



Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT / MATERIALS MANAGEMENT

An ISO 9001
Company

ENQUIRY		NOTICE INVITING TENDER		Phone: +91 431 257 7653 Email : skaruna@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	2631600031	23.07.2016	23.08.2016	
<p>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.</p> <p>Please note that under any circumstances both delayed offer and late offers will not be considered. Hence vendors are requested to ensure that the tender should be submitted online on or before the due date by 14.00 Hrs (IST). Tenders received after 14.00 Hrs (IST) will not be considered for evaluation.</p>				
Item	Description			Quantity
10	Stellite Thickness Measuring Instrument as per the technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in or https://bheleps.buyjunction.in)			1.00 No.
Important points to be taken care during submission of offer				
<ol style="list-style-type: none"> 1. Material shall be delivered to Indigenous Vendors: FOR, BHEL, Stores High Pressure Boiler Plant, Tiruchirappalli - 620014. For Foreign Vendors: CFR Chennai Airport 2. Delivery required 2 months from the date of purchase order. 3. Erection & Commissioning period required 2 Weeks from the date of intimation by BHEL to vendor for deputation of their Engineers for E&C. 4. Checklist No: TRY/IMP/04 (for foreign vendors) and TRY/ IND/ 04A (for indigenous vendors) to be filled and enclosed along with the offer failing which, the offer will not be considered for evaluation. 5. 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. 				
<p>BHEL's General guidelines / instructions (refer MM / CE / EPROC / GENL / 001) including bank guarantee formats and list of consortium banks, commercial terms check-list can be downloaded from https://bheleps.buyjunction.in or 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 above Enquiry reference.</p>				
Tenders should be submitted online at our above indicated web portal before 14:00 hours on the due date Tenders will be opened online at 14:30 hours on the due date.			<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.

PART - A
QUALIFYING CRITERIA FOR
STELLITE THICKNESS MEASURING INSTRUMENT

S.No	BHEL Specification	Vendor's Offer
1.0	QUALIFYING CRITERIA	
1.1	The BIDDER / VENDOR (OEM) shall have at least FIVE Years of Experience in the Design, Manufacture & Supply of " STELLITE THICKNESS MEASURING INSTRUMENTS ". Vendor must indicate the actual no. of years of experience in the field	
1.2	Only those vendors (OEMs), who have manufactured, supplied and commissioned at least ONE STELLITE THICKNESS MEASURING INSTRUMENTS , in the last Five years [as on date of this tender opening(first date)] should quote.	
1.3	Vendor has to submit at least ONE Performance Certificate from their customer, for satisfactory performance of STELLITE THICKNESS MEASURING INSTRUMENT specified in clause 1.2 supplied to them and such equipment is working satisfactorily for a minimum period of one year [as on date of this tender opening(first date)]. For obtaining the Performance certificate, a suggestive format is provided at the end of part-A.	
1.4	BHEL reserves the right to verify the information provided by the Vendor. In case the information provided by vendor is found to be false/ incorrect, the offer shall be rejected.	

2.0	INFORMATION TO BE PROVIDED BY VENDOR	
2.1	Vendor shall provide contact details(phone no & email id) including the address of his Agents / Service Centres in India	
2.2	Year of launch of the model quoted against this enquiry	
2.3	Number of " STELLITE THICKNESS MEASURING INSTRUMENTS " supplied and commissioned till date in the quoted model (to quote thickness gauges supplied during the last three years only)	
2.4	The BIDDER/VENDOR to furnish Reference List of Customers (max 10 customers) including Contact details (phone no & email id).	

Suggestive Format of Performance Certificate:

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

PERFORMANCE CERTIFICATE

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

Performance certificate issued date:

Signature & Seal of the Authority
Issuing the Performance Certificate

Contact details of issuing authority
Name & Designation:
Office No/ Mobile no:
Email ID:

PART-B**TECHNICAL SPECIFICATION FOR STELLITE THICKNESS GAUGE****BRIEF DESCRIPTION:**

Stellite thickness gauge is used to measure thickness of Stellite (Nonferrous metal) deposited on Ferrous base metal components

Technical SPECIFICATION

SL.NO	Description	BHEL REQUIREMENT	Bidder' comment
1.0 Purpose			
1.1	Areas of application in BHEL/Trichy & Equipment Requirements	To measure stellite coating thickness on Flat as well as curved surfaces	
2.0 Principle of operation			
2.1	Principle of operation	Magnetic Induction principle	
3.0 Machine Configuration			
3.1	Instrument Weight	Less than 500 gms	
3.2	Instrument size (h x w x d)	Bidder to specify	
3.3	Battery type	Vendor to specify the type of batteries used in the equipment.	
3.4	Battery life in Hrs	Bidder to specify. Minimum 8 hr back up should be provided	
3.5	Coating to be measured	Nonferrous coating like stellite metal deposited on Ferrous base material	
3.6	Measurement Range	1 - 4 mm. Vendor to specify the probes suitable to measure this range	
3.7	Operating temperature	10 to 50 deg C.	
3.8	Resolution of equipment	Vendor to specify	
3.9	Memory	10 readings minimum.	
3.10	Units to be displayed	Microns/mm	
3.11	Master Foils	Vendor to offer the master foils and their ranges for setting / calibration	
3.12	Probe	Vendor to offer required probes with ,description, range etc.	
4.0 USER INTERFACE			
4.1	Interface	Rugged keypad resistant to oil and grease to be provided	
4.2	Display	Digital display. TFT or better display with min 320 x 240 pixels	
4.3	Software	Vendor to provide the latest software	
5.0 ACCESSORIES			
5.1	List of accessories to be provided along with offer	Vendor to specify the list of recommended accessories with details	
6.0 Spares:			
6.1	List of spares to be provided along with offer	Vendor to specify the list of recommended spares with details	

7.0	Operator manual	Vendor to provide Operator manual- One hard copy and One soft copy along with equipment	
8.0	Packing list	Bidder to specify in detail as a list, the items that will be offered. (Including accessories, spares, transit case etc.)	
9.0 Installation & Commissioning			
9.1	Installation & commissioning & performance prove out at BHEL	Vendor to prove out the equipment performance at BHEL Trichy	
10.0 Training			
10.1	Training on operation & maintenance for BHEL staff at BHEL-Trichy	Vendor to provide training at BHEL Trichy at the time of commissioning	
11.0 Guarantee			
11.1	Guarantee	12 months from the date of commissioning OR 18 months from the date of dispatch whichever is earlier	