

SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)

Department of Microbiology
Savitribai Phule Pune University
Pune 411007
INDIA



Phone : +91-20-25622139 (O)
: +91-20-25622136 (Head)
E-mail : hodmicro@unipune.ac.in

Ref. : Micro / OW / 2024 / G / 273

Date : 4/10/2024

Subject: Quotation Notice

To Whom So Ever It May Concern

We are primarily interested in purchase of a fully integrated system of Lyophilizer (Freeze dryer) and vacuum concentrator in combination. The requirement is for freeze drying of microbial cultures, enzymes, proteins, microbial and plant metabolite samples. The system should also be able to permit concentrating microbial and plant metabolite samples without losing their activity. A complete system including all required accessories should be quoted. The supplier must provide complete technical specifications including detailed data sheets for the system. Offers with no data sheets and technical catalogue are liable to be rejected. I therefore request you to send your sealed quotation, clearly indicating about taxes, terms conditions and send to undersigned on or before 12th October, 2024 till 5.00 pm.

Detail proposal for the purchase of Lyophilizer (Freeze dryer) and Vacuum Concentrator

Item	Specification	Quantity
Bench Top Lyophilizer (Freeze dryer)	As per attached sheet	1
Rotary Vane Vacuum Pump	As per attached sheet	1
Table Top Centrifugal Vacuum Concentrator	As per attached sheet	1

Terms & conditions

1. Submit the enquiry form provided by department along with quotation.
2. Date of validity of quotation should be minimum of 90 days from the last date of submission of the quotation.
3. Quotation must be sent along with covering letter on your letterhead quoting your tax registration Nos. (GST) etc.
4. Conditional quotation will not be accepted.
5. Payment will be made as per the Savitribai Phule Pune University payment rules only after delivery & satisfactory installation of the equipment.
6. Tax will be deducted as per prevailing rules. The supplier shall pay & bear all other liabilities, taxes & duties not specifically agreed by the purchaser in the offer.
7. Delivery period should be between 2-4 weeks.
8. Rates quoted should be inclusive of all taxes (with tax details) and warranty.
9. Submit product catalogues with quotation.
10. Please send hard copy of your quotation along with authorised dealers / manufactures Certificate, to The Head, Department of Microbiology, Savitribai Phule Pune University, Ganeshkhind Road, PUNE : 411 007 on or before 12th October, 2024 till 5.00 pm.
11. The Savitribai Phule Pune University reserves the right to accept the offer in full or in parts or reject summarily or partly.

Day 4/10/24
Head

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

क्षणशः कणशश्चैव विद्यामर्थं व प्राप्तयेत् । क्षणत्यागे कुतो विद्या कणत्यागे कुतो विद्यामर्थं ।

Further technical specifications are as follows:

1. **Bench Top Lyophilizer (Freeze dryer)**

- Upright stainless steel (PTFE-coated is desirable) condenser / collector coil
- Volume of the condenser/collector: ≥ 2.5 L.
- Ice condensation temperature: ≤ -50 °C at ambient room conditions.
- System must have a solvent resistant drying chamber with at least 6 ports to connect round bottom flasks/ ampoule manifolds.
- Full color, touch screen with real time display of collector temperature (°C), vacuum level (mBar), and end point detection; easy modes for the operation; should have various alert settings (Please specify).
- Options for storing and display of data, with USB port and Ethernet connection.
- **Other features for safety and efficiency of equipment-** Please specify (eg. moisture sensor to protect the vacuum pump, drain valve with necessary fittings for disposal of defrost materials, vacuum control and break valve, cold trap, compressor capacity, etc).

2. **Rotary Vane Vacuum Pump (Specify Brand)**

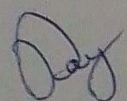
- Should be compatible with freeze dryer and centrifugal vacuum concentrator to be used for any biological applications
- Pumping speed: displacement rate of ≥ 100 L/min to achieve a vacuum of $\leq 2 \times 10^{-3}$ mBar ultimate pressure
- In-built on/off switch
- Pump should have gas ballast, anti-suck back valve, exhaust filter.
- Noise level: ≤ 50 dB
- Should be fitted with cold trap and solvent trap along with suitable canisters and mounting brackets for accommodating any traps.

3. **Table Top Centrifugal Vacuum Concentrator**

- The system should preferably have various temperature options ranging between -4 °C to >60 °C in order to facilitate the safe and effective concentration of biological samples in aqueous or organic solvents.
- The system should be able to concentrate samples up to a maximum capacity of 250-300 mL
- Run times: 1 to 999 minutes.
- The system should support multiple lab ware formats (0.2, 0.5, 1.5, 2, 15/50 mL conical tubes, 96 well PCR plates, and Deep well plates) with different rotors options.
- Rotors: to support slots for 1.5/ 2.0 ml tubes, 15 ml tubes, 50 ml tubes to be quoted (Mention the number of slots available).
- Motor type: Brushless and should reach up to or more than 1500 RPM

Additional Conditions:

- Electrical compliance:** All items should comply with the Indian power supply specification (230V, 50/60 Hz) with Indian electrical socket.
- Warranty:** At least two years comprehensive warranty to be provided. All third-party major items, accessories/attachment etc. integrated with the system should also be covered under warranty. The duration of warranty period will begin after proper installation of the equipment and submitting user satisfactory report.
- Delivery period** – Please specify
- Quotation validity** – should be minimum 3 months.
- Payment terms-** 100% after successful installation
- Installation in Other Premier Institutes:** Installation details (Purchase Order details, Installation Report, and Satisfaction Certificate) in at least 5 other institutes (IITs, IISc, IISERs, and prominent CSIR/DBT/ICMR research institutes), where the same instrument (or similar model) is installed in the last 3 years (2021-2024).


4/10/24
Head
Department of Microbiology
Savitribai Phule Pune University
Formerly University of Pune
Pune - 411 007.

SAVITRIBAI PHULE PUNE UNIVERSITY

(FORMELY UNIVERSITY OF PUNE)

DEPARTMENT OF MICROBIOLOGY

ENQUIRY FORM

Ref. No. / GW/2024/G/273

Date: 4/10/2024

Quotations are invited for the supply of following goods/carrying our work, so as to reach this office on or before...12th October 2024

Sr. No.	Description of Material/Item/work	Approximate Quantity	Rate		Remarks
			Per Unit	Amount (RS)	
	Lyophilizer (Freeze dryer) and Vacuum concentrator [Specifications as per attached list]				

1. Octroi Exemption Certificate will be issued 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. Provide authorized dealer/sole distributor certificate along with quotations.
4. Submit quotation with enquiry form duly signed & stamped.

Note: For other terms and conditions see overleaf.

Signature:.....

Head

Department of Microbiology
Savitribai Phule Pune University

Signature:

Supplier

(with stamp)

Head
Department of Microbiology
Savitribai Phule Pune University
Formerly University of Pune
Pune - 411 007.

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 30 days from the last date validity of submitting the quotation.
3. Submit sample / catalogue of material with quotation if necessary
4. Quotation must be sent along with the covering letter on your letterhead quoting your sales tax registration number
5. Conditional quotation will not be accepted
6. Delivery within ----- days from the date of order at the Department of Microbiology, Savitribai Phule Pune University.
7. Work to be completed within ----- days from the date of order of Savitribai Phule Pune University.
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 measurement wherever applicable
10. Payment will be made by cross cheque only.
11. Income tax will be deducted as per prevailing rules.
12. Water charges 2% will be recovered if used.
13. In case of works and services contract security deposit will have to be deposited by the contractor in the following manner.
 - a. 2.5 % before commencing the work
 - b. 2.5 % will be deducted from the R. A. bill.
14. Electricity charges will be recovered as per rules if used.
15. The Savitribai Phule Pune University will issue Octroi 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 Example, Excise Duty, Custom duty, Sales tax, packing, for wording, etc.
18. The above terms and conditions are acceptable

Signature of the supplier / Contractor

(With stamp)