



DEPARTMENT OF CHEMISTRY, UNIVERSITY OF KERALA
(Re – accredited by NAAC with ‘A’ Grade)

Kariavattom, Thiruvananthapuram – 695581, Phone: 0471 2308682
Email: chem12uniker@gmail.com

Reference Number: (Provided along with each instrument)

09/11/2016

QUOTATION NOTICE

Competitive quotations are invited from various firms for the following laboratory equipments as per the specifications mentioned, towards the purchase of equipments at department of chemistry, University of Kerala. The quotations in the sealed covers addressed to the Professor & Head, Department of Chemistry, University of Kerala, Kariavattom, 695581 should reach the department on or before 24.11.2016, at 11.00 hrs.

List of Equipments

Sl. No	Instrument	Reference No.	Specifications
1	Ultrasonic bath	DC/ST/Eq1/2016-2017	Capacity: 1.5 L (or more) water bath, Stainless steel body and tank, digital timer, Micro Controller based timer.
2	Laboratory hot air oven	DC/ST/Eq2/2016-2017	Capacity: 40 L or more. Double walled unit, Inner chamber and trays made of Stainless steel. Temp. range 50°C to 250°C and Accuracy: $\pm 1^\circ\text{C}$.
3	Ice Flaking Machine	DC/ST/Eq3/2016-2017	With free filtration kit and tank. Should be able to produce ice flakes of 30Kg or above per day; ice shape – flake ice; stainless steel body; Fully automatic micro processor control.
4	Analytical Balance	DC/ST/Eq4/2016-2017	With Uni-Bloc Technology, Capacity-200g, Minimum display- 0.1mg.
5	Magnetic stirrer with hot plate	DC/ST/Eq5/2016-2017	With digital speed indicator, capacity 2 L
6	Digital ultrasonic thickness gauge	DC/ST/Eq6/2016-2017	Measuring range from 0.1 μm to 100 mm
7	Oil bath with temperature control	DC/ST/Eq7/2016-2017	Capacity 1 L, with digital indicator
8	Oil high vacuum pump	DC/ST/Eq8/2016-2017	0.25 HP or higher, RPM: 1400 or better. With vacuum gauge.

9	Polarimeter	DC/ST/Eq9/2016-2017	Visual aim, manual measurement, measurement range: -108°C to +180°C, division value: 1°, reading: 0.05°, magnifying factor of the magnifying glass: 4 times or better.
10	Digital Conductivity meter	DC/ST/Eq10/2016-2017	Cond. Range : 20µ/cms, 200µ/cms, 2m/cms & 200m/cms, TDS Range :0 ppm – 20ppm, 200ppm, 2ppt & 200ppt, Resolution : 0.01, 0.1, 0.001, 0.1
11	Digital Multimeter	DC/ST/Eq11/2016-2017	3-1/2 Digits, LCD, AC Voltage, DC Voltage, AC Current, DC Current, Resistance, Diode, Transistor and Continuity Test. 500V DC/AC Protection in Resistance, Diode and Continuity Test Range
12	Refrigerator	DC/ST/Eq12/2016-2017	Capacity: 280 L.
13	Digital pH meter	DC/ST/Eq13/2016-2017	pH Range: 0.00 to 14.00pH, mV Range: 0 to 1999mV, Resolution: 0.01pH,
14	Laboratory centrifuge	DC/ST/Eq14/2016-2017	4 x 15 mL capacity, RPM = 2000 or better
15	Heating mantle	DC/ST/Eq15/2016-2017	2L with energy regulator 300W, 230V

Terms and conditions:

1. Please send separate quotations for each item with its specific reference number.
2. The price should be quoted in Indian Rupees which should be for supply, installation, demonstration and testing at the University campus, Kariavattom, Trivandrum.
3. The price should be inclusive of all taxes. It should also include all incidental expenses, if any, till complete satisfactory demonstration.
4. Two years comprehensive Warranty is required wherever applicable. The supplier should be fully equipped to render after sale service during warranty and thereafter.
5. Suppliers with service centers in South India, preferably in Kerala shall be an added advantage.
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.

Sd/-

The Associate Professor and Head