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

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Instrument</th>
<th>Reference No.</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Ultrasonic bath</td>
<td>DC/ST/Eq1/2016-2017</td>
<td>Capacity: 1.5 L (or more) water bath, Stainless steel body and tank, digital timer, Micro Controller based timer.</td>
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<tr>
<td>2</td>
<td>Laboratory hot air oven</td>
<td>DC/ST/Eq2/2016-2017</td>
<td>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: ±1°C.</td>
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<tr>
<td>3</td>
<td>Ice Flaking Machine</td>
<td>DC/ST/Eq3/2016-2017</td>
<td>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.</td>
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<tr>
<td>4</td>
<td>Analytical Balance</td>
<td>DC/ST/Eq4/2016-2017</td>
<td>With Uni-Bloc Technology, Capacity-200g, Minimum display- 0.1mg.</td>
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<tr>
<td>5</td>
<td>Magnetic stirrer with hot plate</td>
<td>DC/ST/Eq5/2016-2017</td>
<td>With digital speed indicator, capacity 2 L</td>
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<tr>
<td>6</td>
<td>Digital ultrasonic thickness gauge</td>
<td>DC/ST/Eq6/2016-2017</td>
<td>Measuring range from 0.1 µm to 100 mm</td>
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<tr>
<td>7</td>
<td>Oil bath with temperature control</td>
<td>DC/ST/Eq7/2016-2017</td>
<td>Capacity 1 L, with digital indicator</td>
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<tr>
<td>8</td>
<td>Oil high vacuum pump</td>
<td>DC/ST/Eq8/2016-2017</td>
<td>0.25 HP or higher, RPM: 1400 or better. With vacuum gauge.</td>
</tr>
</tbody>
</table>
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 – 20 ppm, 200 ppm, 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. 500 V 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 1999 mV, Resolution: 0.01 pH

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