

DEPARTMENT OF BIOCHEMISTRY
DST-FIST & UGC-SAP Sponsored Department
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 state Legislative assembly No. 3878-F1/72/Law dated 27th July 1974 of the government of Kerala)

(Re – accredited by NAAC with ‘A’ Grade)

Kariavattom

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01/03/2016

QUOTATION NOTICE

Competitive quotations are invited from various firms for the following laboratory equipments as per the specifications mentioned. The quotations in the sealed covers addressed to the Professor & Head, Department of Biochemistry, University of Kerala, Kariavattom, 695581 should reach the department on or before 14/03/2016, 4.30 P.M. The tender opening will be at 15/03/2016, 10.30 A.M. in the department. Bidders have to note the terms and conditions and should attach the relevant documents along with the quotation.

Previous quotation notice dtd 6.01.2016 and 11.01.2016 stands cancelled.

List of Equipments

1. Ice Flaking Machine

Should be able to produce ice flakes of 50Kg or above per day; ice shape – flake ice; stainless steel body; lowest possible power consumption; rated voltage 220V. Warranty min 3 years.

2. Electrophoresis unit with power pack

A. Horizontal electrophoresis system – Gel size 7x10cm with loading volume of 10 to 30; should include transparent gel tray; tape free gel casting module with casting gates; at least two combs (1.5 mm/10 or 15 wells); should work with pre-cast gels; should include all accessories.

B. Vertical electrophoresis system – Should be able to run 1-4 gels, should work with precast and handcast gels; Gel size (WxL) 8.5 x 7.5 cm approx.; 1mm thickness; two gel system; should include combs (5 nos); Glass plates 5 sets; casting stand; casting frame 2 nos, Electrode assembly; tank (1L maxm); Lid and power cables; should be a modular system.

C. Power supply – Programmable; output range 10-250V; Fully adjustable in one V steps; current 0.1 – 3 A adjustable in 1mA steps; upto 300W; output tray; constant current and voltage with automatic crossover; minimum four pairs of terminal; with

fully adjustable timer; LED display; Pause/Resume run functions; operating temperature 0-RT; should include fuse; short circuit detection; auto power up after power failure; no load detection. Warranty minimum 3 years.

3. Electricity Backup System

- a) Three Online UPSs of 5, 2 and 1 KVA, with battery backup for 1 hour.
- b) SMF batteries of either 26, 42 and 65AH as applicable. Quote for each type may be included.
- c) Servo controlled voltage stabilizers of 1, 2 and 3KVA.
- d) Warranty min 3 years for each quoted item.

Note: Please send separate quotations for each item

Terms and conditions

1. The Bidder should be a manufacturer or their dealer specifically authorized by the manufacturer to quote on their behalf for this tender. Certificate to this effect should also be included in the quotation.
2. The models quoted should be in successful operation for at least one year as on the date of Bid opening.
3. The tender submitted shall remain valid at least for 90 days from the date of opening the tender. Validity beyond three months from the date of opening of the tender shall be by mutual consent.
4. The supplier should be fully equipped to render us after sale service during warranty and thereafter.
5. Charges for annual maintenance contract after expiry of warranty period to be quoted separately.
6. The University of Kerala reserves the right to accept or reject any or all tenders without assigning any reason thereof. In case of any dispute the decision of the University Authority shall be final.
7. The price quoted should be inclusive of all taxes and for supply, installation, demonstration and testing at the University campus, Kariavattom.
8. All equipments must be covered by 3 years comprehensive warranty.
9. Users list of the specified model to be attached preferably from research centers within Kerala.
10. Performance Certificate from atleast 3 research centers in Kerala, preferably in Trivandrum shall be an added advantage.
11. Suppliers with service centers in South India, preferably in Kerala shall be an added advantage.

Sd/-

Professor and Head