

Department of Physics

University of Kerala, Kariavattom Campus, Thiruvananthapuram-695581

Quotation Notice

Phy/ 338/2019

07/03/2019

Quotations are invited for purchasing a heating unit for hydrothermal system from Department of Physics, University of Kerala

Details of Heating unit for Hydrothermal system

Type: Vertical, externally rectangular in shape, with cylindrical inner chamber, low thermal mass model, electrically operated.

Outer Chamber: Should be fabricated from mild steel sheet section, with necessary reinforcement for mechanical rigidity. The structural work should be finished with heat resistant paint.

Inner Chamber: Should contain combination of high temperature resistant ceramic fibre board and blanket.

Heating Elements: Using spirally wound A1 grade Kanthal heating coils held in position by suitable refractory supports. Also contain proper temperature sensor.

Temperature Control: Thyristor power control unit coupled with a digital indicating P.I.D temperature controller.

A compact control cubicles should provide housing for P.I.D. temperature controller. Switches and indicators, safety fuse, connecting leads etc.

Working chamber area approximately 200 mm × 200 mm × 200 mm, maximum temperature 800°C or higher, Voltage 230 V, single phase, A.C. power rating approximately 2.5 kW

Quotes should be inclusive of the cost, freight, taxes, etc. Terms and conditions of warranty should be clearly mentioned. The heating unit for hydrothermal system should be delivered and installed at the Department of Physics, University of Kerala. Please quote lowest price for above item.

The quotation should reach "**Professor and Head, Department of Physics, University of Kerala, Kariavattom, Thiruvananthapuram, Pin - 695 581, Kerala**" on or before 14/03/2019 3 PM.

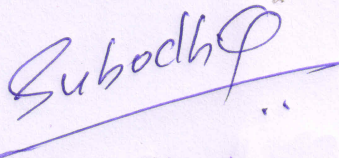
Sd/-

Dr. Subodh G

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