

## **EQUIPMENT SPECIFICATION DOCUMENT – 06**

### **Automatic Blood Component Extractor**

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

Equipment Specification Reference: IRCSTNB/BB/2026-27/EQP-06

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#### **Equipment Name**

Automatic Blood Component Extractor

#### **Quantity**

1 No

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#### **TECHNICAL SPECIFICATIONS**

- Voltage frequency 50/60 Hz
- Approximate size : 455 mm (W) × 540 mm (D) × 670 mm (H)
- Weight : 32 Kg
- Power Input : AC 100V to 240V
- Power Consumption : 150W
- Pressure : 4–6 bar
- Sensor System : 8 set + 1 optical color chromatic sensors
- RS-232 interface for barcode reader
- RJ-45 or wireless Ethernet connection
- EN 61326-1 EMC Class A Compliance
- EN 61010-1 Safety Compliance
- Data logging capability
- Safe press system
- Graphical color display
- Adjustable sealing time : 0.5 to 4 seconds
- Frequency : 40.68 MHz

- Standard accessories including barcode reader and WLAN antenna
  - LAN and WLAN communication
  - Operating temperature : +5°C to +45°C
  - Storage temperature : –20°C to +70°C
  - European Classification : Class I medical device accessory
  - High-quality blood component separation
  - Reduced noise and user-friendly interface
  - High precision separation
  - Highly accurate weight scales
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### **ADDITIONAL REQUIREMENTS**

- Minimum 5 Years Comprehensive Warranty
  - OEM Authorization Letter Mandatory
  - Local service support presence in Chennai mandatory
  - Demonstration and operational training shall be provided
  - Calibration support wherever applicable
  - LAN/WLAN accessories shall be included
  - User manual and technical brochure shall be provided
  - Compliance with applicable BIS/IEC/ISO standards
  - CE/FDA/CDSCO certifications wherever applicable
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### **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
  - Software/firmware support wherever applicable
  - Any exclusions or consumables not covered under warranty
  - Any component/service attracting additional cost during warranty period
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## **DOCUMENTS REQUIRED**

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