

INVITATION FOR QUOTATION

TEQIP-II/2015/NITECR/Shopping/108

22-Sep-2015

To,

Sub: Invitation for Quotations for supply of Goods

Dear Sir,

1. You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure I,

Sr. No	Brief Description	Quantity	Delivery Period(In days)	Place of Delivery	Installation Requirement (if any)
1	High Performance Liquid Chromatograph and its accessories	1	60	Department of Biotechnology, National Institute of Technology, Raipur, Chhattisgarh	Yes

2. Government of India has received a credit from the International Development Association (IDA) towards the cost of the **Technical Education Quality Improvement Programme[TEQIP]-Phase II** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.
3. Quotation,
 - 3.1 The contract shall be for the full quantity as described above.
 - 3.2 Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
 - 3.3 All duties and other levies payable by the supplier under the contract shall be included in the unit price.
 - 3.4 Applicable taxes shall be quoted separately for all items.

3.5 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.

3.6 The Prices should be quoted in Indian Rupees only.

4. Each bidder shall submit only one quotation.

5. Quotation shall remain valid for a period not less than **55** days after the last date of quotation submission.

6. Evaluation of Quotations,

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

6.1 are properly signed ; and

6.2 Confirm to the terms and conditions, and specifications.

6.3 The Tenderer / Bidder need to submit the following certificates along with the quotation to

- * Confirm their eligibility:

- * Proof of establishment of Firms/shop/business/manufacturing unit etc. and Dealership certificate from the principals etc.

- * A valid Sales Tax/Commercial Tax/Service Tax certificate should be enclosed

7. The Quotations would be evaluated for all items together.

8. Award of contract:

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

8.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

8.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

9. Payment shall be made in Indian Rupees as follows:

Delivery and Installation - 0% of total cost

Satisfactory Acceptance - 100% of total cost

10. All supplied items are under warranty of **12** months from the date of successful acceptance of items.
11. You are requested to provide your offer latest by **15:00** hours on **19-Oct-2015** .
12. Detailed specifications of the items are at Annexure I.
13. Training Clause (if any) **YES**
14. Testing/Installation Clause (if any) **YES**
15. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
16. Sealed quotation to be submitted/ delivered at the address mentioned below,
National Institute of Technology (Formerly Engineering College, Raipur) Raipur – 492 010
(Chhattishgarh)
17. We look forward to receiving your quotation and thank you for your interest in this project.

REGISTRAR

NIT RAIPUR

Annexure I

Sr. No	Item Name	Specifications
1	High Performance Liquid Chromatograph and its accessories	<u>Pump:</u> • Quaternary Pump should be designed for applications with standard HPLC columns. • Gradient formation should be based on High Pressure mixing principle • Hydraulic System: Dual pistons in series pumps • Composition precision: <0.2% RSD or better • Pressure Operating Range: 8500 psi or better. • Pressure pulsation: <2% amplitude at 1ml/min isopropanol or better. • Flow range: 0.05 – 5ml/min with 0.001ml/min increments for analytical scale HPLC analysis. • Flow precision: ≤0.07%RSD or better. • Flow accuracy: ± 1% at 100 bar • pH range: 1 to 12 or better, please mention any conditions applied. • Gradient formation: High Pressure binary mixing • Control: Automated <u>Degasser:</u> • Degasser with 4 channels having maximum flow rate 5ml/min per channel and with internal volume of 1ml/channel or better, should be compatible with pump specifications. <u>Manual Injector:</u> • Should be a low footprint and should be compatible to the pump specifications. <u>Column Compartment:</u> • Should have peltier cooling and heating facility. Should have spacious column racks for the fitting of two or more 30cm columns, should also contribute to the lower internal volumes and be compatible to the pump specifications. <u>Diode Array Detector:</u> • Detector type: Diode Array Detector with 1024 Diodes or better • Number of signals: 8 • Light Source: Deuterium / Tungsten lamp • Linearity: > 2.0 AU or better • Wave length range: 190 – 950 nm

		• Wavelength accuracy: ± 1nm or better • Slit width: Programmable between 1 to 16 nm. • Flow Cells: 10mm analytical flow cell <u>Refractive Index Detector:</u> • Refractive index range: 1.00 to 1.75 RIU • pH range : 2.3 to 9.5 or better • Flow cell volume : Analytical flow cell (approx 8 μl) • Short term Noise (ASTM): ± 2.5 n RIU or better • Drift: $< 0.2 \mu$ RIU/h • Zero adjustment: Automatic Zero before analysis • Polarity selection: Should be able to select polarity of measurements <u>Column</u> • Five columns for Analysis of Bio samples comprising of • 2 No's: Suitable C-18 columns for Reverse phase chromatography for most of the biotechnology related applications. Dimensions (150 x 4.6 x 3.5 microns) min • 2 No's: Suitable C-8 Columns for polar molecules analysis. Dimensions (100 x 4.6 x 3.5 microns) min • 01 in no chiral column for enantiomer separation (Normal Phase). Dimensions (100 x 4.6 x 3.5 microns) min <u>Software:</u> Software provided should be fully compatible to operate Diode Array Detector will 3D spectra's. All modules in the systems should be compatible with the high pressure as stated. <u>Essential Accessories:</u> • UPS 2 KVA with 30 Min Back up minimum. • Instrument should be supplied with windows 7 or above branded PC and colour laser printer compatible to software and system. • Sonication unit with following features ○ Fully Stainless Steel (SS) Body & SS Tank ○ Digital Timer ○ Operating frequency 33 $\pm$ 3 KHz ○ Micro controller based timer ○ Compact, rugged and highly durable system with Standard supply of LID, basket etc. ○ Capacity : 1.5 liters or more <u>Pre-installation requirements & filters & accessories for HPLC:</u> 1. Solvent Filtration Assembly Glass / SS (upper part) with 2 Lit. Bottom Flask (Glass) 2. Nylon 66 Membrane Filter dia: 47mm x 0.45u (Pk of 100 Nos) 3. Vaccum Pump:
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		Flow - 15 LPM, Vacuum- 22" Hg (554 mm) Max. Pressure-25 PSig, 1/20 HP 4. Sample Filtration Kit: Dia : 13mm S. S. Filter Holder Nylon 66 Membrane Filter Dia 13mm x 0.2u (Pk of 100 Nos) Rheodyne Needle 5ml Glass Hypodermic Syringe <u>Certification required:</u> • ISO-13485:2003, ISO-9001:2008, ISO-14001:2004 • CE
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Note : Quoted system must be supplied in Central Government organizations, IIT, NIT etc and provide minimum 5 performance statements/satisfactory certificate of last three years for the same on the letter head containing e-mail address and telephone no.

FORMAT FOR QUOTATION SUBMISSION

(In letterhead of the supplier with seal)

Date: _____

To:

Sl. No.	Description of goods (with full Specifications)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	Sales tax and other taxes payable	
						In %	In figures (B)
Total Cost							

Gross Total Cost (A+B): Rs. _____

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. ————— (Amount in figures) (Rupees —————amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of ————— months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: _____

Address: _____

Contact No: _____