

**Indian Institute of Technology - Kanpur**  
**Department of Biological Sciences & Bioengineering**

Enquiry Number: IITK/BSBE/2016-17/AK/NC 05; Dated: 01-08-2016

**Sub.: Inquiry for the supply of: “ -20 °C Deep Freezer”**

Opening date: August 1, 2016 at 3:00 PM

Closing date: August 8, 2016 at 5:00 PM

Sealed quotes are invited for the above mentioned laboratory products as per the specifications given in the next page.

Your quote should mention/include the following:

- Maximum discount if any should be offered and mentioned.
- Quoted price should include the cost for installation, warranty and required accessories (see below).
- Validity of the quote at least for 60 days.
- FOB (indicating port of shipment) and CIF (New Delhi) values should be quoted separately if import is required. For quotes in INR, the price quote should be for delivery at Kanpur.
- The quote should cover insurance for transport up to Kanpur.
- Indian agency commission if applicable (should be certified by the principal if no agency commission is applicable) in case of import.
- Authorization certificate from the principal if you are a local agent.
- Terms and conditions for the payment, including the banker's name of the principal and the account number, if any, for electronic transfer.
- Include proprietary item certificate if applicable.
- Technical literature to support your product

**Note: Offers should quote for all components of this facility (see next page for details).  
Quotes that do not offer all components will be disqualified.**

**Dr. Ashok Kumar**  
**Department of Biological Sciences & Bioengineering**  
**Indian Institute of Technology – Kanpur**

**-20 °C DEEP FREEZER must possess the following specifications:**

Temp. Range: -16 to -25 °C

Resolution: 0.1 Deg C

Capacity: 245 Liters

Drawers: 5 or more

Multiple size pullout door /drawer

Insulation (CFC Free Polyurethane Foam) 80 mm minimum for Body and 80 mm for Door.

Quick freezing Function, High / Low Temp. alarm

It should be a low power consumption model.

Door Open Alarm.

High hold over time up to 16 Hrs.

Validation protocol as per IQ, OQ And PQ as per ICH guidelines.

Digital Microprocessor controller with display.

Sealed Drawers to prevent frost loss.

With Wheels for easy movement.

Should be supplied with suitable servo voltage stabilizer.