

Indian Institute of Technology-Kanpur
Department of Biological Sciences & Bioengineering

Enquiry No.:IITK/BSBE/JGR- 5620/2015-16/03

Enquiry date: 10-06-15

Last Date:26-06-15

Enquiry for Chemidoc System

We would like to purchase a Chemidoc System for our laboratory. Offered product should take into account specifications given below.

Equipment: Chemidoc System

SPECIFICATION

- > System with true CCD camera.
- > Pixel size should be at least 6.45 x 6.45 μm or bigger.
- > Image resolution > 4 megapixel.
- > Dynamic range should be at least 4 orders of magnitude.
- > The camera should have peltier based cooling of -30°C controlled
- > Motorized zoom lens
- > Light sources should include – Trans-UV, trans-white, epi-white and should have option for trans blue (for SYBR safe DNA application).
- > Should have preparative UV mode for DNA band excision.
- > Minimum sample size accommodated should be 28x36 cm
- > Should have Autofocus feature with precalibrated focus for any zoom level
- > System should have 100% automatic Iris adjustment for all compatible applications.
- > The system should have Dynamic image flat fielding which is precalibrated
- > System should be supplied with gel alignment templates
- > Capability of stain free gel imaging.

System Software-

- > Software should have highest level of automation in hardware calibration, image optimization, capture, and analysis.
- > Should generate the publication ready images (dpi, dimension and format) with one click export option.
- > Should generate customizable reports.
- > Signal Accumulation Mode (SAM) for easy optimization of exposure time for chemiluminescent detection.

Terms and Conditions:

- Cost of the items including relevant accessories with technical specification should be mentioned in detail.
- Prices should include delivery up to IIT Kanpur.
- Warranty should at least be for three year after installation.
- Validity of quotation should be at least for 90 days.
- Delivery period: within 30days from the date of purchase order kindly send your best offer (Technical offer separately) and the quotation along with your authorized dealer certificate to address given below.

Dr.Jayandharan G.Rao

Dr. Jayandharan G. Rao, Ph.D.
Associate Professor
Department of Biological
Sciences and Bioengineering
भारतीय प्रौद्योगिकी संस्थान, कानपुर
Indian Institute of Technology, Kanpur
Kanpur-208016, U.P. (INDIA)