

**Department of Physics**  
**University of Kerala, Kariavattom Campus, Thiruvananthapuram-695581**

EMI/01/2022

15-11-2022

**Quotation Notice**

**Department of Physics, University of Kerala** invites quotations for the purchase of a hot-plate with magnetic stirrer in **two bid mode**. The specifications required are given below.

**Required specifications for the item**

**1. Hot-plate with magnetic stirrer ( 2 Nos)**

- Number of stirring/heating position: 1
- Powerful motor for stirring quantities of up to 10 L (H<sub>2</sub>O) or more
- Speed range of 100-1500 rpm or better
- Heating temperature range: 50-500 °C or higher
- Temperature resolution should be 5 °C or minimum
- Heating rate should be  $\leq 5^{\circ}\text{C}/\text{min}$ .
- Digital display (LED) to show the set temperature and exact temperature.
- Should have a Hot Top indicator for hot surface warning to prevent burns
- Fixed safety circuit of 550 °C
- Elevated control panel for protection against leaking liquids
- Setup plate material must be ceramic
- Setup plate dimension not less than 180 x 180 mm
- Self -heating of the set-up plate by maximum stirring at room temperature for 1h  $\leq 1^{\circ}\text{C}$

**Terms and Conditions**

1. Quotes should be inclusive of the cost, freight, taxes, etc.
2. The terms and conditions of the warranty should be clearly mentioned.
3. The items should be delivered to the Department of the Physics University of Kerala.

The quotations should reach **"Dr. Subodh G, Department of Physics, University of Kerala, Kariavattom, Thiruvananthapuram, Pin- 695 581, Kerala"** on or before **23/11/2022 3.00 PM.**



Handwritten signature of Dr. Subodh G. Below the signature is a blue stamp of Dr. Subodh G., Assistant Professor, Department of Physics, University of Kerala, Thiruvananthapuram - 695 581.