

Kerala Agricultural University
Department of Agricultural Entomology
College of Horticulture, Vellanikkara

Quotation Notice

ENT/RKVY 3/18-19/Q-1

13.03.2019

Competitive quotations are invited for supplying the following equipments as per the specifications given below for the RKVY project of “Bioecology and management of myrmecophilous root mealy bugs in Kerala” Department of Agricultural Entomology, College of Horticulture.

Sealed quotations super scribed “Quotation for equipment” has to be received in the office of the Professor and Head, Dept. of Agricultural Entomology, College of Horticulture, Kerala Agricultural University, Vellanikkara by 3.00 pm on or before 23/03/2019. The quotations will be opened at 3.30pm on the same day in presence of quotationers or their representatives who may be present at that time. In case the last date of receipt for the date of opening of the quotation is declared as a holiday, the same will be postponed to the next working day.

As a DSIR registered research organization we are eligible for a concessional GST rate of 5%.

All the government rules and regulations, governing the submission and acceptance of quotation will be applicable in this case also.

Specifications

Laminar air flow chamber - Technical Specification

Laminar Cabinets Inner Chamber & Outer Chamber made of stainless steel high efficiency particular air filters, to achieve the air purification upto 0.3 Microns in Working area.

Working area 120 x 60 x 60 cm

Blower fitted with ¼ HP Motor, with RPM 1200 to 1400.

Pre-filters made of high grade nylon Net fixed in S.S. frame for first Stage air purification, through blower system.

Closed Inner Chamber fitted with HEPA having very accurate performance rate of air filtration, rated 99.99%, resulting in ceasing all air bore molecule of particle upto 0.3 micron in working area of Laminar Bench.

Working area of Laminar Airflow Cabinets illuminated by fluorescent light ; cabinets operated at 230V. Single Phase 50Hz. AC Supply.

Fitted with UV Germicidal lamp for sterilization.

Fitted with Acrylic Front Door sliding type

Fitted with Manometer for Measurement of HEPA Filters Choking system.

Fitted with cock for Gas Connection. The entire instrument should be with roller wheels

Price should be inclusive of transportation charges, taxes, and electrification charges if needed

Autoclave

- Requirement: Automated autoclave having working chamber of capacity 75 L or more
- Vendor(s): Any reputed brand.
- Minimum Technical specification and (or) features to be present:
- Inner chamber : Stainless steel 304
- Outer Chamber : M.S. covered with Stainless steel 304, abrasion resistance with durable finish
- Lid : Stainless steel 304
- Convenient and fast single Locking system
- Leak proof sealing with registered gasket design
- Digital display of temperature and timer.
- Automatic pressure control switch (APC)
- Dual scales of psi and kPA with temperature read out
- Heater and pressure interlock for lid lock safety
- Low water cut off arrangement
- Vacuum Breaker
- Pressure Gauge
- Water level indicator
- Safety Valve
- Steam Release Valve
- Paddle lifting Device
- Stainless steel Basket(s)
- Power consumption below 4kW
- Single panel feather touch LED microprocessor and controller.
- Simultaneous display of temperature and time should be present.
- Timer should start automatically as soon as the set temperature is reached and stop the cycle automatically as soon the time is over.
- The steam need to be released automatically at the time of purging and again after the completion of the cycle.
- The entire instrument should be with roller wheels
- CE/other internationally accepted certificate
- Warranty minimum of 2 years
- Price should be inclusive of transportation charges, taxes, and electrification charges if needed

Computer

Specification

1. Processor – Intel Core i5 (8th generation)
2. OS - Windows 10 original
3. RAM – 8 GB
4. Hard disk – 1 TB
5. Display – 15.6”
6. Major brands like Dell, Lenovo, HP, Asus, or any other reputed brand
7. Warranty minimum of 2 years

Microcentrifuge (microfuge)

- **Microfuge (Microcentrifuge)**

1. Built in power supply
2. Digital display of time and speed (RPM/RCF)
3. Rotor with six places or more for 1.5ml tubes
4. Spare rotor for 12 places or more for 0.5 ml tubes
5. Speed 15000 rpm or more
6. CE/other internationally accepted certificate
7. Warranty minimum 1 year or more
8. Price should be inclusive of transportation charges, taxes, and electrification charges if needed

Professor and Head

