

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

Enquiry Number: BSBE/BA/WT-DBT/NC1, dated: 24/06/2013

**Sub.: Inquiry for the supply of the ultra-low temperature storage facility for biological samples**

Opening date: June 24th 2013 at 10:00 AM

Closing date: July 4<sup>th</sup> 2013 at 5:00 PM

Sealed quotes (technical bid and rice bid separately sealed) are invited for the ultra-low temperature storage facility for biological samples 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 installation and warranty/CMC costs (see below).
- Validity at least for 90 days.
- Warranty period for the instrument: at least THREE years from installation (for items #1 and #2) and additional 2 years onsite CMC (for item #1).
- FOB (indicating port of shipment) and CIF (New Delhi) values separately if requires import.
- 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 (in technical bid).
- Users' list with contact address.

**We would prefer quotes that combine both items and offer a special package.**

The quote (in duplicate) should reach the undersigned on or before 5 pm on July 4, 2013. The envelope should be marked as "Quote for the supply of ultra-low temperature storage facility".

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***Component of the ultra-low temperature storage facility and the essential/desired features:***

***Item No. 1: Ultra-low temperature Freezer (up to -80 °C) - (Quantity 1)***

*Specification:*

- Should have not less than 800 liters capacity with minimum freezer Footprint and maximize sample storage capacity
- Storage capacity for a minimum of 600 boxes (2" inches) and/or vial capacity of minimum 60,000 2 ml vials)
- Should have washable filters and should have superior insulation, and with insulated inner doors to help maintain cabinet temperature during opening.
- Should be energy-efficiency, and should have Power Management system to protect against a wide range of voltage variation (compatible to 230 volts)
- Should have alarm system and remote alarm contacts and 4-20 mA output
- Compatible with external alarm and monitoring systems
- Refrigeration system: CFC/HCFC free Refrigerant.

***Item No. 2: Liquid Nitrogen Tank for storage of samples (Quantity 1)***

*Specification:*

- Should have liquid nitrogen capacity for minimum of 180 liters.
- Should have capacity to store about 6000 vials.
- Diameter of the tank approx. 26 inches with Neck diameter: 8.5 inches.
- Static Evaporation rate (liters/day) < 0.99
- Static Holding capacity: >185 Days
- With 2ml Vial Stainless Steel Racks.
- Equipped with wheeled cart to move the tank.

**The freezer should be supplied with an appropriate voltage stabilizer (can be locally sourced)**