

QUOTATION NOTICE

Sealed quotations are invited from the eligible firms for the supply and installation of **Gel Documentation System** in the Dept. of Environmental Sciences, University of Kerala, Kariavattom Campus.

Technical Specifications for Gel Documentation System

- The system should have Small footprint to conserve benchtop space.
- It should allow the use of safe blue-light transillumination without the risks of UV light transillumination.
- The Camera Hood should have Minimum 1.3Mp or Better, 16-bit, CMOS, sensor chip coupled to a specially designed lens and mounted above an interchangeable filter tray
- Dynamic range should have 56.77 DB
- Exposure time 0.01 milliseconds to 10 second
- Provision for Sensors to permit illumination only when the Imager Camera Hood is properly positioned over the light base unit.
- It should be Compatible with a wide range of fluorescent and visible dyes (e.g. Qdot®, SYBR Safe®, ethidium bromide).
- Compatible with different gel formats including precastgels and pour-it-yourself gels (agarose, or poly acrylamide).
- It should perform Real-time sample imaging allowing detailed sample viewing.
- It should eliminate the need for film or processing chemicals.
- Electrical Requirements: 100–240 V, 50/60Hz, 0.6A
- Temperature: Ambient ± 5 to 40° C
- Viewing surface dimensions should be : 42 mm × 83 mm
- It should do direct camera to PC image transfer.
- Vendor should be provided OEM authorization certificate.
- Gel capture and data analysis software should be provided.
- **Warranty: 1 year**

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 **06/11/2020** at **3.00 p.m.**

Sd/-
Head of the Department
Department of Environmental Sciences