

January 20, 2012

**NIO for one Gel Documentation Unit**

Sealed quotations are invited for the supply of Gel Documentation Unit in the Department of Biochemical Engineering and Biotechnology. The technical specifications for the Gel Documentation Unit are given below.

Specifications:-

**It should have:**

**Camera:** 16-bit digitized, monochrome CCD (A/D), 2 Mega Pixel, Scientific grade.

**Motorized Zoom lens:** C-Mount, f/ 1.2, 12.5 – 75 mm, closeup diopter.

Dynamic range: 4 order of magnitude.

Resolution 1600 x 1200 pixel array.

Grayscale Range: 65,536

Pixel size: 6.75 $\mu$ m x 6.75 $\mu$ m.

Captured image size (TIF): 3.7Mb @ 16-bit.

50 x 50mm Ethidium Bromide filter.

PC Interface Connection: USB 2.0.

**Darkroom:** Compaq metallic Darkroom with 4 position filter wheel.

Roll-out tray for easy access to place, view and work with your samples.

With wide access door which can be mounted on different types of transilluminator.

Uniform overhead white light, Epi UV light and fluorescent viewer.

Transilluminator safety shutdown (Auto UV cut off on door opening).

Have unique UV protective gel viewing window on darkroom which blocks UV light while visualizing the samples without opening of darkroom door. Epi white light.

Transilluminator should have wavelength 302nm, 365 and 254 nm. Filter size 20 x 20 cm Filter.

LED White plate which emits uniform white light with <5% coefficient of variance for viewing Coomassie blue and Silver stains.

Acquisition and Analysis Software.

UPS with a minimum 30 minutes backup should be quoted.

**Optional accessories:** Suitable Computer: Core 2 Duo processor, 2GB RAM, 160 GB HDD, DVD Writer, 19" TFT, Keyboard, Mouse, serial / parallel / USB ports with Windows / XP pro should be quoted.

**Terms and conditions:**

1. A minimum of 2 years warranty and one year free AMC.

**General instructions:**

1. Letter from the manufacturer specifically to quote for this tender is to be attached for authenticity of dealership/ agency and the dealer should be authorized service provider.
2. Vendor should get a fresh certificate directly from their product principal's clearly mentioning about warranty for one year of the systems to be delivered. The lowest quotation however, does not depend upon the warranty period.
3. Special discount/ rebate wherever admissible keeping in view that the supplies made for educational purposes in respect of the public institution of national importance may please be indicated.
4. Vendors should attach the relevant product brochures for the model quoted.
5. Validity of the quotation should be at least three months.
6. Vendors will do the installation and demonstration of the equipment at IIT Delhi premises without additional charges.
7. Taxes, terms and conditions should be clearly mentioned.
8. In the case the items are proprietary products of the company, a proprietary item certificate stating the same may be provided.
9. Specifications form should be similar to the given specifications sheet.
10. A compliance statement for required specifications should be attached.
11. Payment terms and conditions should be clearly mentioned. No advance payment is encouraged by IIT Delhi.
12. Firm MUST provide a compliance statement vis-à-vis specifications in a "tabular form" clearly stating the compliance and giving justification, if any supported by technical literature with clear reference of page number, paragraph or lines. This statement must be signed by the tendered for its authenticity and acceptance that any incorrect or ambiguous information found submitted will result in disqualification of the tender. The quotation should be complete in all respects  
(as per IIT-Delhi rules).

**The Institute/ purchase committee has the right to accept or reject any bid or all quotations without assigning any reason whatsoever.**

Sealed quotations in separate envelopes of Technical and Commercial bids kept in one sealed outer envelope (super-scribed "**Quotation for Gel Documentation Unit**") should be addressed to **Dr. Preeti Srivastava, Department of Biochemical Engineering and Biotechnology, IIT-Delhi, Hauz**

**Khas, New Delhi 110016 and should reach the Department of Biochemical Engineering and Biotechnology, IIT-Delhi by 1200 hrs by February 10th, 2012.**