

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

Enquiry Number: BSBE/IITK/NC/BA1, dated: 12/09/2013

Sub.: Inquiry for the supply of equipment “High Speed Refrigerated Centrifuge”.

Opening date: 13th September 2013 at 10:00 AM

Closing date: 19th September 2013 at 5:00 PM

Sealed quotes (technical bid and price bid separately sealed) are invited for the **High Speed Refrigerated Centrifuge** 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 90 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 (in technical bid).
- Users’ list with contact address in technical bid.

Note: Offers should quote for all four accessories for the Centrifuge (see next page for details). Quotes that do not offer these accessories will be disqualified.

The quote should reach the undersigned on or before 5 pm on or before 19th September 2013. The envelope should be marked as “**High Speed Refrigerated Centrifuge**”.

For any query, contact:

Dr. Bushra Ateeq
Department of Biological Sciences & Bioengineering
Indian Institute of Technology,
Kanpur 208016 (UP)

Essential components and features:

Item No. 1: High Speed Refrigerated Centrifuge - (Quantity 1)

Specification: Microprocessor controlled High Speed Refrigerated centrifuge. Should have max. Speed 15,000 rpm with 1.5 / 2.0 ml tubes and max. volume 4 x 100 ml / 6 x 85 ml. Selectable Temperature Range -10 to 40°C. Preselection of time 60 sec to 9 hours and continuous run. Display for all parameters like Speed, Time, Temperature and RCF. Maintenance free induction drive. Motorize lid lock. Stainless steel chamber. Automatic Rotor Identification with over speed protection. Must have Imbalance cut off. CFC free Refrigeration system. Program memory for 50 runs. 10 acceleration / deceleration rates. Quick key for short run. Diagnostic Program for error messages. Provision for Pre-cooling of rotors.

Accessories:

1. Fix Angle Rotor for 24 x 1.5/ 2.0 ml tubes with max speed up to 15000 rpm and 21000 x g.
2. Fix Angle Rotor for 6 x 85 ml tubes with max speed up to 13500 rpm & 20000 x g.
3. Adaptors for 50 ml Conical & 15 ml conical tubes to run at 13000 rpm.
4. Microtitre Plate Rotor for 2 x 3 PCR plates with max. Speed up to 4500 rpm and 2500 x g.
5. Suitable voltage stabilizer.

Warranty period (from date of installation): Minimum 3 years.