

Department of Biochemistry  
University of Delhi South Campus  
Benito Juarez Road, New Delhi 110021

**Quotation Invitation Letter**

**Date: 24.08.2016**

Ref. No. – UDSC/BIOCHEMISTRY/SK/14

**PURCHASE OF “CENTRIFUGE”**

Sealed quotations are invited for the following equipment so as to reach the undersigned latest by **September 16, 2016 (5pm)**

**Name of the equipment :** Refrigerated Micro Centrifuge

**Quantity :** One

**Specifications and Technical Details:**

- Compact centrifuge with ability to attain speed of 100- 15000 rpm approx. (50 rpm steps) and RCF value of 21000x g
- Ability to work in the temperature range -10°C to 40 °C; should be able to achieve 4°C temperature at maximum speed.
- The ability to perform fast pre-cooling of the instrument using a dedicated Fast Temperature function is desirable.
- Programmable compressor shut off after 6-9 hrs. of non-usage of the centrifuge
- It is expected to have a Knob version for faster setting and dials and digital display for easy setting.
- The instrument should have separate short spin function for quick centrifugation.
- Centrifuge should be supplied with certified aerosol-tight metallic rotor for 24 X 1.5/ 2ml tubes
- It should also include kit rotor for 18 x spin columns.
- The rotors should be autoclavable.
- There should be provision for in-built drainage system for removal of condensed droplets
- Timer should be from 30 s to several hours (>6 h) in continuous mode
- Acceleration time to max rpm and braking time should be 10-20 sec..
- Brushless motor is required to provide maintenance free drive
- Provision for automatic rotor recognition
- Noise level should be lower than 50-60 dB (extremely silent technology)
- Centrifuge should have CSA, UL, ISO, CE or other standard, international certifications.
- On-site warranty must be applicable for 12 months from the date of installation with facile after sales service.

## Instructions to Suppliers:

Two types of quotations are to be submitted : **Technical** and **Financial**.

**Technical Quotations** should contain all details of technical specifications of the equipment including manufacture and model details along with commercial terms and conditions, **warranty** and delivery schedule. The **quote should be valid** for a minimum of **120 days** from the due date.

**Pictures of the actual model** of the instrument must be attached showing manufactured balance with similar specifications as above with logo or name of the company on the equipment. **Authorization certificates** from the Principal manufacturer, if any, must be provided. Proprietary certificate for any proprietary or patented item must be provided, if any. Unique features of the equipment maybe highlighted along with their applications and advantages over other available models.


A **user list of atleast 10-20 users** of the model quoted (who have installed and used the instrument successfully for considerable period) with institute name / e-mail IDs or phone nos should also be appended.

Please include **point-wise technical compliance statement** and attach **original technical literature/brochure** in support of the claims. Alternatively, the website of the principal manufacturer should also show similar specifications.

**Financial Quotations** should contain price of the equipment, discount if any, packaging and forwarding charges, Air Freight and insurance charges, and any other applicable charges. The price quoted should be either CIP, New Delhi or F.O.R destination against customs duty exemption certificates provided by the buyer and inclusive of standard installation.

The supplier should seal both the quotations in separate covers. Both these sealed covers are to be put in a separate bigger envelope, which also be sealed and superscripted.

Institute reserves the right to order equipment with better quality and suitability over lower price and to accept or reject any or all quotations without assigning reasons thereof. It also reserves the right to request for free demonstration of the quoted items for technical acceptability as per the tender specifications at the user's location. The tender may also be cancelled without providing reasons.

  
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