

University Of Calicut  
(Purchase Division)

**QUOTATION NOTICE**

No. 13415/Purchase-ASST-B2/2013/Admn

Calicut University P.O.

Dated 09.01.2017

Sealed competitive quotations are invited for the purchase of **Constant Temperature Crystal Growth Water bath**(as per specification detailed below) to Department of Physics. The quotations should reach the Deputy Registrar (Purchase) on or before 28.01.2017 . The rate quoted should be inclusive of all charges including taxes, transportation and installation charges.



 Deputy Registrar(Purchase Division)  
For Registrar

To

The System Analyst(To publish the same in the University website)

Specification

Sl.No	Item	Qty	Specification
1	Constant Temperature Crystal Growth Water bath	2	Model : Table top type Capacity: 12 & 24 L Temperature range 5°C above ambient to 60°C / 100°C Temperature control : 0.1°C / 0.01°C Temperature Uniformity :Better than + 0.1°C Display Resolution & Control Sensitivity:0.1°C / 0.01°C Controller : Digital Microprocessor based PID Sensor : Pt 100 (RTD)- 3 wire Stirrer :To Maintain temperature uniformity High temperature cut off 2.0°C Automatic boost heater cut off 2.0°C Complete in all respect
2	Diode Laser Diffraction Experiment set up		1. Should be able to perform various diffraction experiments using diode laser and appropriate slits, gratings, mesh etc. 2. The kit should have all the necessary accessories for carrying out the experiment including i. Class II diode laser (red) ii. Silicon based pin-hole photodetector iii. Appropriate digital multimeter iv. Appropriate gratings, mesh, wire slide etc needed for experiment v. Optical bench of minimum 1 m length. vi. Appropriate saddles for laser, slit and detector. vii. detector saddle should have micrometer measurement.