

**University of Allahabad**  
Limited Tender Enquiry (LTE)

Ref. No.: EQP/03/2017

Date: 12/2/2018

To,

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Dear Sir,

We intend to purchase “ **DEEP FREEZER, PLANT GROWTH CHAMBER, COD DIGESTION APPARATUS & HIGH PRECISION DIGITAL BALANCE**” at Department of Botany, Allahabad University. Kindly arrange to send QUOTATION in favour of “The Head, Department of Botany, Allahabad University” giving lowest rates per unit along with terms & conditions in sealed cover addressed to the **The Head, Department of Botany, University of Allahabad, Allahabad, 211 002**. So as to reach this office of the Department of Botany, Allahabad on or before 20 February, 2018.

THE WORD “QUOTATION” OUR REFERENCE NUMBER AND DATE SHOULD BE BOLDLY MENTIONED ON THE COVER.

Sl. No.	Descriptions of the Goods	Qty. req.	Rate per unit	Total cost
1.	<p>“ <b>-20°C DEEP FREEZER ( Vertical )</b>” Preferred Make: Thermo Fisher/ Eppendorf</p> <p><u>Technical specification:</u> Capacity- 170 ltrs., Temp. range from ambient to -20°C, temp. accuracy should be min. <math>\pm 1^\circ</math> c or better, Convenient air filter location allows easy access for inspection and changing. Temp. displays actual and sample probe ( optional ), Numerous audible/visual alarms i.e. power failure, high/low temp., etc.</p> <p>Electronic LED temp. indicator cum controller, Microprocessor based, calibrate the set control probe parameters, Data logger. Hermatic compressor which provide improved product protection, better temp. recovery time and increased heat removal. Front to back air circulation system delivers cooler compressor temperatures, increased performance and reliability &amp; longer compressor life.</p>	<b>02</b>		
2.	<p><b>Plant Growth Chamber</b> Preferred Make: Thermo Scientific/ NSW</p> <p><u>Technical specification:</u> Working size: ( HxWxD)mm- 830 x 505 x415 mm, Temp. range: 10°C-45°C+1°C, Inside made of stainless steel 304 quality outside mild steel duly power quoted, fitted with cooling heating, humidity and lighting arrangement. Digital temperature controller settable, programmable with heavy duty wire mesh stainless steel trays, Illumination is controlled by cyclic timer for setting day &amp; night cycle, data logger, humidity control from 45-95% <math>\pm 3\%</math> RH, Stainless steel water tank with heater and blower, Surge tank stainless steel-100 ltr. with automatic water filling, water circulation pump options.</p>	<b>01</b>		
3.	<p>“<b>COD DIGESTION APPARATUS</b>” Preferred Make: Hanna, Buchi, Hahn shin, Thomas</p> <p><u>Tech. Specification:</u> Max. Temp. ambient-200°C or better,</p> <p>Size: 310 x310x310 mm., Warm up time-10 minutes or better, Microprocessor based temp. controller with accuracy <math>\pm 0.5^\circ</math> C. The reactor is equipped with two pre defined temp. settings: 150°C and 105°C . COD and total Phosphorus digestion are conducted at 150°C, Total nitrogen digestion are at the 105°C. Store results up to 15 titrations, provided with stand for glass vessels along with magnetic and glass electrode, Solis block heated unit with provision for 15 samples at a time in 40 mm dia reaction vessels, Data storage logger, Standard APHA method with proven performance, Timer-999 min. with Buzzer, Power requirement: 230v/1000w.</p>	<b>01</b>		

4.	<p><b>HIGH PRECISION DIGITAL BALANCE” Preferred Make: Shimadzu/Metler/Sertorius/A&amp;D</b></p> <p><b>Specification:</b> Maximum capacity 06 kg. approx. Min. display 100 mg., Repeatability - ± 0.01 g., Linearity: ± 0.02 g., LCD Display, Pan size: 150 mm, Response time:3-4 sec., Calibration: automatic internal with uniblock technology, Tare range: Full operating , Temp. 10°C -50°C, Interface-RS232-C with printer facility &amp; bar code reader. Built in high performance Ionizer option. Power supply- AC 222v/ 50-60 Hz.</p>	01		
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1. While submitting the quotation following should invariably be mentioned:
  - a) Name of the manufacturer of the item quoted along with brand name, if any.
  - b) Details of specifications.
  - c) Lowest rate F.O.R. Destination.
  - d) Discount, if any.
  - e) Sales tax/VAT at concessional rate as applicable to the Educational Institutions.
  - f) Period of validity- ( Minimum six month).
  - g) Firm delivery time from the date of receipt of confirmed order, condition of supply and terms of payment.
2. If you are manufacturer of the items or if you have proprietary distribution/Sale authorization please mention it in the Quotation.
3. For items of equipment nature the Instruction Manual, Diagram of the circuit drawing must be supplied along with supply without which the delivery shall be complete.
4. Please fill in and return the Suppliers Profile Form & Mandate Form.
5. Terms & condition as applicable are attached.

**N.B.**

1. Under no circumstances unsealed quotation will be entertained in the Office.
2. Quotations received after the due date shall not be considered.

**Note: Please send separate quotations for each items.**

Head of Department, Botany  
University of Allahabad