



DEPARTMENT OF ELECTRICAL ENGINEERING
INDIAN INSTITUTE OF TECHNOLOGY
KANPUR – 208 016, INDIA

Dr. Nandini Gupta
Professor

Ph: (0512)-2597511
Fax: (0512)-2590063
e-mail:ngupta@iitk.ac.in

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Sub: Enquiry for “High Speed Research Centrifuge”.

We are interested in procuring one “**High Speed Research Centrifuge**” meeting the specifications given in Annexure-1.

Kindly submit your sealed quotations for the same with complete details. So as to reach under mentioned mailing address **on or before 5 pm of 17/12/2015**.

Kindly adhere to the following Points:

- The quotation should contain the complete technical brochure.
- The order will be placed in the name of the principals.
- A certificate from principals indicating that you are their authorized dealer should be submitted.
- The quote should be valid for a period of at **least 60 days**.
- The warranty period should be clearly indicated.
- The time for delivery should be indicated.
- **Payment terms will be as per IIT Kanpur rules.**
- **Mention your email address on quotation envelope.**
- The indenter is reserve the right to cancel the tender without any answer.

(Dr. Nandini Gupta)
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Annexure -1, Technical specifications for “High Speed Research Centrifuge”

<i>The quoted model of the High Speed Research Centrifuge should meet the specifications given below.</i>	
Quantity	One.
<i>The “High Speed Research Centrifuge” should have below mentioned features/specifications.</i>	
Motor & Control	Brushless low noise AC Induction Motor with variable frequency drive
Control Technology	Micro Processor /DSP.
Maximum speed	20000 or more RPM with 10 RPM increment
Timer	1-120 minutes timer with 1 minute increment
Programmability	99 or more program memory
Display	LCD
Keyboard	Soft Touch
Parameters to be displayed	Speed, RCF value, remaining time, rotor in motion, imbalance, safety lid open etc.
Acceleration / Deceleration	Programmable Acceleration / Deceleration (range 40-450 seconds).
safety	<ul style="list-style-type: none"> • Safety Electrical and Mechanical lock with programmed emergency release mechanism. • Safety Lid switch. • Imbalance detection & safety switch off. Etc.
Maximum Capacity	400 ml
Maximum RCF	34500xg (without rotor heads)
Maximum Tube size	100 ml
Suitable Interchangeable Rotor Head	<ol style="list-style-type: none"> 1. 4x100 ml Angle Rotor with sterilizable epoxy coating and lid, polypropylene tubes. 2. 8x50 ml Angle Rotor with sterilizable epoxy coating and lid, polypropylene tubes.

MAILING ADDRESS:

Mr. Lekhraj Singh
 Technical Superintendent
 High Voltage Laboratory, WL 114
 Department of Electrical Engineering
 Indian Institute of Technology Kanpur
 Kanpur – 208016, Uttar Pradesh, India