



Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited
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**Procurement of Medical Items for the Blood Centers at Hospitals and Medical
Colleges of Govt. of West Bengal**
(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-175/2025	Dated-01.03.2025
2 nd call of bid reference no. WBMSCL/NIT-193/2024 Dated-11.03.2024	

Amendment-I

Revised Technical Specification

Item-9

Water Bath – Serological

1. TECHNICAL CHARACTERISTICS:

1.1. Water Bath with MICROPROCESSOR technology

- Bright temperature display (LED/PID)
- Seamless, splash – proof keypad
- Splash-proof mains switch
- Optical warning signal with timer for the cut off function
- Drain screw for conveniently emptying the bath
- Dry-running protection
- Removable bottom plate
- Should have audio-visual alarm if temperature serve more than the setting
- Working temperature range: Room temp upto 100° C
- **Temperature Stability:** ± 1° C
- **Display:** LED
- **Display Resolution:** 1° C

- **Heater Capacity:** 2000W
- **Filling Volume:** minimum 15 Ltrs.
- Should have a stirrer
- **Settings:** Manual
- **User's Interface:** Manual

2. PHYSICAL CHARACTERISTICS:

2.1. **Heat Dissipation:** 2000w

3. ENERGY SOURCE (electricity, UPS solar, gas, water, CO2.....):

3.1. **Power requirement:** Input voltage 220/240v 50Hz

4. ACCESSORIES, SPARE PARTS, CONSUMABLES:

4.1. **Accessories & spare parts:** Complete with comprehensive set of spare parts. The make, rating, model, description, specification, price, quantity of each item shall be furnished separately.

5. ENVIRONMENTAL & DEPARTMENTAL CONSIDERATIONS):

5.1. **Atmosphere / Ambiance (air conditioning, humidity, dust..):** Capable of operating continuously in ambient temperature of 10 to 40 deg C and relative humidity of 15 to 90%

5.2. **Additional requirement:** All Items should specify design qualifications, installation qualifications, operational qualification and performance qualifications, validation and calibration reports should have traceability towards applicable national/ international standards. Performance, efficiency, other factors such as distortions etc as applicable be also furnished. Complete construction details in respect of manual specification, thickness, finish etc are to be furnished.

6. WARRANTY & MAINTENANCE:

6.1. **Warranty:** 2 years

Certifications:

Valid CDSCO Certificate License for the manufacturer(s) & Registration Certificate from CDSCO for the importer(s) as applicable.

Note:

1. Installation Quality (IQ), Operational Quality (OQ), Performance Quality (PQ) certificate to be submitted during installation of the machine.
2. 3rd party calibration certification should be also be provided during installation