



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 70 49

Fax : +91 431 252 07 19

Email : csguna@bheltry.co.in

Web : www.bhel.com

TWO PART BID

Tender to be submitted in two parts.

**Enquiry
Number:**
2620900208

**Enquiry
Date:**
29.09.2009

**Due date for submission
of quotation:**
03.11.2009

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	Design, Supply, Installation, Testing and Commissioning of Control Station for Constant Load Hangers (50 Ton & 20 Ton) as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	2 Nos

Important points to be taken care during submission of offer

1. Delivery required 8 months from the date of purchase order.
2. Grace period of 2 months beyond the above delivery period will be considered.
3. Checklist to be filled and enclosed along with the offer failing which, the offer will not be considered for evaluation.
4. Offer should be given separately for 50T and 20T station.
5. In case of order, It will be placed as two separate items, one for 50T and another for 20T
6. Any offer received where the total price for both 50T and 20T is offered at will be rejected.
7. Hence you must quote 50T separately and 20T separately.

BHEL's General guidelines / instructions (refer MM/CE/GT/001) including bank guarantee formats and list of consortium banks, commercial terms check-list 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 "2620900208".

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

Sr.Manager / MM / Capital Equipment

SPECIFICATION FOR CONTROL STATION

DESIGN,SUPPLY, INSTALLATION ,TESTING & COMMISSIONING OF CONTROL STATION FOR CONSTANT LOAD HANGERS. (50T & 20T)

**QUANTITY 50 Ton- 1 No.
 20 Ton- 1 No**

SCOPE OF SUPPLY FOR EACH STATION:

1.0 Supply of 1 no. of microprocessor based Digital Indicator (Model W100 H of M/s LCS make or Equivalent) , operating on 230 v ac with the following specifications:

Input :From Load cell and indicator

Display :2X6 DIGIT 7 SEGMENT LED

(One for load & one for display of the elongation)

Output :RS 232C for PC interface.

2.0 Supply of Free Floor Standing Control Desk duly wired with supply and provision to house the PC (comprising of Monitor, CPU, Keyboard, mouse), weight cum elongation indicator, Push button station ,control circuit breaker (MCB),Auto / manual selector switch as per drg enclosed.

2.1 Against the above, PC comprising of CPU, monitor, keyboard, mouse, One No. of Laser Printer ,and interface cables are under the supplier's scope. One no. of PC with latest specification should be mounted on the operating panel as indicated in the sketch. Supply of other items like selector switches, push button stations, indicator, associated wiring are in the scope of the supplier.

2.2 The control desk shall be generally as per the sketch enclosed. It shall have provision to accommodate one set of indicator, one set of PC, one set of push button station, selector switches etc.

3.Design and supply of suitable software for carrying out the(Stretching/elongation) testing of CLH in the test station.

4.0 The selected capacity of load cell shall be installed in the system and the load cell cable is connected to the indicator on the rear side of the system and the process of selecting the load cell capacity to be done in the indicator, which is accessible by user password.

5 The suppliers are advised to visit the site for any clarification before quoting for the total system.

6.0 Installation, loading the software, testing and commissioning the system at customer's works is under the scope of supplier.

7.0 Three sets of necessary documents, software details, operation and maintenance manuals, diagnostic manuals, catalogues for bought out components and control panel wiring circuit drawings should be supplied along with the control panel. (Preferably two hard copies and one soft copy)

8.0 Training shall be given for three maintenance persons and three production persons on operation and maintenance of the testing systems.

9.0 Complete equipment to be guaranteed for a minimum period of 12 months from the date of commissioning or 18 months from the date of supply whichever is earlier.

