

**Indian Institute of Technology, Kanpur
Advanced Imaging Centre**

Tender: Enquiry for a REFRIGERATED CENTRIFUGE

Enquiry No. **IMGC/NC-11/2017-18**

Closing date: **26/02/2018**

Two bid sealed quotations (Technical & Financial) are invited for setting up of REFRIGERATED HIGH SPEED TABLE TOP Centrifuge in Cell Culture Lab of Advanced Imaging as per following specification:-

TECHNICAL SPECIFICATION OF REFRIGERATED HIGH SPEED TABLE TOP Centrifuge

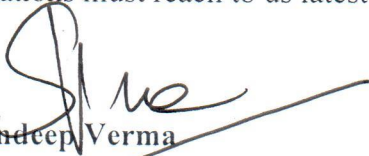
- Speed: Up to 30,000 rpm and RCF 70,000 x g or more
- Capacity: Minimum 500 ml with Fixed Angle Rotor, 4x 100 ml with swingout rotor, MTP rotor
- Temperature: -20 to +40°C or better
- Motorized lid locks, Preferably Single knob operation
- Minimum 20 Free curves for acceleration and deceleration & 10 customized programmable Acceleration
- and Deceleration with Graphic display
- Run time up to 9 hrs 59 min or continuous run, Up to 60 users program or better
- Rapid cooling program facility, Start delay option, Short run function with display of run time in seconds
- System must be compatible with : Angle rotor – 6x30ml, rpm up to 26000/ RCF 60000xg or more , Angle Rotors for 1.5/2.2 ml for 30,000 rpm / 70000 xg or more
- System must be quoted with Rotors -
- Angle rotor – 6x50ml, adaptor for 15ml tube, rpm up to 21000/ RCF 41400xg or more.
- Angle rotor -36x1.5/2.0ml tube for 70000 xg or more
- Optional swingout rotor upto 5000 rpm or more
- Maximum Capacity : 6 x 85 ml
- Maximum Speed : 30,000 rpm
- Minimum Speed : 100 rpm
- RFI suppression : EN 61326
- Dimensions (H x W x D) : 464 x 570 x 643 mm
- Temperature Adjustment range: +20 to +40°C
- High-speed Bench Top centrifuge for fixed angle rotors
- Speed range upto 30,000 rpm
- Swing-out rotor 5,000 rpm
- Maximum RCF 70,121 x g
- Low noise level: 63 dB (A) at maximum speed
- Automatic rotor identification
- Corrosion-resistant, easily cleaned stainless steel bowl
- Power consumption : 1,800 W * and High performance cooling unit
- Authorised Local Service Centre preferably, Kanpur and same must be authorised by original manufacturer.
- Complaint should be attended within 72 Hours of report.

General Terms & Conditions

- Quote should be made of two parts: Technical bid and financial bid separately in sealed envelopes. Financial bids for the product whose technical bid is not acceptable will not be opened

- Technical Bid should contain compliance statement of specifications.
- Any quote with financial bid included in the technical bid will summarily rejected
- Authorization Letter from the manufacturer must be enclosed with bid. Without authenticate Authorization Letter bid will be summarily rejected.
- The sealed envelopes with the quotes should be super scribed with the inquiry number.
- In case of Import item, Supplier submit quotation on FOB/FCA near airport/seaport of the shipper's country alongwith CIF/CIP New Delhi prices.
- Standard comprehensive warranty and *service support should be of three years.*
- Installation: the price should be inclusive of full installation on site with full functionality demonstration.
- Delivery time: 2-3 weeks from the date of Purchase Order.
- All quotes should be Indian Rupees (INR).
- Foreign vendors can also send the quotations along with authorization letter (if applicable) by email to jayantb@iitk.ac.in. and followed by Hard Copy of same.

The quotations must reach to us latest by 26/02/18.....at the following address:



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Kanpur 208016 INDIA.

प्रो० संदीप वर्मा
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Indian Institute of Technology, Kanpur

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