



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

Tender Notice for Laboratory Equipment

Pondicherry University invites sealed tenders under Two Bid system (Technical and Commercial) for the purchase of equipments 1. FT-IR Spectrophotometer 2. Server and workstations. The complete details are available on the University website: www.pondiuni.edu.in.

The last date and time for submission of tenders is on **27th July 2018 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/2018-19/

Date: 11.07.2018

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 **on 27th July 2018 at 3.00 pm.** The technical details and specifications given below:

Specifications & Technical Details

Code: PU-MSB-DBT-2018-01

FT-IR Spectrophotometer

Spectral Range	7800~375 cm ⁻¹ or 7000–350 cm ⁻¹ mid-infrared KBr beamsplitter
Wavenumber Accuracy	~0.05cm ⁻¹
Spectral Resolution:	Better than 0.8cm ⁻¹
Signal to Noise	20000:1 or 35,000 : 1 for 1 minute, (peak to peak)
Source	Mid-infrared Ever-Glo, user replaceable
Laser	Temperature controlled solid-state laser
Interferometer	permanently aligned interferometer
Detector	Fast recovery deuterated triglycine sulfate (DTGS) detector or High performance DLATGS
Optics	Optics encased in a sturdy magnesium-alloy frame,

	sealed and desiccated optical bench protects internal components with protective KBr windows
Diagnostics	Automatic accessory recognition, Humidity, Temperature
Performance Verification	Automated performance verification as per ASTM, Internal NIST Traceable polystyrene film
Software	Suitable software for Complete collection of spectral processing and analysis verification, Customizable toolbar and menu options, Live display of data collection and spectral data preview, Peak analysis tools, peak area, peak height, Data processing, conversions and corrections. Quantitative analysis, baseline correction, smoothening, derivatization, spectral deconvolution, library search etc.
Accessories	Hydraulic press kit with 13mm pellet holders and die. Kit should also accompany with Agate, Mortar
Installation and Familiarization	Installation and training to users should be given at our laboratory by a trained Application engineer.
Accessories:	
1.	Desktop computer with Laser colour printer
2.	Air conditioning (2 ton) to run the equipment

Code: PU-MSB-DBT-2018-02

Server and Workstations

Technical Specifications

Processor(s) 2 x Intel® Xeon E5-2650V4 processors (12-Core, 2.2GHz, 30M Cache)

RAM 128GB DDR3-1066 ECC RDIMM (Max. 2TB)

RAID SAS 6Gbps RAID controller with support for RAID 0, 1, 10, 5 & 6

HDDs 6 x 1000GB, 7200 RPM,

Enterprise SATA, hot-plug SFF HDDs Optical DVDRW drive

NIC Dual Gigabit (10/1000/1000Mbps) Ethernet

Graphics Matrox G200eW controller with 16MB

Management IPMI 2.0 compliant with dedicated port.

Supports KVM over LAN Exp.

Slot(s) 10 x PCI-Express x8 (1 slot occupied, 9 slots free)

Ports 1 Serial, 2 USB, 2 x Network, 1 x Management, 1 x Video Chassis 5U rack-mountable with sliding rails

P. Supply 2800W, redundant (2+2), hot-plug power supplies (80PLUS Gold)

Peripherals None (No Monitor/Keyboard/Mouse bundled with system)

HP Z840 Workstation

Windows 10 Pro and other editions and downgrades available

Linux® Operating Systems

Powered by Intel® Xeon® processor E5-2600 v3/v4 family

Up to 1 TB DDR4-2400 MHz Registered ECC memory

11 (with 64 GB DIMMs)

High density storage: configure up to 10 internal SFF drives for performance, capacity, and security

Optional Thunderbolt™ 2⁷ technology for up to 4x the bandwidth of USB 3.0

Seven high-speed PCIe slots enable greater data throughput to multiple I/O devices

HP Z Turbo Drive G2 (PCIe SSD) for up to 4x the performance of SATA SSDs now in a 1 TB capacity, Up to four 1 TB

HP Z Turbo Drives with the optional HP Z Turbo Drive Quad Pro for up to 4 TB capacity and up to 16x the performance of SATA SSDs 14

Highest-performing GPU computing solutions available in the HP Z family

Optional HP Z Cooler to dissipate processor heat faster and more efficiently than ever before

HP Remote Graphics Software (HP RGS) included for high-end screen sharing or remote access to a workstation

TERMS AND CONDITIONS

I. General Information: -

1. Last and time of receipt of the Tenders: **27.07.2018, 3.00 PM**
2. Date and Time of opening of Tender and Technical Bid: **27.07.2018, 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. 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.

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

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

3. 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.

4. 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.

5. 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.

6. 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.
7. Complete technical specifications and literature, including process flow, to be included with the quotation. Manufacturers of various major parts/equipment must be mentioned explicitly.
8. A clear statement regarding availability of after-sales service and availability of spare-parts for next 5 to 10 years should be included.
9. 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.
10. 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.
11. 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.
12. All equipment must operate at 230V/50 Hz single phase and / or equivalent three phase electrical power.
13. The validity of the each quotation should be at least 1 Year from closing date of the bid.
14. The offers will not be considered if received after the bid closing date and time.
15. The offers received through telex / tele-fax / e-mail will not be accepted by the University under any circumstances.
16. The University shall not be responsible for any delay / loss or non-receipt of tenders by post / courier service.
17. No unsolicited correspondence shall be entertained after the submission of the offer.
18. 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.
19. Additional terms and conditions will be incorporated in the purchase order, if needed, to safe guard the interests of the University.
20. Tender is not transferable

21. 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.

22. 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.

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

24. 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.

25. 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.

26. 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 and Tender documentation fee:

The Tender must be accompanied by EMD and Tender documentation fee 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 a reasonable 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: 11.07.2018

PRINCIPAL INVESTIGATOR