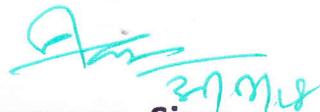


QUOTATION FOR PURCHASE OF BLOOD STORAGE REFRIGRATOR

Sealed quotation are invited for the purchase of Blood Storage Refrigerator (for detail of Specification term & condition see at the link of DHFWS Sirsa www.nrhmsirsa.org) for district sirsa .Quotation should reach up to6/2/18.....by 3pm Excluding Holidays, Quotation will be opened on dated.....6/2/18.....by.....4 PM.....


Civil surgeon, Sirsa

Item No. 28 Technical Specification - Blood Bank Refrigerator

Storage Capacity: 300 Bags of 450ml capacity each

1. **Basic requirement:** Upright Blood Storage Refrigerator having capacity of 50-60 standard blood bags of 450ml capacity each. Temperature range from +2°C to +6°C with accuracy of $\pm 0.5^{\circ}\text{C}$.
2. **Construction:**
 - CFC free polyurethane insulation to ensure temperature integrity.
 - Heavy duty castors (front castor with lock and brake).
 - Door lock with Stainless Steel handles for proper security.
 - Unbreakable heated glass door with proper frame to eliminate fogging.
 - Fully extendable Stainless Steel drawers with solid bottom.
 - Fully height fluorescent interior light.
 - Arrangement for forced air circulation for uniform cooling inside the cabinet.
3. **Refrigeration system:** Hermetically sealed air cooled compressor of suitable of suitable capacity to maintain suitable temperature of $+4^{\circ}\text{C}$ ($\pm 2^{\circ}\text{C}$) operational on 220 $\pm 10\text{V}$, 50 Hz, Single phase AC supply, CFC free refrigerant.
4. **Solid state electronic control for:** microprocessor based audio visual alarm system for low and high temperature and door ajar with remote alarm facility.
5. **External Ambient temperature:** It should be able to perform efficiently upto an ambient temperature of 45°C .
6. **Hold over time:** Should be atleast 30 minutes for a full load of blood packs at $+4^{\circ}\text{C}$ to $+6^{\circ}\text{C}$.
7. **Cooling down time:** A full load of blood packs at $+25^{\circ}\text{C}$ should take a maximum of 13 hours for all the packs to reach below $+6^{\circ}\text{C}$.
8. **Electronic chart:** temperature/ data lodger with battery backup for constant operation(the quantity of consumables items like thermograph papers ,matic marker pens shall be supplied to last 2 years without any extra charges.
9. **Compatible Stabilizer with same warranty as for the main equipment.**
10. FDA or equivalent authority certificate for technology in medical refrigeration.
11. Firm should submit an original literature of the model quoted.