

**Technical Specifications**  
**Deep Freezer (Horizontal)**

1. Storage capacity 200 litres & Provides temperature of -20°C with accuracy +-1°C
2. Outer chamber is made of Mild Steel duly pre treated & finished with powder coated paint for lasting finish.
3. Inner chamber made of STAINLESS STEEL (304 Grade) **and should be 100% leak Proof.**
4. Outer front double walled door is insulated and is fitted with magnetic tape for air tight closing for no temperature loss, provided with lock and key arrangement.
5. Door operated illumination lamp is fitted inside the chamber for easy visibility.
6. A full view inner plexi-glass door enables inspection and monitoring of inner chamber milk bottles without disturbing the process temperature.
7. High grade PUF INSULATION between outer and inner chamber for minimal thermal losses **to maintain -20°C for at least 1 hr in case of power-cut.**
8. Direct cooling system for stable temperature control by ISI marked Compressor/Condensing Units CFC free & R-134 a eco friendly refrigerant.
9. Control panel having all controls and circuitry are housed at the top fitted with Temperature controller cum Indicator Microprocessor based with LED display for Set Value (SV) & Process Value (PV) to select any desired temperature provided with Volt meter on the panel to read the incoming voltage.
10. Caster wheel mounted for easy portability.
11. metal mesh (Jali )for storage of milk containers
12. Suitable for operation on 220 to 240 volt, single phase, 50 Hz, A.C. power supply
13. Refrigerant used be non toxic, non hazardous, CFC/HCFC free.
14. Should be provided with Voltage stabilizer or Inbuilt Stabilizer.
15. Should be provided with chart recorder.

**Terms & Conditions:**

1. Manufacturer should have ISO 13485 Certificate.
2. Equipment should be ISI/CE certified.
3. **Guarantee:** Two years on equipment from the date of installation.
4. **CMC:** CMC will be given @ 5 % (of net rate - inclusive of Excise Duty & exclusive of VAT / CST etc.) plus service tax (as applicable) and yearly escalation of 5 % on last year's CMC price. The CMC may be awarded for three years (on yearly basis) after completion of Guarantee period of two years.
5. Installation & Training will be done by supplier free of cost.
6. The service engineer should be based in Rajasthan.
7. The company should mention the make & model name / number of the quoted equipment and submit the technical brochure of the quoted model in the Technical bid along with compliance sheet as per technical specifications.

  
**Executive Director (EPM)**  
**Rajasthan Medical Services Corporation Ltd.,**  
**Jaipur**