

# Indian Institute of Technology Kanpur

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**Enquiry No: IITK/CHM/AKP/2018/02**

**Opening Date: January 16, 2018; 10 AM**

**Closing Date: February 12, 2018; 5 PM**

## **Subject: Quotation for supply of Refrigerated Centrifuge**

Dear Sir/Madam:

Sealed quotes are invited for the supply of **Refrigerated Centrifuge**, as per the specifications given below.

The prospective suppliers are required to send quotation in sealed envelopes. The detailed technical specification, standard/special features of the product being offered should be clearly highlighted. The offered price include the detailed itemized price quotation clearly mentioning the cost of the equipment, applicable discount, taxes, service charges if any, shipping and handling charges.

## **Technical Specifications for Refrigerated Centrifuge and related accessories:**

The specification mentioned below is preferred. Any equivalent or better specifications shall be mentioned in detail for consideration.

The instrument required is a Refrigerated Centrifuge. The following criteria should be met:

- Centrifuge must have swing-bucket rotor with rectangular buckets and 15 ml / 50 ml Falcon adapters.
- Included with Fixed angle rotor for 30 X 1.5- 2 mL,
- Included Fixed-angle rotor for 6 x 85 mL with lids.
- Include Adapter for fixed-angle-rotor 6x85ml, for use with 15 ml and 50 ml Falcon tube, (2 pc x 3 each).
- Rotor Capacity: 4 x 250 ml, 4 x 100 ml, 16 x 15 mL, 4 x 50 mL.
- Maximum Rotational Speed of Centrifuge: 14,000 min<sup>-1</sup>
- Maximum Centrifugal Force of Centrifuge: 20,800 x g
- Maximum Rotational speed of Rotor: 5,000 rpm
- Maximum Centrifugal Force of Rotor: 4,500 x g
- Temperature Range: -9 °C to +40 °C, Sample temperature: < 4 °C at maximum speed.
- Fast cool option & stand by cooling.
- It should have one fixed angle fully autoclavable rotor with the ability to spin 15 ml and 50 ml falcon tubes at 11,000 rpm.
- It should have one fixed angle fully autoclavable rotor with the ability to spin 1.5/2 ml tubes at 14,000 rpm.
- facility to put “at set rpm” function, having multiple acceleration & breaking ramps.

- Ability for more than 10 programs memory with write protection.
- It should have a built in condensation drain to prevent water accumulation & corrosion.
- It should have the ISO, European CE / UL, etc. certification.
- very low noise level, Automatic rotor recognition, motorized lid latch with speed limitation for maximum safety.
- offer automatic Imbalance detection and cut - off Adapter for 15 mL and 50 mL conical Falcon tubes.
- ECO shut-off for reduced energy consumption.
- It should have display which shows Speed, RCF, Time and temperature.

**Your quote should mention/include the following:**

- Validity at least for 60 day. Delivery time 60-90 days.
- Warranty preferably for 2 years.
- Mention F.O.R. Destination or C.I.F (New Delhi) prices separately if requires import.
- The quote should cover insurance and transport up to Kanpur.
- Quotation should carry proper certifications like agency certificate, proprietary certificate, etc.
- Terms and conditions for the payment, including the banker's name of the principal and the account number, if any, for electronic transfer.
- Technical literature to support your product.
- Users' list with contact address.

Concessional rate of GST (@5%) will be applicable with reference to Notification No. 45/2017-Central Tax (Rate) dated 14/11/2017. We will provide relevant certificate for this purpose. On import items for research purpose presently the GST applicable is 0% (zero). DSIR certificate alongwith CDEC has to be submitted for availing concession. Vendor should use these GST rates in their quotation.

- IITK has exemption on excise and custom duty. Suitable certificate would be provided if required by the supplier.

The quote should reach the undersigned on or before **12<sup>th</sup> February, 2018**. The envelope should be marked as **“Quote for the supply of Refrigerated Centrifuge”**

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