



Central Purchase unit
National Institute of Technology Srinagar-190006

Tel:- 0194-2424792/2429423/2424809/2424797 Fax:- 0194-2420475

No. NITS/CPU//2017/ Chemistry/3551-55

Dated:- 02.01.2018

M/S.....

Sub: Invitation of Bids for the supply of HPLC (Analytical cum Semi-Prep) for Chemistry Department.

Dear sir,

- 1.. You are here by invited to submit your most competitive Bid for the lab equipment with detailed Specification of these goods as give in Annexure-A. The offer to be submitted in two bid System.
2. **(Envelope- A (Technical Bid) It should contain the following; (As per tender opening format)**
 - (a) Original equipment manufacturer proof.
 - (b) Distributors/Marketing agent/ Authorization dealer proof of their status in the shape of copy of agreement of registration under law in force.
 - (c) Copy of PAN card of the firm.
 - (d) Copy of tax registration
 - (e) Copy of audited account statement of the firm for last three years.
 - (f) Proof of annual turnover of the firm for last three years. (It should not be less than 5 Crore)
 - (g) Copy of Registration of firm.
 - (h) Copy of income tax returns of the firm for last three years
 - (i) Proof of availability of service after sale support.
 - (j) Bid security for Rs.2.00 lac in the form of CDR/TDR in favour of Chairman, Central Purchase Unit NIT Sgr. and tender document fee Rs. 500/- in the form of DD, in favour of Director, NIT Srinagar. Tender without document fee shall be rejected.
 - (k) Proof of legal status.
3. **(Envelope-B (Price Bid) It should contain the following**
 - (a) Bid prices
 - (b) Bid price should be firm for the bid validity period.
 - © **All duties, taxes and levies (GST or other charges) payable, must be quoted separately.**
 - (d) **As per SRO 129 of Government of Jammu & Kashmir, the institute is Exempted for state entry tax. The Institute will provide Entry tax exemption certificate to successful bidder with supply order. The Institute is also exempted for Custom/Excise duty.**
 - (e) The rate quoted should be FOR NIT Srinagar.
 - (f) Bid price should be without over writing, however minor over writing should be clearly signed by the bidder. In case of any discrepancy between price quoted in figures and words, the price quoted in words shall be accepted.
 - (g) **The rates should be covered with transparent tape.**
 - (h) Bid form in the format given in Annexure-B
 - (i) Technical specification Schedule as per Annexure-C
 - (j) Price bid schedule in the format enclosed in Annexure-D
4. **Validity of Bids**

Bids shall remain valid at least for 120 days from the date of opening.
5. **Evaluation of Bids.**
 - (a) The purchaser shall evaluate and compare the bids which are found substantially Responsive. i.e which are
 - (i) Properly signed
 - (ii) Conform to terms and conditions and technical specifications.
 - (iii) Accompanied with Bid security and all other documents.

- (b) Bids shall be evaluated separately for each item.
- 6. Award of contract**
- (a) Contract shall be awarded to the bidder whose bid is commercially, technically responsive and offered at lowest evaluated price.
- (b) Successful bidder shall be notified about the award of the contract where in terms and conditions of supply shall be incorporated.
- 7. Payment.**
100% payment shall be made against delivery of goods at NIT Srinagar Campus in good condition, as per specifications and successful installation/commission.
- 8. Warranty:**
- (a) All items shall carry comprehensive standard warranty of two years.
- 9. Performance security.**
- (a) Performance security shall be retained for the amount as mentioned in the award of contract letter/supply order. However it shall not exceed 10% of the contract value and shall be retained from the payment bill.
- 10. Penalty for delay.**
A penalty of 0.15% (fifteen paise per hundred) per day shall be imposed if the supply is made beyond the prescribed period mentioned in supply order.
- 11. Settlement of disputes.**
Settlement of any dispute will be made under the jurisdiction of Srinagar court.
- 12. Liquidated Damages.**
If the bidder after accepting the purchase order of goods/equipments or services, fails to deliver any or all of the goods/equipments or to perform the services with in the specified period, a penalty of 15 paise per hundred per day shall be charged. The maximum penalty can be limited to 10% of the cost. Once maximum is reached NIT Srinagar may proceed on its own to consider the termination of the supply order.
- 13. Submission of Bids.**
- (a) **The last date for submission of bids is 25.01 .2018 upto 2.30 P.M.**
- (b) Bids should be properly sealed.
- (c) The two envelopes A & B should be kept in separate one envelope. Enquiry No., due date of opening and **Quotation for supply of equipment for Chemistry .Deptt.** must be mentioned on this envelope.
- (d) Bids should be addressed to Chairman Central Purchase unit NIT Srinagar.
- (e) Bids shall be accepted up to one hour before opening.
- (f) Bidders not from Srinagar shall dispatch bids sufficiently well in advance so as to reach the destination one day prior to bid opening.
- 14. Bid opening**
- (a) The Technical Bid (Envelope- A) will be opened first and price Bid (Envelope-B) of the bidder will be opened after qualifying the Technical Bid (Envelope-A).
- (b) Interested bidders can attend the bid opening.
- 15. Notwithstanding above the purchaser reserves the right to reject any or all the bids.**
- 16. We look forward for your quotation.**

Thanking you,

Chairman
Central Purchase unit, NIT Srinagar

Note:

1. Before preparing your valuable bid kindly go through the document fully and take care of all the requirements.
2. Bidders from outside Srinagar may please send their Bids much in advance so that they are received in time.

Annexure-A
Schedule of Requirements.

Details of Equipment:-

S.No	Description of items	Specifications	Qty	Delivery Period
1	HPLC Pump (Delivery System)	<p>HPLC Pump(Delivery System)</p> <ul style="list-style-type: none"> • High Pressure binary gradient two pump integrated system. • The Machine should operable both in isocratic and gradient mode. • The flow rate should be within a range from 0.001 to 20 mL/min with the possibility of increment of 0.01 mL/min for carrying out semi-preparative applications. • Flow precision: $\leq 0.1\%$ RSD or better. • Flow Accuracy $\pm 1.0\%$ or better, 1000-2000 Backpressure (each pump individually). • Delay Volume: $< 200 \mu\text{L}$ (with Gradient Mixer). • Max. Operating Pressure: 6000 psi or more. • Gradient Composition Accuracy: $\pm 0.5\%$ of setting 1 mL. • Gradient Composition Precision: $\pm 0.5\%$ of RSD of setting 1 mL. <p>Desirable:</p> <ul style="list-style-type: none"> • Option for programming for fast and slow gradients to separate eluted peaks at close proximity. • Possibility to operate in various gradient curve mode including Linear, Step, Concave, Convex, etc. <p>Auto Sampler</p> <ul style="list-style-type: none"> • Should work with injection volume of 0.1 to 100 μL with possibility of 1 μL increment and upgradable to 5000 μL or more for semi-preparative application. • Vial Tray Holder should have option for 96 well (High/Low) or higher (384 well) micro-plate version or 48 vial or 12 vial tray format. • Loop volumes should be of 5, 10, 20, 100 and 500 μL and 10 mL for semi-preparative operation. • Injection reproducibility: RSD $< 0.3\%$ or better. • Carry Over: $< 0.05\%$ or better. • Auto-sampler with provision of washing between injection with variable injection volume. • Should have capacity to detect missing vials/well in the plates by an auto sensing system. <p>Column Oven</p> <ul style="list-style-type: none"> • Should have provision of housing at least two or more columns. • Temperature setting range: Ambient to -65°C or better. • Operating Temperature: Ambient to 65°C or better. <p>PDA Detector</p> <ul style="list-style-type: none"> • The detector should have wavelength range of 190-800 nm or more. • Wave length accuracy of ± 1 nm. • Should be operable at high resolution mode (Resolution: 1.2 nm per photodiode) with a total of more than 512 Photo diodes, digital and optical (3D Mode). • Should be operable at noise level 0.6×10^{-5} AU at 254 nm or better. • Data Acquisition: Up to 80 Hz or better. 	1No	60 days

	<ul style="list-style-type: none"> • Path length: 10 mm or better. • Lamp Optimizing Software to maintain light energy. • Flow Cell design and Cell Volume: 10 µL or better and should have minimum RI effect. • Pre-aligned deuterium lamp should be used as light source with minimum life of 2000 hrs or more. • Should have provision to control peak using software. <p>Software</p> <ul style="list-style-type: none"> • The soft ware should be original, authenticated and compliant for GLP/GMP/CFR. • Should have option for manual integration. • Should have option for versatility for multitasking without multiple software packages. • Customizable data reports, online help and answer wizards. • Should have option for data integrity along with advanced security measures. • Should have option to maintain security and regulatory compliance. • Embedded Oracle/SQL/ACCESS Data base. <p>Hardware</p> <ul style="list-style-type: none"> • Computer of standard make like HP, Dell or Lenovo should be supplied with following specifications: Processor: i3 or higher version; 4GB RAM, 1 TB or above hard drive; DVD Read write drive; LED colour monitor; 101 Keys key board; Mouse; With latest version of windows 7 Pro based operating software <ul style="list-style-type: none"> • Laser Jet Printer. • UPS 2KVA with half an hour battery backup. <p>Columns</p> <ul style="list-style-type: none"> • Analytical Column C-18 RP (250 x 4.6mm x 5µ) 1 No. • Semi-prep Column C-18 RP (150 x 7.8 mm x 7µ) 1 No. • <p>Optional</p> <ul style="list-style-type: none"> • Manual Sampling System should be quoted with manual sampling with 2050 and 200 µL loops and syringes. <p>Warranty Standard one year warranty and additional 3 year warranty must be quoted in optional. Warranty should include all the spare parts and consumables.</p>		
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(Tender opening format)

Name of the firm:- _____

Tender for supply of _____

NIT No. & Date:- _____

Technical specification/ literature attached:- Yes/No

Valid tax clearance certificate attached:- Yes/ No

Registration/ Authorization Dealership/
manufacturer certificate attached:- Yes/ No

Revenue stamp affixed. Yes/ No

Rates covered with transparent tape:- Yes/ No

Bid document fee deposited:- Yes/ No

Call Deposit Receipt enclosed:- Yes/ No.

Bid price in Indian Rupees:- Yes/ No

FOR Srinagar:- Yes/ No

Bid without correction/overwriting:- Yes/ No

Seal & Signature of the Supplier.

Annexure-B
BID FORM

From M/S.....

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To,

Chairman,
Central Purchase unit, NIT Srinagar.

Ref: NIT No.: NITS/CPU/ /2017-18 Dated:.....goods/Equipment for
.....Department

Sir,

With reference to above invitation for bids we would like to say that we have gone through your bid document thoroughly and hence offer our competitive Technical/Price Bid in sealed envelope for the supply of various goods/equipment listed in your document.

The following documents constitute our Bid.

- (a) Bid form
- (b) Price Bid schedule in the requisite format
- (c) Authorization dealer ship certificate from the manufacturer
- (d) Valid sales tax certificate
- (e) Technical literature for the goods/equipment
- (f) Names of organization where this equipment has been supplied. (Applicable for equipment whose unit price exceeds Rs.2.00 lacks
- (g) Bid security as mentioned in the schedule of requirements in the form of CDR drawn in favour of the Chairman Central Purchase Unit NIT Srinagar.
- (h) Telephone No.....

Kindly feel free for any enquiries and clarifications.

Yours Sincerely

(.....)

From M/S.....

Place.....

Date.....

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Annexure-C

Technical specification.

Name of Equipment /Goods : e.g., Tribometer

Make /Model/ Country of origin: e.g., Marus Tribometers and Instruments/ TR20-2013/

S. No.	Technical Specifications (as per. NIT/CPU/13/ aaaa-aaaa Advertised)	Technical Specifications of the Make /Model	Complies	Higher/Better (with detail quantification)	
				Higher/Better	Quantification
1			Yes	----	
2				Higher	
3					

