



OFFICE OF THE REGISTRAR
DIBRUGARH UNIVERSITY
Dibrugarh | PIN - 786 004 | Assam

No: DU/RP/PMC/2020/ 2012

Date: 12/03/2020

-:Notice Inviting Quotation:-

Sealed quotations are invited from authorized/reputed/experienced firm for the supply, installation and commissioning of **Analytical cum Semi Preparative HPLC system** under the DBT – NER Twinning Project at the Department of Pharm. Sciences, D.U. in accordance with the specifications and quantity provided at the Annexure – I. The quotations will be received by the undersigned on or before 37/03/2020 upto 4:00 pm.

Terms and Conditions:-

1. No separate tender paper will be issued from the Office. Quotation should be submitted on the Supplier's Letter Pad accompanied with all relevant supporting documents.
2. The bidder must submit their quotation in 2 (two) bids system viz. Technical Bid and Financial bid. The financial bid shall be considered for evaluation only after successful submissiveness of the Technical bid.
3. The University reserves its right to accept or reject any or all the quotations without assigning any reason thereof.
4. The quantity and requirements of the materials may be varied at the time of placing the formal supply/work/service order.
5. Payment shall be made after successful supply, installation, commission and completion of the job.
6. The quotations are to be addressed to "**The Registrar, Dibrugarh University, Dibrugarh – 786 004**". The sealed envelopes must be super scribed with the respective NIQ Notice number, material or service or annexure number, corresponding to the NIQ. The bidder must also indicate their contact details in terms of Contact no, email ID etc on the face of envelope.
7. The bidder must clearly indicate information, in terms of Duties & taxes, freight & transportation charges, installation charges (if any), warranty terms (if applicable) etc. Details of GST registration, PAN etc are also required to be incorporated on the respective bid documents.
8. The bidders have to submit 02% EMD of the total bid value along with the bids.
9. The University shall retain 10% (if required) of the total bill value as security deposit for 1 year.
10. The shortlisted firm must physically visit and inspect the site of installation prior to the supply of materials.


12.3.2020
Registrar
Dibrugarh University

Copy to:

1. The Dy. Registrar (F&A), D.U. for information
2. Notice Boards
- ✓ 3. The Programmer, D.U. – for publishing on the D.U. website
4. Office File


12.3.2020
Registrar
Dibrugarh University

Annexure – I

Title of the Project: DBT – NER Twinning Project

Under the guidance of Dr. Bibhuti B. Kakoti, Associate Professor, Department of Pharm. Sciences, D.U.

Specifications of the Analytical cum Semi- Preparative HPLC system

01. Solvent Delivery Unit LC-20AR 2 Nos.
LC-20AR Semi-Preparative cum analytical Solvent Delivery Unit
Binary HPLC dual reciprocating programmable free standing pump, can work isocratic, binary gradient, analytical and semi preparative modes without adding any external hardware.
High Pressure Binary Gradient System
Flow Rate: 0.01mL/min to 20mL/min in each pump
Flow Rate Accuracy: $\pm 1\%$
Flow Rate Precision: 0.08% RSD
Maximum discharge pressure: 49Mpa (7200psi)
02. Tool Kit, LC-20AR 1 No.
03. Rinsing Bottle Kit, 20AR 1 No.
04. Rinse Pump ASSY 1 No.
05. Semi preparative Mixer...4.5ml Volume 1 No.
06. Mixer, SUS316L Assy 1 No.
 - Mixing volume changeable in 3 steps
 - Suitable for high pressure, low pressure & semi-micro applications
 - Dynamic mixing
 - Extensive Validation & Productivity Capabilities
07. Column Holder, SLIM 1 No.
08. Reservoir Box 1 No.
09. Photodiode Array detector 1 No.
 - Sensitivity $+ 0.3 \times 10^{-5}$ AU
 - Wavelength range : 190–800 nm
 - Lowest Drift 0.5×10^{-3} AU/hr
 - Temperature control flow cell design for stable baseline and faster stabilization
 - Light Source D2 and W lamps
 - Excellent linearity through stray light correction mechanism
10. Prep Cell for PDA 1 No.
11. Refractometer Detector 1 No.
 - Refractive index range 1.00 to 1.75 RIU
 - Temperature control of upto one external column heaters.
 - Flexible application for GPC system.



Bibhuti B. Kakoti (B.K.)

- Noise level $\pm 1.5 \times 10^{-9}$ RI units
12. Manual Injection Unit includes: 1 Set
 - 772Si Rheodyne injector
 - Mounting Plate
 - 25ul Syringe & 20ul Loop
 13. 100ul Loop 1 No.
 14. 100ul Syringe 1 No.
 15. 1000ul Loop 1 No.
 16. LabSol LC Connect CS Ready 1 No.
CFR part 11 compliant software comes with database.
 17. LabSol Add PDA Connect CS Ready 1 No.
 18. Prominence System controller CBM20A 1 No.
 - System Control through network
 - Centralized management of maintenance information
 - Data buffering function
 19. C18 Preparative column (250mmx 10mmx5 μ m) 1 No.
 20. C-18 Analytical Column (250X4.6mm, 5 μ m) 1 No.
 21. Software
 - Measurement of retention times and component identification.
 - Automatic peak detection, peak area measurement and baseline correction facilities.
 - Software has to be able to analyse GPC data.
 22. Branded PC: TOWER DESKTOP 1 Set
 Make: HP, Model: S01-PF031
 Intel 9th Generation Core i5 9400U, 8 GB RAM,
 Wired Keyboard Mouse, 1 TB HDD, Integrated Graphics,
 Black ColorMonitor WINDOWS10 HOME +MSO 19.45" inch
 FHD IPS & Laser printer
 23. 3 KVA online UPS with 30minutes back up 1 No.
 24. Ancillary equipment 1 No.
 Vacuum Pump for Rotary evaporator: 13 mbar; Max. Flow
 Rate: 25 L/min



25. Sample and solvent filtration kit

1 No.

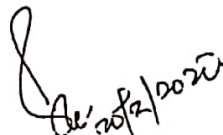
26. Voltas AC 2 Ton Split

1 No.

Terms and Conditions:

Dibrugarh University will provide the DSIR certificate, custom duty exemption. Processing charge, Freight charge (Packaging, transportation, insurance etc.), and total F.O.R. destination price to Dibrugarh University shall have to be included.




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