

# UNIVERSITY OF KERALA

(Established as University of Travencore by the Travencore University Act in 1937 and reconstituted as University of Kerala by the Kerala University Act of 1957 and presently governed by the Kerala University Act of 1974 passed by the Kerala Legislative Assembly.

Accredited by NAAC with A grade)

## DEPARTMENT OF BOTANY



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14/Bot/Equi/617 /

22/02/2017

### QUOTATION NOTICE

Quotations are inviting for the following items in the project on 'Establishment of Translational Research Facility in Plant Cell Culture Technology' in the Department of Botany, University of Kerala, Kariavattom, Thiruvananthapuram.

Sl. No.	Name of Equipment	No. of Units	Specifications
1.	Laminar air flow (LAF) cabinet	2	Laminar Air Flow- Horizontal Type, Outer Dimension-in between 45''x 40'' to 55''x 40'' 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. Two year warranty
2.	Orbital Incubator shaker	1	Internal Volume (Litres) 215, Platform Size 580mm x 600mm, Maximum Shaking Capacity (Volume x No. of flasks), 100ml x 49, 150ml x 49, 250ml x 33, 500ml x 24, 1000ml x 15, 2000 ml x 9, Shaking Speed range (RPM): 20 to 250, Temperature Range & Accuracy 5°C to 60°C, ± 0.5°C, Internal Temperature control Microprocessor with PT-100 sensor, Display: 4" LCD Screen, Large size Display for ease of reading, Power Failure Alarm, Temperature

			Variation Alarm, Chamber illumination with the help of 2 Nos. fluorescent tubes, Internal Body Material Stainless Steel - 304 grade of 316 grade. External Body Material: Powder Coated CRCA Steel. Insulation (CFC free polyurethane foam), 70 mm minimum for Body & 80 mm for Door, Noise Level, Less Than 65 db (A), Two year warranty
3.	Electronic balance	1	Max. Weighing capacity: 220 g Accuracy: 0.1mg Digital display, corrosive resistant body and weighing pan, Two year warranty, auto calibration Two years warranty

### **Terms and Conditions**

- The price quoted should be that applicable for the educational institutions.
- The items should have an onsite warranty for at least 2 years.
- The firm should be capable to extend immediate service, which in no way should not exceed 24 hours.
- Prices are to be quoted FOR DESTINATION (Department of Botany, University of Kerala, Kariavattom. The prices quoted should clearly indicate the 4 following charges: Price of the equipment; Price of optional accessories if any; Customs duty (after submission of custom and excise exemption certificate); Customs Clearance Charges, transportation charges and installation charges. If these details are not provided it will be considered that the price quoted is inclusive of all charges.
- For those bidders submitting tenders for more than one instrument, separate applications for each instrument (Technical Bid and Financial Bid) must be placed in individual sealed envelopes and these envelopes must be placed inside a bigger envelope.
- Only one model can be quoted in a tender. If the tenderer wants to quote for more than one model separate tenders should be submitted. If more than one model is quoted in a single tender it will be summarily rejected.
- Performance Certificate of the specified model should be attached along with the quotations.

The bid **technical and financial** separately complete in all respects may be submitted to Associate Professor & Head, Department of Botany, University of Kerala, Kariavattom, Thiruvananthapuram 695 581, E mail ID: [unikerbot@rediffmail.com](mailto:unikerbot@rediffmail.com) on or Before **6.03.2017 4.00 PM**.

Dr. Suhara Beevy S.  
Associate Professor & Head