



BHARAT HEAVY ELECTRICALS LIMITED
Heavy Power Equipment Plant, Ramachandrapuram,
Hyderabad - 502 032. INDIA.
Phones : 23182514/2306
E-mail : asailoo@bhelhyd.co.in, sreenunaik@bhelhyd.co.in

Date :
Due Date :
Supplier Qtn. No.:
Date :

**TENDER DOCUMENTS TO BE FILLED BY THE SUPPLIER FOR SUPPLY OF
ULTRASONIC THICKNESS GAUGE-02 No's**

NOTE:-

1. The "Offered" Column and where applicable, the "Deviations" & "Remarks" Column of this format shall be filled in by the Vendor and submitted along with the offer. Inadequate / incomplete, ambiguous, or unsustainable information against any of the clauses of the specifications/requirements shall be treated as non-compliance.
2. The offer and all documents enclosed with offer should be in English language only.

SI No.	Description of BHEL requirement	offered	Deviations	remarks
1	PREQUALIFICATION REQUIREMENT : a) The suppliers shall give a list of atleast two customers with contact numbers/email id's to whom similar instruments are supplied,preferably Govt./ public Sector b)Performance certificate from the customers for the similar kind of instrument from atleast ONE customer has to be submitted.			
2	PURPOSE OF THE EQUIPMENT: Ultrasonic thickness Gauge suitable for measuring thickness on Plates, Pipes, Pipe Fittings of materials include Steels, Non-Ferrous metals, etc.			
3	SCOPE: Supply and commissioning of the equipment at BHEL, Hyderabad works including training.			
4	SPECIFICATION:			
4.1	Model: Microcontroller based model (LCD) (Vendor to specify model)			
4.2	Standard Probe including cable for measuring thickness up to 200 mm with an accuracy of +/-0.3 mm for thickness up to 25 mm & +/- 1% for thickness 25 mm to 200mm			
4.3	Curvature Probe including cable for measuring thickness on pipes OD ranging from 25 mm to 1000 mm and thickness ranging from 2 mm to 25 mm with an accuracy of +/-0.3 mm			
4.4	Resolution of the instrument shall be 0.01 mm or better			
4.5	Velocity range of the instrument shall be from 1000 m/sec to 9990 m/sec			
4.6	Step Wedge (2 to 20 mm in steps of 2 mm)			
4.7	Calibration Master shall be mounted on the instrument			
4.8	Rechargeable cells with charger to be supplied			
4.9	The batteries shall be readily available in local market.Specify the type & size of the battery			
5	Carrying & Protective case for instrument to be supplied			
5.1	Oil bottle with duster shall be provided			

5.2	The supplier shall submit the product catalogue of the quoted model along with the Offer			
5.3	The instrument shall be capable of working in temperature range of 0°C to 45°C with the accuracy, precision , repeatability as indicated above.			
5.4	The instrument should have large digital display and it shall be visible even in the darkness			
5.5	NABL traceable calibration certificate shall be provided			
5.6	The instrument shall be portable (handy) and easy to move from one place to the other			
5.7	Model no of probes shall be indicated			
6	DEMONSTRATION & TRAINING : Supplier shall demonstrate the above equipment at BHEL, RC Puram, Hyderabad and also required training has to be given on the operation			
7	DOCUMENTATION: The suppliers shall give three copies of the operating manual along with the maintenance manual. The manual shall be in English Language			
8	Vendor shall also indicate if any authorised servicing center in Hyderabad or India.			
9	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.			
10	The instrument shall be guaranteed for its satisfactory performance for atleast one year from the date of commissioning			
11	Delivery period to be indicated by supplier			


 B.RAMAKRISHNA
 AGM/TD


 SHYAM KUMAR
 Manager/QC-TC>


 B.KOTYA
 Sr.Manager/TCGT maint