

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

Date: 25/6/2014

Sub: Limited Tender Enquiry

Specifications of the HPLC instruments are given below:

Item No.	Specification of High Performance Liquid Chromatography (HPLC)	Qty
	BINARY HPLC System	
1.	<p>Gradient System: Dual Pump</p> <p>Solvent Delivery Module</p> <p>Automatic Pulsation correction mechanism and high speed micro plunger driving (stable solvent delivery for long periods)</p> <p>Auto schedule function for switch on and off</p> <p>Dynamic Gradient Mixer</p> <p>Automatic Rinsing Kit</p> <p>Reservoir Tray</p> <p>Upgradeability for High Pressure gradient up to three pumps and low pressure gradient Quarternary pump Automatic Rinsing Kit</p> <p>Flow Rate: 0.1 to 5 mL/min (1 to 50 Mpa pressure)</p> <p>Flow Rate accuracy: 1% (1.0 mL/min (1 to 50 Mpa pressure) using n-hexane: isopropanol at 25 °C</p> <p>Minimum number of solvents (Tolerance): 4; Injection Method: Variable (preferably auto sampler)</p> <p>Injection volume: 0.1 to 100 µl; Sample vial capacity: 1.0 mL (300)</p> <p>Sample vial capacity: 5.0 mL (100); Microlitre Platelets: 400</p> <p>Deep Well Platelets: 400; Injection volume accuracy: 1%</p>	<p>2</p> <p>1</p> <p>1</p> <p>2</p>

K.V.S. Ranganath
(Principal Investigator)

	<p>Sample cooler: 4 to 40°C. Temperature control range: 60°C</p> <p>UV-detector: Complete UV-detectable range, Band width: 8 nm</p> <p>Cell path length: 100 mm, 8µl</p> <p>Wavelength monitoring: Any two wavelength from 190 to 800 nm</p> <p>Auto Zero Function, base line shift function and polarity switching</p> <p>Light source: Deuterium and mercury; Display: Black liquid LED display</p> <p>Operating temperature: 0 to 40°C; 1 computer with software connected to HPLC</p> <p>Materials in contact with mobile phase: PTFE, silica, SS, Vespel, PEEK</p> <p>HPLC installation kit should contain syringe (50 µl), guard column cartridge, Nuts, One column (analytical C-18).</p> <p>Ferrules and other accessories to be included in the starting kit of HPLC.</p> <p>Mobile phase filtration and Degassing agent.</p> <p>2 year of free technical and other services.</p>	
2.	Chiralpak AD-H column, Analytical 150 X 4.6mm, 5µm	1

General terms & conditions of the supply:

1. The sealed quotation should be superscribed with "Quotation for supply & installation of instrument/Equipments.
2. The sealed quotation must be submitted by registered vendor off GGV Bilaspur only.
3. Quantity: The quantity mentioned above is indicative and may increase or decrease at the time of placing purchase order.
4. Technical brochure/ leaflet. of the quoted items should be submitted along with the quotation.

S. Ranganath

Pratap
25/6/14
अध्यक्ष/Head
रसायन शास्त्र विभाग
Deptt. of Chemistry
गुरु बाबूदास विश्वविद्यालय
Chandigarh Vishwavidyalaya

5. **Discount if any:** Special concession/discount applicable for educational institutions, if any must be mentioned clearly at the time of submission of quotation.
6. **Excise duty exemption:** The University is exempted from Custom/Excise Duty by DSIR Govt. of India. Vide letter n o. TU/V/RG-CDE(710)/2010 dated 19-1-11. The Exemption certificate of the same shall be issued by the University on demand.
7. If the item is under **DGS& D** rate contract, the quoted price should not be more than the **DGS&D** rate.
8. The rate should be quoted on F.O.R. University campus, Koni, Bilaspur basis. No packing/ forwarding/ loading/Unloading charges will be paid extra.
9. The article must be delivered without any extra cost at the University and will also have to be installed free of cost.
10. Validity of rate: The quoted rate should be valid for a minimum period of 90 days from the date of opening of tender.
11. **Delivery period:** The article to be delivered & installed within 30 days from the issue of Purchase Order.
12. Liquidated Damages: Any delay in supplying the article from the stipulated date of delivery, will attract LD. Liquidated Damage will be applicable at the rate of 0.5% per week and limited to 10% maximum. The author reserves the right to cancel the purchase order when LD accumulates to 10%.
13. Warranty: One year comprehensive on-site warranty shall be applicable to the supplied goods for all manufacturing defects from the date of satisfactory installation commissioning, demonstration and acceptance.

14. **Performance Security:** The successful bidder must submit Performance security of 5.0% of the ordered value, on the goods/service supplied irrespective of the origin, within fifteen days of issue of purchase order in form of Demand Draft /TDR/Bank Guarantee from any Nationalized Bank' Otherwise, the same amount will be deducted from the billed amount. On satisfactory completion of the warranty period of 1 year (12 months), Performance Security will be released without any interest on demand.
15. The tender will be opened on **July 24th, 2014 at 3:00 pm** in the office of Head, Department of Chemistry, GGV in presence of tender.
16. Payment : 100% payment will be made after supply and installation of ordered quantity of article at our end in good condition. No advance or partial payment request will be entertained.
17. The unit price must be inclusive of all taxes, delivery charges, packing, forwarding, loading and unloading.
18. CST/VAT will be paid extra, if applicable provided it is made clear in the quotation.
19. Unsealed quotations will be rejected and quotations must reach on or before the due date through Speed post/ Registered post / courier only.
20. University reserves the right to accept or reject any quotation without assigning any reason thereof .
21. The tenderer are requested to visit the university website www.ggu.ac. In regularly for any updates.

K. V. S. Ranganathan
(Principal Investigator)

Annexure-1

Rates of Instruments/Equipments

Ref No-----/LTI-CHEM/2014 dated

Items No	Description/ Specification of the Equipments/Instrumentts	Quantity	Rate	VAT taxes if any	Remark

I -----declares that prices will be valid for 90 days.

Date:

Signature of the Seal Tender

Mobile number:

K.V.S. Ram