

Department of Biochemistry  
University of Delhi South Campus  
Benito Juarez Road, New Delhi 110021

**Quotation Invitation Letter**

**Date: 01-09-2017**

Ref. No. – UDSC/BIOCHEMISTRY/SK/789

**PURCHASE OF FAST PROTEIN LIQUID CHROMATOGRAPHY SYSTEM**

Sealed quotations are invited for the following equipment so as to reach the undersigned latest by **25<sup>th</sup> September, 2017**

**Name of the equipment : FAST PROTEIN LIQUID CHROMATOGRAPHY SYSTEM**

**Quantity : One Set**

**Specifications and Technical Details:**

1. Automated Stand-alone system for Protein purification work.
2. System should be suitable for affinity, ion exchange and Gel filtration chromatography column.
3. Flow rate: 0.5 to 5ml/min (purification stage) or wider range.
4. Automatic gradient formation (5 to 95% of buffer B)
5. System should have a pressure sensor.
6. Pressure range should be 0 to 0.5 MPa or wider.
7. The system should have sample injection valve.
8. The system should have continuous UV monitoring at 280nm
9. Conductivity monitoring range: 1 to 300 mS/cm or wider with temperature monitor range +4 to 32°C or wider.
10. System should have fraction collector with capacity to collect at least 25 fractions in single run.
11. Fraction collector should support: 1.5ml micro centrifuge tubes and 10 or 15ml tubes
12. Fraction collector volume: 0.5 to 10ml.
13. Outlet mechanism to direct the flow to fraction collector or to waste.
14. System should have option for real-time process monitoring and control through touch screen display.
15. The system should allow transfer of result for detailed analysis on software on PC.
16. 5 columns of 5ml each of a strong anion exchanger and his tag affinity resin should be provided with system.
17. Suitable compatible sample loops must be provided .
18. It is desirable to quote PC as well for use with the equipment.
19. The accessories should have CSA, UL, ISO, CE or other standard international certifications.
20. Warranty must be applicable for 12 months from the date of installation with facile after sales service.

### Instructions to Suppliers:

Two types of quotations are to be submitted : **Technical** and **Financial**.

**Technical Quotations** should contain all details of technical specifications of the equipment including manufacture and model details along with commercial terms and conditions, warranty and delivery schedule. The quote should be valid for a minimum of 120 days from the due date. Pictures of the equipment must be attached with similar specifications as above with logo or name of the company on them. Authorization certificates from the Principal manufacturer, if any, must be provided. Proprietary certificate for any proprietary or patented item must be provided. Unique features maybe highlighted along with their applications and advantages over other available accessories.

A user list of atleast 20 users of the equipment quoted (who have installed and used them successfully for years) with complete addresses / e-mail IDs / phone nos should also be appended.

**Financial Quotations** should contain price of the accessories, discount if any, packaging and forwarding charges, Air Freight and insurance charges. The price quoted should be F.O.R. destination.

The supplier should seal both the quotations in separate covers. Both these sealed covers are to be put in a separate bigger envelope, which also should be sealed and superscripted.

Institute reserves the right to order equipment/accessories with better quality and suitability over lower price and to accept or reject any or all quotations without assigning reasons thereof.

*Suman Kundu*

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