



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
MATERIALS MANAGEMENT DIVISION
Powai, Mumbai 400076.

Ref. PR No. 1000052301

RFX. No. 6100002752

Item Description: Potable Liquid Calibration Bath

Sr. No.	Item Description	Detailed Technical Specification	Technical Compliance (Yes / No)	Additional Information (if any)
1.	Potable Liquid Calibration Bath	<ul style="list-style-type: none">• Range (at 25 °C ambient temperature): –25 °C to 140 °C• Accuracy (covers all sources of error including calibration uncertainty, stability, uniformity, and repeatability): 0.1 °C• Display resolution: 0.01 °, 0.001°• Stability: 0.01 °C• Typical uniformity: 0.02 °C• Repeatability: 0.04 °C• Heating time: –25 °C to 25 °C: 35 minutes 25 °C to 140 °C: 55 minutes• Cooling time: 140 °C to 25 °C: 45 minutes 25 °C to –25 °C: 75 minutes• Settling time: 10 minutes• Fluid volume: 2.5 liters• Fluid working area: 75 mm x 75 mm (3 in x 3 in)		

		<ul style="list-style-type: none"> • Maximum fluid depth: 154 mm (6.1 in) • Casing Material: Stainless Steel and rust resistant • Ready and hot indicator: Should be available • Weight: 20 Kg or lesser. • Power requirements: 200 V to 230 V, 50/60 Hz, 1150 W • Calibration Certificate: OEM ISO 17025 accredited certificate • Communication: RS 232 / USB / Eqv • Large color display that indicates date and time, bath fluid temperature, setpoint temperature, control indicator when the fluid is at setpoint, and heating status, overflow container to collect fluid if overflows from the Well. 		
General Terms and Conditions				
	Warranty	A comprehensive warranty shall be provided for a period of one (1) year from the date of supply.		
	Training	<ul style="list-style-type: none"> • The supplier shall provide the testing, commissioning and demonstration of the equipment. • Training to the staff at least 06 persons on the equipment and maintenance. 		
	Payment Terms	<ul style="list-style-type: none"> • 100% payment shall be made within 30 days by ICICI Foundation on behalf of IIT Bombay after successful delivery and installation at the specified location.` 		