



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

**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 ± 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

