

UNIVERSITY OF KERALA

(Established as University of Travancore by the Travancore 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 /17

QUOTATION NOTICE

22/02/2017

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

Name of Equipment	Units	Specifications
Humidity Chamber	1	Fluorescent lights coupled with 24 hours digital timer for lights on / off regulation. Temperature range 10°C to 60°C, Humidity range 50% to 95% RH, Fan motor for air circulation, heating by long life SS tubular heaters, Microprocessor controller with LCD display & capacitance type sensor for precise control of temperature and humidity, 4 Inch attractive LCD display for direct display of humidity & temperature, battery backup for Temperature Controller, auto turning off controller, Power failure and resumption recorded with date and time, Machine filled PUF, Hermetically sealed Compressor with CFC free refrigerant, Histogram format of 24 hours temperature & humidity recording, High and low alarm points-facility to set, chamber calibration port on side, adjustable trays, Low water level alarm and power cutoff, High temperature safety cut off & alarms for high/low set parameters, electrical circuit breaker, Time delay for compressor switch on overload cut off relay for compressor, Internal Volume (Liters) 450, Number of Shelves 5, Internal Dimensions W x D x H (mm) 660 x 655 x 1050, External Dimensions W x D x H (mm) 800 x 1095 x 1620, Temperature Range & Accuracy 10°C to 60°C, $\pm 1^\circ\text{C}$, Humidity Range (Rh) & Accuracy 40% to 95%, $\pm 3\%$, Temperature & Humidity control, Microprocessor with Capacitance type sensor, Display 4" LCD Screen, Large size Display for ease of reading, Power Failure Alarm, Door Open Alarm, Temperature / Humidity Variation Alarm, Set Humidity $\pm 3\%$, Set Temperature $\pm 2^\circ\text{C}$, Illumination 8 Watts Fluorescent Lamp, Internal Body Material Stainless Steel - 304 or -

		316 grade, External Body Material, Powder Coated CRCA Steel Insulation 70 mm minimum for Body & 80 mm for Door, CFC free polyurethane foam, Noise Level Less Than 65 db (A), Working voltage regime: 220-240, Two year onsite warranty .
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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 on or Before **6.03.2017 4.00 PM**.

Dr. Suhara Beevy S.
Associate Professor & Head