

Indian Institute of Technology Kanpur

Department of Chemistry



Enquiry No.: CHM/AS/006

Enquiry Date: 20/10/2015

Closing Date: 30/10/2015

Quotations are invited for "HPLC System" (1 Nos.)

Technical Specifications for HPLC

General Specifications:

1. Pump = Quaternary pump with 200ul/min to 10ml/min flow rate and a back pressure of 400 bar or higher at 5ml/min flow, inbuilt degassing unit and connecting capillaries. The RSD of pump should be 0.07% RSD or better. The system should handle the solution of pH range 1 to 12. (1nos)
2. Autosampler = The autosampler with 600 Bar pressure should offer injection range of 0.1ul to 100ul with 0.05% carryover as measured for Caffeine calibrant. Should offer vial capacity of 100 vials of 2ml or 15 vials of 6ml capacity. (1 nos)
4. HPLC detector = The DAD/PDA should have wavelength of 190 to 950nm with accuracy of ± 1 nm and for better sensitivity the no of diodes should be >1000 elements. The light source should include Deuterium as well as Tungsten lamps providing sampling rate of 20 Hz. The drift should be within 0.9 mAU at 254nm.
5. C-18 column, 25 cm, 4.6mm ID, 5 μ particle size. (1 nos)
6. The tool kit, starter kits should be quoted for routine running and maintenance of HPLC system.

Terms and Conditions:

1. All technical details of the equipment should be sent separately (without any financial information) in an envelope marked technical information. At the top of the envelope with technical specifications mention the advertised tender number. The tender documents should comprise a separate technical bid consisting of all technical details, specifications, necessary literature from the manufacturer along with commercial terms and conditions. Quotations which simply claim that they meet technical specification without providing literature from manufacturer may be disqualified.
2. Financial Quotation containing price for the items mentioned should be sealed separately. Prices should not be mentioned in the technical bid, if done will lead to cancellation of the bid.
3. The supplier shall bear all costs associated with the preparation and submission of its quotation including manuals, literatures etc.
4. The quotation should quote the product specification in the same order and sequence as the tender document.
5. The firm may also quote for optional accessories which will extend the capability of the equipment.
6. Quotations should have a minimum validity of 90 days from the date of opening.
7. Delivery period shall be 16 weeks from the receipt of purchase order.
8. The name of manufacturer and country of manufacture should be clearly stated. In the absence of these particulars the quotation is liable to be rejected.

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9. The quotation should contain Authorization Letter from the manufacturer and specification sheet for the product.
 10. Warranty:
 - a. It should cover warranty for 1 year from installation date.
 - b. Provide contact details for complaints, else quoted may be rejected.
 11. You may quote for more than one model.
 12. Payment Terms and Conditions:
 - a. All prices are FOR IIT Kanpur.
 - b. 90% against shipment and 10% balance after successful installation and initial testing. In case of foreign currency, payment shall be through LC.
 - c. Maximum educational discount if any shall be offered.
 - d. Prices should include installation cost.
 13. Quotation should include all appropriate certifications like agency certificate, proprietary certification, if applicable.
 14. Quotation should include details of equipment model specified in quotation installed in India during last three years in both academic institutions and industry separately.
 15. The rate offered should be:
 - a. Free delivery to IIT Kanpur, or
 - b. Ex-godown in case of firms situated outside Kanpur, or
 - c. CIF, New Delhi or
 - d. If items are imported then firms should quote the price on F.O.B. basis for pick up by our worldwide transport provider.
 16. Institute is exempted for payment of excise duty under notification No. 10/97 and partially @ 5.15% Custom Duty. Exemption certificate under notification 51/96 and road permit will be provided if applicable.
 17. Prices should be quoted in Indian rupees and as much as possible. You may also quote in US Dollars or any other foreign currency. The price quoted needs to be Ex-works only and the payment shall be made through L.C. in favor of Principal.
 18. In case of firms situated outside India, the agency commission, if any, payable to the Indian agent shall be indicated.
 19. The right to reject all or any of the quotations and to split up the requirements or relax any or all of the above conditions without assigning any reason is reserved.
 20. The quotations should be addressed to the undersigned and must reach before 30/10/2015.

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