
EQUIPMENT SPECIFICATION DOCUMENT – 07

Cryo Bath

Tender Reference No: IRCSTNB/BB/2026-27/01

Equipment Specification Reference: IRCSTNB/BB/2026-27/EQP-07

Equipment Name

Cryo Bath

Quantity

1 No

TECHNICAL SPECIFICATIONS

- Temperature : 2°C to 6°C
- Input power supply : 230 +/-10% V, 50Hz
- Capacity : 12 plasma bags per cycle
- Approximate thawing time : 2 hours
- Microprocessor-based digital controller
- Stainless steel removable tray
- Audible and visual alarms
- Timer range : 0–4 hours
- 4 × 7 segment LED display
- Compressor, heater and pumping system
- Uniform and optimum thawing
- Accurate temperature maintenance
- Contamination prevention design
- Uniform thawing with pumping mechanism
- Independent safety thermostat
- Filter to prevent clogging

ADDITIONAL REQUIREMENTS

- Minimum 5 Years Comprehensive Warranty
- OEM Authorization Letter Mandatory wherever applicable
- Local service support presence in Chennai mandatory
- Demonstration and operational training shall be provided
- Calibration support wherever applicable
- User manual and technical brochure shall be provided
- Compliance with applicable BIS/IEC/ISO standards

WARRANTY REQUIREMENT

The bidder shall clearly specify detailed warranty coverage for the complete 5-year warranty period including:

- Spare parts covered
- Labour charges
- Onsite service support
- Preventive maintenance visits
- Calibration support wherever applicable
- Replacement of defective components
- Any exclusions or consumables not covered under warranty
- Any component/service attracting additional cost during warranty period

DOCUMENTS REQUIRED

- Technical Brochure
- OEM Authorization Letter wherever applicable
- Compliance Sheet
- Warranty Undertaking
- Product Certifications wherever applicable