



## **CHAUDHARY BANSI LAL UNIVERSITY, BHIWANI**

(A State University Established Under Haryana Act 25 of 2014)

**No.CBLU/CHEM/2019/962**

**Dated:24/06/2019**

### **E-TENDER NOTICE**

E-tenders are invited for purchase of Bench Top NMR costing Rs. 70 lacs (approx.) from manufacturers, distributors/authorized dealers of the concerned manufacturers in two bids i.e. Technical bid and financial bid. The amount of earnest money (refundable) @ 2% of the total cost of material of the quoted rates and tender fee (non-refundable) 3000/-Rs (Three Thousands Rupees) should be submitted in the shape of the bank draft in favour of Finance Officer, Chaudhary Bansi Lal University, Bhiwani. The tender will be floated by 25/06/2019 on the website <http://etender.hry.nic.in>. The bids should be uploaded by 25/07/2019 upto 5:00 PM which will be opened on 26/07/2019 at 11:30 AM in the Computer Centre, Chaudhary Bansi Lal University, Bhiwani. The detailed e-tender documents and detailed specifications are available on the University website [www.cblu.ac.in](http://www.cblu.ac.in).

**REGISTRAR**

## **TERMS & CONDITIONS FOR THE SUPPLY OF BENCH TOP NMR**

1. All charges payable by the University should clearly be stated.
2. The E-tender should be submitted only if the material is available in your stock or can be supplied within 30 Days after the order is placed.
3. The E-tender will be floated by 25/06/2019 upto 5:00 PM on the website <https://etenders.hry.nic.in>.
4. E-tender will be opened on 26/07/2019 at 11:30 AM in the office of University Computer Center, Chaudhary Bansi Lal University, Bhiwani-127021, (Haryana) by the Purchase Committee in the presence of the parties or their representatives whosoever may like to be present.
5. Every tender shall be accompanied by an earnest money @ 2% of the total cost of material of the quoted rates in the shape of bank drafts in favour of Finance Officer, Chaudhary Bansi Lal University, Bhiwani payable at State Bank of India, Bhiwani.
6. E-tender fee of Rs. 3000/- Rs (Three Thousands Rupees) in the shape of Bank draft in favour of Finance Officer, Chaudhary Bansi Lal University, Bhiwani payable at State Bank of India, Bhiwani is required.
7. The E-tenders received without earnest money or tender fee shall not be entertained.
8. **E-tender may be uploaded for supply of Bench Top NMR.**
9. The goods shall be supplied by the supplier within the time limit specified in the supply order. In case, the material is not supplied within the delivery period the supplier shall be liable to pay the University the compensation amount equivalent to 1% of the cost of material per day or such other amount as the Registrar may decide till the supply remains incomplete, provided that the total amount of compensation shall not exceed 10% of the total amount of the cost of material supplied/to be supplied. Appeal against these orders shall, however, lie with the Vice-Chancellor, Chaudhary Bansi Lal University, Bhiwani whose decision shall be final.
10. The Performance Security @ 5% of cost of the item to be deposited in the shape of Fixed Deposit Receipt or Bank Guarantee by the successful bidder *i.e.* who has been awarded supply order. The performance security shall remain valid for a period of 60 days beyond the date of completion of warranty period.
11. In case, the supplier backs out of the supply of the goods, the earnest money deposited by the supplier shall be forfeited besides taking any other action as may be considered necessary by the Vice-Chancellor.
12. The quantity of the material shall be subject to increase or decrease on the tender rates. The acceptance of goods is subject to the approval of the Inspection Committee.
13. If yours rates are approved by the GEM and other Central/State Agency, the same must be quoted and the copy of the rate contract be attached.
14. Rates be quoted F.O.R. CBLU, Bhiwani.
15. 100% payment will be made on receipt and inspection of goods after satisfactory installation to ensure the specifications and their good condition.
16. The offer must be valid for a period of at least 3 months from the date of opening of tender.
17. The Registrar reserves the right to reject or accept any or all offers without assigning any reason.
18. In case, any information/clarification is required, may be contacted Dr Mayank Kingler, Chairperson, Department of Chemistry at Mobile No. 9034359496 on any working day (Monday to Friday) during office hours.
19. The disputes, if any, shall be subject to Jurisdiction of Courts at Bhiwani.
20. For details may visit University website: [www.cblu.ac.in](http://www.cblu.ac.in) .

**REGISTRAR**

## SPECIFICATION AND QUANTITY OF BANCH TOP NMR

QUANTITY

1 NOS.

Technical specifications of NMR:

1. Operating Frequency: 60 MHz (1.4 T)
2. Magnet: Permanent, no cryogenics
3. User Interface Built-in Touch or Windows
4. NMR for  $^1\text{H}$  Proton,  $^{19}\text{F}$  Fluorine,  $^{13}\text{C}$  carbon
5. Lock: Deuterium & non- Deuterium options
6. Sample: Standard 5 mm NMR tubes & flow options
7. Compatibility: JCAMP-DX, Mnova, ACD/Labs, Delta, Topspin, LabView
8. Resolution: FWHM < 0.5 Hz,
9. Peak width at 0.55% height: less than 20 Hz or better
10. Sensitivity 100 : 1 SNR (1% EtBz (Ethylbenzene) single scan)
11. Operating Temperature: 18-26 °C
12. Power Supply: 100-240 V AC, 50-60 Hz
13. Pulse program control: Yes
14. Networking: Wi-fi, Ethernet
15. PC/ Desktop Configuration, Processor: i5, Software Windows-10/ advanced, RAM: 8GB, Hard Disk Space: 2 TB, USB Ports: 3 Ports, Monitor: 21inch (Quantity-01) and colour laser printer and suitable UPS
16. Software: Spectra should be compatible with common software like Mnova, JCAMPDx, LabVIEW software for post data analysis. Data should be exported and printed. Software: Advanced user friendly Windows based software for complete control of instrument, data acquisition & advance data processing etc.
17. System should be ready to perform 2D COSY, JERS experiments online, template formatting is not acceptable. System should be ready to perform DEPT, HETCOR, HMBC, HMQC experiments online, template formatting is not acceptable
18. Instrument must be able to perform  $^1\text{H}$  Proton,  $^{19}\text{F}$  Fluorine and  $^{13}\text{C}$  Carbon experiments without change of probe.
19. Warranty: 3 year warranty

20. AMC: Annual Maintenance Contract for 3 years after the warranty period should be offered.

21. Service: Technical support should be available at short notice at the places where NMR will be installed. Troubleshooting training (instrumentation/application) as and when required free of cost.

22. Training: Training for operating the instrument for two persons for at least one week at factory and 1 week on-site should be provided.

**REGISTRAR**