



PONDICHERRYUNIVERSITY
(A Central University)
(www.pondiuni.edu.in)
Kalapet, R.V.Nagar
Puducherry-605 014

Re-Tender Notice for Laboratory Equipment

Pondicherry University invites sealed tenders under Two Bid system (Technical and Commercial) for purchase of equipment - Vacuum Concentrator with Freeze Dryer Assembly. The complete details are available on the University website: www.pondiuni.edu.in.

The last date and time for submission of tenders is on **11th August 2017 at 3.00 pm.**

Principal Investigator
Dept of Microbiology

Tender Document
PONDICHERRY UNIVERSITY
(A Central University)
(R.V.NAGAR, KALAPET, PUDUCHERRY – 605 014)

SCHEDULE OF TERMS & CONDITIONS

PU/DM/EQ/JS/2017-18/

Date: 21.07.2017

Sub: Supply of Scientific Equipment – Department of Microbiology for funded research projects - reg.

Schedule of Requirements

Sealed tenders are invited under two bid systems for supply of Scientific Equipments to Dr. Joseph Selvin, Principal Investigator, Department of Microbiology, Pondicherry University. Puducherry 605014. The last date for the submission of tender is **extended to 11th August 2017 at 3.00 pm**. The technical details and specifications given below:

Specifications & Technical Details

Code: PU-MB-DBT-2017-R1

VACUUM CONCENTRATOR WITH FREEZE DRYER ASSEMBLY

- System should be a compact bench top design with a small footprint.
- Should have an upright stainless steel collector coil condenser with Ice Holding capacity 4.5 Liters or more ice before defrosting.
- The system should be capable of removing 2.0 litres or more of water in 24 hrs.
- Should have 1/3 hp HCFC/ CFC-free refrigeration system to cool collector to -50°C
- Should have a Moisture sensor to prevent vacuum pump start up when moisture is detected in the collector chamber.
- Should have Vacuum control option to maintain set point vacuum level.
- The system should have a special arrangement for preventing the oil back-streaming into the collector chamber during the power outage.
- Should have Color touch screen display that displays system operating parameters, set Up parameters and alarm messages. It may be user Configured to display vacuum in mBar, Pa or Torr & Temperature in °F or °C.

- The display should also give the information like total number of hours of refrigeration operation and since the Refrigeration was serviced and the total number of hours of vacuum pump operation and since the vacuum pump was serviced.
- The system should have an Audible and visual alarm system for alarm conditions like Power failure (Inbuilt feature to protect the system from Power cuts / failure), Improper line voltage supply, Collector temperature rise above -40°C , Service vacuum pump (after 1000 hours of vacuum use), Moisture in collector.
- The system should have a USB Port to transmit data to a user supplied computer. Data Transmission intervals may be user- configured.
- The system should be supplied with a Stainless steel drying manifold with 10 ports or more to connect flasks of different sizes complete with adaptors/ valves etc.
- **Should be supplied with a Vacuum Concentrator: For heat sensitive samples like RNA and Protein Etc...**
 - Microprocessor controlled cooling and heating from -4°C to $+100^{\circ}\text{C}$ in one degree increment.
 - Should include a 1/4 hp refrigeration system to cool chamber to -4°C and a 300-watt heater to heat chamber to $+100^{\circ}\text{C}$.
 - Should have the option for Programming the temperatures during run and hold with timing separately.
 - Should have a brushless motor capable of providing centrifugal motion up to 1700 rpm.
 - Should have a Built in vacuum delay to allow rotor to achieve speed before applying vacuum.
 - System should have an internal Memory that stores 9 user defined programs.
 - Should be provided with 12-13 mm rotor having 148 slots for tubes with volume ranging between 1.5 ml - 10 ml.
- Rotary Vane Vacuum Pump with minimum displacement capacity of 90 L/min. Ultimate vacuum 2×10^{-3} mBar. Must be two stage, oil sealed with isolation valve. Pump must include vacuum oil (extra one liter), Exhaust filter, oil filter, odor filter and all necessary tubings.
- **Other important accessories** such as different sizes of flasks, ampules, Product shelve, serum bottles etc. to be quoted as optional.
- If quoting on behalf of foreign manufacturer an authorization letter specific for this particular enquiry / tender must be enclosed otherwise the quotation will not be considered.

TERMS AND CONDITIONS

I. General Information: -

1. Last and time of receipt of the Tenders: **11.08.2017, 3.00 PM**
2. Date and Time of opening of Tender and Technical Bid: **11.08.2017, 3.15 PM**
3. Date and Time of opening of Price Bid: will be intimated
4. **Tender Document fee Rs. 1000/- per each equipment**
5. **EMD rates: 2.5% of the quoted price of each equipment**
6. **Two bid systems have to be strictly followed. One for Technical bid and another for commercial bid and each bid should be submitted in separate sealed covers.**
7. **Quoting merely the lowest price does not confer any right to any bidder for award of supply order.** The University's Purchase Committee, reserves the right to select the equipment any bid under the grounds of specification compliance, technologically advanced quality, proven performance track record, brand reputation, service backup support, additional warranty, offer of additional / special features, Compatibility with the existing System, Training, etc.
8. The Tender Document Fee and EMD should be submitted in a separate cover superscripting **Bank Demand Draft and which should be enclosed with the technical bid.**
9. The tender / quotation must be submitted along with the stipulated tender document fee and, EMD in the sealed cover, super-scribing "Tender to Dr. Joseph Selvin, Department of Microbiology".
10. The cover should also contain the information like, Name of the Equipment and Serial Number of Equipments for which the bids are submitted. The name and address of the bidder should also be mentioned at the from address space.
11. The tenders should be addressed to **Dr. Joseph Selvin, Principal Investigator, Department of Microbiology, Pondicherry University, Puducherry 605 014.**
12. Quotations will not be accepted through fax / e-mail.

II. Common Conditions

1. Purchase of Tender Document:

The Tender document can be either downloaded from the University website www.pondiuni.edu.in or procured from the Information Facilitation Counter, Dr.Ambedkar Administrative Block, Pondicherry University on payment of fee as specified above, by means of a D.D. drawn in favour of the Finance Officer, Pondicherry University, payable at Puducherry. The downloaded application should be accompanied with the tender document fee, in the form of a Demand Draft. Separate bids should be submitted.

2. Price Schedule

The bidder may either quote for the entire equipments or individual items required for the funded-projects. The rates should be quoted for a single unit and also for the total quantity required by the University. The price should include the Delivery, installation, training charges (if any), etc. at the respective Department, Pondicherry University.

The prices quoted shall remain firm until equipment is supplied to the Department of Microbiology, Pondicherry University.

3. Quoting the Core price & Tax, Duties, Discount etc.

The taxes / duties / discounts, if applicable, are to be explicitly and separately shown in the bid.

4. Eligibility:

The firm must have the requisite domain expertise with regard to supply, installation and post-sale service of the items they are quoting.

The firm should have been in existence for at least six years as on the date of this tender and must have executed at least three orders for this kind of equipment during the last three years.

5. Duty Exemption

The University has been granted the benefit of exemption from the payment of the Central Excise Duty and Customs Duty by the Department of Scientific and Industrial Research (DSIR), India, vide their Notification No.10/97 dt. 01-03-1997 and 51/96 dt. 23.07.96 respectively,

In respect of

- a. Scientific and technical instruments, apparatus, equipment including computers.
- b. Accessories and spare parts of goods specified in (a) above and consumables.
- c. Computer software, compact disks, CD ROM, Recording magnetic tapes, microfilms, micro-chips etc.
- d. Prototypes.

Customs duties at Indian port, if any, will be to the account of the University.

6. Warranty:

The material covered under the purchase order, when installed, shall be warranted for the quality, workmanship, trouble free operation and performance for a period of **three years from the date of putting the system into operation** at the Pondicherry University.

If any item covered under warranty fails, the same shall be replaced free of cost including all the applicable charges including shipping cost both ways.

7. The information pertaining to infra-structural, power and any other requirement for satisfactory installation and commissioning of the whole system must be provided by the bidder, at least 120 days in advance of the installation to be commenced if purchase order is issued. All drawing for electrical connections, electrical safety items piping work etc. must be provided in detail.

8. Complete technical specifications and literature, including process flow, to be included with the quotation. Manufacturers of various major parts/equipment must be mentioned explicitly.

9. A clear statement regarding availability of after-sales service and availability of spare-parts for next 5 to 10 years should be included.

10. A recent customer list (within last five years) with contact details including email address is to be submitted with technical bids / bids as the case may be.

11. If the bidder is an authorized representative in India, they are requested to inform their technical ability to take care of the problems in the system, if developed later within the warranty and outside the warranty period. The responsibility of the Indian agent must be clearly specified.

12. The bidder from abroad shall obtain, if required, export permission from the appropriate authorities in his country or the country of origin for items to be shipped to India in case of items to be imported. The University shall provide necessary information if required for this purpose.

13. All equipment must operate at 230V/50 Hz single phase and / or equivalent three phase electrical power.

14. The validity of the each quotation should be at least 1 Year from closing date of the bid.

15. The offers will not be considered if received after the bid closing date and time.

16. The offers received through telex / tele-fax / e-mail will not be accepted by the University under any circumstances.

17. The University shall not be responsible for any delay / loss or non-receipt of tenders by post / courier service.

18. No unsolicited correspondence shall be entertained after the submission of the offer.

19. If an order is placed with the firm, the purchase shall be governed by an agreement as per the University rules in force at the time.

20. Additional terms and conditions will be incorporated in the purchase order, if needed, to safeguard the interests of the University.

21. Tender is not transferable

22. In case of any dispute in respect of the tender, all legal matters shall be instituted within the jurisdiction of the place where the purchaser ordinarily resides.

23. Power to reject the offer:

Pondicherry University reserves the right to accept / reject any offer in full or in part or accept any offer other than the lowest offer without assigning any reason thereof. Any offer containing incorrect and incomplete information shall be liable for rejection.

24. No Agency commission will be paid to any authorized agent in India.

25. Liquidated damages: Timely supply of the ordered items, installation, commissioning (wherever is applicable) and training etc. is the essence of the contract. In case of failure to supply within the time specified in the Purchase order, a penalty/LD of 0.5% of the total value per week or a part thereof shall be levied subject to a maximum of 7.5% in respect of items which are not supplied. The decision of Pondicherry University shall be final in this regard.

26. The training should be provided by the supplying companies on the specimen and operation of the equipments for a minimum period of two weeks from the date of installation with an expert team.

27. For any clarification with respect to technical specifications, please contact the Principal Investigator as per the details given below: -

Dr. Joseph Selvin
Principal Investigator
Department of Microbiology
School of Life Sciences
Pondicherry University, Puducherry 605014
Tel: 9944263367, Email: josephselvinss@gmail.com

III. Specific Conditions:**1. Payment of EMD:**

The Tender must be accompanied by EMD as stated above, by means of a Demand Draft, drawn in favour of the Finance Officer, Pondicherry University, payable at Puducherry in a separate cover. The amount is refundable. The Small Scale units are exempted from payment of EMD provided they should enclose proof of their exemption Certificate issued by the competent authority.

2. Payments terms:

Normally a letter of Credit will be opened for 90% of CIP price, on receipt of order acknowledgement. However, 100% of the LC also be considered, if the supplier provide Bank Guarantee towards performance Security for the 10 % of the total cost of the equipment to cover the Warranty Period.

Bank charges in India shall be borne by the purchaser and outside India shall be borne by the contractor / supplier.

3. The offer must be in English. The rates should be indicated both in figures and words against item specified in the given table. It is preferable that the price be quoted in Rupees or in US Dollars or in major foreign currencies.

4. The total cost should be quoted for FOB as well as CIF – Pondicherry University.

5. However, the price quoted under FOB or should also include the following cost if they are required during the initial stage:

a) Local freight / insurance for Chennai airport to University laboratory.

b) Installation cost if any.

c) Cost of consumables which are required for the equipment for initial operation upto areasonable time.

6. In case of the Principal supplier of Foreign country unable to meet the conditions stated at para no.4, the local agent / dealer should fulfill the above said conditions in respect of Local Insurance, Freight, safety transport and installation, etc.

7. The bidder from within India shall obtain the requisite approval for Imports etc., if required

Date: 21.07.2017

PRINCIPAL INVESTIGATOR