

QUOTATION NOTICE

Sealed quotations are invited from the eligible firms for the supply and installation of PCR Thermal Cycler on **Buy Back scheme** in the Dept. of Environmental Sciences, University of Kerala, Kariavattom Campus

Technical specifications for PCR Thermal Cycler

- The system should have gradient capability
- Heating Mode: Peltier Heating.
- Peltier based Block for 96 x 0.2ml / 0.1ml PCR tubes, strip / 96 well plate along with Heated lid
- Temperature control range –Minimum 0 °C to Maximum 100°C
- Temperature accuracy better than or equal to 0.3 degree Cel.
- The ramp rate should be more than 3 degree Cel/sec.
- Sample ramp rate should be more than 2.5 degree Cel/sec
- The system should be capable of setting a differential temperature of minimum 5 degree between blocks.
- Touch screen and LED Display
- Scalability: capability to interlink up to 11 PCR systems via single Ethernet hub
- The system should need 2-3 individual heating blocks.
- Security: The system should have the ability to store methods on a memory stick
- Should need remote location access (cloud) via internet.
- The System needs provision for USB, Ethernet and PC.
- Internal memory needed. Minimum 1000 protocols, can be extended using USB
- The machine should be duly certified / authorized for PCR process
- Two years warranty
- UPS backup for 1 hr
- Should supply with suitable UPS

Item for buy back : PCR (Ependorf Master cycler personal)

Conditions

1. The rate quoted should be inclusive of Tax, transportation charges and any other charges.

Note: The University Issue Essentiality Certificate, so tax should be quoted Accordingly.

2. Complaints with the items supplied should be rectified /replaced to the satisfaction of the University by the suppliers at their own cost.
3. Payment will be made only after the supply of the items at our own site.
4. The undersigned reserves the right to reject /accept any quotation without assigning any reason.
5. The equipment should be installed in the Department of Environmental Sciences, University of Kerala.

The sealed quotations should reach **'The Professor and Head, Department of Environmental Sciences, University of Kerala, Kariavattom Campus P.O. Thiruvananthapuram-695 581, Kerala** on or before **31/01/2019** at **3.00 p.m.**

Sd/-
Head of the Department
Department of Environmental Sciences