



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 7421/ 7297

Email : ykaruna@bhel.in , hari.r@bhel.in

Web : www.bhel.com

TWO PART BID

Tender to be submitted in two Parts

Enquiry
Number:

2631900051

Enquiry Date:

02.11.2019

Due date for submission of
quotation:

29.11.2019

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	Digital Coating Thickness Gauge as per the technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com or https://eprocure.gov.in/epublish/app)	9 Nos.

Important points to be taken care during submission of offer

1. Delivery terms shall be FOR BHEL Stores, Trichy for indigenous vendors and CFR Chennai Airport/ Seaport for foreign vendors.
2. Compliance Form MM/ CE/ TRY/ IMP/ 03 & MM/ CE/ TRY/ IND/ 03A to be filled and enclosed along with the offer failing which, the offer will not be considered for evaluation.
3. Delivery period required is 1.5 months from the date of Purchase Order.
4. Erection and commissioning activities shall be done by the supplier, at BHEL, Trichy works.
5. Time period required for Erection and Commissioning activities shall be 3 weeks from the date of intimation by BHEL
6. EMD applicable for this tender is INR 40,000.00
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/GENL/001- EMD), compliance form and technical specification can be downloaded from BHEL web site <http://www.bhel.com> or from <https://eprocure.gov.in/epublish/app> under Enquiry reference "2631900051".

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

[Signature]
04.11.2019

Engineer / MM/ Capital Equipment

R. HARI
Engineer
MM / Capital Equipment
BHEL, TRICHY - 620 014

PART - A

QUALIFYING CRITERIA FOR

Digital coating thickness gauge (Paint thickness gauge), Qty 09 Nos.

S.No	BHEL Specification	Bidder's Offer
1.0	QUALIFYING CRITERIA	
1.1	Bidder / OEM must have manufactured, supplied and commissioned at least ONE Digital coating thickness gauge (Paint thickness gauge) are eligible to quote.	
1.2	Bidder has to submit at least ONE Performance Certificate from their customer (end user), for satisfactory performance of Digital coating thickness gauge (Paint thickness gauge) meeting the following conditions: a) The Equipment must have been supplied within the last five years as on the first date of tender opening. b) The Equipment must have performed satisfactorily for at least one year during this period. For obtaining the Performance certificate, a suggestive format is provided at the end of part-A.	
1.3	PO document for the above mentioned supplied equipment to be enclosed	
1.4	BHEL reserves the right to verify the information provided by the Bidder. In case the information provided is found to be false/ incorrect, the offer is liable for rejection.	

2.0	INFORMATION TO BE PROVIDED BY BIDDER	
2.1	Bidder shall provide contact details(phone no & email id) including the address of his Agents / Service Centres in India	
2.2	Details of Digital coating thickness gauge (Paint thickness gauge)supplied to other BHEL units if any	
2.3	The BIDDER to furnish Reference List of Customers(max 10 customers) including Contact details(phone no & email id).	

The BIDDER to note:

S. No.	PARTICULARS	Bidder's offer
SECTION 3		
3.1	The BIDDER shall submit the offer in Two Parts – 1. Technical [with PART A & PART B] & 2. Commercial and Price Bid.	
3.2	The Bidder's offer against each clause in PART A & B of the offer should be filled by the BIDDER compulsorily with complete details.	
3.3	The BIDDER shall assure a continuous support for Spares and Service for Ten Years, from the date of commissioning of the equipment at BHEL Works.	
3.4	The Technical Offer shall be supported by Product Catalogue and Data Sheets in original and complete technical details / literature on the quoted model of equipment.	
3.5	The Commercial Offer (given with the Technical Offer) shall contain the Scope of Supply and the Un-Priced Part of the Price-Bid, for confirmation.	

Suggestive Format of Performance Certificate:

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

PERFORMANCE CERTIFICATE

- 1 Description of the equipment
- 2 Make & Series of the equipment
- 3 Date, Month & Year of Commissioning
- 4 Application for which the equipment is used
- 5 Coating Thickness range Measured
- 6 Performance of the equipment Satisfactory / Not Satisfactory
(Strike off whichever is not applicable)
- 7 Service support after sales Satisfactory / Not Satisfactory
(Strike off whichever is not applicable)
- 8 Any Other remarks
- 9 This performance certificate was issued on: (DD/MM/YYYY)

Authority

Signature & Seal of the

Issuing the Performance Certificate

Contact details of issuing authority

Name & Designation:

Office No/ Mobile no:

Email ID:

PART B - TECHNICAL SPECIFICATION

Digital coating thickness gauge (Paint thickness gauge), Qty 09 Nos.

SL.NO	Description	BHEL REQUIREMENT	Bidder's offer with technical details
1.0 Purpose			
1.1	Purpose	Paint thickness gauge is used to measure Dry Film Thickness (DFT) of coating deposited on Ferrous and Non-Ferrous metals / substrate.	
1.2	Jobs details	Ferrous and Non Ferrous Materials Pipes (Dia. 88.9 to 1000mm) Tubes (Dia. 38.1mm to 76.1mm) Plates, Fittings, Castings, Forgings, Weldments.	
1.3	Minimum substrate thickness	Ferrous: 0.3 mm & Non – Ferrous: 0.1 mm Bidder to Note	
2.0 Principle of operation			
2.1	Principle of operation	Bidder to specify	
3.0 Machine Configuration			
3.1	Weight	Hand held, around 500 grams	
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	Bidder to specify	
3.4	Measurement Range	0-1000 micron or more.	
3.5	Accuracy	Up to 100-micron measurement, +/-1% of thickness. >100 micron measurement +/-3% of thickness.	
3.6	Resolution	1 micron	
3.7	Memory	10 readings minimum	
3.8	Ambient Operating Temperature	0-50 Deg. C	
3.9	Probes	Bidder to specify (suitable for ferrous and Non-ferrous substrate).	
4.0 User Interface			
4.1	Display	Digital LED/LCD/TFT display	
4.2	Keypad	Keypad with navigation keys to be provided. Must be water proof, resistance to oil/grease.	
5.0	Master foils for calibration	Bidder has to provide one certified master foil calibration set (25, 50, 100, 250, 500, 1000 micron) along with instrument.	
5.1	Calibration	Bidder should provide calibration certificate for the instrument and foils during supply. Calibration certificates shall be traceable to national/International standards.	
6.0 Accessories			
6.1	List of accessories to be provided along with offer	Bidder has to specify the entire list of accessories like probes, Battery charger, carry case, etc.	
7.0 Spares:			
7.1	List of essential spares	Bidder has to provide the list.	
8.0	Service manual	One copy per instrument to be provided	

SL.NO	Description	BHEL REQUIREMENT	Bidder's offer with technical details
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 provided. The equipment shall be dispatched on receipt of clearance by BHEL.	
10.0 Erection & Commissioning			
10.1	Erection & commissioning & performance prove out	Commissioning & Prove out has to be done by the supplier at BHEL works. BHEL, Trichy - 7 Nos. BHEL Thirumayam – 2 Nos.	
11.0 Guarantee			
11.1	Guarantee	12 months from the date of commissioning or 18 months from the date of supply whichever is earlier.	