

PONDICHERRY UNIVERSITY
SCHOOL OF LIFE SCIENCES
Centre for Bioinformatics

TENDER NOTICE

The Co-ordinator, UGC-SAP, Centre for Bioinformatics, Pondicherry University invites separate tenders in sealed covers under Two Bid systems from reputed Foreign/ Indian Manufacturers/ authorised dealers for the supply of the following items

1. Direct Heat Co2 incubator – 1 No. (Code: BIC-UGC-SAP-01-2013)
2. Fluorescence Inverted Microscope – 1 No. (Code: BIC-UGC-SAP-02-2013)
3. Biosafety cabinet -1 No. (Code: BIC-UGC-SAP-03-2013)
4. Liquid Nitrogen Containers-2Nos. (Code: BIC-UGC-SAP-03-2013)

The tender schedule containing full details along with the terms and conditions can be downloaded from www.pondiuni.edu.in and www.bicpu.edu.in . A common tender document fee and a separate EMD amount for each equipment should be enclosed.

Tender Document Fee – Rs.500 /-

EMD Amount

1. Direct Heat CO2 Incubator – Rs. 7,500/-
2. Fluorescence Inverted Microscope – Rs. 35,000/-
3. Biosafety Cabinet – Rs. 7,500/-
4. Liquid Nitrogen Containers (2Nos) – Rs. 5,000/-

The tender should be sent to **The Coordinator, UGC SAP, Centre for Bioinformatics, Science block II, Pondicherry University, Pondicherry – 605014**, in sealed cover superscripted as **“Tender for Wetlab Equipments – UGC SAP – Equipment Name ”** by Thursday **12.12.2013 before 3.00 PM**. The University reserves the right to accept or reject any or all tenders without assigning any reason thereof. The University will not be responsible for loss or postal delay of tender documents

REGISTRAR

Tender Document

**PONDICHERRY UNIVERSITY
Centre for Bioinformatics
SCHOOL OF LIFE SCIENCES
(R.V.NAGAR, KALAPET, PUDUCHERRY-605 014)**

SCHEDULED OF TERM & CONDITIONS

Sub: Supply of Major Equipments (Imported/indigenous) for the UGC SAP, Centre for Bioinformatics, School of Life Sciences – Reg.

Scheduled of Requirements

Sealed tender are invited under **two bid systems** for Major Scientific Equipments as per the technical details and specifications given below:-

SPECIFICATIONS

1. Direct Heat Co2 incubator – 1 – No. (Code: BIC-UGC-SAP-01-2013)

- **Direct Heat Co2 incubator with fanless design and High Temp Decontamination**
- **Six sided direct heating profile with gentle convection circulation of chamber atmosphere for exceptional uniform temperature and incubator environment**
- 170 liter capacity, 6.0 cu. Ft on a minimal footprint
- **IR Co2 sensor with automatic auto-zero programmable function to ensure accurate calibrated measurements**
- Co2 range: 0.2-20% with $\pm 0.1\%$ control, $\pm 0.2\%$ Stability and $\pm 0.1\%$ Uniformity
- Temperature range 4°C above ambient to 50°C
- Seamless chamber
- 25mm access port
- Perforated shelving
- Sealed inner 4 /8 split door for atmosphere conservation should be quoted.
- RS-232 Communication port
- **Stackable up to 2 units high**
- Large volume humidification pan with dedicated independent heater
- Quick and comprehensive chamber for effortless cleaning
- HEPA filtration of gas supply inlets to minimize contamination risk
- 4- Position shelving rack with 4 shelves

Accessories:

One Co2 cylinder with two stage regulator should be provided along with the machine

2. Fluorescence Inverted Microscope with (Code: BIC-UGC-SAP-02-2013)
Desk top computer - 1 No.

| Description | Specifications |
|-----------------------|--|
| General: | Inverted fluorescence microscope with fast research grade high resolution CCD with 5 Mega Pixel Camera and image analysis system. |
| Optical System: | Infinity Optical System |
| Microscope Body | Illumination Pillar detachable; 4 filters sliders for 45mm filters (Green; Neutral Density, Blue and Heat Absorbing); External transformer; Condenser holder; Refocusing stopper. 12V/100W halogen lamp in Centerable housing and integrated diffuser. |
| Observation Tube: | Binocular type 25degree inclination (Light-distribution: 100 Eyepiece, and 20 Eye - 80 Left) |
| Objectives: | Achromat 4x/0.10, Achromat Phase 10x/0.25 and Achromat Phase 20x /0.40 and Achromat phase 40x/0.55 with cover glass correction 2.7 – .7mm. |
| Eye piece: | Wide filed 10x focusable (FOV 22mm) with diopter adjustment, 10x with cross line, focusable with diopter, 12.5x focusable with diopter and 15x focusable with diopter adjustments. |
| Reticles: | Cross line reticle 023 mm with micrometer scale (100 div in 10mm) |
| Nose piece: | Sextuple Nosepiece |
| Coarse/fine focusing: | Coaxially positioned control knobs, coarse 5mm rotation, fine 0.1mm/rotation, Min increment 1 um, Coarse motion torque adjustable |
| Stage: | Plain stage 260 x 300mm, hard coated surface; Mechanical Stage for viewing specimens on Universal holder |

| | |
|--|---|
| Condenser: | LWD NA 0.52 m turret condenser Phase slider with Centerable Ph1, Ph2, Ph3 and BF for LWD lens |
| Fluorescence Attachments: | With six filter turret assembly, built-in Noise Terminator, 100W Mercury Vapour Lamp House. Heat Absorbing Filter, and Light Shielding Plate, a Lamp house for 100W mercury with bulb. |
| Filter Cubes: | UV, Blue and Green and empty filter, with their respective exciter, emitter and dichroic; |
| Software: | 4D experiment ability, Microscope control Image Acquisition, Time Lapse Image, Extended depth of field, Multi-channel Fluorescence, Annotation, Auto-measurement for length, breath, area and so on. |
| Digital Camera | 5 Mega Pixel with 2/3" CCD sensor, 12 bit firewire camera, 21 FPS. |
| Essential Accessories: (at no extra cost) | 3KVA Suitable UPS and stabilizer with one hour backup and 3 year warranty. Should provide dust cover and stage extension Plate Burner Mercury-HBO 100W/2-2 numbers All necessary consumables for initial installation and standardization All spare parts should be available with the supplier or principals for period of 10years |
| Power requirements: | Power input to be 220-240 VAC, 50 Hz fitted with Indian type plug pin. |
| Conditions for operation: | The unit should be capable of being located and operated in an ambient temperature of 0-50oC and relative humidity 15-90%. |
| Computer | RAM-4GB; Hard disk; 500GB Processor INTEL Core i3 processor Windows 7 operating system Image processing software |

Note: Inverted Microscope should be upgraded to few Motorised Assembly of nosepiece, Motorised filter wheel, DIC Upgradation. Inverted Microscope, digital camera and image analysis software from the one company only. It should be upgradable for TIRF/Confocal Attachment etc. in future.

3. Biosafety cabinet -1No (Code: BIC-UGC-SAP-03-2013)

- Class II
- External Size (mm): 1100×850×2200 (apprx.), Internal Size (mm): 970×600×660(apprx.) – to match equivalent to internal volume 350 Litres
- HEPA-filtered unidirectional (laminar) flow (ISO 5/Class 100) with removable screen for cleaning purpose
- Dual blower motor (Independent motors for both inflow and down flow).
- Control System: Microprocessor
- Front Panel: Multi-layer doubling with toughened glass and sealing gasket -openable
- UV light for Sterilization and fluorescent light above work space
- Noise: <65dB
- Electrical requirements: 220-240V (50Hz)
- Stainless steel (Grade 304) for inner working space and for instrument stand
- Ergonomic design.

4. Liquid Nitrogen Containers- 2 Nos. (Code: BIC-UGC-SAP-04-2013)

3 L capacity Container- 1no

- Capacity 3L
- Neck tube diameter: 50mm
- Empty weight: < 3.5Kg
- Evaporation: < 0.143 Liters Per day

25 L capacity Container-1 no

- Capacity: 25 Liter
- Neck Tube Diameter: <90 mm
- Empty weight: < 3.5Kg
- Evaporation: <0.35 liters / day

TERMS AND CONDITIONS

I. General Information: -

1. Last date and time of receipt of the Tenders: **December 12, 2013, 3.00 PM**
2. Date & Time of opening of the Tender: **December 13, 2013, 2.30 PM** (Technical Bids)
3. Tender Document fee **Rs. 500/-**
4. **EMD Amount**
 1. Direct Heat CO2 Incubator – Rs. 7,500/-
 2. Fluorescence Inverted Microscope – Rs. 35,000/-
 3. Biosafety Cabinet – Rs. 7,500/-
 4. Liquid Nitrogen Containers (2Nos) - Rs. 5,000/-
5. **Two bid systems** has to be strictly followed. (one for Technical bid and another for commercial bid to be submitted in separate covers)
6. However, the tender document fee will be common and the EMD amount as specified above should be separate for each equipment remitted by each firm / bidder, for all their Technical bid advertised under this tender.
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 server 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.
8. The Tender Document Fee and EMD should be submitted in a separate cover superscribing **Bank Demand Draft** and which should be enclosed with the each technical bid.
9. The Photo Copies of the Bank Instruments on payment of EMD should be attached with each bidding covers.
10. 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 equipments the tender is quoted for.

The cover should also contain the information like, the "Bid for UGC SAP WETLAB Equipments – Equipment name – **Centre for Bioinformatics**" for which the bids are submitted. The name and address of the bidder should also be mentioned at the From address space.

11. All Bank charges outside India and Freight should be borne by the supplies.
12. A letter from the supplier authorizing local agent to attend our future requirements and enquiry.
13. The payment may be made only after receipt of the items in good working conditions as per specification. The University would not be making payment in case of receipt of items found defective in any manner whatsoever. In such an event all the related charges if any incurred by the University would have to be paid/borne by supplier.
13. The goods after customs clearance from Chennai Airport should be insured and well in time to be transported to the Centre for Bioinformatics, Pondicherry University, Pondicherry by the supplier.
14. The tender should be sent to **The Coordinator, UGC SAP, Centre for Bioinformatics, Science block II, Pondicherry University, Pondicherry – 605014.**

The examples for super-scribing in the envelope of tender are given below: -

| | |
|---|----------------------------|
| Tender submitted under two bid system for UGC-SAP, <u>Centre for Bioinformatics</u> | |
| <u>Equipment name and code</u> | |
| To | |
| | The Coordinator, |
| | Centre for Bioinformatics, |
| | Science Block –II, |
| | Pondicherry University, |
| | R.V. Nagar, Kalapet, |
| | Puducherry – 605 014. |
| From | |
| Supplier's Address | |

Those who submit their tenders by post shall send the same before the prescribed deadline to the same address.

The tenders sent through fax / e-mail will not be accepted.

II. Common Conditions (Import or Indigenous)

1. Purchase of Tender Document:

The Tender document can be downloaded from the University website www.pondiuni.edu.in or www.bicpu.edu.in procured from the Centre for Bioinformatics Science Block II, Pondicherry University on payment of fee as specified above, by means of a D.D. drawn in favor 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.

2. Price Schedule

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, etc. at the respective Department, Pondicherry University.

The prices quoted shall remain firm until the server is supplied to the respective Department, 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, Software including computers.
- b. Accessories and spare parts of goods specified in (a) above and consumables.
- c. Computer software, 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 at least 36 months from the date of putting the system into operation at the Pondicherry University, or at least 42 months from the date of receipt of the last lot of the consignment in India.

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 safe guard 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 Centre for Bioinformatics, Pondicherry University shall be final in this regard.

26. Bidder(s) must be authorized business partners of Global / National service providers of the respective server.

27. The Bidders must enclose authorization letter from the respective global / national service providers of the above said server 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.

28. The Bidder should not be involved in any Bankruptcy filing for protection from it.

29. For any clarification with respect to technical specifications, please contact, Dr. A. Dinakara Rao, Centre for Bioinformatics, Pondicherry University. Contact Number: 0413-2654946.

III. Specific Condition for Imported Equipments

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** separately. *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 payment 90% will be released and the installation & training. However, 100% payment will be released if the supplier provides Bank Guarantee towards performance Security for the 10 % of the total cost of the server to cover the License Period.

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

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.

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

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.

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.

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

ASSISTANT REGISTRAR (P)

Date: 01.08.2013

ANNEXURE - I

BANK GUARANTEE

Pondicherry University

Bharat Ratana Dr. B R Ambedkar Administrative Building

R Venkataraman Nagar

Puducherry 605 014

This guarantee made this _____ day of _____ 200_ by _____ Bank having its Registered Office at _____ and one of its branches at _____ (hereinafter referred to as “the Guarantor” which expression shall, unless it be repugnant to the subject, meaning or context thereof, be deemed to mean and include its successors and assigns) in favour of the Pondicherry University, Puducherry 605 014 represented by its Registrar, having his office at R. Venkataraman Nagar, Kalapet hereinafter referred to as the “University” which expression shall include his successors in office for an amount not exceeding Rs. _____ (Rupees _____ only) at the request of M/s. _____ (more fully described hereunder)

2. Whereas the University has placed Work Order No: PU/ _____ dated _____ for _____ with _____

M/s. _____ having its office at _____

_____ and hereinafter referred to as the “Contractor” which expression shall include their successors and assigns.

3. And whereas the Contractor has accepted and agreed to execute the work as per the work order as per undertaking / agreement dated _____ within the time stipulated and in the manner specified therein.

4. And whereas the University has called upon the Contractor to furnish Bank Guarantee for the sum of Rs. _____ (Rupees _____ only) for fulfillment of the said work as specified in the work order and as agreed to by the Contractor.

5. And whereas the Contractor has requested the Guarantor herein to furnish an irrevocable and unconditional Bank Guarantee in favour of the University for an amount of Rs. _____ as guarantee towards execution of the work as agreed to by the contractor to the University.

6. Now, therefore, we _____ Bank, the Guarantor herein, do hereby irrevocably and unconditionally Guarantee the payment to the University the sum not exceeding Rs. _____ (Rupees _____ only) in the event of any breach, failure, neglect or inability on the part of the Contractor in the execution of the said work, on demand without reference of the matter to the Contractor and without any prior consent of the Contractor, at all times throughout the period of execution of the work, without demur, cavil or argument or delay.

7. The Guarantor agrees and undertakes that the decision of the University as to whether the contractor has committed any breach of the obligation with respect to the work to be executed, and the quantum of amount therefore payable by the Contractor to the University in that regard, shall be final, binding and conclusive as against the Guarantor and the Guarantor shall make payment accordingly, on demand by the University.

8. The Guarantor further agrees and undertakes to pay to the University the amount demanded by the University irrespective of and notwithstanding any dispute raised by the Contractor in any suit or proceeding before any judicial forum relating to the Contracted work and the Guarantor's liability under this Guarantee shall be absolute and unequivocal.

9. This Guarantee is issued subject to the condition that the liability of this Guarantor under this guarantee is limited to the maximum of Rs. _____ (Rupees _____ only) and the guarantee shall remain in full force up to _____ and cannot be invoked otherwise than by a written demand or claim by the University for the payment of the said amount by the Guarantor on or before _____ or any extended date as decided by the University.

10. This University shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the contracted work or to extend time for performance of the work by the Contractor. Any change to the contracted work shall not in any way release the Bank (Guarantor) from liability under this Guarantee and we waive notice of any such change. The University shall have full liberty to forbear or enforce any of the terms and conditions of the contracted work.

11. This Guarantee shall not be affected by any legal limitation, disability or other circumstances relating to the Contractor or the Guarantor.

12. This Guarantee shall be valid for the period upto _____ and shall extend further and beyond _____ for such period as determined by the University.

13. The Guarantor undertakes not to revoke this guarantee except with the previous consent of the University in writing.

14. Notwithstanding anything contained herein:

Our liability under this guarantee shall be limited to Rs. _____

(Rupees _____ only)

This guarantee shall be valid upto _____ and for such further period as determined by the University for fulfillment of the contract.

We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only and only if you serve upon us a written claim or demand on or before _____ or such extended period / date.

In witness whereof, this Guarantee has been executed by _____ for an on behalf of the Bank (Guarantor) on the day, month and year first above written.

SIGNATURE AND SEAL

NAME OF THE BANK (GUARANTOR)

ADDRESS:

ANNEXURE - II

BIDDER'S WARRANTY

The Registrar, Pondicherry University, Puducherry invited Bid Document for supply and installation of the equipment(s) namely, _____ at _____, Pondicherry University, Puducherry AND M/s. _____

Thereinafter referred to as "The Bidder" having carefully studied all the bid documents, Specifications, etc. accompanying the tender for supply of the above mentioned Equipment and desirous to submit the bids as per the Tender Document advertised vide Notification No.PU/DBT/IPLS/2012-13/ dated 08.03.2013.

DO HEREBY WARRANTY THAT

1. The bidder is familiar with all the requirements of the bid documents.
2. The bidder has investigated the site and satisfied, he regarding the character and scope of the work and local conditions that may affect the supply or its Performance.
3. The bidder is satisfied that the supply can be performed and completed as required in the contract.
4. The bidder accepts all risk directly or indirectly connected with the performance of the contract.
5. The bidder has had no collusion with other contractors, with any of the men of Pondicherry University, Puducherry, or with any other person in preparation of the bid.
6. The bidder has not been influenced by any statement or promise of the Officials of Pondicherry University, Puducherry but only by the bid documents.

7. The bidder is financially solvent.

8. The bidder is experienced and competent to perform the contract to the satisfaction of the Co-ordinator, Central Instrumentation Facility, Pondicherry University, Puducherry.

9. The statements submitted with the bid are true.

10. The contractor is familiar with all general and special laws, acts, ordinances, rules and regulations of the Municipal, District, State and Central Government that may affect the work, its performance or personnel employed therein.

11. All the terms & conditions of the Supply Order will bind the bidder once his quote is accepted and supply order issued.

Signature of the Bidder