

COLLEGE OF AGRICULTURE, MUL (MARODA)
Distt. CHANDRAPUR

Quotation Notice

No. CoAM/ Pl.PathLab / 384 /2025

Date: 23 /07/2025

Subject: Quotation for purchase of equipments and machineries for the establishment of Plant Pathology laboratory at College of Agriculture, Mul

We intend to Purchase the equipments and machineries for the establishment of Plant Pathology at College of Agriculture, Mul. Therefore, you are requested to forward your quotations (Purchase of equipments and machineries for the establishment of Plant Pathology laboratory at College of Agriculture, Mul) to reach this office on or before 01 .08. 2025 (Friday) up to 5.00 PM. as per details given as under

Sr No.	Particulars	Quantity	Cost Per unit (Rs.)	Total Cost (Rs.)
1	<p>Laminar air flow Horizontal Mild Steel Type HM-1 Working Area Size: 2' x 2' x 2' ft Pre-Filter : 99.00 % down to 5 microns HEPA Filter : ISO 14644 Class 5 (Class 100) 99.97 % - 99.99 % down to 0.3-micron Mesh guard for protection of HEPA Filter Air Flow : Frontward Horizontally Noise Level : 60 decibels \pm 5 % Velocity : 0.35 – 0.50 m / sec Worktable : Made up of Stainless steel 304 gr Cock for gas on worktable. Side Panels : 6mm \pm 5 mm thick acrylic sheet. Front door : Made of acrylic UV Lamp : 15/30 W make Philips Holland Illumination : 20/40 Fluorescent tube Power Supply: 230 V \pm 10V /50 Hz single phase Cabinet : Made of mild steel duly powder coated Heavy Duty Blower: Dynamically balanced with 0.25 HP Electric Motor Mounted on anti-vibration pad 1440 rpm motor Complete with Microprocessor based switches for blower. Fluorescent light and UV light with LCD back light display (UV light with timer) Pressure: Digital Manometer 0.50 mm range with filter failure alarm</p>	1		
2	Hot air oven	1		

	<p>Size: 35 X 35 X 35 Capacity: 45 Ltr. Double wall construction with Inner chamber made of Stainless Steel – 304 Grade Exterior of CRCA steel with powder coat finish. Heating elements are made of high-grade Nichrome wire and placed at the bottom. Temperature Range: 5°C above ambient to 250°C Temperature controlled by digital temperature controller cum indicator with dual display Operates on 230 Volts AC Single phase 50 Hz</p>			
3	<p>Autoclave 90 lit capacities Foot lifting arrangement for the lid. Fully Argon welded to avoid steam and pressure leakage. Heavy duty industrial flange heaters. Working Pressure: 15 PSI. Perforated basket made of Stainless-Steel sheet – 304 grades. Operates on 230 Volts AC Single phase 50 Hz.</p>	1		
4	<p>Student Microscope Eyepiece: Wide-Field 10X Eyepiece or set of 10X & 15X Huygenian Eyepieces. Objective: Achromatic 10x, 45x & 100x</p>	2		
5	<p>Binocular Microscope All New Design Binocular Head having Hard coated prisms Quadruple revolving Ball Bearing Nose piece Double layered and Fine Focusing system Special graduated mechanical stage with low positioned coaxial knobs Bright LED Light with Solid state power supply circuitry. Semi-plan Achromtic objectives, Extra Wide Field Eye Piece (Hard Coated) along with high quality condenser lens for better results for all magnifications. Objectives : 4x, 10x, 40x, 100x (oil) Eye pieces : EWF 10x (18mm Paired)</p>	1		
6	<p>BOD incubator Size: 45 X 45 X 50 CM Capacity: 3 cf. / 90 Ltr. Double walled construction with backside triple, having Stainless Steel - 304 grade Interior & Exterior CRCA Steel with Powder Coat finish. Castor wheels for easy movability. A key lockable Insulated door having magnetic gasket seals door gaps perfectly. A transparent full length Acrylic inner door is provided to have a clear inner view of the samples/specimens put in, without disturbing the Thermal Conditions inside the incubator. Illumination lamp fitted for clear visibility.</p>	1		

	<p>Mechanical convection system (Motorized Blower) ensures even air distribution within the chamber.</p> <p>Heating by long life 'U' type S.S. tubular heaters. Cooling is done by CFC Free Hermetically sealed Emerson Copland make compressors utilizing R-134 A an eco-friendly refrigerant.</p> <p>Adjustable & removable SS rod type shelves.</p> <p>Temperature controlled by Dual Display Microprocessor based PID Temp. Controller with & PT – 100 sensors.</p> <p>Temperature Range: 5°C to 60°C.</p> <p>Temperature Accuracy: ± 0.5°C.</p> <p>Temperature Uniformity: ± 1 °C.</p> <p>Operates on 230 Volts AC Single phase 50 Hz.</p>			
7	<p>Flask shaker UNIVERSAL PLATFORM SIZE 250 X 8 FLASK</p> <p>The housing made of CRCA Steel - Powder Coat finished.</p> <p>Universal Platform made from S.S. 304 Grade to accommodate interchangeable lotus clamps of assorted sizes for different capacity of flasks.</p> <p>Shaking Speed: 20 RPM to 200 RPM.</p> <p>Shaking Stroke: 25 MM.</p> <p>Operates on 230 Volts AC Single phase 50 Hz.</p> <p>Supplied with Clamp Holders</p>	1		
8	<p>Digital colony counter 4 Digit Seven Segment, Range 0-9999 with Averaging, Count Correction and 100 Sample Storage facility.</p>	1		
9	<p>Digital Spectrophotometer Range 340-960nm with facility for automatic concentration, %Transmission & Abs. measurements. Wavelength resolution 5nm. 3½ digit LED display with a set of 2 glass cuvettes of 10 mm path length.</p>	1		
10	<p>Hemocytometer In box with counting chamber, Cover glasses pair, R.B.C. and W.B.C. Pipettes with rubber suction tubing and mouthpiece.</p>	1		
11	<p>Digital pH meter with electrode Using latest microcontroller, auto temperature compensation, combination pH electrode and temperature probe, auto buffer recognition, touch keys, one touch calibration up to 3-point calibration. 3½ digit LED display. (Table Model) for pH Measurements. (Table Model) Range 0.00 to 14.00,</p>	1		
12	<p>Weighing balance (0.001 gm) Capacity: 220gm Accuracy: 0.001 gm Pan Size: 90MM Display: LCD with Back light</p>	1		

	With Inbuilt rechargeable Battery for continuous use.			
13	Electronic Weighing balance (1-5 kg) Capacity: 6000gm Accuracy: 0.1 gm Pan Size: 160x160mm Display: LCD With Inbuilt rechargeable Battery, high sensitivity and stability for continuous use.	1		
14	Sealing machine (mini) Impulse sealing machine, hand operated 12", Sealing Length: 300mm, Sealing width: 1-2 mm,	1		
15	Centrifuge (mini) With 8 x 15ml Tube Capacity Angle Heads Model No. R-8C Max. Speed : 5250 rpm Max. rcf : 3600 g Max Capacity : 400 ml Supply: 220-240 Volts 50 Hz	1		
16	Magnetic stirrer with hot plate Stirring Capacity: 1 Ltr.	1		

Please write on the envelope **“Quotation for Purchase of equipment’s and machineries for the establishment of Plant Pathology laboratory at College of Agriculture, Mul**

Note.

1. Rates should be for Chandrapur/ Gadchiroli/ Nagpur/Amravati/Akola inclusive of all taxes, Insurance, packing and forwarding charges.
2. Quotation should be sent in the name of Associate Dean, College of Agriculture, Mul, Dist- Chandrapur Pin Code- 441224.
3. If rates are approved you will have to supply the materials within eight days from the date of the supply/ work order.
4. Your Quotation should reach the undersigned on or before the date 01.08.2025
5. Quotations received late will not be considered.
6. GST Certificate and Registration Certificate should be attached.


Associate Dean

College of Agriculture, Mul

Copy to: - Officer In-charge, ARIS cell, Dr. PDKV, Akola for information and to publish the same on University website.