



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-521/Sep-2018)

TERMS & CONDITIONS

Sealed quotations are invited from reputed manufacturers/authorized distributors/resellers for **Supply of Equipments for Department of Pharmacognosy & Phytochemistry, School of Pharmaceutical Education & Research to Jamia Hamdard** as per the specifications are given below and the detailed terms & conditions are given as under:

S. NO.	Items	Specifications
1	Inverted Microscope	<p>Inverted Microscope</p> <ul style="list-style-type: none"> ➤ CCIS colour corrected infinity optical system, Anti – fungus ➤ Siedentopf Trinocular Eyepiece Tube, 45° inclined, (light split 20:80); butterfly movement to increase the viewing height by 60mm. Interpupillary distance 48-75mm. ➤ 6v/30w quartz Halogen Koehler illumination system, interchangeable with 3W LED. ➤ Eyepiece 10x / 22 mm with diopter adjustment and Rubber Eyecups (Pair). ➤ Revolving quintuple nosepiece with light memory function. ➤ Auto ON/OFF function, based on built-in IR-sensor. ➤ CCIS Plan Achromat Phase Objective PL Ph4x / 0.10 WD 12.6mm, Ph0 ➤ CCIS Plan Achromat Phase Objective PL Ph 10x / 0.25 WD 4.1 mm Ph1 ➤ CCIS Plan Achromat Phase Objective LWD PL Ph 20x / 0.30 WD 4.7mm Ph1 ➤ CCIS Plan Achromat Phase Objective LWD PL Ph 40x / 0.5 WD 3.0mm Ph1 ➤ Phase slider centerable, ➤ One Phase ring Ph1 to cover the Phase Objectives 10x to 40x, no need to move Phase slider. ➤ Phase ring Ph0 for Phase 4x Objective. Phase centering telescope ➤ ELWD Condenser with N.A. 0.30 and W.D. 72mm ➤ Glass Stage Insert & Metal Stage Insert. ➤ Fine focus with step of 2 microns. ➤ Attachable X-Y object guide with suitable holders. ➤ Allen Hex Keys, Vinyl Dust Cover, Universal Power Supply ➤ In compliance with European RoHS standard. <p>Microscopic Scientific grade Digital Camera, HDMI & Multi Output Microscopic camera Attachable Microscopy Camera with SD Card slot Sensor Type: Dedicated HDMI CMOS</p> <ul style="list-style-type: none"> • Capture Resolution: 8MP • Output Possibilities: Simultaneous HDMI, USB, SD Card • Software Included: On-board computer-free image processing, built-in image processing tools. <ul style="list-style-type: none"> ➤ Image Analysis software : Plus 3.0 Software ➤ Instant Image Capturing, Real time full screen image, Programmed Interval Captures, Video Capture by Time Settings, Easy Measurement Calibration, Measurement in microns, inches, millimeters Length Measurements, Ellipse, Rectangle, Irregular Shape Measurements, Perimeter, Radius, Circumference Measurements, Angle Measurements, Image Adjustment Effects, Automatic ➤ Suitable PC with HD Screen: 1920x1080 high resolution monitor with HDMI port. ➤ Printer ➤ Power Backup ➤ Warranty: 3 Years

2	Gradient PCR (for analysis and amplification of nucleic acids/gene/DNA)	<ul style="list-style-type: none"> ➤ Sample capacity of 96x0.2ml tubes, 0.2ml tube strips or 1x96-well plate with Peltier heating and cooling. ➤ Gradient capability with range of 30-100 deg C ➤ Dynamic ramping (identical hold times) for all the 8 rows of gradient. ➤ Should have a temperature differential range of 1-25degC across the rows. ➤ Should have intuitive 5.7" (14.5 cm) touch screen interface which can displays graphics in high resolution for easy programming. ➤ Touch screen should be responsive for both gloved and ungloved fingers. ➤ Capable of running reaction volumes from 1-100ul. ➤ Maximum ramp rate of 4 degC/second. ➤ temperature range of 4-100 deg C ➤ Should have a temperature accuracy and uniformity of ± 0.5 deg C ➤ Memory of >500 programs with further expansion through a USB Flash drive for transfer of files. ➤ System should have built in library of standard protocols for long PCR, fast PCR, reverse transcription PCR etc. ➤ Should have the feature of "Instant Incubation" to keep samples at constant temp for ligation and restriction digests. ➤ Should have power save mode. ➤ Should be compatible with all kind of plastic consumables and reagents specially reusable sealing Mats. ➤ Should be supplied with Start up Plastic wares. ➤ Should be supplied with a 1.0 KVA online UPS with 10-15 minutes back-up. ➤ Warrantee: 3 years
3	Electrophoresis unit (for Analysis of Nucleic acids and Proteins)	<ul style="list-style-type: none"> ➤ A horizontal electrophoresis system should be able to run the gel size of 7 x 10cm & 7 X 7 cm, and should be supplied along with 7 X 10 cm Tray along with the Gel tank with safety lid. ➤ The supplied gel trays should be UV proof and the trays can be directly kept on the UV Transilluminator and should have a integrated fluorescent ruler in the tray. The ruler should get illuminated on exposure to UV Light for easy and safe calculation of the band movements. ➤ A system should include tape free gel casting module for leak free operations. ➤ A system should include two 1.5mm combs, 8- & 15-well fixed height combs each. ➤ A system should have the option for adjustable height combs with comb holders. ➤ Migration rate of Bromophenol Blue dye should be similar to 4.5cm/hr(at 75 V). ➤ A system should have a lid with the safety banana Jacks, which breaks the circuit when the lid is running. ➤ Should be provided with a bubble leveler for even gel casting. ➤ The gel caster should have 3 height adjustable screws for balancing the uneven platforms for uniform gel casting. ➤ The electrodes should be color coded to remove the confusion of wrong orientation. ➤ The Lid should have a safety option so that the lid cannot be closed in the wrong orientation. ➤ The Lid should have a integrated cables to connect it to the power pac directly. ➤ A system should be capable to run precast ready agarose gels and Hand Cast gels. ➤ The PreCast Gels should be quoted from the same supplier and should be quoted in the options. ➤ Warrantee: 3 years
4	Vertical Electrophoresis with Blotting module and Power supply	<ul style="list-style-type: none"> ➤ One complete unit for Mini Vertical Protein SDS PAGE for 1.0mm mini gels ➤ Gel Size: Precast: 8.6 x 6.8; handcast: 8.3 x 7.3 cm ➤ Glass plate sizes: Short plate: 10.1 x 7.3 cm, Spacer plate: 10.1 x 8.2 cm ➤ System should include tank, lid with power cables, electrode assembly, casting stand for 4gels, five each 10-well ,1.0 mm combs and five sets of short and integrated spacers plates. ➤ System should be capable to run 1-4 hand-cast and precast mini gels ➤ System should require not more than 700 ml buffer for 2 gels and 1000ml buffer for 4 gels. System should have casting stand with wing clamp assembly for simple and leak proof casting ➤ Should be inclusive Gel blotting module with capacity of at least 2 gel transfer capable of running in the same buffer tank of Mini Vertical SDS PAGE unit ➤ System should come with starter consumables kit for fast gel running in 20 min ➤ System should have lid with safety banana jacks which break the circuit if lid is opened during a run ➤ The electrodes should be color coded to remove any confusion of wrong orientation ➤ The lid should have integrated cables to connect to power pack directly ➤ System should quoted with two additional packs of 5 qty each of short plates.

➤ System should conform to CE standards

Power Pack (1 Qty) :

Output specifications	10–300 V, fully adjustable in 1 V steps 4–400 mA, fully adjustable in 1 mA steps 75 W (maximum)
Type of output	Constant voltage or constant current with automatic crossover
Output terminals	4 pair recessed banana jacks in parallel
Timer control	1 min–99 hr 59 min, fully adjustable
Pause/resume function	Yes
Display	3-digit LED
Operating conditions	0–40°C; 0–95% humidity in absence of condensation
Safety compliance	EN61010
Safety features	No-load detection; rapid resistance change detection, ground leak detection, overload/short circuit detection, overvoltage protection, over-temperature protection
Input protection	Fuse on hot and neutral

Warranty: 3 years

Terms and Conditions:-

1. Quotations may be submitted latest by **26th October 2018 upto 3.00 p.m.** in an envelope superscribing **“Quotation for Equipments for the Department of Pharmacognosy & Phytochemistry, School of Pharmaceutical Education & 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 29th 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 successful bidder will have to deposit 5% of the total value of supply as Security Money in the form of Performance Bank Guarantee or FDR in favour of the “Registrar, Jamia Hamdard, New Delhi”, which will be refunded after completion of the warranty period.**
14. The Vendors whose near relatives/blood relations are employed at Jamia Hamdard need not apply, and the same will not be considered.

15. 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.
16. The decision of the University will be final in case of any dispute arising in implementation of the terms of the contract.
17. TAN/PAN and GST No. should be attached with the quotation documents.
18. The manufacturer/supplier should submit the list of Universities/Govt. organizations/Institutions to whom supplies were made earlier.
19. 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.
20. No extra payment like carriage freight, loading and unloading, storekeeping, packing, forwarding etc. will be paid.
21. Income tax at source will be deducted from the running bill of supplier from the passed amount as per instruction of Income Tax Department.
22. 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.
23. 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.
24. Late and delayed quotations shall not be considered and may be returned unopened to the bidder.
25. Quotations not in proper sealed cover or received telegraphically or by fax will not be entertained.
26. Conditional quotations will be rejected without assigning any reason.
27. 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.
28. The vendor has to certify that these terms and conditions are acceptable to him.
29. 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



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QUOTATION APPLICATION FORM

- Cost of Quotation Documents : Rs. 500.00 (Non refundable)
- Quotation form for : “ _____ ” Sl. No.: _____
- Last date of Submission of Quotation : **26/10/2018 upto 3.00 p.m.**
- Date of opening of Quotation : **29/10/2018 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.-521/Sep-2018.**

Signature.....
 Name
 Designation.....
 Company Seal
 Contact No.....