

Department of Physics
University of Kerala, Kariavattom Campus, Thiruvananthapuram – 695581
KERALA

No. SERB/PUR/001/2016-17

10-08-2016

Quotation Notice

Quotations are invited for purchasing a programmable high temperature furnace in the Department of Physics, University of Kerala.

No	Item	Description/Remark
1	Programmable high temperature furnace with spare heating elements and thermocouple.	Programmable furnace with maximum continuous operating temperature of 1350 °C. 1. Chamber size: approximately 15cm WX 15 cm H X 30 cm L. 2. Rate of heating: 0.5 to 10 °C per minute using a Eurotherm controller capable of storing programs each having at least 12 segments. The temperature controller should have the accuracy of ± 1 °C. 3. Heating elements: Silicon Carbide rods which can with stand temperature of 1450 °C or higher. 4. Insulation: High quality ceramic fiber blankets. 5. The furnace should have thyristor power controller (3 phase) with digital voltage/current indicators. 6. Power rating: Less than 5 kW. 7. Additional heating elements: 4 nos. 8. Additional thermo couple (R- type): 1 nos. 9 Warranty: not less than two years The furnace should be delivered and installed at the Department of Physics of University of Kerala

Quotes should be inclusive of the cost, freight, taxes, etc. Terms and conditions of warranty should be clearly mentioned. The equipment should be installed in the Department of Physics University of Kerala.

Please quote the lowest price for the above item.

The quotations should reach **“The Principal Investigator, SERB Project, Department of Physics, University of Kerala, Kariavattom, Thiruvananthapuram, Pin- 695 581, Kerala’ on or before 25-08-2016, 3.00 PM.,**

Sd/-

Dr. Subodh G.

Principal Investigator SERB Project

Department of Physics

University of Kerala

Kariavattom, Thiruvananthapuram.