



**Indian Institute of Technology Kanpur**  
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Date: 4<sup>th</sup> January 2012

Closing Date: 12<sup>th</sup> Jan.2012

Sealed Quotations are invited from interested suppliers for the supply of “Large Volume Table Top Refrigerated Centrifuge ” as per specification given below. Quotations should reach to the undersigned latest by 12<sup>th</sup> January 2012, with all details like validity of quotation, FOB price, FOR Kanpur price, Guarantee/Warranty Years, Delivery Period, Payment terms etc.

**LARGE VOLUME TABLE TOP REFRIGERATED CENTRIFUGE**

**REQUIRED SPECIFICATION**

- Speed Range : 15000 RPM to 17000 RPM
- RCF Range : 25000x g to 28000xg
- Temp. range : -20 to 40 °C, CFC free refrigeration
- Timer : 10 sec to 9hour 59 min. or continues run
- Maintenance Free, noiseless, brushless motor drive
- Speed increments 1 rpm
- LCD/ TFT Screen
- All rotor should be preprogrammed
- Preselection of run parameters in term of rpm and rcf
- Preselection of run time upto 10 sec-99 hrs 59 min
- 20 curves of acceleration and deceleration
- Magnetic rotor identification & imbalance sensor
- Motorised lid lock and interlock
- Rapid cooling programe for fast cool
- Password protection to prevents unauthorized use
- 50 Program memory

Rotors :

- Angle rotor 6x250ml Max. rcf 13,000xg
- Should be upgradable to ,  
Angle rotor 100x1.5/2.2ml with at least 16000xg (quote in option)  
Swing out for minimum. 8 Plate Rotor with at least 5700 rpm ( quote in option)

(Prof. Balaji Prakash)