

MAHATMA GANDHI UNIVERSITY, SCHOOL OF ENVIRONMENTAL SCIENCES

No.SES/MGU/E/2017 Dated : 21st December 2017

Short Quotation Notice

Sealed quotations in original are invited for the supply of following equipment. The cover containing the quotations should be superscribed with "Quotation for the supply of equipment" and the same should be reached to "Director, School of Environmental Sciences, Mahatma Gandhi University, P.D.Hills, Kottayam – 686 560" on or before 03.01.2018 at 3 pm. **The quotations should be sent separately for each item.**

Sl. No.	Equipment	Specification	Qty.
1	Microscope Image Projection System (with software)	Compatible for binocular microscopes Camera with 5 MP or more USB Interface PC with Windows/Linux compatible	1
2	Oven	<ul style="list-style-type: none"> • Capacity 130 – 150 Litre • Temp range: +5°C to 250°C. • Control accuracy: ±0.5°C. • Minimum 2 No. of Shelves • Digital PID temperature controller with timer, alarms and auto tuning. • Outer body made of G.I Epoxy Coated • Inner body made of Stainless steel with clear bottom 	2
3	Digital overhead shaker	Timer: Countdown, adjustable from 1 s to 99h 59min <ul style="list-style-type: none"> • Counter: Display of shaking time • Suitable for continuous operation • Speed range: 5 - 80 rpm 	1
4	Adjustable micro pipettes with tips	100-1000µL and 20-200 µL, tips	4 each
5	Refrigerator	250-260L, double door, Stabilizer	1
6	Lab refrigerator	Lab refrigerator with glass window, capacity - 500L minimum, digital display, temp range 2- 8°C	1
7	Deep Freezer	Vertical, Volume : 200 ltr , Minimum Temp : -20°C	1
8	Vaccum Pump	Max power: 190W; max Vaccum: -650mm/Hg; Low noise level (<55dB)	1
9	Vaccum pump	Oil free compressor with maximum vacuum of 80psi , compact in size and low noise	1
10	Shaker	Orbital shaker - Digital speed control - Speed range : 50-350 RPM - 250 Platform with clamps for flasks, 250ml (25places)	1
11	Sieves	stainless steel ASTM sieves with normal	12 nos.

		diameter and varying pore size (2000, 1410,1000, 710, 500,350, 250, 177, 125, 88,63 microns) . Stainless steel sieve of different sizes (2mm, 1mm, 200µm, 50 µm, 20 µm)- Height 5.5 cm and diameter 10 cm	
12	Vortex mixer	Light duty cap type Variable speed 200-2800 RPM	1
13	Incubator Shaker	Rotary shaker with contralable speed upto 250rpm	1
14	Hot plate	Hotplate Teflon coated	
15	Peristaltic pump	Peristaltic Pumps with for channels, adjustable flow rate ranging from 0ml/hr to 1500ml/hr with digital flow rate control and auto stop with audible alarm	1
16	Incubator	Capacity : 100 -250 L. Temperature: 02 - 70 ⁰ C ± 0.2 Light : Flourescent with separate control unit Digital display	1
17	Gas flow meter	Digital with microprocessor enabled Flow Range : 0.100 to 10.000 LPM Resolution 0.001 LPM Accuracy : ± 1% With Standard Pressure Sensor/s Gas measured : dry air, wet air, Nitrogen, Argon, Oxygen, Helium, Hydrogen, Carbon dioxide etc. USB port facility Power: Mains operated with 12 V external adaptor	1

Terms and Conditions

1. Only those firms who are capable of supplying the goods and after sales service promptly need to quote.
2. The cost of items should include all taxes and other charges.
3. The undersigned reserves every right to reject or accept any or all quotations without assigning any reason, thereof.
4. The quotation should reach the office of School of Environmental Sciences with all details before 3 pm on 03.12.2018 and will be opened at 3.30 p.m. on 04.01.2018
5. The quotations without observing the above specifications, terms and conditions will be rejected.

Sd/-

Dr. EV Ramasamy

Director, School of Environmental Sciences