



**Department of Earth Sciences**  
**PONDICHERRY UNIVERSITY**

R. Venkatraman Nagar, Kalapet, Puducherry - 605 014

**TENDER NOTIFICATION**

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

Sealed quotations are invited under **one bid system** for supplying the following Scientific Equipment to Dr. Jyoti Singh, Principal Investigator, Department of Earth Sciences, Pondicherry University, Puducherry 605014. The last date for the submission of tender is **3<sup>rd</sup> Feb, 2020 by 3:00 pm**. The technical details and specifications given below

<b>S. No.</b>	<b>Name of the Equipment and Specifications</b>	<b>Quantity</b>
1.	<p><b>Autoclave</b> <b>1. Technical Specifications</b></p> <ul style="list-style-type: none"><li>• 2.0 kW electric heater</li><li>• Effective internal volume: 50-100 l</li></ul> <p><b>Should have following Functions &amp; Features</b></p> <ul style="list-style-type: none"><li>• Double walled vertical equipment made up of corrosion resistant stainless steel</li><li>• Complies with the strictest international directives and standards</li><li>• Liquid sterilizing, Heating, Warming</li><li>• Built in steam exhaust bottle</li><li>• Maintenance access to all components for easy servicing</li><li>• Fitted with silicon joint- less rubber gasket which helps leak proof closing of the instrument</li><li>• Lid equipped with pressure gauge, steam release valve &amp; 2 Safety valves</li><li>• Foot lifting arrangement to open lid</li><li>• For use for sterilization under working steam pressure upto 15 PSI</li><li>• Provides stable temperature</li><li>• Durable heating element with long life, resistant to corrosion, and provides high temperature in repeated use.</li><li>• Separate Display for pressure and time</li><li>• Temperature for Sterilizing: approx. 105~135° C (0.019MPa - 0.212MPa)</li></ul> <p>GMP, IQ and quality assurance certified</p>	1No.

	<p><b>Safety Device:</b> lid interlock, over heat &amp; pressure Prevention, open temperature sensor detection &amp; safety valve</p> <p><b>Standard Accessories:</b> Perforated Basket, silicon joint less rubber gaskets (two in number)</p> <p><b>Additional features:</b> 3 years warrantee, prompt and satisfactory post-sales service.</p>																									
2.	<p><b><u>Horizontal Laminar Flow Hood:</u></b></p> <p>Product Features: Laminar Flow Cabinets well suited for cell culture and microbiological applications that require class 100 air quality.</p> <p>Desired specifications</p> <table> <tr> <td>Cleanliness</td> <td>Class 100</td> </tr> <tr> <td>Velocity</td> <td>90 FPM ±20%</td> </tr> <tr> <td>Hepa Filter</td> <td>99.999 % efficiency for particles &gt;0.3 µm</td> </tr> <tr> <td>Pre-Filter</td> <td>85 % efficiency for particles &gt;0.5 µm (Washable)</td> </tr> <tr> <td>Cabinet</td> <td>Laminated High Quality Wooden/Powder Coated/Stainless Steel</td> </tr> <tr> <td>Work Table</td> <td>Stainless Steel</td> </tr> <tr> <td>Airflow Speed</td> <td>Control Speed and display</td> </tr> <tr> <td>Blower</td> <td>High efficiency with warranty</td> </tr> <tr> <td>Light</td> <td>High intensity, low wattage &gt;1000 lx</td> </tr> <tr> <td>Noise Level</td> <td>&lt;65 dBA</td> </tr> <tr> <td>Standard Accessories</td> <td>Air/gas cock and mains power socket</td> </tr> <tr> <td>Power Supply</td> <td>220-230 V,50 Hz.</td> </tr> </table> <ul style="list-style-type: none"> <li>- Microprocessor LCD Controller</li> <li>- Transparent Front Door with clear visibility</li> <li>- Gauges Pressure (Statics Pressure Mano-Mater)</li> <li>- U. V. Germicidal Tube (preferably Philips make) in work area</li> <li>- Electronic Filter choke alarm</li> <li>- Spare HEPA Filters</li> <li>- Hour Meter for UV light</li> </ul> <p><b>Additional features:</b> 3 years warrantee, prompt and satisfactory post-sales service.</p>	Cleanliness	Class 100	Velocity	90 FPM ±20%	Hepa Filter	99.999 % efficiency for particles >0.3 µm	Pre-Filter	85 % efficiency for particles >0.5 µm (Washable)	Cabinet	Laminated High Quality Wooden/Powder Coated/Stainless Steel	Work Table	Stainless Steel	Airflow Speed	Control Speed and display	Blower	High efficiency with warranty	Light	High intensity, low wattage >1000 lx	Noise Level	<65 dBA	Standard Accessories	Air/gas cock and mains power socket	Power Supply	220-230 V,50 Hz.	1 No.
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3.	<p><b><u>Refrigerator</u></b></p>	1 No.																								

	<ul style="list-style-type: none"> <li>• Capacity- approx. 500-550 liters</li> <li>• Double door</li> <li>• Minimum 3 Star Rating</li> </ul> <p><b>Should have following Functions &amp; Features</b></p> <ul style="list-style-type: none"> <li>• Defrosting Type- Frost Free</li> <li>• Toughened Glass Shelves</li> <li>• Humidity Controller</li> <li>• Convertible freezer and fridge</li> <li>• Power Freezing and Cooling</li> <li>• Anti-Bacteria</li> <li>• Easy-to-reach digital controls, precise temperature settings, LED control</li> </ul> <p><b>Additional features:</b> 3 years warrantee, prompt and satisfactory post-sales service.</p>	
4.	<p><b><u>Plant Growth Chamber</u></b></p> <p><b><u>Specifications:</u></b></p> <ul style="list-style-type: none"> <li>• Capacity 300-500L</li> <li>• Well illuminated 20000-30000 lux</li> <li>• Excellent temperature control and stability (0-60 °C)</li> <li>• CFC free refrigeration</li> <li>• Dehumidification</li> <li>• Uniform airflow</li> <li>• CO<sub>2</sub> control</li> <li>• Humidity control upto 90%</li> <li>• Day night programmable cycle</li> <li>• Stainless steel construction</li> <li>• Adjustable shelves configuration</li> <li>• Protection on power supply</li> <li>• High/low temperature and humidity alarms</li> <li>• Color touch screen display</li> <li>• Automatic cutoff in case of excessive heating</li> <li>• Wheels for easy movement</li> <li>• Operation and maintenance manual</li> <li>• Power supply: as per Indian standards</li> <li>• Certification: GMP, ISO &amp; CE Certified</li> </ul> <p><b>Additional features:</b> 3 years warrantee, prompt and satisfactory post-sales service.</p>	1 No.

**TERMS AND CONDITIONS**

## **I. General Information:**

### **1) Date and Time**

Last date and time of receipt of the Quotations: **3<sup>rd</sup> Feb, 2020**, 3:00 PM

### **2) One bid system has to be strictly followed.**

### **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 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 "Scientific instruments for Geomicrobiology laboratory", Department of Earth Sciences, Name of the Equipment : \_\_\_\_\_*

To,  
**Dr. Jyoti Singh**  
**DST – Inspire Faculty,**  
**Room no. 33121, Department of Earth Sciences,**  
**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:**

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 Centre for Nanoscience and Technology, Pondicherry University, or at least 42 months from the date of receipt of the last lot of the consignment in India.

- a) 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.
- b) Complete technical specifications to be included in the Technical bid.
- c) The necessary service support should be provided by Bidder during the agreement period.
- d) 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.
- e) Technical post sale support by email and telephone will be provided during the period. vii) Operating Manual should be provided in English.
- f) A clear statement regarding availability of after-sales service and availability of spare-parts for next 5 to 10 years should be included.
- g) 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.
- h) 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.
- i) 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.
- j) The equipment must operate at 230V/50 Hz single phase and / or equivalent three phase electrical power.**
- k) 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 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:**

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