

**BLOOD & COMPONENT BANK**  
**J.N. MEDICAL COLLEGE & HOSPITAL AMU, ALIGARH**

Tender under sealed cover are invited from reputed companies are invited for **Deep Freezer (-40 Deg °C)** with following specifications. Kindly provide financial & technical bids separately.

**Specification –**

**Unit Must Include:**

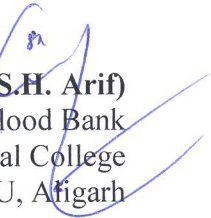
- Must include HFC REFRIGERANTS
- 400 ltr capacity & above upright with one 1 horsepower compressor
- New latch and handle for ergonomic handling and one hand operation
- Powder coat galvanized interior
- Down-feed evaporator
- Fixed stainless steel shelving
- Triple -sealing silicone door gasket
- 5” non-CFC foamed-in-place polyurethane insulation; 4.5” in door
- Two 10” tube axial fans to provide maximum cooling of the compressor housing
- Heavy-duty dual wheel swivel locking casters.
- Automatic voltage compensator responds to high and low voltages
- Powder coat paint for a durable surface
- Service valves provided to allow easy recovery of refrigerants and field servicing.
- Front to back airflow with Removable, cleanable air filter
- Hinged grill swings out for easy access to filter and battery
- A vacuum relief port allows easy re-entry after door openings
- 4” open x 12” long heavy duty hinge for ensuring positive closure and uninterrupted service

**Temperature Control**

- The microprocessor controller must monitor in one degree C increments, with digital display.
- Operating range of –10C to –40C.
- Temperature probe must be positioned to insure the alarm sounds before the stored product can be affected by a rise in temperature.
- Battery back-up for the alarm monitoring system
- Both visual and audible alarms must alert operator of over and under temperature, power fail, door ajar, and low battery conditions.
- Dry contacts included for connection to optional remote alarms.
- Warranty 5 years.

Tender should reach the office of Chairman Dept. of Pathology, J.N Medical College, AMU Aligarh by 30.06.2018

Thanking you.

  
**(Dr. S.H. Arif)**  
Prof. & I/C Blood Bank  
J.N. Medical College  
AMU, Aligarh

