



Department of Microbiology

PONDICHERRY UNIVERSITY

R.V.Nagar, Kalapet, Puducherry- 605014

Tender Notification

Subject: Pondicherry University- Supply & Installation of following equipment under Department of Science and Technology – **DST - INSPIRE Faculty Project to Dr. Vinoth Rajendran** – Sealed Tenders (**One bid system**) called for – reg.

Sealed tenders (**One bid system**) are invited from the manufacturer / authorized dealers of manufacturer for Supply & Installation of following equipment as per following specifications

Item No	Name of the Equipment, Quantity And Specification
01.	<p><u>HIGH SPEED COOLING CENTRIFUGE – 1 Nos</u></p> <p><u>SPECIFICATION</u></p> <ul style="list-style-type: none">• Table top refrigerated multipurpose centrifuge with aerosol tight rotors for safe use of hazardous materials and CFC free refrigeration. Rotor material: metallic/aluminum/carbon fiber.• Fixed angle rotor for at least 6 x 50 ml centrifuge tubes, Maximum speed should be 20,000 x g or more. Appropriate adaptors for round-bottom/conical-bottom/oakridge tubes must be provided.• Temperature range from -20 °C to 40 °C. Should maintain constant 4 °C at maximum speed and in stand by condition.• Automatic rotor recognition and imbalance detection systems should be there. In case of power failure, a manual lid opening system should be provided.• Centrifuge timer should start after the set rpm is reached. An automatic RPM/RCF conversion system should be there.• Acceleration/deceleration rates should be given. Sound level should be less than 60 dB.• Suitable voltage stabilizer should be provided.• Technical compliance should be provided in accordance with our technical specifications by technical literature.• The large back-lit LCD display panel and easy-to-clean soft keypad• Any abnormal status like over-speed, over-temp, lid-lock failure, imbalance can be detected immediately <p>Warranty: 3 years</p>

02.

CO₂ incubator-1 Nos

SPECIFICATION

- Microprocessor controlled 150 to 170 litre direct heat stackable CO₂ Incubator temperature control from 4°C above ambient to 50°C, with control accuracy ±0.1°C with high temp decontamination at 120°C.
- It should have six-sided direct heating with fanless, gentle convection circulation to provide stable temperature control, excellent uniformity and rapid recovery with no over shoot. - It should have CO₂ control range from 0.2 to 20% with control accuracy and uniformity of ±0.1% and should have rapid recovery of at least 0.7% per minutes. It should have Infra-red (IR) or TC (Thermal conductivity) CO₂ sensor
- It should come with minimum 4 adjustable height shelves & humidity reservoir (removable) to achieve at least 95% RH.
- It should have independent door heater eliminate condensation on inner door surface.
- It should be ISO 9001 & CE Certification.

Warranty: 1 year

03.

BIOSAFETY CABINET-1 Nos

SPECIFICATION

- The Bio safety cabinet should be Class II Type A2 design with vertical airflow type with 4ft cabinet of seamless one-piece stainless steel chamber material.
- The front window must be an 8-inch sash opening and be made of laminated safety glass to ensure containment of potentially hazardous samples, in the case of accidental glass breakage.
- The Bio-safety cabinet should be Class II Type A2 in which approximately 70% air should be re-circulated and 30% of the air should be exhausted through HEPA filter in the form of a clean air, without any requirement of an independent exhaust duct provision.
- The Bio-safety cabinet should incorporate HEPA or ULPA filter of the class H 14 as per EN 1822 standards or better and having efficiency of 99.995% at 0.3 µm particle size.
- Ventilation System Exhaust and inflow air volume approximately 300-350 CFM.
- The cabinet noise level must be less than 62 dBA.8. Heat Emissions at 25°C should be approx 0.18 KW or lesser.
- In order to ensure consistent and reliable down flow velocity across the supply HEPA filter, the cabinet must use a pressure sensor not anemometer to detect pressure drop across the supply and exhaust filters. The pressure sensor must be encased in order to protect the sensor from temperature, humidity and other environmental phenomena that can impact the sensor's performance.
- The cabinet should be provided with microprocessor controller and large LED/LCD display for inflow and down flow air velocity and hours of operation, Audible and visual alarms for HEPA filter failure, blower failure, airflow speed failure, incorrect window position.
- The microprocessor must display the inflow and down flow air velocities in

	<p>real-time on an LED display to ensure the safe operating conditions of the cabinet.</p> <ul style="list-style-type: none"> • The microprocessor controller must be located on a slanted front panel so it is easy to see and reach from a seated working position in front of the cabinet. • All walls and drain pan must be made of Stainless steel. The sidewalls of the cabinet chamber should be made of dual metal wall, interior stainless steel and exterior powder coated steel, with provision to create negative pressure interstitial space between the walls while cabinet is in operation. Glass sidewall should not be incorporated into the chamber design. • All interior and exterior parts must be painted or smooth to ensure no risk of cuts to users or maintenance personnel. • The front of the cabinet must be angled sufficient approx. 10° to help minimize glare on the window to the user, and to ensure that the user's posture is comfortable during a working session. • The biological safety cabinet must be capable of achieving current state-of-the-art in energy efficiency. A biological safety cabinet with lights ON and fan at operating speed should consume less than 180 watts for a nominal 4fts and have a reduced energy mode, for non-operational maintenance on containment in the work area. • The cabinet should be provided with fixed / adjustable Height Stand, UV Light and one set of preferably detachable arms rest and one / two accessory electrical outlet. • In order to provide maximum effectiveness, efficiency and safety to laboratory Personnel, UV light must be programmable to allow for specific exposure times from 0 to 24 hours. • The cabinet must be either CE or UL certified. A copy of the same should be attached to the offer. 24. The Air cleanliness should be certified by ISO or NSF/ANSI. A copy of the same should be attached to the offer. <p>Warranty: 3 years</p>
--	---

TERMS AND CONDITIONS

I. General Information:

1) Date and Time

- a. Last date and time of receipt of the Quotations: **Jan 21st, 2020, 3.00 PM**
- b. Date and Time of Opening of the Quotations: **Jan 21st, 2020, 3.30 PM**

- 2) **Two bid system have to be strictly followed.** One for Technical bid and another for commercial bid and each bid should be submitted in separate sealed covers.
- 3) **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 & training, offer of additional / special features, compatibility with the existing System, etc.

4) The bids submitted by the vendors should be valid for a minimum period of 90 days from the date of the opening of tender and the prices should be valid till execution of purchase agreement.

5) Tender Fee:

- a. Quotation / Tender Document fee: Rs. 500/-
- b. EMD rates: 2.5% of the quoted price for each equipment.
- c. **The Small Scale units are exempted from payment of Tender fee and EMD provided they enclose the proof of their exemption Certificate issued by the competent authority.**
- d. The tender document fee and EMD as specified above should be remitted by each firm / bidder, collectively for all their bids advertised under this tender.
- e. **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.**
- f. The Photo Copies of the Bank Instruments on payment of EMD should be attached with each bidding covers.

6) Submitting format:

- a. **Quotations will not be accepted through fax or e-mail.**
- b. The tender / quotation must be submitted along with the stipulated tender document fee and EMD in the sealed cover, super-scribing the name of the Department / Centre for whose equipment the tender is quoted for.
- c. The cover should also contain the information like, Name of the Equipment and Serial Number of Equipment for which the bids are submitted. The name and address of the bidder should also be mentioned at the “From address” space.
- d. The tenders should be addressed to the Principal Investigator, Pondicherry University.

Tender submitted under two bid system for the Department of Microbiology

Name of the Equipment : _____

To,
Dr. Vinoth Rajendran,
DST Inspire-Assistant Professor,
Office room, Science block I, first floor
Pondicherry University,
R.V. Nagar, Kalapet,
Puducherry – 605014.

From
Supplier's Address

II. Common Conditions (Import or Indigenous)

1) Quoting Price

The rates should be quoted for a single unit and also for the total quantity required by the University. The prices quoted shall remain firm until the equipment is supplied to the respective Department, Pondicherry University.

- i) **The price should include the delivery, installation, training charges, etc.** at the respective Department, Pondicherry University.
- ii) **The taxes / duties / discounts, if applicable, are to be explicitly** and separately shown in the bid.

2) Eligibility:

- (a) The firm must have the requisite domain expertise with regard to supply, installation and post-sale service of the items they are quoting.
- (b) **The firm should have been in existence for at least six years** as on the date of this quotation. The registration number of the firm along with the CST/VAT No. allotted

by the sales tax / trade tax authorities and I.T. registration number (P.A.N.) along with the place of registration should invariably be given along with the technical bid.

- (c) **Must have executed at least three orders for this kind of equipment** during the last three years. (Purchase order copy must be attached)
- (d) Company should be ISO certified. The firm should have not incurred any loss in the last three years.

3) ***Installation:***

The engineer should install the equipment **free of cost** at the site. However, utilities like power, water, air, etc. will be provided.

4) ***Delivery:***

Within one month from the date of receipt of approved drawings.

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 dated 23.07.96 respectively, in respect of

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

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

6) ***Warranty and other conditions:***

- i) The equipment covered under the purchase order, when installed, shall be warranted for the quality, workmanship, trouble free operation and performance for a period of at **least 36 months** from the date of putting the system into operation at the Department of Microbiology, Pondicherry University, or at least 42 months from the date of receipt of the last lot of the consignment in India.
- ii) 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.
- iii) Complete technical specifications to be included in the Technical bid.
- iv) The necessary service support should be provided by Bidder during the agreement period.
- v) The training should be provided by the supplying companies for a minimum period of two days from the date of installation with an expert team.
- vi) Technical post sale support by email and telephone will be provided during the period.
- vii) Operating Manual should be provided in English.
- viii) A clear statement regarding availability of after-sales service and availability of spare-parts for next 5 to 10 years should be included.
- ix) 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.
- x) If the equipment is proprietary a product, a proprietary product certificate should be enclosed.
- xi) All the items to be supplied should be new, of good quality and standard and as per the technical specifications mentioned in technical bid document.
- xii) The information pertaining to infrastructural, power and any other requirement for satisfactory installation and commissioning of the whole system must be

provided by the bidder, at least 30 days in advance of the installation to be commenced if purchase order is issued.

- xiii) **The equipment must operate at 230V/50 Hz single phase and / or equivalent three phase electrical power.**
 - xiv) 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.
- 7) 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.
 - 8) **The validity of the each quotation should be at least for SIX MONTHS from closing date.**
 - 9) The offers will not be considered if received after the bid closing date and time.
 - 10) The offers received through telex / telefax / e-mail will not be accepted by the University under any circumstances.
 - 11) The University shall not be responsible for any delay / loss or non-receipt of quotations by post / courier service.
 - 12) No unsolicited correspondence shall be entertained after the submission of the offer.
 - 13) 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.
 - 14) **Additional terms and conditions will be incorporated in the purchase order, if needed, to safe guard the interests of the University.**
 - 15) Quotation is not transferable.
 - 16) In case of any dispute in respect of the quotation, all legal matters shall be instituted within the jurisdiction of the place where the purchaser ordinarily resides.
 - 17) ***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.
 - 18) No Agency commission will be paid to any authorized agent in India.
 - 19) ***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.
 - 20) Bidder(s) must be authorized business partners of Global / National service providers of the respective equipment.
 - 21) The Bidders must enclose authorization letter from the respective global / national service providers of the above equipment particularly mentioning an undertaking that in case of default by the Bidder, they (Global Service Provider) shall take over all the responsibilities of the Bidder.
 - 22) The Bidder should not be involved in any Bankruptcy filing for protection from it.
 - 23) **The training should be provided by the supplying companies on the specimen and operation of the equipment for a minimum period of two weeks from the date of installation with an expert team.**

III. Specific Conditions for Imported Equipment

1) **Payment of EMD:**

The Quotation 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.**

2) **Payments terms:**

- a. 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.
- b. Bank charges in India shall be borne by the purchaser and outside India shall be borne by the contractor / supplier.
- c. 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.
- d. The total cost should be quoted for FOB as well as CIF – Pondicherry University.
- e. However, the price quoted under FOB or should also include the following cost if they are required during the initial stage:
 - i. Local freight / insurance for Chennai airport to University laboratory.
 - ii. Installation cost if any.
 - iii. Cost of consumables which are required for the equipment for initial operation up to a reasonable time.
- f. In case of the Principal supplier of foreign country unable to meet the conditions, the local agent / dealer should fulfil the above said conditions in respect of Local Insurance, Freight, safety transport and installation, etc.
- g. The bidder from within India shall obtain the requisite approval for Imports etc., if required.

For any clarification with respect to technical specifications, please contact the PI of the project as per the details given below:

Name of the Centre	Name of the PI	Contact Details
Department of Microbiology	Dr. Vinoth Rajendran DST-Inspire Faculty & PI	vinoth.avj@gmail.com vinoth86.res@pondiuni.edu.in
