



Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited

Swasthya Sathi

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Kolkata-700091

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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-22

Blood bank refrigerator (300 Ltr)

1. Should be able to accommodate **atleast** 120 numbers standard blood bags for each of 350 ml capacity
2. Temperature should maintain between +2° C to +6 °C.
3. Should be provided with a temperature recorder (weekly chart recorder).
4. The unit should be mounted on wheels.
5. The external cabinet should be of rust proof material and have internal SS sheet and should have sliding trays made of stainless steel.
6. Should have an inner plexidoor for each compartment separately for easy viewing the blood bags. Outer lockable double glass door with air gaps.
7. Should have a digital sensor dipped in liquid/air medium.
8. Should have a display for temperature.

9. Internal temperature hold overtime in case of power failure should be at least 1 ½ hrs.
10. Should have an internal light
11. Should have visual, audible indication for door open, high and low temperature and power on.
12. Alarm system & recorder should be incorporated with battery backup for minimum 2hrs.
13. Should have a vertical cabinet.
14. Should have a CFC free, Urethane foam insulation (50-90mm) to protect cabinet from ambient temperature fluctuations
15. System should have a positive forced air circulation to maintain temperature uniformity at all shelf levels with +/- 1degC.
16. Should have sensors for activating automatic defrost cycles to minimize the frost build up.
17. Should be provided with a voltage stabilizer (external or inbuilt) of appropriate ratings.
18. Should operate on mains 220-240Vac, 50 Hz single phase.
19. Temperature recording chart (300nos) and ink pen (5 nos) / Data logger with Data Transfer facility shall be supplied free of cost.
20. Calibration Certificate has to be done in every 6(six) months and should be provided free of cost during entire warranty period as and when required by the facility.
21. Product certification: CE / US FDA/ BIS.

****Note Applicable for item no. 1 to 22:**

- 1. Installation Quality (IQ), Operational Quality (OQ), Performance Quality (PQ) certificate to be submitted during installation of the machine.**
- 2. 3rd party calibration certification should be also be provided during installation**