

# INDIAN INSTITUTE OF TECHNOLOGY DELHI HAUZ KHAS NEW DELHI

Date: 31st May, 2012

## Notice Inviting Quotation

Quotations are invited for the purchase of an **ultracentrifuge rotor** for the Kusuma School of Biological Sciences. Interested suppliers are required to submit their quotations as per the specifications given below. The sealed Quotations are to be submitted in two separate envelopes;

**A - for Technical Quote (Specifications) &  
B - for Financial Quote  
(For details see Annexure I)**

Both these envelopes should be enclosed in an outer envelope, which should also be sealed and addressed, clearly mentioning on top right corner of the envelope "**Quotation for Ultracentrifuge rotor**" due on **21st June, 2012..**

The quotations should reach the office of **Dr. Manidipa Banerjee, Room No. 308, Kusuma School of Biological Sciences, by 5 PM on 21st June, 2012.**

Institute reserves the right to accept or reject any of the offers without assigning any reasons.

### **Technical Specifications**

1. A swinging bucket rotor, capable of functioning and reaching a speed of up to 40,000 rpm in a Beckman Coulter model OPTIMA L-100 K CE preparative ultracentrifuge should be provided. The optimal performance of the rotor in this model of ultracentrifuge must be guaranteed by the vendor.
2. The rotor should be supplied with appropriate buckets, bucket holder rack, bucket gaskets and any tools that are necessary for the opening or closing of the bucket heads.
3. The rotor body and buckets should be made of titanium.
4. Maximum speed of the rotor in Beckman OPTIMA L-100 K CE preparative ultracentrifuge should be 40,000 RPM or more, relative centrifugal force at maximum speed at  $r_{max}$  should be 280,000 x g or more, k-factor at maximum speed should be 130 or lower.
5. The maximum volume accommodated by the rotor should be 6 x 13 ml (~ 78 ml total), or more.
6. Apart from this, the rotor should be able to accommodate other volume units such as 3 ml, 6 ml, 4 ml, 8 ml and 10 ml without compromising on maximum speed or g-force.
7. Rotor should be supplied with safety features like an overspeed disk, and any lubricant or grease that is necessary for its smooth operation.

8. A comprehensive three years warranty, valid from the date of installation, should be quoted for the rotor. Supply of consumables and spares should be guaranteed for five years from date of installation.

## **Annexure I**

**Envelope A:** Technical Quote: The following details are to be enclosed (*Mention clearly on this envelope – **Technical Quote***)

1. Technical brochures mentioning all details with complete address of the principals.
2. A compliance chart based on the specifications as per the NIQ.
3. Any optional equipment / accessory/spares advised to be included separately.
4. All installation requirements should be clearly stated.
5. List and addresses of organizations in India where the equipment has been supplied.
6. Details of similar equipment supplied to IIT Delhi specifying the Department/ centre / lab to which the equipment was supplied. Also mention if the equipment is being maintained by your organization.
7. Address of the technical office, in India, with telephone and FAX numbers. Kindly clarify the type of support available in India.
8. If quote is for imported equipment, sole agency-ship certificate on the letterhead of the principal company, if quotation is from an Indian agent.
9. Proprietary item certificate from the principals, if applicable.
10. The agent should be registered for import with the Ministry of Finance / Commerce.

**Envelope B:** Financial Quote: The following details are to be enclosed/ ensured. (*Mention clearly on this envelope – **Financial Quote***)

1. The quotations for the equipment in foreign exchange, if it is to be imported. The cost of spares and optional equipment to be quoted separately. The cost should be based on FOB pricing. If equipment is indigenous, the quote should be in INR and all taxes applicable should be mentioned clearly.
2. Institute makes payment after delivery and successful installation. In case the payment terms are different, it should be mentioned clearly. If equipment is to be imported, the address of the company in whose name the LC is to be opened should be stated.
3. The Comprehensive Three Years Warranty.
4. The details of the AMC after the warranty period.
5. Cost for Installation at site, if needed, to be provided.

6. Validity of the quote should be 90 days.
7. The delivery period to be clearly specified.