

## **Call for quotation.**

Sealed quotations are invited for a the following equipment, with the specifications given, in the Department of Biotechnology, University of Kerala, Kariavattom, Thiruvananthapuram **within 15 days of this notification.**

### **Ultra-Low Temperature Freezer (-86 °C)**

With following specifications and accessories for Laboratory use.

- **Capacity: 400 -500 L- Vertical Model**
- **Temperature range: -86 °C to -90 °C with 1 °C increments**
- **Microprocessor control of temperature and alarms with nonvolatile memory**
- **Reduced power consumption and noise level**
- **Cooling with cascade compressor cooling unit**
- **Thermal insulation using vacuum insulation panels and PUR foam for superior performance**
- **CFC-free safety refrigerants**
- **password protection to prevents unauthorized users from changing the temperatures**
- **Exterior - 18 gauge steel , 1.2 mm thick with powder coated paint to resist scratch and rust**
- **polished interior with 304 SS for easy cleaning and to eliminates potential for oxidation**
- **Door hinged right or left**
- **RFID controlled Access**
- **Data Logger USB**
- **Water cooling**
- **Electromechanical door latch**
- **Five compartment with four adjustable height . corrosion resistant stainless steel shelves**
- **Inner door fitted with low temperature safe silicone seal to prevent temperature loss when opening the outer door**
- **4 compartment doors made of ABS plastic**

- **Inner chamber made of stainless steel**
- **Battery-backed alarm system**
- **Zero-voltage alarm contact**
- **Elapsed time indicator**
- **Should be supplied with on line UPS of appropriate capacity to ensure constant voltage power supply.**
- **Three year warranty**

Please send the quotations to the

**Head, Department of Biotechnology  
University of Kerala,  
Karivattom, Thiruvananthapuram.**