INTER UNIVERSITY CENTRE FOR GENOMICS AND GENE TECHNOLOGY
DEPT. OF BIOTECHNOLOGY
UNIVERSITY OF KERALA

QUOTATION NOTICE

No. IU-CGGT-KSCSTE-YS1/74/2015 Date: 25/06/2015

Sealed quotations are invited for the following instruments for the purchase of following Instruments with the given specifications at the Inter University Centre for Genomics and Gene Technology, Dept. of Biotechnology, University of Kerala

1. Water Bath (Circulating)

Rotor dial with function keys for quick setting and Navigation, Cooling / heating range : ambient +5 to 100, Bath inner material stainless steel (SS 304) tank, Capacity: <6 Lts, Stability: + 0.05 ^{0}CPrecision digital temperature control, four digit digital display with microprocessor based PID controller, Calibration facility for optimum accuracy at the required operating temperature, Low liquid protection and high temperature cut out, visual alarm, timer function 1 to 9999 min. Fitted with circulator for uniformity of temperature inside the bath (+ 0.1 accuracy).

2. Water Bath (Refrigerated, circulating)

Double walled construction, Outer body made of MS- powder coated, Inner chamber made of stainless steel (304), PUF insulated. Capacity: <6 Lts, Inner chamber dimension: 13x15x15cm (W x D x H), Working Temperature range 0°C - 50°. C, Temperature Control PID, Temperature stability 0.01-0.03, Temperature Display LED, Resolution 0.1^{o}C Microprocessor based digital temperature controller cum indicator, Fitted with circulator for uniformity of temperature inside the bath (+ 0.1 accuracy).

3. UV Transilluminator

Wavelength: 312nm fixed / (dual intensity), No. of Tubes: 6-10 nos., Wattage: 8 watts, Detection limit: 0.1ngm.Of stained DNA. Filter Area: 20x20cms Filter: Quartz UV Filter Body: MS with powder coated, UV protection shield.

4. Orbital shaker (Low Temperature) incubator

Horizontal/ Vertical type, inside material SUS 304, Screen Touch Panel, Safety switch to stop shaking when opening the door. Transparent glass observation window, over heat and over low protector, built in circulating fan for temperature uniformity, Temperature range 0^{0}C to 70^{0}C. Accuracy +0.01, PID temperature control, LED digital display, shaking speed 30-250rpm, shaking stroke 50mm, illumination: fluorescent lamp (20w). Platform dimension 600 x 480mm. Chamber dimension 680x 560x 540mm.

Sealed quotations with the all details and specifications may be send to the Principal Investigator, KSCSTE Young Scientist Project, Inter University Centre for Genomics and Gene Technology, Dept. of Biotechnology, University of Kerala, Karyavattom Campus, Thiruvananthapuram -695 581 within 15 days from date of quotation notice.

Principal Investigator
KSCSTE Young Scientist Project on Black Pepper

Dr. A.JAYAKUMARAN
Hon. Director