272 : 1987 or equivalent	
1.12	Starter Box	Starter box shall contain “ <b>ON, OFF / Reset</b> ” buttons with overload protection	
1.13	Make of motor starter	Siemens/ Schneider /ABB /L&T /BCH /Crompton makes only	
1.14	Spares	Bidder shall include all types of Operation & Maintenance spares for two years of trouble free operation.	
2.0	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 or 18 Months from the date of supply whichever is earlier.	