



## Notice Inviting e-Tender

**West Bengal Medical Services Corporation Limited**  
**Swasthya Sathi**  
**GN-29, Salt Lake, Sector-V**  
**Kolkata-700091**

Phone No (033) 40340307/320  
E mail: [procurement@wbmsc.gov.in](mailto:procurement@wbmsc.gov.in)

**Supply and Commissioning of Medical equipment for 02 (two) new Government**  
**Medical College & Hospital, Dept. Of Microbiology**

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-151 /2023

Dated- 31.03.2023

### AMENDMENT-I

### REVISED TECHNICAL SPECIFICATION

### SCHEDULE II

Item No.	Item Name	Technical Specification
ITEM NO. 1	Lab Refrigerator (minimum 400 litres)	Frost free. Capacity: 400 Liters or more Temperature Range : 2°C to 8°C Temperature Accuracy -±0.5°C Controller - PID Controller Construction - Exterior: Powder Coated Mild Steel; Interior: Stainless Steel / Powder Coated CRC Steel Door - Standard hinged single glass door Insulation - PUF insulation Trays - Adjustable Shelves (Minimum 4 nos.) Refrigeration - CFC Free compressor Air Circulation - Forced air circulation Alarms - Audio / Visual alarm for High / low temperature Power - 220 / 230 Volts 50 Hz Certification: CE / EC / UK Cert / US FDA / BIS
ITEM NO. 2	Deep Freeze	Hold over time in ambient temperature in hours: 2 or more

	-20° C	<p>Temperature range for machine in °c: (-) 20° to (-) 22°  Working temperature: -20° C  Ability to work in ambient room temperature in °c: (18 to 35) or more  Volume in litres: 300 or more  No. Of adjustable steel racks in inner chamber: 3 or more</p> <p>Thickness of powder coated crca steel sheet of outer body in mm: 1  Type: Vertical Frost free  Inner chamber with stainless steel/ Powder Coated CRC Steel for insulation to minimize heat loss  Solid state digital indicator cum controller with audio visual alarm  Alarm for: high low temperature, power failure  Counter balanced door  Cfc free refrigerant  Digital temperature display with 0.1°c graduation  Silicon or polyurethane foam insulation panel for casing and door quality  Certification: CE / EC / UK Cert / US FDA / BIS</p>
ITEM NO. 3	Deep Freezer -80° C	<p>Hold Over Time in Ambient Temperature (IN HOURS): 2 or more  Temperature range for machine in °C (-) 40 to (-) 85  Ability to work in ambient room temperature in °C: 18 to 28  VOLUME in Litres: 300 or more  No. OF ADJUSTABLE STEEL RACKS IN INNER CHAMBER: 3 or more  THICKHNESS OF Powder coated CRCA steel sheet of OUTER BODY in mm: 1  Type: Upright  INNER CHAMBER WITH Stainless steel for insulation to minimize heat loss  MICROPROCESSOR BASED TEMPERATURE CONTROL  Solid state digital indicator cum controller with audio visual alarm  ALARM FOR: HIGH LOW TEMPERATURE, POWER FAILURE  Counter balanced door, Inside acrylic doors to avoid temperature loss  CFC FREE REFRIGERANT  To be supplied with 5KVA or more servo stabilizer.  Should be supplied with 02 pairs of cryo gloves.  Digital temperature display with 0.1°C graduation  SILICON OR POLYURETHENE FOAM INSULATION PANNEL FOR CASING AND DOOR QUALITY  STANDARD &amp; SAFETY Certification: CE / EC / UK Cert / US FDA / BIS</p>