

# INTERDISCIPLINARY BRAIN RESEARCH CENTRE

## FACULTY OF MEDICINE

ALIGARH MUSLIM UNIVERSITY, ALIGARH

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D. No.5482 /IBRC

Dated: 27 -01-2020

### Enquiry/Quotation call Gel Documentation System

Please quote your lowest rates of the following item with terms and conditions. Interested firms(s) submit their Enquiry/Quotation in the sealed envelope to the undersigned till 07-02-2020 full specification should mentioned in the Quotation.

### Description

#### Specification for Gel Documentation System

CCD Camera: 16-bit, 5.4 Megapixel with Motorized Optics and fully Automatic Image Focusing

- Light tight Darkroom with 7-position Motorized Filter Wheel and auto UV safety switch
- Dual Wavelength UV Transilluminator: 302 nm & 365 nm (switch wavelengths without changing tubes)
- Auto switch off for UV lights to preserve life of UV tubes
- Epi Blue Lights for SYBR Safe dyes that are environment friendly
- Epi White Lights
- Transilluminated White Light Imaging
- Auto detection of sample shelf, for automatic focus adjustment
- Band excision mode to excise bands from Gels
- Safety switch to prevent accidental exposure to UV light
- Automatic Imaging: Just choose application and system should do the acquisition on its own with facility for manual over-ride
- Acquisition and analysis software including Auto Lane and Band detection, annotation, multiplex analysis, Molecular Weight, Quantitation, Auto Background Subtraction, 2D Densitometry
- Should directly output raw images as TIFF and not as proprietary format
- Control system through on-board tablet/computer (Bluetooth and wireless compatible) Without requiring separate PC.
- Comprehensive Warranty for 5 years
- 2KVA online UPS (Microtech)
- Supplies all required accessories with the system

*H. Shahi*  
27/01/2020  
**Dr. Mehdi Hayat Shahi**  
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27/1/2020