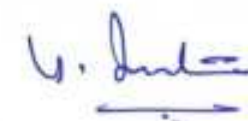


SPECIFICATION OF PRESSURE GAUGE

Clause No.	PARAMETERS	DESCRIPTION	BIDDER RESPONSE	Pressure Gauge Range (kg/cm ²)				
				0-1000-1100	0-700-800	0-550-650	0-400-450	0-200-300
1	ITEM DESCRIPTION	Bourdon tube pressure gauge	Bidder to note					
2	SCALE RANGE	As per the Range required	Bidder to specify					
3	DIAL	6"	Bidder to specify					
4	ACCURACY	0.5% of Full Scale Value (FSV)	Bidder to specify					
5	LEAST COUNT	Bidder to specify	Bidder to specify					
6	MEDIUM	Liquid (oil and water)	Bidder to specify					
7	OPERATION TEMPERATURE	Ambient: -20°C to +60°C	Bidder to confirm					
8	MOUNTING TYPE	Direct mounting & Bottom entry	Bidder to confirm					
9	PRESSURE CONNECTIONS	Male connector - Size M20 x 1.5 or 1/2" BSP	Bidder to confirm					
10	DIAL	White anodised aluminium marked in black finish.	Bidder to confirm					
11	DIAL MARKING	Single (Kg/cm ²)	Bidder to confirm					
12	POINTER	Micrometer adjustable, stainless steel / Al coloured black	Bidder to confirm					
13	PRESSURE ELEMENT	Stainless steel bourden tube - SS316 (preferred) / SS304	Bidder to specify					
14	CASE	Stainless steel polished- SS316 / SS304	Bidder to confirm					
15	OVER RANGE PROTECTION	At least 130% of full scale.	Bidder to confirm					
16	ENVIRONMENTAL RATING	Dust proof and splash proof - IP65	Bidder to confirm					
17	FILLING TYPE	Pressure gauge shall be filled with glycerin	Bidder to confirm					
18	STANDARD	As per IS 3624/1987, EN 837-1, ASME B 40.100	Bidder to confirm					
19	TRACEABILITY	Each gauge shall carry a unique serial no. linked to calibration record.	Bidder to confirm					
20	PACKAGING & MARKING	gauges should be individually packed with protective covers, and dial should have manufacturer's logo + serial no.	Bidder to confirm					

21	CALIBRATION CERTIFICATE	(i) Calibration certificate covering entire range with minimum 5 equidistant calibration points. (ii) NABL accredited lab traceable to national standards. (iii) Copy of calibration certificate of reference standard instruments used for calibration to be submitted.	Bidder to confirm						
22	SAMPLE INSPECTION	After placement of P.O., the supplier has to provide a set of pressure gagues (2 Nos from every range) within 30 days. BHEL will verify and confirm the performance and give clearance with in a weeks time for full delivery/modification/rejection.	Bidder to confirm						
23	WARRANTY	1 year Warranty Certificate shall be provided.	Bidder to confirm						
24	GENERAL	BHEL has a right to accept/reject the product if the supplied items are not meeting the requirements as specified above	Bidder to confirm						



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Pre-Qualification Criteria			
PR.NO:	144068119	DATE: 19.08.2025	
SI.NO	BHEL REQUIREMENT	VENDOR'S CONFIRMATION	VENDOR'S REPLY
			TO BE FILLED
1. PRE QUALIFICATION REQUIREMENT			
1.1	Only Those bidders who have prior experience in supply of Pressure Gauges to any private or Public Organisation /Government Institutions/ in the past 5 years are eligible to quote. The bidder has to submit at least one P.O. copy or any other reference document as a proof of supply.	Bidder to confirm and furnish	
1.2	The bidder may be an Original Manufacturer (OEM) or Dealer/Distributor. Suitable certificate is to be submitted along with technical offer.	Bidder to furnish	
1.3	The Bidder has to submit at least 1 Performance Certificate of pressure gauges for any of the POs mentioned in SI No.1.1 from their customers, for satisfactory performance meeting the following conditions: (a) The pressure gauges had been supplied more than one year before the first date of tender opening. (b) Satisfactory performance of the gauges for the period of 1 year.	Bidder to confirm and furnish	
1.4	Offers not confirming to the enquiry specifications will be summarily disqualified & rejected.	Bidder to confirm	
2. Delivery Schedule:			
2.1	Delivery 60 days from the date of PO	Bidder to confirm	



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