



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-4

BLOOD COLLECTION MONITOR

- a. The system is used to collect donated blood from the donor at the same time mixing the blood for quality collection of blood.
- b. It is meant for stationary and mobile use. Gentle end to end mixing and control of collection time to give high quality blood suitable for all blood bags.
- c. Volume Setting: Pre-selection of volume to be collected. Tarring of bag volume before collection. Tarring range: 0 – 600 g. Automatic storage and recall of set volume. Measure volume with best accuracy.
- d. LED indication on commencement of collection.
- e. LED indication and audible alarm at the end of collection.
- f. Indication of time taken for collection.
- g. Indication of blood flow with audio alarm when blood flow is higher or lower than desired.
- h. Continuous display of collected volume, flow and time during collection.
- i. Automatic clamping at termination of preset volume collection.

- j. Automatic release of bag when lifted.
- k. Continuous agitation of blood bags during collection: 12 – 16 rpm (minimum).
- l. Items carry case for Blood Collection Monitor should be provided for portability.
- m. Should operate on mains as well as rechargeable battery. On battery it should operate for a minimum of 5 – 8 hours.
- n. The unit shall be capable of operating continuously in ambient temperature of 10 – 40 °C and relative humidity of 15 – 90%
- o. Power input to be 220 – 240 VAC, 50Hz Single Phase as appropriate fitted with Indian plug.
- p. Resettable over current breaker shall be fitted for protection.
- q. Suitable Automatic Voltage regulator/ stabilizer meeting ISI specifications should be supplied. Broad specifications are: Automatic Type Input 150 – 280 VAC, Output 220V± 7%, 50Hz.
- r. Warranty : 2 years
- s. Certifications:
 - Product certification: CE / US FDA / BIS certified.