



An ISO 9001
Company

Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT / MATERIALS MANAGEMENT

ENQUIRY	Phone: +91 431 257 79 38 Fax : +91 431 252 07 19 Email : tvenkat@bheltry.co.in Web : www.bhel.com
NOTICE INVITING TENDER	

TWO PART BID	Enquiry Number:	Enquiry Date:	Due date for submission of quotation:
Tender to be submitted in two Parts	2621300018	03.08.2013	04.09.2013

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	Hand Held Ultrasonic Thickness Measuring Gauge as per the technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	14 Nos.

Important points to be taken care during submission of offer

1. Checklist No. TRY/ IMP/ 02 and TRY/ IND/ 02A 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: Two months from the date of Purchase Order.
4. EMD for this tender will be ` 1,00,000.00

BHEL's General guidelines / instructions (refer MM/CE/GENL/001-EMD) 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 "2621300018".

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 / Capital Equipment / MM
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PART -A
QUALIFYINGCRITERIA FOR
HAND HELD ULTRASONIC THICKNESS MEASURING GAUGE

S.No	BHEL Specification	Vendor's Offer
1.0	QUALIFYING CRITERIA	
1.1	The BIDDER / VENDOR (OEM) shall have a minimum of FIVE Years of Continuous Experience in the Design, Manufacture & Supply of "HAND HELD THICKNESSMEASURING GAUGE". Vendor may indicate the actual no. of years of experience in the field	
1.2	Only those vendors (OEMs), who have supplied and commissioned atleast TWO numbers of Hand Held Ultrasonic thickness measuring gauge similar to the instrument specified under Part B, in the past two years (as on date of opening of Tender) and such instrument is presently working satisfactorily for more than one year after commissioning (as on date of opening of Tender) should quote.	
1.3	Vendor has to submit atleast one Performance Certificate from their customers, for satisfactory performance of Hand held Ultrasonic thickness measuring gauge quoted against this enquiry, for a minimum period of one year (as on date of opening tender). For obtaining the Performance certificate, a suggestive format is provided.	

2.0	INFORMATION TO BE PROVIDED BY VENDOR	
2.1	Year of launch of the model quoted against this enquiry	
2.2	Number of "Hand held Ultrasonic thickness measuring gauge " supplied and commissioned till date in the quoted model.	
2.3	The BIDDER/VENDOR to furnish Reference List of Customers	
2.4	Contact details(phone no & email id) including the Address of Agents /Service Centres in India to be provided	

Suggestive Format of Performance Certificate:

The performance certificate should be produced **on Customer's Letter Head**.

PERFORMANCE CERTIFICATE

- 1 Supplier of the instrument
- 2 Make & Model of the instrument
- 3 Month & Year of Commissioning
- 4
 - a. Application for which instrument is used
 - b. Thickness range measured
- 5 Performance of the instrument Satisfactory / Good / Average / Not Satisfactory
(Strike off whichever is not applicable)
- 6 After sales service Satisfactory / Good / Average / Not Satisfactory
(Strike off whichever is not applicable)
- 7 Any Other remarks

Date: Signature & Seal of the Authority

Issuing the Performance Certificate

PART-B

TECHNICAL SPECIFICATION FOR HAND HELD ULTRASONIC THICKNESS MEASURING GAUGE

BRIEF DESCRIPTION:

Thickness measuring gauge is used to measure thickness of metals.

TECHNICALSPECIFICATION

Qty:14 Nos

SL.NO	Description	BHEL REQUIREMENT	Bidder' comment
1.0 Purpose			
1.1	Purpose	Thickness measurement of metals at various locations in BHEL.	
1.2	Jobs to be analyzed	Pipes(Dia 88.9 to 1000mm), Tubes(Dia 38.1 to 76.1mm), Plates,Fittings &Castings,Weldmentsetc	
2.0 Principle of operation			
2.1	Principle of operation	Ultrasonic	
3.0 Machine Configuration			
3.1	Weight	Hand held, around500gms..	
3.2	Power Source	The equipment shall work with rechargeable battery pack. One complete recharge should give minimum 10Hrs of operation.	
3.3	Battery type and quantity	Vendor to Specify	
3.4	Measuring Range	1mm to250mm	
3.5	Resolution	0.01mm	
3.6	Accuracy	+/-1% of thickness measured	
3.7	Mode of display	mm	
3.8	Ambient Operating Temperature	0 to 50 deg.Centigrade	
4.0 User Interface			
4.1	Display	LED/LCD display	
4.2	Keypad	Keypad with navigation keys to be provided. Must be water proof, resistance to oil/grease	
5.0	Calibration Block	Vendor has to provide a certified stepped calibration block for each instrument	
5.1	Calibration	Supplier should provide calibration certificate	
6.0Accessories			
6.1	List of accessories to be provided along with offer	Any accessories like probes, battery charger etc has to be provided along with the offer.Vendor has to specify the complete list.	
7.0 Spares:			
7.1	List of essential spares	Vendor has to provide the list of recommended spares.	
8.0	Service manual	One copy per instrument has to be provided	
9.0	Pre dispatch Inspection	The total assembly of equipment shall be tested for its performance by the supplier at supplier's work prior to dispatch of the equipment and test certificate shall be given	
10.0 Installation& Commissioning			
10.1	Installation& commissioning& performance prove out	Commissioning &Prove out has to be done at BHEL,Trichy by the supplier	
11.0 Guarantee			
11.1	Guarantee	12 months from the date of commissioning or 18 months from the date of supply whichever is earlier.	