

**DEPARTMENT OF BIOCHEMISTRY
UNIVERSITY OF LUCKNOW
LUCKNOW- 226007**

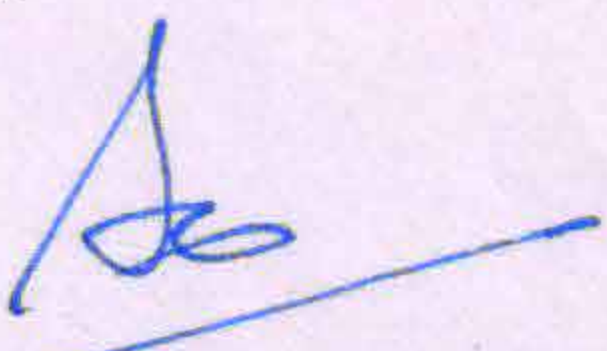
TENDER NOTICE



Department of Biochemistry, University of Lucknow invites sealed tenders from eligible bidders for supply of Equipments (1) **High Speed Refrigerated Centrifuge**, and (2) **HPLC System** under the DST-PURSE Scheme, Government of India, New Delhi. Separate tenders for each item mentioned above must be submitted at Department of Biochemistry, University of Lucknow.

For Tender Documents, Tender Fee, EMD, Specifications and other details please visit our website: www.lkouniv.ac.in

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REGISTRAR
University of
Lucknow Registrar
Lucknow University
Lucknow

DEPARTMENT OF BIOCHEMISTRY
UNIVERSITY OF LUCKNOW
Lucknow- 226007

SHORT TERM TENDER DOCUMENT

Tender No. - LU/Biochem/DST-PURSE/01/2018

Date: 02.07.2018

Sealed and separate tenders, each in two parts i.e. tender bid-I (Technical) and tender bid-II (Financial) are herewith invited from manufacturer / eligible firms authorized by manufacturer, to supply Equipments (1) **High Speed Refrigerated Centrifuge**, and (2) **HPLC System** under the DST-PURSE Scheme, Government of India, New Delhi along with tender fee of Rs. 1000.00 for each item and Earnest money deposit of Rs. 50,000/- for each item in the form of Demand Drafts only, in favour of Finance Officer, University of Lucknow, Lucknow. Both the technical and financial bids, sealed in separate envelopes should be kept together in one big envelope. The tender should be submitted at the Department of Biochemistry latest by 07.08.2018, 02.00 PM and will be opened on the same day at 03:00 PM.

Terms & Conditions

1. Tenders are being invited for purchase of equipments for research purpose in the department. The firm will also complete the installation and commissioning of these equipments.
2. The technical specifications of equipments are attached as Annexure I and II.
3. Tenders should be submitted either in person or by post in sealed envelopes on which name of equipment, tender number and date along with name and address of the firm should be written.
4. **TECHNICAL BID** shall contain (i) Tender Fee (non refundable) (ii) Earnest Money Deposit (iii) Copies of PAN, GST and other necessary documents, (iv) Income Tax Return for last three years (v) Authorization certificate, if applicable.
FINANCIAL BID shall contain the details of cost of equipment along with accessories, taxation details, and any other charges, if applicable. Any overwriting and/or cutting on the Financial Bid is not allowed.
5. Tenders received after due date and time will not be considered.
6. EMD of all unsuccessful bidders will be refunded after opening of tenders. However, EMD of successful bidder will be refunded only after the warranty period is over starting from the date of successful installation of equipments and due verification by concerned authority.
7. The tender fee is non-refundable.
8. Price quoted should be F.O.R. **Department of Biochemistry, University of Lucknow, Lucknow 226007.**
9. Conditions regarding validity of tenders, delivery period, payment discount, warranty and guarantee period, GST, custom duty and insurance etc. should be mentioned clearly. The prices including GST and other taxes should be quoted.
10. Quoted rates should be valid for at least **six months** from the date of opening of tender.
11. Tenders without EMD will not be entertained.
12. Payment will be made only after successful installation of equipments and due verification by concerned authority.

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13. If the supply is not made within specified period in the purchase order, the firm shall be liable to pay a penalty at the rate of 0.10% of value of purchase order per day. However this can be waived-off by the Hon'ble Vice Chancellor under special circumstances. If the firm fails to supply the equipments the earnest money deposit will be forfeited.
14. Deduction of TDS as per Govt. Rules.
15. Tenders will be opened in the presence of Tender Committee and bidders or their authorized representatives who wish to be present on the date of opening of tender.
16. Any dispute will be subject to **Lucknow** Jurisdiction only.
17. Conditional tenders will not be accepted.
18. Authorized signatory has to keep all the original documents at the time of opening of tender.
19. It will be mandatory obligation of the firms to supply genuine equipments and its parts. In case of any fake parts / equipment found the firm/supplier will be responsible for the replacement of the equipment.
20. The Hon'ble Vice Chancellor, Lucknow University has the absolute right to accept or reject any or all tenders without assigning any reason at any stage of tender process.

I/We have read and understand the above conditions and agree to abide by them.

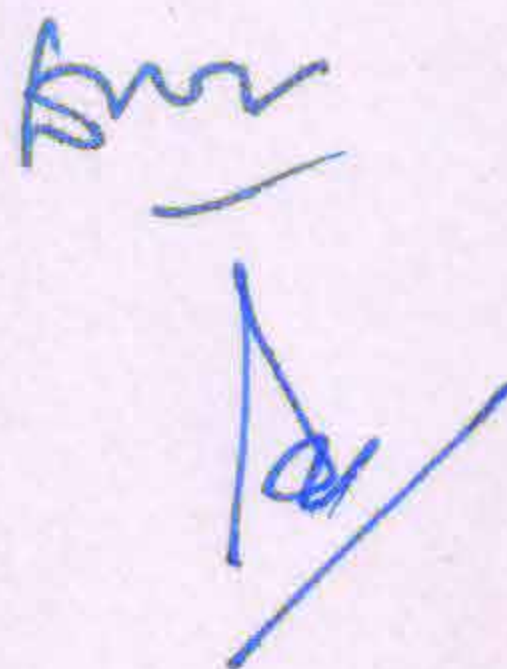
**Authorized Signatory & Seal of the
Bidder/Proprietor**

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Format/check list of technical bid

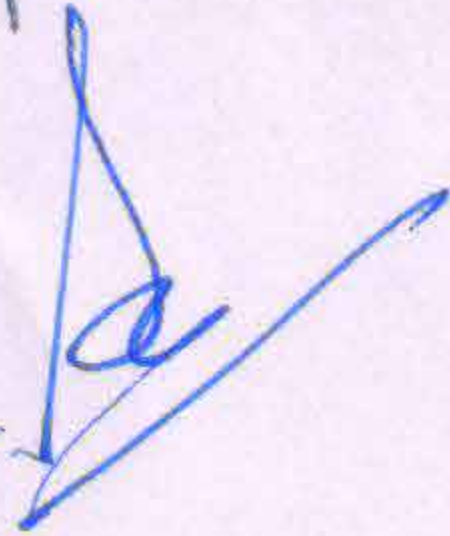
Tender	Purchase of Equipments High Speed Refrigerated Centrifuge and HPLC System for the Department of Biochemistry
Item No. & Name of the Equipment	
Name of the firm with full address and contact number	
F.O.R.	Department of Biochemistry, University of Lucknow, Lucknow
Tender Fee: Rs. 1000.00	DD No: _____ Amount: _____ Bank: _____ Date: _____ Drawn in favour of Finance Officer, University of Lucknow, payable at Luckow (U.P.).
Earnest Money Deposit: Rs. 50,000.00	DD No: _____ Amount: _____ Bank: _____ Date: _____ Drawn in favour of Finance Officer, University of Lucknow, payable at Luckow (U.P.).
PAN and GST No.	PAN GST (Attach proof)
Income Tax Return of last three years	Attach Copy
Authorization Letters	Attach proof
Turnover in the last three years	Attach proof
List of users	Attach proof
Place of Tender Submission	Department of Biochemistry, University of Lucknow, Lucknow
Last Date of Tender Submission	Date:- 07.08.2018 Time:- 02.00 PM
Place of Tender Opening	Registrar Office, Committee Room, Lucknow University, Lucknow.
Opening of Tender	Date:- 07.08.2018 Time:- 03.00 PM

Signature and Seal of Bidders

Signature


Specifications of Item No. 1, High Speed Refrigerated Centrifuge

1. Capacity: 4 litre or more
2. RPM: 22,000 or higher
3. Temperature Range: -8°C to $+40^{\circ}\text{C}$ or better
4. Multiple Acceleration/Deceleration rate
5. Automatic Rotor Identification
6. Warranty: 2 Years
7. Supply with Servo Voltage Stabilizer: 7.5 KVA or higher
8. Rotor (Carbon fibre/metal)
 - (a) Fixed angle 48 x 1.5 ml: 35000 x g or more
 - (b) Fixed angle 8 x 50 ml: 65000 x g or more with 15 ml adapter for round and conical bottom tubes
 - (c) Rotor for ELISA plates with maximum 24 plates at 5000 x g or better
9. Should be supplied with 50 ml (24 Nos.) and 15 ml (24 No.) tubes.

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Specifications of Item No. 1, HPLC System

1. SOLVENT DELIVERY SYSTEM

Quaternary Gradient Pump with dual reciprocating pistons in series.

Pressure range: 5500 psi or more

Flow calibration should be programmable with flow rate change from 0.001 to 8 ml/min or more

Flow rate accuracy: $\pm 0.1\%$

Flow precision: $< 0.05\%$ RSD

Solvent degassing: Built-in, 4-channels.

2. RHEODYNE MANUAL INJECTOR

With sample loops 20ul and 50ul, 100ul, 500ul, 1000ul to be offered.

3. PHOTO DIODE ARRAY (PDA) DETECTOR

Fluorescence detector should be included

Wavelength range: 190-800 nm

Wavelength accuracy: ± 1 nm

Wavelength precision: ± 0.1 nm

Pixel/Optical resolution: < 1 nm or better

No. of elements: 1024

Noise level should be $< 1 \times 10^{-5}$ AU or better at 254 nm

Data acquisition should be up to 80 HZ or better

Analytical flow cell of 13 micro litre

4. VARIABLE WAVELENGTH FLUORESCENCE DETECTOR COMPATIBLE WITH THE SYSTEM

5. CHROMATOGRAPHY SOFTWARE

- Chromatography data system for control, acquisition, processing, & reporting software.
- It should have flexible reporting as users desires for complete chromatography information Reporting.
- It should also record the instrument events in real time.
- Software should have 3rd party interfacing facility.
- Audit Trail and Auto Peak Processing features.

6. FRACTION COLLECTOR

Software controlled fraction collector to be offered with at least 180 tubes of 8 ml or more

Carryover Volume: 15 uL or less.

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Local supplies:

- 1) Instrument must be quoted with branded PC (at least i3 processor and with a licensed windows software) with suitable configuration to run the software of the system and a Laser Printer to print the data.
- 2) Suitable (5 KVA or better if required) UPS for the entire system with half an hour battery back up

Columns :

Analytical Column C8 (250 mm x 4.6 mm, 5 μ m) – At least 1 No.

Column C18 (250 mm x 4.6 mm, 5 μ m) – At least 1 No.

Guard columns - At least 2 Nos.

Size exclusion column (Max. size up to 1000 KDa or better) - At least 1 Nos.

Date:

**Signature of Authorized Signatory
Seal**

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