

# UNIVERSITY OF CALCUTTA

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**COLLEGE OF SCIENCE**  
DEPARTMENT OF MICROBIOLOGY  
35 Ballygunge Circular Road, (6th Floor)  
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Ref. ....

Date : .....

## **Tender Notice**

Reference No. **MIC/AKS/DBTT/Y-1/2017/E-1**

**Date: 15.09.2017**

Sealed tender bids are hereby invited from authorized suppliers/ agents along with necessary business documents for an anaerobic bacterial growth chamber. Specifications of anaerobic chamber are given below.

Intended agencies are requested to submit their technical and financial bids in two separate envelopes in a specified tender box (named '**Tender for Anaerobic Chamber**', placed in the office room) in the Department of Microbiology, University of Calcutta; 35, B.C. Road, Kolkata 700019.

Bids should be typed and addressed to the under-signed, Department of Microbiology, University of Calcutta.

**Last date and time of submission of bids:** October 12, 2017; 4.30 p.m.

**Date of Tender evaluation:** October 13, 2017; 2 p.m.

**Any deviation from tender specifications or tender procedure will result in disqualification.**

### **Specifications for anaerobic chamber**

1. An anaerobic environment system with air lock module (automatic) having a minimum of 400 L workspace. The minimum size of laminated working space should be 3'x2'x2'
2. Anaerobic chamber should be connected with an incubator having a minimum capacity of holding 200 petri-plates. The incubator should be divided into 2 chambers for optimum productivity. The minimum size of the incubator space should be 2'x1'x1.5'. There must be provision for
  - transferring materials from anaerobic chamber to incubator
  - making vacuum and purging the inert gas in both the chambers separately
3. The incubator should have the capacity to maintain temperature in the range from ambient to 45°C with digital controller.
4. The chamber must have one gas tight door to transfer materials from outside to the anaerobic chamber at the opposite site to that of incubator.

5. Two glove ports with latex gloves must be provided in the front.
6. Anaerobic work station should be accompanied with
  - Gas regulator(s) with tubing and fittings
  - Gas leak detector
  - Minimum of two-receptacle plug strip
7. Anaerobic work station should work on AC 220Volts 50Hz Mains with power consumption of about 15W in full load.
8. The following items should be included with the standard equipment
  - Vacuum pump, tubing and Pressure gauge
  - Purging facility provision to connect to inert gas having inlet & outlet connection with needle valve.
  - Two medium size (10 litres) filled gas cylinders with regulators and tubing.
  - LED illumination and UV illumination facility.
  - Gasket for flange, SS nut & bolt (304 grade), SS pipe fittings (304 grade) as required must be provided to setup the equipment.
9. **Material of construction:** The complete structure should be made with 14 mm thick transparent UV resistant Plexiglas.

**Terms & Conditions:**

1. Intended agencies/ suppliers have to submit all inclusive rates including taxes.
2. Bids should be accompanied with self attested copies of current GSTN, CST/VAT, Trade License, PAN, Income tax documents, Registration Certificate, with Statutory Authorities and other credentials.
3. The agents/ suppliers should be liable to provide after sale service
  - For the replacement of the damaged parts/accessories during the first year after installation
  - For the regular maintenance during second and third year after installation

**Acceptance of lower rate is not obligatory and the undersigned reserves the right to accept or reject any or all quotations without assigning any reason thereof.**

*Alok Kumar Sil*  
**DR. ALOK KUMAR SIL 15.9.2017**  
Head  
Department of Microbiology  
University of Calcutta