

# UNIVERSITY OF KALYANI



## NOTICE INVITING TENDER

**Tender Ref. No. KU/NIT/EQP/MB/EI/2017-18/03**

**Date: 22<sup>nd</sup> August, 2017**

Sealed tenders are invited for Supply of **Shaking incubator (cooling), Gas cylinder with regulator, Peristaltic Pump** to the Department of **Microbiology**, University of Kalyani from reputed vendors having valid up to date Trade License, I.T., VAT, Service Tax and Professional Tax clearance certificate and experience for at least last two years for supplying similar type of items.

Tender documents may be downloaded from the University website [www.klyuniv.ac.in](http://www.klyuniv.ac.in) and the same after filled up must be submitted in a sealed envelope addressed to, **Department of Microbiology, University of Kalyani, Kalyani, 741235.**

**Last date of receiving tender document either by hand or by post: 31/08/2017 up to 4 p.m.**

- For specifications of the above items please refer **Annexure-A** of the Tender Documents.
- For furnishing basic information about the bidder, please refer **Annexure- B** of the Tender Document
- For submission of Quotation, Bidder must follow the Price Bid Format vide **Annexure – C** of the Tender Document.
- Bidders must comply the Terms and Conditions as mentioned in the **Annexure-D** of the Tender Document.
- Bidder must submit Undertaking form as mentioned in the **Annexure-E** of the Tender Document.

Sd/-

**Dr. Ekramul Islam**  
**Department of Microbiology**  
University of Kalyani, Kalyani -741235

**(1) Technical Specification of Shaking incubator (cooling)**

**i) Main component:**

- System should be upright.
- Integrated preferably with incubator and shaker.
- Internal chamber: Mirror surface stainless steel (302 grade).
- External material: Cold-rolled steel with anti-bacteria powder coating.
- Temp Control Range: below ambient, preferably (4°C to 60°C)
- Temp Control Precision:  $\pm 0.1^{\circ}\text{C}$
- Temp Stability:  $\pm 1^{\circ}\text{C}$
- In build compressor with CFC-free refrigerant.
- DC motor.
- Drive mode: unishaft
- System should be microprocessor PID controlled.
- Capacity: nearly 200L
- Shelves : preferably 1 (optional)
- Preferably have LCD display to show temperature and shaking velocity.
- Programmable
- Auto-renew after power interruption as originally programmed.
- Auto stops when the door is opened for sample protection, strong air spring rod for easy opening and closing.
- Consumption: not more than 900W
- Rotary Speed : preferably between 20-300 rpm
- Rotary Speed Precision:  $\pm 1$  rpm
- Timing Range: 0-555 hours
- Shaking part: Preferably with two layers shaking.
- Shaking plate : 2 pcs  
Maximum capacity: 1000ml\*12 or 500 ml\*24 or 250 ml\*30 or 100ml\*48 or 50 ml\*48
- Appropriate clamps for holding various flasks should be provided separately
- Door: single door preferably double all, internal with tempered glass window, external with thick insulated provided with lock and key arrangement.
- System provided with UV lamp, humidity controller, inlet air pipe, light system
- Audio and visual alarm, alarm to over speed
- independent over temperature protector
- Shutdown protection for door opening
- Preferably CE certified

**ii) Accessories:**

1. Appropriate voltage stabilizer to run the above instrument
2. Inoculation chamber that could create sterile work environment (Internal Size: more than (W\*D\*H) mm 940\*540\*545; HEPA Filter: 99.999% efficiency at 0.3  $\mu\text{m}$ ; Pre-filter: Polyester fiber, washable; Main Body: Cold-rolled steel with anti-bacteria powder coating, Working Table: stainless steel, Front Window: Manual, 5 mm toughened glass, anti-UV; Blower: Appropriate blower with voltage stabilizer; Air flow velocity: Average of 0.3~0.5m/s (adjustable); Fluorescent Lamp: 21W\*1; UV Lamp: 18W\*1; Caster: Universal wheel with levelling feet).

**3 years warranty and onsite post installation free service**

## **(2) Technical Specification of Gas cylinder with regulator**

Brand New, Filled High Pressure Seamless steel cylinder, Cylinders are ISI marked, confirming IS:7285 specification Flat bottom fitted with valve as per IS:3224, complete with neck ring & cap, painted as specified under gas cylinder rules 1981. Supported with following documents: a) ISI Inspection / Test Certificate b) Hydraulic Test Certificate c) Approval Certificate from chief controller of Explosives, Govt. of India.

Following filled gas cylinder should include

1. Pure hydrogen gas cylinder with 46.7 ltrs/ 7 cu.m. capacity
2. Mix gas cylinder (N<sub>2</sub>=90%, CO<sub>2</sub>=10%) with 46.7 ltrs/ 7 cu.m. capacity
3. Hydrogen gas regulator: Two stage regulator fully S.S. Body & S. S. Diaphragm, can be operated within 0-5 atm outlet pressure.
4. Mix gas regulator: Two stage regulator fully S.S. Body & S. S. Diaphragm, can be operated within 0-5 atm outlet pressure.
5. Cylinder Key Double ended
6. Cylinder trolley: Two cylinder hand trolley with Toolbox, with chain & solid rubber front wheels (Four wheels/ with tool box) Two cylinder hand trolley (Big Jumbo Type/ 7 cubic meters) : Having rear casters , that fall into place when in use, to provide greater stability. Trolleys are powder coated and provided with safety chain for securing the cylinders, can carry two jumbo cylinders at a time. Loading capacity : 100 Kg
7. Necessary Silicon Piping with connector etc.

## **(3) Technical Specification of Peristaltic Pump**

Two different pumps is required with the following feature or single pump that include all feature could also be quoted

Peristaltic pump 1

- This pump should include multi channel (two or more) head.
- Speed Adjustment: 0.00 to 9.99 RPM in 0.01 RPM increments; 10.0 to minimum RPM in 0.1 RPM increments
- Flow Rate: 0 to 37 mL/min max at 0 backpressure (depending on tubing diameter).
- Variable flow rate could be maintained with individual channel independently
- Flow Tubing Diameter: with different diameter, 0.25 mm ID – 4 mm ID
- Power Cord

Peristaltic pump 2

- Single-channel peristaltic pump combines reproducible flow rates with simple operation, either as a standalone unit, or interfaced with programmable fraction collectors.
- Low pulsation flow from 0.6 to 500 ml/h.
- Automatic pressure plate for convenient tubing changes as well as maximum and reverse flow functions.
- Power Cord

Warranty: 3 years for the complete system.

**ANNEXURE-B**

**BASIC INFORMATION ABOUT THE BIDDER**

1.	Name of the Bidder	
2.	Address with telephone/ Mobile No.	
3.	Type of the Organisation (whether sole Proprietorship/ Partnership/ Private Limited for Cooperative body/ Welfare Trust etc.) (attach proof)	
4.	Name, Address & Phone Number of the Proprietor/ Partners/ Directors of the Agency with whom communication (if required) shall be made	
5.	PAN Number (a copy of PAN Card must be enclosed)	
6.	GST Registration Number (a copy of GST Registration certificate must be enclosed):	
7.	Trade License number (a copy of supportive document must be enclosed)	
8.	Credential Documents (Please submit copy of the purchase order for purchase made in last 3 financial years)	
9.	Average Annual Turnover for last 3 years(Please enclose Audited P/L Account for 2013-14,2014-15 & 2015-16)	2013-14: Rs. 2014-15: Rs. 2015-16 : Rs.

**Declaration**

I solemnly declare that the information furnished above by me are true in the best of my knowledge and if subsequently it is found wrong the University will have every right to reject my tender/ terminate the contract.

Further, I undertake that I must follow the terms and conditions as per Annexure- D thoroughly and in case of any non-observance, I shall be bound to accept the decision of the University of Kalyani.

**Signature of the Bidder  
(With Seal)**

**ANNEXURE-C**

**PRICE BID FORMAT (To be prepared in Letter Head/Official Pad of the bidder)**

Sl. No	Item Description	Brand Name (if any)	Basic Cost (Rs.)	VAT (if any) to be charged (Rs.)	Other Charges & duty(Rs.) (if any)	Discount offered(if any) (Rs.)	Total quoted price (Rs.)

**Note: The above format must be used while submission of Price Bid.**

**Signature of the Bidder  
(With Seal)**

**TERMS AND CONDITIONS**

**1. Bid Information:**

- a) Bid must be submitted properly. Corrections, if any, shall be made by crossing out accompanied with initial of the bidder and re writing.
- b) All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price but should be indicated separately in the price bid.
- c) The rate quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- d) Bidder must mention the name of manufacturer and model number for each of the item.
- e) Partial quotation within same item will not be accepted and tender will be rejected in that case.

**2. Bid should be submitted in a sealed envelope after mentioning the Tender Reference Number & Date and shall be addressed to:**

**Dr. Ekramul Islam, Department of Microbiology, University of Kalyani, Kalyani - 741235.**

3. Cost of Tender: The bidder who has not yet submitted bid for the previous tender, must submit the Demand Draft of Rs 500/- as cost of tender (non-refundable) to be issued in favour of "University of Kalyani" payable at Kalyani/Kolkata. DD will be issued on any bank having service branch in Kalyani/Kolkata.
4. Evaluation of Quotation: The Purchaser will evaluate and compare the quotations determined to be substantially responsive.
5. Award of Contract: The purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive both technically and commercially. Purchaser reserves the right to reject any or all the tender, wholly or partly, without assigning any reason thereof and shall not be bound to accept the lowest bid.
6. Document in support of Manufacturer/Dealer and Service Provider has to be submitted along with the tender paper. If the bidder is not the manufacturer, proper manufacturer's authorization and warranty from manufacturer is required.
7. Documents of previous experience for similar trade, at least for last 3 years, must be submitted along with the tender.
8. Bidder must have adequate documents relating to Trade License and updated returns for Income Tax, Professional Tax, Service Tax and VAT.
9. Bidder must submit audited Profit & Loss Account Statement for last 3 years ending 2015-16 ensuring the average annual turnover for the said three years not below Rs.50 lakh

10. Time Schedule: The supply must be completed within 15 days from the date of receipt of the purchase order.
11. Validity of offer: A bidder should spell out in the tender that it shall remain valid for a minimum period of three months from the date of opening of the tender and during this period, the bidder shall not be entitled to revoke or cancel its offer.
12. Place of delivery: Head, Department of **Microbiology**, University of Kalyani, Kalyani, Nadia, West Bengal, India, PIN-741235.
13. **Payment be made after delivery of the items.**
14. In case of any dispute, the University's decision will be treated as the final and conclusive. All legal actions are subject to Kolkata jurisdiction only.
15. The tender documents shall be addressed and submitted to:  
  
**Dr. Ekramul Islam, Department of Microbiology, University of Kalyani, Kalyani – 741235.**
16. Last date of receiving tender document: **31<sup>st</sup> August,2017 up to 4 p.m.**
17. **DSIR Certification:** University of Kalyani possesses the privilege for availing the facility of procuring items at Concessional Customs Duty and without incurring any excise duty as per DSIR certification.
18. **No Tender Document will be received by the department after the above date irrespective of the mode of submission of tender document.**
19. **Quotation must be submitted through official pad of the bidder duly signed with seal and contact numbers of the respective person of the bidder concern.**
20. **Quantity as stated hereinabove may subject to change at the time of issuing purchase order due to the fund crunch or for other valid reasons. University may place order partially/ phase wise depending on its budget.**
21. **University may take decision about non-purchase of the said items even after selection of vendor due to its fund constraints.**
22. **University of Kalyani reserves the right to relax any clause as stated hereinabove for Selection of suitable vendor.**

## **ANNEXURE-E**

### **UNDERTAKING FOR OBSERVING TERMS & CONDITIONS**

(To be submitted by the bidder in their official pad/letter head duly signed with seal)

I/We, the undersigned, agree with the following Terms and Conditions:

1. That Bid will be valid at least for 3 months from the last date of submission of this tender.
2. That I/We will follow the guidelines framed by the University of Kalyani for Technical and Financial Bid Evaluation as well as the process of selection of vender.
3. That having examined the pre-qualification & other documents published in the N.I.T, I /we hereby submit all the necessary information and relevant documents for evaluation and in case of non-submission of any document, the decision taken by the University of Kalyani will be considered as Final.
4. That I have not ever been convicted of any offence making myself liable to be disqualified for entering into a Contract to any Govt. or Govt. undertaking Organization /Institution in the State of West Bengal or other State or States.
5. That no case is pending against me or against my firm in any criminal court of law in connection with any contracts in relation thereto to the Govt. or Govt. undertaking Organization / Institution in the State of West Bengal or other State or States (If any case is pending, state the details ).
6. That my concern has not yet been declared bankrupt by any banking or money lending agency duly licensed by neither RBI nor it has been considered doubtful by any Government concern so far as the solvency of the organization is concerned.
7. That I/We declare that all the information and documents as we furnished and submitted are true and proper to the best of my knowledge and belief. I also declare that if any information subsequently found incorrect or false will it automatically render the tender submitted by me cancelled and make me liable for penal/legal action as per law of the country.
8. That after completion of all sorts of evaluation of this tendering process, If my concern is selected, I will agree to enter into a contract with the University for the period as to be determined by the University at the time of awarding contract to my/our organisation.
9. That I agree with all terms & conditions that have been mentioned in the NIT.

**Signature of the Bidder with seal (if any)**