

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

Enquiry Number: IITK/BSBE/2016-17/AK/NC 07; Dated: 01-08-2016

Sub.: Inquiry for the supply of REFRIGERATED CENTRIFUGE

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

REFRIGERATED CENTRIFUGE must possess the following specifications:

It should have following Features

Pre cooling, Nine Acceleration Profiles, Nine Deceleration Profiles, Fast Spin Calibration window on lid for speed, LCD Display, Digital Control Communications, Self-Diagnostics of errors, PC connectivity with software, Parameters setting switches: Bidirectional Encoder
Brushless motor with frequency drive, Inverter fault detection with auto shut down , Provision for cooling the sample compartment at least up to -8 Deg C
CFC free refrigeration system, Last set parameters recall, Choice of rpm / rcf setting, Temperature display in °C and °F, Digital countdown timer 0-99 min & Continuous run, Log of cumulative run time, Automatic door opening, Automatic Rotar Identification, Motor overload protection. Emergency lid lock release, Imbalance detection with centrifugation cut off, Gas Hinge to prevent door falling, Password protection
Max. Speed: 20000 or more rpm
Max. RCF: 37570 or more g
Max. Tube Size: 100 ml
Max. Capacity: 400 ml
No. of Programs: 99
User defined program: 5 Programs

Should be supplied with 8 x 50 ml, 12 x 15 ml, 24 x 1.5 ml angle heads and suitable servo voltage stabilizer.