

**INDIAN INSTITUTE OF TECHNOLOGY - KANPUR
DEPARTMENT OF BIOLOGICAL SCIENCES & BIOENGINEERING**

Enquiry Number: IITK/BSBE/AKS/NC/2014-15/11, dated: 07-03-2015

SUB.: INQUIRY FOR THE SUPPLY OF A REFRIGERATED CENTRIFUGE

Opening date: March 07, 2015 at 10:00 AM

Closing date: March 17, 2015 at 5:00 PM

Sealed quotes (technical bid and price bid separately sealed) 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 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: Only principal manufacturers or authorized representatives are requested to send the quote along with proper certificates. The envelope should be marked as "**Quote for refrigerated centrifuge**".

Dr. Arun K Shukla
Department of Biological Sciences & Bioengineering
Indian Institute of Technology,
Kanpur 208016 (UP)

Refrigerated microcentrifuge [Quantity: 1]

Essential components and features:

Maximum RCF : 21,130 x g
Maximum RPM : 15,000 rpm
Temperature settings : -10 to +40 °C
Max. rotor capacity : 24 x 1.5ml/2 ml
Acceleration time to max. speed 15 s
Braking time from max. speed 16 s
Soft ramp
Compressor technology to minimize vibrations to protect precious sample
Built in Condensation drain to eliminate water accumulation in the rotor chamber.
Temperature range: -10 °C to +40 °C
Low access height of 51 cm, refrigeration unit should be at the rear of the unit
Maintain constant 4 °C at max. speed
Fast Temp for rapid pre-cooling of the centrifuge
Continuous cooling maintains temperature when centrifugation process is not active
Should be option to use the centrifuge with Kit rotor for 18X spin column, and PCR Strip rotor.
Noise level <56 dB(A)
Dimension in cm (W x D x H) 29 x 48 x 26 cm

Warranty and AMC: Minimum one year warranty and additional two year AMC.

Accessories:

Appropriate voltage stabilizer for the equipment should also be quoted

Centrifuge tubes: Appropriate make centrifuge tubes which can be spun up to 30,000 x g, for test run.

Vendors submitted the quotations should have several installations in and around Kanpur and must have service center at Kanpur/Lucknow area.

Important: Please attach a summary table to highlight the compatibility of your set-up against specific features mentioned here. Absent this table, quotations will not be considered