



**INDIAN INSTITUTE OF TECHNOLOGY
KHARAGPUR – 721 302**

Tender Notice No. 19 /2011-12, dated 30.01.2012

Sealed bids are invited for the Procurement of Analytical cum Semi-preparative HPLC for Department of Biotechnology.

Tender document and details be kindly seen and downloaded from the Institute website www.iitkgp.ac.in (link : tenders and quotations).

Last date for submission of sealed bids is March 01, 2012 by 2.30 p.m.

No. IIT/S&P/ENQ/NWP/HPLC/BT/2011-12
Date : 30.01.2012

Deputy Registrar (S&P)
for Director, IIT Kharagpur



INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR – 721 302

No. IIT/S&P/ENQ/NWP/HPLC/BT/2011-12

Date : January 30, 2012

Sub : Procurement of Analytical cum Semi-preparative HPLC

Tender Notice No. 19 / 2011-12, Dated 30.01.2012

Indian Institute of Technology Kharagpur, an Institute of National Importance, invites sealed bids from reputed manufacturers or their authorized Distributors / Dealers, for Procurement of Analytical cum Semi-preparative HPLC for Department of Biotechnology.

Interested parties may submit their sealed bids under Two-cover system as per **Technical Specifications** given at **Annexure I**, and **General Terms & Conditions** given at **Annexure II**. Bidders are required to submit their **Details** in the format given at **Annexure III** along with their technical bids. They are also required to submit a signed **Declaration** in the format given at **Annexure IV**. A **Checklist** and **Compliance statement** against each item of Annexure I & III thereon severally & individually shall also be submitted. Kindly refer to the Institute website www.iitkgp.ac.in [link: tenders & quotations] for complete tender details. Parties who are not enlisted with the Institute are also required to submit Form R1 along with the tender.

The tender be sent in a sealed packet, containing two separate sealed envelopes (one each for **Technical Bid and Price Bid**) along with prescribed tender fee and Earnest Money Deposit (EMD) duly superscripted with **Tender Notice No. 19 /2011-12 dated 30.01.2012**, to the **Office of the Deputy Registrar, (Stores & Purchase Section), Indian Institute of Technology Kharagpur, P.O. Kharagpur Technology, PIN 721 302 on or before 01.03.2012 by 2.30 p.m.**

For any query pertaining to this bid document, communication be address to Head, Department of Biotechnology, Indian Institute of Technology, Kharagpur-721302 [Ph.: 03222-282248, 283756]

The technical bid will be evaluated first and price bids will be opened only in respect of those OEM/Vendor, who are found technically qualified after evaluation of Technical bids.

The **Technical bids will be opened on 01.03.2012 at 3.30 p.m.** in the Office of Head, Department of Biotechnology, Indian Institute of Technology Kharagpur.

Copy to :

1. Institute website
2. Notice Board

Deputy Registrar (S&P)
For Director, IIT Kharagpur

Specifications :

Sl.No.	Description Stores	Qty.	Unit Price	Total Price
	Analytical Cum Semi-Preparative HPLC System			
1	Binary Pump : (a) Flow rate range : 0.01 to 10,000ml/min in 0.001ml/Min increments (b) Maximum Pressure : 6000psi (c) Flow calibration : Programmable (d) Flow calibration : Programmable (d) The flush front panel design and tactile keypad for error free programming of pump parameter including flow rate, operating pressure limits, compressibility compensation, purge mode, calibration and diagnostics. (e) Operating pressure limits : Programmable high and low Pressure limits, user selectable in psi, bar, kpa. (f) Pulse free solvent delivery (g) Automatic seal wash and auto priming (h) Plunger guiding system : Floating, self aligning mount (i) Primary wetted surface materials : stainless steel, Sapphire, reinforced fluorocarbon polymer seals	2		
2	DAD Detector : (a) Wavelength range : 190nm to 900nm (b) Light source : Pre-aligned, deuterium and tungsten Lamps, dual lamp design for optimum sensitivity. (c) Lamp warranty : 2000hrs. (d) Resolution : 1.2nm per photodiode, with a total of 512 Photo diodes, digital, and optical (3D mode) (e) Wavelength accuracy : +/- 1nm (f) 3D spectral contract algorithm account for random system noise in spectral comparisons. (g) Data rate : Max up to 80 Hz (h) Digital Resolution : 1.2nm – 600nm (2D mode) (i) Baseline noise : 10×10^{-6} AU, at 254nm (j) Path-length : 10nm-standard	1		
3	Refractometer : (a) Refractive Index Range : 1 to 1.75RIU (b) Linear Dynamic Range : $< \%oper + 5 \times 10^{-4}$ RIU (c) Measurement Range : 7×10^{-9} to 5×10^{-4} RIU (d) Noise : $+1.5 \times 10^{-9}$ RIU (e) Flow cell : Fused quartz, cell volume : 10 μ l (f) Cell pressure limit : <100psi (g) Flow rate : 0.1 to 10ml/min, Analytical to narrow-baore Applications (h) Temp. Control : Internal oven , 30 to 55°C (i) Drift : $<+ 1.0 \times 10^{-7}$ RIU/hour	1		

4	Fluorescence detector : (a) Wavelength Range :- 200-890 nm (b) Excitation Emission wavelength Range :- 210 – 900 nm (c) Light Source :- Xenon lamp, 150W (d) Warranty :- 2000 hrs (e) Sensitivity :- Raman Peak or Water <800, Flowcell -8mL capacity. (f) Measurement Range :-0.001 – 100000 (g) Emission units :-0.001 – 10000 (h) We Need Fluorescence Detector With Auto Optimize Gain Diagnostics, Operators Quickly Learn How To Optimize The Detector's More Sensitive Setting For Their Specific Methods.	1		
5	Injector : (Rheodyne Injector) (a) Range 1 µl to 10 ml for analytical to preparative use (b) Premounted on stand alone panel (c) Supplied with syringe	1		
6	Software :			
7	Programmable Fraction Collector	1		
8	Gradient mixer and Pump Control Module	1		
9	C 18 Column : 4.6X300mm, 5µm	1+1		
10	Carbohydrate Analysis Column : 3.9X300mm, 4µm	1		
11	Amino acid Analysis Column & kit	1		
12	Peptide Analysis Column : 4.6X150mm, 3.5 µm	1		
13	Anion Exchange Column : 4.6X150	1		
14	Cation Exchange Column : 3.9X150	1		
15	A personal Computer & Printer	1		
16	Semi Preparative Cell And Extended Flow kit	1+1		

- (1) All solvent delivery systems, detectors, injector, recorder, components must be from the same manufactures.
- (2) Three years CMC is mandatory.
- (3) Software must be flexible for open access for fraction management and library management.
- (4) Only those manufacturers/their Indian Agents are eligible to quote who have supplied and installed at least 10 such equipments in India during the last 2 years and
 - (a) Provide the name of the Indian Agency who will be responsible for maintaining the equipment during the Entire period under Warranty and Comprehensive Maintenance Contract.
 - (b) Provide names of service engineer who are posted in India ; the service engineers should have been Trained at OEM's own unit.

GENERAL TERMS AND CONDITIONS

- (1) **Last Date of Submission of Sealed Bids: 01.03.12 upto 2.30 p.m.**

The Technical bids will be opened on 01.03.12 upto 3.30 p.m. in the Office of the Head, Department of Biotechnology, Indian Institute of Technology Kharagpur.

- (2) **Payment Terms:** 90% Payment shall be made after successful installation and commissioning duly certified by the concerned Head of the Department. Balance 10%, so retained shall be refunded after one month of the end of supply on submission of Bank Guarantee towards Performance Guarantee for equivalent value of Security Deposit valid for the three years Warranty Period plus sixty days drawn on any Commercial Bank. No advance is payable against supply of stores.

No advance/mobilization support, is payable against supply of stores.

In the event of failure to deliver the stores beyond the specified date, liquidated damages @ 1% per month or part thereof in respect of the value of stores will be deducted, subject to a maximum of 5%; alternately the order will be cancelled and the undelivered stores purchased from elsewhere at the risk and expense of the vendor.

- (3) **Warranty/Guarantee:** 03 (three) years from the date of receipt of materials.
- (4) **Delivery of Stores:** The store items be supplied within 30 days from the date of receipt of the Purchase Order.
- (5) **Tender Fee:** An amount of 2,000.00 (Rupees two thousand only) as tender fee (non refundable) is to be paid. The payment shall be made by Demand Draft from any Nationalized Bank and paid in favour of "Indian Institute of Technology Kharagpur", payable at Kharagpur. **Bids without Tender Fee will not be accepted. This should be enclosed separately in an envelope and stapled with the Technical Bid document superscribing Tender fee.**
- (6) **Earnest Money Deposit (EMD):** An amount of **50,000.00** (Rupees Fifty thousand only) in the form of Demand Draft drawn in favour of "**Indian Institute of Technology Kharagpur**", payable at Kharagpur as **E.M.D. should be enclosed separately in an envelope and stapled with the Technical Bid document superscribing EMD.** The validity of the EMD should be 6 (six) months from the date of issue. **Any bid without EMD will summarily rejected. No interest is payable on EMD.** EMD will be refunded to the unsuccessful bidder, finalization of the tender process. The EMD of vendor awarded with the contract to be treated as part of security deposit towards Performance Guarantee. No interest is payable on Security Deposit. Security Deposit shall be forfeited if the selected vendor after award of contract, fails to execute the same.
- (7) **Price:** The price shall be **quoted in Indian Rupees only**, on free delivery at site basis. This shall be inclusive of all taxes, and **summary cost** of total implementation be indicated.. Inter-state transit Way Bill (Form-50) will be issued only in favour of the bidder and address as mentioned in the Purchase Order.

- (8) **Bid:** Technical Bid and Price Bid should be submitted in two separate sealed envelope quoting reference number on the top of the envelope. Tender Fee and EMD should be enclosed with the Technical Bid documents, in separate sealed envelopes, stapled with the packet containing Technical Bid documents. The OEMs may either bid directly or authorize their Country/Regional/State Distributors /Dealers/Vendors, to quote with valid authorization certificate, capability to sale and service of the products.
- (9) **Acceptance of Tender:** The Authority of IIT Kharagpur does not bind itself to accept the lowest priced bid and reserves the right to reject any or the entire tender bids received without assigning any reason thereof. The authority may also decide to empanel more than one OEM or their certified authorized distributors/dealers and fix a price band for the product specifications offered by different companies/brands, compliant to minimum specifications asked in the tender.
- (10) **Extra Features:** If the bidder provides any other extra features which are not mentioned in the tender product specifications, then that shall be highlighted in clear terms, with documentary evidence/literature.
- (11) **Compliance List:** The proposal be properly indexed and a compliance list against the technical specifications should be provided.
- (12) **Conditional Offer** will not be accepted.
- (13) **Period of Validity:** Bids shall remain valid for acceptance for a period of 60 days from the date of opening of the price bid.
- (14) The benefit of any downward price revision (revision on account of budget/financial policy, tax revision, EPZ etc.) is to be given to IIT Kharagpur by the selected OEM/vendor.
- (15) **Past Performance of the Vendors will be judged at the time of Technical Evaluation.**
- (16) **The Institute does not bind** itself to offer any explanation to those bidders whose technical bids have not been found acceptable by the Technical Evaluation Committee of the Institute.
- (17) **Bidders should** enclose the following documents:
- (i) Certificate of Registration / Trade License
 - (ii) Enlistment form (R1), complete in all respect
 - (ii) Attested copy of PAN card, Service Tax, CST/VAT registration papers
 - (iii) Banker's Solvency Certificate.
 - (iv) Audited statement of accounts and IT returns for the last three years
 - (v) Authorized Distributors/Vendors must submit appropriate authorization certificate and letter from their OEMs, for participation in the said tender.
 - (vi) Name and address of past satisfactory supplies or minimum three clients to whom such items/stores have been supplied should be mentioned in the technical bid.
 - (vii) Copy of product literature, for which the prices have been quoted.
 - (viii) Signed copy of the tender document, with company seal, agreeing to the terms & conditions and declaration.

- (18) **All tenders are to** be dropped in a sealed box in the office of the Deputy Registrar (Stores & Purchase), IIT Kharagpur. The bids (technical and price bids) once submitted shall be the property of the Institute and shall not be returned to the vendor in future.
- (19) **The person/officer signing** the tender/bid documents should be delegated with an appropriate Power of Attorney (duly endorsed by a Notary Public) by the Chief Executive Office/Managing Director of the Company to sign such documents.
- (20) **Opening of Price Bids :** The Price Bid(s) of only those vendor(s) who are found technically qualified will be opened and the same will be opened before the technically qualified vendor(s). **The date for opening of price bids will be notified separately.**
- (21) Tenderer or his/her authorized representative (with proper authorization letter for attending opening of technical bids and also for opening of price bids) may choose to be present at the time of opening of Technical Bids/Price Bids.
- (22) **IMPORTANT**
1. Director may accept or reject any or all the bids in part or in full without assigning any reason and does not bind himself to accept the lowest bid. The Institute at its discretion may change the quantity/upgrade the criteria/drop any item or part thereof at any time before placing the Purchase Order.
 2. A bid submitted with false information will not only be rejected but also the OEM/vendor will be debarred from participation in future tendering process.
 3. The OEMs/Vendors need to submit a certificate during opening of technical bids that they are not currently debarred or blacklisted in IIT Kharagpur for any supplies, products or services, or at present in any national organization or educational institute/university.
 4. In case of any dispute, the decision of the Director of this Institute shall be final and binding on the bidders.
 5. For any query pertaining to this bid document, correspondence be addressed to :
Head of the Department
Department of Biotechnology
Indian Institute of Technology, Kharagpur-721 302
[Ph. : 03222-282248, 283756, Fax : 255303]
 6. In case the due date for opening tender happens to be a holiday, the same will be opened on the next working day. The timings will however remain unchanged. Please Note that the Institute remains closed on Saturday & Sunday.

Deputy Registrar (S&P)
for Director, IIT Kharagpur

TECHNICAL BID DOCUMENT

FORMAT TO BE FILLED BY THE MANUFACTURERS / INDIAN AGENTS (ON BEHALF OF THEIR FOREIGN PRINCIPLES) OR THEIR AUTHORIZED COUNTRY DISTRIBUTORS/ REPRESENTING DEALERS/ REGIONAL AGENCIES. SUBMITTING TENDER FOR SUPPLY OF ANALYTICAL CUM SEMI-PREPARATIVE HPLC FOR IIT KHARAGPUR

1. Name of the Tenderer :
2. Status of the Tenderer :
(attach documents, if registered company/partnership/proprietyship)
3. Whether OEM/representing foreign principle :
(attach copy of certificate/authorization)
4. Details of key top official/authorized official :
(attach details)
5. Details of tie-ups for supply/services, if any :
(attach details, agreements, escalation matrix)
6. Income Tax and Service Tax returns of previous three assessment year (copy) :
7. Financial status of bidder and/or his associates including Annual Report & Balance Sheet/Statement of Account of past three years with Registration of Companies (ROC) receipts duly authenticated by Chartered Accountant :
8. Current list/address of clients where similar material has been supplied and successfully working :
9. Name of the vendor's three largest clients, to whom similar products and services were extended & amount of transaction/annual bills to such clients :
10. Name and address of Vendor's bankers and attach a Solvency Certificate from the Bank for a minimum amount of Rs. 20.00 Lakh. :
11. Income Tax Permanent A/c No. (attach copy) :
12. **Details of EMD/Bank Draft No., issuing branch and date :**

Certified that all above information are correct to the best of my/our information, knowledge and belief.

Dated signature & seal of the Authorized person of OEM/Vendor

NOTE : This is to be submitted in a separate sealed envelope super scribing "TECHNICAL BID", Notice inviting Tender No. 19/2011-12 dated 30.01.2012 and name of the bidder. All technical documents like literature, catalogues etc., are to be put in the same envelope. Price bid of that company/firm only will be opened which do technically qualify, for further consideration. **Attach all relevant documents in the same serial order as above, properly indexed, duly signed and sealed.**

ANNEXURE - IV

DECLARATION

1. I, -----Son /Daughter of Shri -----
----- Proprietor/Partner/CEO/MD/Director/
Authorized Signatory of M/s. ----- am
competent to sign this declaration and execute this tender document.

2. I have carefully read and understood all the terms and conditions of the tender and
hereby convey my acceptance of the same.

3. The information/ documents furnished along with the above application are true and
authentic to the best of my knowledge and belief.

4. I/ we/ am are well aware of the fact that furnishing of any false information/
fabricated document would lead to rejection of my tender at any stage besides
liabilities towards prosecution under appropriate law.

5. Each page of the tender document and papers submitted by my Company is
authenticated, sealed and signed, and I take full responsibility for the entire
documents submitted.

Signature of the Authorized Person

Date : -----

Full Name : -----

Place : -----

Company Seal : -----

To
The Deputy Registrar
Stores & Purchase Section
Indian Institute of
Technology Kharagpur –
721 302 (WB)

Passport size
Photograph
of the Proprietor/
Partner/Authorised
signatory.

**SUB : ENLISTMENT AS A VENDOR OF THE
INSTITUTE**

Sir,

Details of particulars, as per your format are given below for your consideration and necessary action for **enlistment** with your Institute, as approved vendor.

1. Name of the Firm :
2. Status of the firm & Date of establishment :
(Proprietorship/Partnership/Joint Stock Company/
Private Limited Company/Public Limited Company/
Sole Distributor/Stockist/Dealer/Agent/ Reg. Society or NGO)
3. Name of the Proprietor/ Managing Partner :
Authorised Signatory/Chief Executive
4. Present Address (Head Office/ Registered Office) :
Phone /Fax /E-mail/ website/ Mobile contact)
5. Permanent address of the firm :
6. Do you have an office in Kolkata :
(if yes, give address and contact details)
7. Nature of stores being dealt with :
(range of product or category or group of items
proposed to be enlisted - enclose item
catalogue)
8. Are you registered with DGS&D, NCCF, NSIC, :
Kendriya Bhandar or any Govt./State Agency
9. Are you already registered with IIT Kharagpur :
(if yes, give details, Sr. No./date/year etc.)
10. Name and address of Banker / CBS Account :
 - (a) Name of the Bank
 - (b) Name/address/code of the Branch
 - (c) Account Number
 - (d) IFSC Code
 - (e) Enclose solvency certificate from Bank
 - (f) Does your Bank stands guarantee to your business

11. (a) Financial Capability (in rupees) :
(b) Annual turn over (last three years)
(c) Audited balance sheet (last three years)
(d) IT returns filed (last three years)
(e) TIN / VAT / ST Reg. No's.
12. Registration/Trade License Number and date :
(attested copy to be enclosed)
13. Drug licence number (if you deal with medicine :
chemicals, alcohol, spirit, lab reagents etc.)
14. Experience, with credentials :
(documents if any, to be enclosed)
15. Whether it is a Production Unit :
(if yes, please specify location and area,
number of skilled, semi-skilled & unskilled
employees, number of qualified Engineer and
list of machinery and facilities available,
whether in EPZ, availing any tax benefit etc.)
16. Whether having a Permanent Account Number :
(if yes, mention the ward number, circle and
Commissioner of Income Tax under which you
are registered, enclose copy of PAN card)
17. Specimen Signature of the Proprietor/ :
Authorized Partner/Chief Executive/Signatory

DECLARATION

I do hereby declare that all particulars furnished by me are true and correct to the best of my information, knowledge and belief. I understand that IIT Kharagpur can adopt any pre-qualification to identify suitable vendor(s) for a particular quotation/tender invitation and items, and conduct visit to our premises for verification. Mere submission of this registration form doesn't entitle us for any enquiry or award of work and I promise to be in the lookout for details in your website [www.iitkgp.ernet.in (link : tenders and quotations)]. I also undertake to inform you at the earliest any change in details mentioned above.

Encl:
Rubber Seal :

Name and signature of the Vendor/
Proprietor/Authorized Partner/CEO