



JAMIA HAMDARD

(Deemed to be University)

(REACCREDITED BY NAAC IN GRADE 'A')

HAMDARD NAGAR, NEW DELHI-110062

Phone: 91-011-26059688 (12 Lines): Telefax: 26059663 Ext.-5326

Website: www.jamiahamdard.edu

REQUEST FOR QUOTATION

(JH/PS/Quot-520/Aug-2018)

TERMS & CONDITIONS

Sealed quotations are invited from reputed manufacturers/authorized distributors/resellers for **Supply of Semi-prep HPLC System, Department of Pharmacognosy and Phytochemistry, School of Pharmaceutical Education and Research, Jamia Hamdard** as per the specifications are given in **Annexure-A** and the detailed terms & conditions are given as under:

Terms and Conditions:-

1. Quotations may be submitted latest by **22th October 2018 upto 3.00 p.m.** in an envelope superscribing "**Quotation for Semi-prep HPLC System, Department of Pharmacognosy and Phytochemistry, School of Pharmaceutical Education and Research**" and addressed to: **Registrar, Jamia Hamdard (University), Hamdard Nagar, New Delhi-110062 and dropped in the tender/quotation box available in the Purchase Section.**
2. **Quotations will be opened on 22th October 2018 at 3:30 p.m.**
3. Prices should be quoted inclusive of all taxes except Custom/Excise Duty and on FOR Jamia Hamdard basis. Jamia Hamdard will provide Custom/Excise Exemption Certificate.
4. Prices can be quoted either in foreign currency or in Indian Rupees.
5. Jamia Hamdard will deduct an amount of 0.25% from all the bills for "*Jamia Hamdard Relief and Welfare Fund*".
6. The specifications given above should be strictly followed.
7. The Technical Compliance Statement should be enclosed along with quotation, otherwise quotation can be rejected.
8. Letter of Authorization from the company as Authorized Service Provider or Authorized Reseller should be attached.
9. **Delivery Period: Within 2-3 weeks.**
10. **Payment: 100% on delivery and successful satisfactory installation of equipment.**
11. **Warranty: Three years comprehensive onsite warranty from the date of Installation.**
12. **Earnest money Deposit (EMD) = 2.5% of the quoted price should be enclosed with Quotations in form of DD/ Pay order in favour of Registrar, Jamia Hamdard.**
13. The Vendors whose near relatives/blood relations are employed at Jamia Hamdard need not apply, and the same will not be considered.
14. The Institute does not bind itself to accept the lowest quotation and reserves the right for accepting any quotation or to reject any or all quotations and also to reduce or enhance the quantity and period of order according to departmental requirement without assigning any reason.
15. The decision of the University will be final in case of any dispute arising in implementation of the terms of the contract.
16. TAN/PAN and GST No. should be attached with the quotation documents.

17. The manufacturer/supplier should submit the list of Universities/Govt. organizations/Institutions to whom supplies were made earlier.
18. Correction in the Quotations if any should be initialed otherwise the Quotations will be rejected at the time of the opening; the rates should be quoted in figures and in words as well.
19. No extra payment like carriage freight, loading and unloading, storekeeping, packing, forwarding etc. will be paid.
20. Income tax at source will be deducted from the running bill of supplier from the passed amount as per instruction of Income Tax Department.
21. The Institute takes no responsibility for delay or non receipt of quotation documents sent by post either way and also reserves the right to accept or reject any or all the quotations in part or full without assigning any reason thereof.
22. In case the date of opening of quotation is declared as Public Holiday, the quotation shall be opened on the next working day at the same time.
23. Late and delayed quotations shall not be considered and may be returned unopened to the bidder.
24. Quotations not in proper sealed cover or received telegraphically or by fax will not be entertained.
25. Conditional quotations will be rejected without assigning any reason.
26. The price to be given in the quotation are fixed prices, irrespective of rise in materials prices and increase in taxes etc., till the delivery of the overall consignment. No request in regard to increase in the price will be entertained after the submission of the quotation.
27. The vendor has to certify that these terms and conditions are acceptable to him.
28. All legal disputes, arising if any, would be settled under jurisdiction of Delhi court.

Registrar

The above terms & conditions are accepted.

Signature

Name

Designation.....

Company Seal

Technical specifications for Semi-prep HPLC System

Semi-prep HPLC System	
<p>A versatile, robust and reliable purification system to isolate and purify milligram to mutigram quantities of natural compounds of interest with ease and flexibility of scale up from analytical to preparatory chromatographic operations</p> <p>A semi-prep HPLC system with PDA detector along with all the required accessories, softwares, kits and parts for its complete functioning must be quoted as per following specifications:</p>	
Specifications	
Pump system	<p>High Pressure binary Semi-preparative Pump – 2 nos</p> <ul style="list-style-type: none"> • Flow rate range- 0.01 to 10 ml/min for analytical and 20ml/min or above for preparative operations • Flow rate accuracy: $\leq \pm 1\%$ • Flow rate precision: $\leq 0.1\%$ RSD • Discharge pressure: 6000 psi and above • Two physically separated pumps should be quoted • Mixer for proper mixing of two mobile Phase • Working pH range: 1-10
Auto-sampler with cooler	<ul style="list-style-type: none"> • Injection volume range: up to 100 ul • Auto sampler carryover: < 0.05 % RSD or better • Injection Accuracy: 1 % • Sample delivery precision: 0.3% RSD or better • Sample cooler temp- 4 to 40° C • Sample vials (100 pcs) • Racks for sample vials and reagent bottles (atleast 100 samples to be accommodated) • Loop for large volume injection
Fraction Collector	<ul style="list-style-type: none"> • Drive system : Arm movement (X-Y) system • Maximum no. of fractions: 100 or more • It should be flexibly applied for various fractionation both manual and continuous automatic fractionation. • When exceeding the volume of the vial, the collector must automatically move to the next vial before it is overflow to prevent loss of precious fractions. • 20ml vials (200 pcs) and racks
Temperature controlled column chamber	<ul style="list-style-type: none"> • Equipped to hold analytical and prep columns with provisions for auto switching • Temperature precision : 0.1° C • Temperature range : 10° C below room temperature to 80° C

System controller	Module to control the entire system and upgradable to cater to all detectors as PDA, MS and ELSD <ul style="list-style-type: none"> • Operation of the system should be very easy • Single point control of complete system
PDA detector	Wavelength range: 190 – 800 nm or better with aligned Deuterium lamp and Tungsten lamp with Noise : $< \pm 0.6 \times 10^{-5}$ AU Drift: $< 1 \times 10^{-4}$ AU/hr or less
Cell and flow cell	Suitable analytical and preparatory operations Temperature controlled cell of 10mm path length, and volume 10 ul or above Flow cell with variable path length 0.1 mm- 5 mm
Delay volume	Less than 200 μ l or a delay sensor
Solvent recovery system	Solvent recovery system supporting multiple sample processing to be quoted
Solvent filtration unit	Filtration unit along with pump and accessories
Guard column	Guard column along with accessories to be quoted
Degassing unit	A degassing unit for removing air bubbles and drifting Operating flow rate per line: 1-20 ml/min Connection kit to enable control with solvent delivery unit
Softwares	Data analysis software for spectra evaluation, including spectral libraries and peak purity functions. System suitability, System security as well as System check functions must be provided which comply with Good Laboratory Practice (GLP) and Regulatory Conformity Software should be 21 CFR Compliant
IQ OQ PQ	IQ OQ PQ should be offered and provided.
Columns	C8, C18(one each for prep and analytical operation)
Hardware	Branded PC with Pentium i5 processor or equivalent, 1TB HDD, 4 GB RAM, with CD DVD writer, full HD LED monitor, and laser printer should be provided.
UPS	Online 10KVA UPS of 30min backup should be quoted. Maintenance free battery
Warranty	Comprehensive warranty for 3 years for complete system to be quoted.
Training and verification	Firm should provide at least a weeks application training at their laboratory besides on-site technical support. The technical specifications may be physically verified prior to the qualification of technical bid.



Sl. No. :

JAMIA HAMDARD
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Hamdard Nagar, New Delhi-110 062

Phone: 26059688, Telefax: 26059663 Ext.: 5326, Website: www.jamiahamdard.edu

QUOTATION APPLICATION FORM

- Cost of Quotation Documents : Rs. 500.00 (Non refundable)
- Quotation form for : “ _____ ” Sl. No.: _____
- Last date of Submission of Quotation : **22/10/2018 upto 3.00 p.m.**
- Date of opening of Quotation : **22/10/2018 at 3.30 p.m.**
- Quotation Document Fee : DD / Receipt No. _____ Dated _____ for
Rs. _____ (Rs. _____)

VENDOR DETAILS

- 1. Name of Firm / Company :
- 2. Authorised person :
- 3. Address :
- Telephone(s):
- Fax: Mobile.....
- E-mail :
- 4. Income Tax No. / PAN No. :
- 5. Sales Tax No. / TIN No. :
- 6. Experience Certificate :
- (Attached photo copy)
- 7. Details of Earnest Money (EMD): DD / Banker Cheque No. _____ Dated _____ for
Rs. _____ (Rs. _____)
Bank _____

I/We agree to abide by the terms and conditions of the Quotation as laid down under Quotation No. **JH/PS/Quot. No.-520/Aug-2018.**

Signature

Name

Designation

Company Seal

Contact No.....