

Technical and price bids are invited for the purchase of a REFRIGERATED CENTRIFUGE as per minimum specifications, terms and conditions given below.

**Minimum Specifications for REFRIGERATED CENTRIFUGE**

- Microprocessor controlled, freely programmable with high resolution Graphic Screen
- Motor should be maintenance free, noiseless, brushless
- Facility of preselection of run parameters in terms of rpm and rcf
- Preselection of time should be from 10 sec. to 99 hrs. 59 min or continuous
- Minimum 10 linear acceleration and deceleration curves
- Programme Storing at least 50 run protocols
- Magnetic rotor identification & imbalance sensor with Self diagnostic error messages
- Temperature Range: -10 to +40°C and refrigeration should be CFC free
- Max speed at least : 15,000 rpm or more With max rcf: 21,000 xg or more
- Max Capacity should be at least 400ml with Swing out Rotor
- Max Capacity should be at least 300ml with Angle Rotor
- Machine should have a facility for interchangeable rotors with capacity as low as 1.5ml and up to 400ml.
- Should be compatible with high speed 6x30ml Angle Rotor spins up to at least 15000rpm
- Should be compatible with Angle Rotor 24x1.5/2.0ml with 15000rpm or more.
- Should be compatible with MTP swing out Rotor
- Rotors: Angle rotor for 6x50ml Culture tubes Max. speed 12000 rpm or more & Adapter for 15ml tubes
- Rotors: Angle rotor for 6x50ml centrifuge tubes with max. speed 12000 rpm or more & Adapter for 15ml tubes
- Minimum 12 centrifuge tubes for 6x50ml rotor

**Terms & Conditions:**

1. The quotations must have validity of at least three months.

2. Quotation must include insurance and air-freight charges, delivery period of the items addresses to The Indian Institute of Technology, Delhi, India(CIF, New Delhi).
3. The products will be used for educational purposes. Any applicable academic institution discounts should be offered and stated.
4. Detailed colour printed original brochure from the principles should accompany the offer.
5. If the bidder is an authorized dealer then the valid authorized Indian dealership certificate from the principles should be enclosed.
6. Warranty details must be given.
7. Payment will be through irrevocable letter of Credit.
8. In case the items are proprietary products of the company, a proprietary item certificate stating the same must be provided.
9. Training should be provided.
10. Institute reserves the right to accept or reject any or all the quotations without assigning reasons thereof.
11. List of users should be provided with their email and phone nos. for verification (preferably IIT users).

The technical and price bids should be kept in separate sealed cover marked as “technical” and “price bids” on the top of the envelopes. Both the envelopes should be kept inside a bigger envelope marked as **Refrigerated Centrifuge**. The bids should be sent to Prof. S.K.Khare, Chemistry Dept. IIT Delhi, Hauz-Khas, New Delhi-110016 latest by Sept. 2, 2014, 5.00 PM.