

**SAVITRIBAI PHULE  
UNIVERSITY OF PUNE  
DEPARTMENT OF CHEMISTRY**

परिशिष्ट 'क'

Ref. No. Enquiry /Quot/Cchem/Store/14-15/ **96** /02.09.2014

Quotations are invited for the supply of following goods/carrying out the work, so as to reach this office on or before

To,  
Web Publishing

DUE DATE

17.09.2014

Sr. No.	Description of Material/Item/Work	Approximate Quantity	Rate Per unit	Amount (Rs.)	Remarks
1	ULTRACENTRIFUGE WITH ROTORS AND ACCESSORIES (SPECIFICATION AS PER ATTACHED LIST)	1			

Note : 1) Quotation validity atleast 90 days from due date.

2) Payment after satisfactory delivery.

3) Please send your quotation along with authorized dealers/manufacturer certificate.

1. Octroi Exemption Certificate will be issue for the goods supplied from the places outside Pune Municipal Corporation Limits.
2. Excise duty/Exemption Certificate/Sale Tax form will be issued if applicable.
3. Please mention - STR No. \_\_\_\_\_ CST No. \_\_\_\_\_
4. Please give the quotation on letterhead as mentioned above without any changes and additions.

Note : For other terms and conditions see overleaf.

Signature : .....  
Head, 219

Chemistry Department,  
University of Pune, Pune-411007.

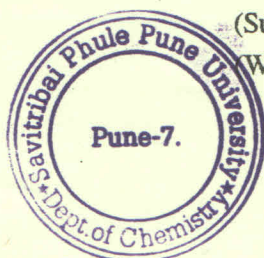
**HEAD**

Department of Chemistry  
Savitribai Phule Pune University  
Pune - 411 007.

Signature : .....

(Supplier)

(With Stamp)



[P.T.O.]

TERMS AND CONDITIONS

1. Mention quotation No. on the envelope.
2. Quote rate per unit and date of validity. Date of Validity should be minimum of 45 days from the last date validity of submitting the quotation.
3. Submit sample/Catalogue of the material with quotation if necessary.
4. **Quotation must be sent alongwith the covering letter on your letterhead quoting your VAT Registration number and as per description given without making any changes/ addition.**
5. Conditional quotation will not be accepted.
6. Delivery within ..... days from the date of order at the Chemistry Department of the University of Pune.
7. Work to be completed within ..... days from the date of order of the University of Pune.
8. Quotation will be rejected in case of even a single correction or overwriting. Only clear and uncorrected quotation will be accepted.
9. Payment as per actual measurements wherever applicable.
10. Payment will be made by cross cheque only and after satisfactory delivery & installation.
11. Income tax will be deducted as per prevailing rule.
12. Water charges 2% will be recovered, if used.
13. In case of works and service contracts Security Deposit will have to be deposited by the contractor in following manner :
  - (a) 2.5% before commencing the work.
  - (b) 2.5% will be deduced from the R. A. Bill.
14. Electricity charges will be recovered as per rules if used
15. The University of Pune will issue Octori Exemption Certificate if applicable.
16. Excise duty exemption Certificate/Sales Tax form will be issued, if applicable.
17. Rates quoted should be Inclusive of all taxes with Tax details e.g. Excise duty, Custom duty, VAT, Packing forwarding etc., TOT@ % S.C. & ST @ % @ % @ %
18. The above terms and conditions are acceptable.

Signature of the Supplier/Contractor.  
(With Stamp)






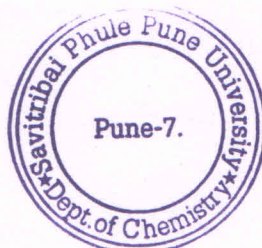
**Specifications (including the list for spares & optional items)**

**ULTRACENTRIFUGE**

**Requirement for separation of cell organelles, proteins, nanoparticles**

Sr. no.	Particulars	
1	Max. speed (rpm)	100,000 rpm
2	Max. RCF (x g)	800,000 g
3	Speed control accuracy	±10 rpm (1,000 rpm to maximum speed)
4	Drive unit warranty	10 years
5	Temperature control & accuracy	±0.5°C (set temperature is from 0°C to 40°C)
6	Imbalance tolerance	± 5 ml or 10% of sample
7	Operation panel with features	Touch-screen panel Data entry through key pad/touch pad Programmability of methods
8	Selectable run methods	Delayed start/stop RPM run RCF run $\omega^2T$ run Step program run
9	Vacuum system	Moisture removing system
10	Heat radiation into the room	Less
11	Power requirements	Single phase
12	Rotors :	1. Fixed angle rotor capable of going up to 100,000 rpm (800,000 x g) for the volume 8 x 6 ml and with necessary adapters and tubes for lower volume (2ml) 2. Fixed angle rotor capable of going up to 70,000 rpm for the volume 8 x 40 ml and with necessary adapters and tubes for lower volume (15ml) 3. Fixed angle rotor capable of going up to 30,000 rpm for the volume 6 x 100 ml or more and with necessary adapters and tubes for lower volume 4. Swinging bucket rotor capable of going up to 30,000 rpm or more for the volume 8 x 30 ml and with necessary adapters and tubes for lower volume (10-15ml)
13	Consumables	Provide 200 tubes of each volume
14	Optional	HEPA filter :Up to 0.5 $\mu$ m, Software, Spare parts needed for initial period

  
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15. **Documentation:** The documentation should be provided in Hardcopy or Softcopy. Two sets of Software manuals to be provided (if required). Complete circuit diagram and operation and maintenance manual.
16. **Installation and Commissioning:** The instrument should be installed, tested and commissioned by representative of manufacturer at site.
17. **Training:** The supplier should provide the training for Operation, Software and Maintenance at the site of installation. Application training on various applications from a qualified application specialist should be provided. The specialist should be capable of explaining each and every aspect of the instrument.
18. **Warranty:** The vendor should give warranty for three years after successful installation/ commissioning.
19. **Insurance:** Vendor should provide warehouse to warehouse insurance for the goods.
20. **Details of pre-installation to be provided**
21. **Suitable Voltage stabilizer should be provided**
22. **User List:** Vendor should provide user list

*D. Wale*  
21/9/14  
HEAD

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