



## **Notice Inviting e-Tender**

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

**Bid Reference No.: WBMSCL/NIT-193/2024**

**Dated-11.03.2024**

### **Amendment-II**

## **REVISED TECHNICAL SPECIFICATION**

### **ITEM-8**

### **PLASMA THAWING BATH**

#### **1. TECHNICAL CHARACTERISTICS:**

##### **1.1. Construction:**

- Table top with top opening having a deep thawing chamber with a stirrer or pump mechanism to maintain water at  $37 \pm 1$  deg C and inline heating system to ensure uniform thawing.
- Quick thawing (<20min) should be able to thaw minimum of 6 plasma bags of standard 300 ml capacity (FFP/cryoprecipitate/Aphaeresis or plasma bags).
- Tray with individual compartment to ensure that port of bags should be kept above water levels during the procedures.
- Should give an alarm when the plasma bags are thawed.
- Should have digital temperature display.
- Should have audio visual over temperature alarm system.
- Should have a system to drain the chamber easily.
- Should be supplied with a cover to keep the unit covered when not in use.
- Simple to use and easy to read LED display.
- Drain line with shut-off valve.

- 1.2. **Tray:** Removable type Stainless Steel trays with partitions for holding plasma bags.
- 1.3. **Capacity:** minimum of 6 plasma bags of standard 300 ml capacity.
- 1.4. **Setting:** Manual
- 1.5. **User's interface:** Manual

## **2. Energy Source (electricity, UPS/battery, solar):**

- 2.1. **Power Requirements:** Input voltage 220 /240V 50Hz single phase.
- 2.2. **Other energy supplies:** Suitable UPS with maintenance free batteries for minimum 30 mins backup should be supplied with the system.

## **3. ACCESSORIES SPARE PARTS CONSUMABLES:**

- 3.1. Reusable wrap bag 500 numbers.

## **4. ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATION:**

- 4.1. **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%  
Capable of operating continuously in ambient temperature of 10 to 40 degree C and relative humidity of 15 to 90%
- 4.2. **Additional requirement:** all Items should specify design qualification operational qualification and performance qualification validation and calibration report should have traceability towards applicable National/International standards. Performance efficiency other factor such as distortion etc as applicable be also furnished. Complete construction details in respect material specification thickness finish etc are to be furnished.

## **5. STANDARD AND SAFETY:**

- 5.1. **Product Certification:** CE / US FDA / BIS certified

## **6. WARRANTY AND MAINTENANCE:**

- 6.1. **Warranty:** 2 years

