

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/

9/10/2019

QUOTATION NOTICE

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

Name of Equipment	Units	Specifications
Ultrasonic extractor	ONE	<p>. Specifications</p> <ol style="list-style-type: none">1. Volume Processing Capacity Minimum 150 µl and Maximum 150ml2. Power Output 130 watt and Output Frequency should be 20 kHz.3. Titanium alloy Autoclavable 6mm probe for 10ml to 50ml processing and another probe for volume processing 0.5ml to 15 ml to be supplies as standard.4. Automatic Frequency tuning and Frequency control and Automatic amplitude compensation.5. System should be Microprocessor-based and completely Programmable6. LCD screen with user prompts and alphanumeric display7. Digital Watt Meter8. Energy Monitor and Integrated temperature controller9. Ten hours process timer10. Overload protection11. Variable Power Output control12. Full function pulser – ON and OFF cycle independently controllable from 1sec to 10 hours13. Sound Abating Enclosure with transparent door Inside lined with white waterproof noise abating material, Support rod and converter clamp, should be supplied from single Manufacturer. Instruction manual and Tool Kit .to be supplied along with the system.14. Three Years warranty15. Vender has service centre in Kerala is preferable16. Kerala User List and minimum three performance certificate from reputed Institution to be attached along with tender documents.

Terms and Conditions

- The price quoted should be that applicable for the educational institutions.
- The items should have an onsite warranty for at least 3 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 **31.10.2019, 4.00 PM.**



S.S.H.
9/10/19

Dr. T.S. Swapna
Professor & Head

PROFESSOR AND HEAD
Department of Botany
University of Kerala, Kariavattom
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