



BHARAT HEAVY ELECTRICALS LIMITED
Heavy Power Equipment Plant, Ramachandrapuram,
Hyderabad - 502 032. INDIA.
Phones :
Purchase Dept:040-23182514
E-mail : asailoo@bhelhyd.co.in

Indent No. : _____
 Date : _____
 Enquiry No. : _____
 DueDate : _____
 Vendor Qtn. No.: _____
 Date: _____

**Tender documents to be filled by the Vendor for supply of
 DIGITAL TEMPERATURE INDICATOR along with probe-01 No**

NAME OF THE Vendor :		ADDRESS OF THE INDIAN AGENTS:	
PHONE NOS.:		TELEPHONE NOS.:	
FAX NOS.:		FAX NOS.:	
MAIL ADDRESS :		E-MAIL ADDRESS:	
NOTE:			
1. Vendor shall submit complete information against each clause of the specification given below point by point.			
2. The Vendor should fill the "Offered" Column in compliance to specified requirements and also "Deviations" column, where there is deviation from the requirement. Duly filled specification cum compliance certificate should be submitted along with the bid. Inadequate, incomplete, ambiguous or unsustainable information against any of the clauses of the specifications/requirements shall be treated as non-compliance			
3. The offer and all the documents enclosed with bid should be in English language only.			
4. Vendor shall submit answers and details (if req) to each & every clause as per this spec document format in other case offer will be rejected			
Sl.No.	Description for BHEL Requirement	Offered	Deviations
1	PURPOSE: Digital Temperature indicator along with PRT or SPRT probe is required in our E&I labs for reference temperature measurement in calibration of RTD's.		
2	PREQUALIFICATION REQUIREMENT : a) The suppliers shall give a list of atleast two PO copies or customers list with contact numbers/email id's to whom similar Digital Temperature indicators are supplied, preferably Govt./ public Sector b) The vendor shall be OEM or authorised distributor and the supporting documents need to be submitted		
3	Technical details of Digital Temperature indicator:		
3.1	Digital temperature indicator and Sensor shall cover temperature measurement range of -20 °C to 600 °C. Note: Supplier shall specify the actual range offered for both the instruments.		
3.2	Sensor (probe) type: PRT/SPRT		
3.3	i) Accuracy of Digital temperature indicator shall be 0.04 °C. or better. ii) Accuracy/calibration uncertainty of PRT/SPRT sensor shall be : 0.025°C. or better. ✓ Note: Supplier shall specify the actual accuracy offered for both the instruments		
3.4	Resolution of Digital temperature indicator shall be 0.001°C. or better. Note: Supplier shall specify the actual resolution of the instrument being offered.		
4	Digital Temperature Indicator shall have LCD/LED display with back light: Vendor to note and conform		
5	Digital indicator shall have 2 channels for connecting 2 sensors simultaneously and shall also have provision to show the readings of both the channels during process: Vendor to note and conform		

Sl.No.	Description for BHEL Requirement	Offered	Deviations	Remarks
6	Supplier shall provide suitable mechanism to connect PRT/SPRT Sensor to the Digital temperature indicator for temperature measurement : Vendor to note and conform			
7	Digital Temperature Indicator shall have provision to enter the coefficients of other PRT/SPRT's of ranges which can be accommodated in the offered instrument so that they can be used with it.(Shall be Compatible to work with other PRT/SPRT's with in the offered temp measurement range) : Vendor to note and conform			
8	PRT/SPRT sensor shall have diameter in the range of 6.00 mm to 8.0mm and length in the range of 300 mm to 450mm.(Approximately) : Vendor to note and conform			
9	Supplier shall provide suitable protective carrying case for Digital temperature indicator and PRT/SPRT sensor: Vendor to note and conform			
10	Supplier shall provide 4 point calibration certificate along with the equipment, traceable to national/international standards each for Digital temperature indicator and PRT/SPRT sensor : Vendor to note and conform			
11	Input power supply: Digital temperature indicator shall be either 230V, 50Hz mains operated or battery/DC adaptor operated. Note: In the case of rechargeable battery the charger shall be provided.			
12	Digital temperature indicator shall be supplied with PRT or SPRT probe : Vendor to note and conform			
13	Operating temperature shall be 10°C to 40°C : Vendor to note and conform			
14	Vendor should submit the detailed catalog along with the offer			
15	Vendor to take full responsibility for carrying out the demonstration & proveout at our BHEL works and shall provide Suitable training on all operational aspects and routine maintenance : Vendor to note and conform			
16	The equipment shall be in Compliance with the relevant safety standard such as EN6101-1:2001 or CE conformity/EN 61326 or equivalent standard: Vendor to mention his standard			
17	GUARANTEE: The Digital temperature indicator along with PRT/SPRT shall be guaranteed for satisfactorily and trouble free service for at least 12 months from the date of commissioning and final acceptance. :Vendor to note and conform			
18	DOCUMENTATION: Three sets of operating instruction manuals has to be supplied: Vendor to conform			
19	PACKING : Rigid packing to be made for all items of complete machine, all accessories and other supplied items to avoid any damage/loss in transit. When machine is dispatched in containers, all small loose items shall be suitably packed in boxes. Packing list to be provided in the box			
20	Delivery period to be indicated by the supplier			


B.RAMAKRISHNA
 AGM/TD


D RAMESH
 Sr.Engineer/E&I labs


AKHILESH KUMAR BHARTI
 Engineer/Shop Maint-02 shop