

Department of Textile Technology

Indian Institute of Technology Delhi, Hauz Khas, New Delhi-110 016

Notice Inviting Quotations (NIQ) for the Purchase of Imaging system and Vertical Electrophoresis system

Quotations (separate sealed envelopes of technical and commercial bids kept together in a single sealed outer envelope) are invited for the purchase of *the “Imaging system and Vertical Electrophoresis system”* as per the specifications given below.

Technical Specifications for the Imaging system and Vertical Electrophoresis system:

System Hardware specifications:

Vertical electrophoresis system	Compatible with Imaging system and capable of running two gels simultaneously and upgradable to a 4-Gel system
Image resolution	More than 4 mega pixels for resolving closely spaced bands on a gel or blot.
Pixel size	Not less than 4.0 X 4.0 μm
Linear dynamic range	More than 3.0 orders
Aperture and light settings	Automatic, without the need for user based adjustment to zoom, focus, adjust aperture or select light source.
Trays	UV and White Light
Emission filter	System should require only one emission filter to accommodate a large portfolio of detection methods: ethidium bromide, SYBR® Green, SYBR® Safe, SYBR® Gold, GelGreen, GelRed, Fast Blast™, SYPRO Ruby, Flamingo™, Oriole™, CY3, rhodamine, green fluorescent protein, Hoechst, Krypton, silver stain, copper stain, zinc stain, Coomassie Brilliant Blue, Coomassie Fluor Orange, and other spectrally similar stains, labels, and dyes
Calibration parameters	Should have lens flat-fielding calibration for each sample tray to delivers image data that are always optimized and reproducible without imaging artifacts, providing superior image uniformity and quantitation
Power Pack	300 V power pack with 4 pair recessed banana jacks in parallel compatible with vertical electrophoresis system
	Compatible desktop (preferably 17 inches monitor) and UPS should be provided along with the system.

Additional requirement:

1. System should preferably come with stain free technology

System software requirements:

1. Easy acquisition and export option.
2. Automated hardware calibration, image optimization, capture, and analysis

All the other necessary items and accessories for making the unit complete and functional should be of supplied and should be mentioned in detail in the technical bid.

Terms and Conditions:

1. Please submit the TECHNICAL and FINANCIAL bids in separate sealed envelopes. Mark the two envelopes clearly as “Technical Bid” and “Financial Bid”. Both the sealed envelopes should be sent in a single sealed envelope, with the marking “**Quotations for *Imaging system and Vertical Electrophoresis system*** due on 31/10/2013” on the top. The quote should reach the following address on or before 31/10/2013 (up to 5.00 PM).

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2. Please quote both FOB and CIF (New Delhi) prices. Installation and training should be free of cost.
3. Quote should be valid for at least three months.
4. Attach all the relevant technical literature and a list of similar installations done in India.
5. Please mention clearly in the technical bid regarding the warranty.
6. If the quote is being submitted by the representative of the Principals/manufactures themselves, a valid Agency ship/Dealership Certificate authorizing the agent to quote to IIT Delhi on behalf of the Principals should be enclosed.
7. The Institute reserves the right to accept/reject any/all quotations without assigning any reasons thereof

given during the delivery. All circuit diagrams, other mechanical, and electrical schematics must be provided to main unit, sub systems, and accessories, also during the delivery.

9. Delivery period: Within 2 months from the receipt of PO.
10. Clearly specify the installation requirements – such as space, power, frequency, environment (temperature and humidity) etc. in your technical bid.
11. If the items quoted are proprietary in nature, please enclose proprietary certificate from the principals stating “certified that ----- is a proprietary item of M/s. ----- and no other manufacturer make these items”.
12. If the bidder is Indian agent, the agency certificate should be enclosed.
13. Please produce compliance certificate for the aforementioned technical specifications with suitable details. Just mentioning “Yes” for all without adequate literature may lead to the rejection.
14. Payment terms and conditions should be mentioned clearly in the financial bid. Further, bank account details should also be provided.