



TECHNICAL SPECIFICATION FOR DIGITAL PRESSURE METER

1. Item Description: Hand held Digital Pressure meter

2. Range & Resolution: As per the table below

SI.No.	Operating Range	Resolution
1.	0-140 mbar	0.1

3. Display : LCD

A. Accuracy : ± 0.2 % Full scale

5. Scales : Manually selectable — mbar, mmWC

6. Mode of Measurement : Fast and Slow

7. Power : Battery operated

8. Certification : CE marking

9. Test certificate : Calibration certificate traceable to National Standards

10. O&M Manuals : To be furnished with supply.

11. Warranty : 12 months from date of supply.

Signature and Office Seal of Vendor



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Technical Specification for ANALOG BAROMETER

1) Description	Hand held PRECISION ANEROID BAROMETER
2) Display	ANALOG
3) Operating Range	930-1070 mbar
4) Resolution	1.0 mbar
5) Accuracy	+/- 1.0 mbar
6) Scales	mbar
7) Size	Preferable Dia - 5" X Depth 2"
8) Portability	Instruments shall be supplied with suitable Wooden box or any other case
9) Test certificate	Calibration Certificate traceable to National Standards
10) O&M Manuals	To be Furnished with supply
11) Warranty	12 months from the date of supply
12) Certification	CE marking

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TECHNICAL SPECIFICATION FOR Digital Temperature indicator

ITEM	REQD SPEC.
THERMOCOUPLE USED	K TYPE
DISPLAY	3 AND HALF DIGITS LCD with resolution of 0.1 Deg C. Accuracy +/- 0.5 Deg C + 1 Digit, Display selectable with Deg C and Deg F.
POWER SUPPLY	BATTERY OPERATED
RESPONSE TIME	3 SEC APP.
EXTERNAL RESISTANCE	100 OHMS MAX.
AMBIENT TEMP	0 TO 50 DEG C
CARRYING CASE	THE METER SHOULD BE HOUSED IN A SUITABLE CARRYING CASE.
Warranty	12 months from the date of supply

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Pre-Qualification requirement(PQR)

Vendors who satisfy the following criteria can only quote:

1. Should offer Digital Pressure Meter, Digital Temperature Indicator and Analog Barometer as per BHEL specification without any deviation.
2. Should have supplied above mentioned instruments to reputed firm and working satisfactorily at least one year at the time of offer submission.
3. Should provide full technical details and years of operation of supplied instruments.
4. Should submit copy of purchase order to substantiate supply of Digital Pressure Meter, Digital Temperature Indicator and Analog Barometer
5. Should submit credentials of supply i.e. customers name, phone number, Email etc. as a part of reference along with offer.

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Item Annexure for Enquiry no 2700542E

Sl no	Material Code	Item Description	Quantity (No)	Quoted/ Not Quoted
1	CA8617260000	Supply of Digital Pressure Meter as per Technical Specification	6	
2	CA8617260001	Supply of Digital Temperature Indicator as per Technical Specification	2	
3	CA8617260002	Supply of Analog Barometer as per Technical Specification	1	

Sl no 01, 02 and 03 will be procured as an individual item.

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Price Bid Format for Enquiry no 2700542E

Sl no	Material Code	Item Description	Quantity (No)	<u>Unit Price in INR</u>
1	CA8617260000	Supply of Digital Pressure Meter as per Technical Specification	6	
2	CA8617260001	Supply of Digital Temperature Indicator as per Technical Specification	2	
3	CA8617260002	Supply of Analog Barometer as per Technical Specification	1	
4	GST(extra) on sl no. 01 to 03 (Supply) in percentage			

Sl no 01, 02 and 03 will be procured as an individual item.

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CHECKLIST

Sl. No.	Document Name	Vendor Confirmation (Signed copy to be submitted along with Techno Commercial Offer)
01	Annexure A	Submitted ☐ Not Submitted ☐
02	Annexure B	Submitted ☐ Not Submitted ☐
03	Technical Specification	Submitted ☐ Not Submitted ☐
04	Pre-Qualification Criteria Documents	Submitted ☐ Not Submitted ☐
05	Unpriced Bid	Submitted ☐ Not Submitted ☐
06	Priced Bid	Submitted ☐ Not Submitted ☐

Important Note:- This is a conventional Tender (Hard Copy Submission) not through EPS.



Special Terms and Conditions

a). Earnest Money Deposit: NIL

b). Other points of Tender

1). This is a conventional Tender not through EPS. Sealed tenders super-scribed with Tender Number, Due Date, Item Name & Supplier's Name shall be addressed to Manager / Purchase dept., Bharat Heavy Electricals Limited, Ranipet – 632 406, Tamilnadu, INDIA, so as to reach him on or before the date and time specified in the tender. It shall contain TWO separate sealed covers as under:-

Sealed envelope super-scribed “Cover I – “Technical-Commercial Bid”, with Tender Number, Item Name, Tender Due Date & Supplier’s Name and

Sealed envelope super-scribed Cover II (Price bid), with Tender Number, Item Name, Tender Due Date & Name of the Supplier.

Price Bid (i.e. Un-priced bid but with Price duly filled-in) in conformance with the commercial terms as per Cover II.

The Prices shall be indicated in both figures and words, clearly specifying the currency used. Differential foreign currencies may not be used in a given offer.

Wherever there is a discrepancy between the figures and the words, the value as indicated by words shall be taken as the “Price” by the Purchaser. Similarly, if there is a discrepancy between the Unit Price and the Value on account of arithmetical error in the computation of the Value (Price x Quantity), only the Unit Price would be taken by the Purchaser for consideration. No corrections would be permitted. Error statements should be completely erased / struck out and fresh values given in the offer, which should be initialled and attested by the tender submitting authority.

Note

- (i) The price break-up should be in line with technical specification / scope of the tender. (All charges like Cost of basic machine, accessories, spares, packing charges, forwarding charges, training, installation, erection and commissioning charges shall be shown Separately). Under no circumstances shall the Erection & Commissioning charges be included in supply.
- (ii) Additional Charges such as packing and forwarding (P&F) may be quoted either on lump sum basis or as a percentage of the basic cost of the machine.
- (iii) Erection & Commissioning (E&C) value will include services to be rendered at BHEL like erection, commissioning, job proving, performance tests, and training to operators etc. The E&C value shall be quoted separately by the bidders.
- (iv) Charges for Erection & Commissioning (E&C) may preferably be given on lump-sum basis, clearly indicating the number of working / calendar days for which the charges are applicable. It should be noted by Supplier that Service Tax / Income Tax as levied by the Government of India is deductible from the E&C Charges. The Certificate of Income Tax deduction at source would be furnished by BHEL.
- (v) Where applicable, the charges for erection and commissioning, or for any such service, which involves deputation of experts / engineers from the Supplier, *per-item* rates are also to be furnished.



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- (vi) The estimated E&C value is (0%) of the Basic cost of the System if not specified otherwise.
- ^(vi) In case where quoted value is less than the value (0%) specified herein or separate values are not mentioned in the offer, value for E&C portion shall be deemed to be considered as the value indicated herein (0%) and accordingly supply value will be adjusted from that quoted value and balance will be released as E&C payment as per the payment procedure mentioned in "Standard Commercial Terms & Conditions".