

भारतीय प्रौद्योगिकी संस्थान इंदौर सिमरोल, खंडवा रोड, इंदौर, पिन- 453552

Indian Institute of Technology Indore Simrol, Khandwa Road, Indore- 453552

GeM Bidding Document For

Supply, Installation and Commissioning of HPLC System



Document to be submitted online on GeM for (Technical & Financial Bid as per Schedule of requirement)

अनुभाग-1 /SECTION - 1 विशेष नियम एवं शर्तें / SPECIAL TERMS AND CONDITIONS

- 1. Any bidder from a country sharing a land border with India will be eligible to bid in this tender only if the bidder is registered with the Department for Promotion of Industry and Internal Trade (DPIIT) as per vide Ministry of Finance OM No. 6/18/2019-PPD dated 23rd July 2020 and its subsequent amendments.
- 2. <u>Benefits to Micro and Small (MSEs)/Start-Up will be applicable</u> under PP Policy 2012 and its subsequent amendments for MSEs as per guidelines issued by Ministry of MSME.
- 3. The Public Procurement (preference to Make in India) will be applicable under Order 2017, DIPP, MoCI Order no. P-45021/2/2017-B.E.II dated 15th June 2017 and its subsequent amendments.
- 4. Payment: No advance payment will be made in any case. Payment will be released through bank NEFT/RTGS transfer after supply, installation testing, inspection & commissioning of the item(s) and if found satisfactory with regard to quality, quantity and specifications ordered. The payment will be released after statutory deductions within 30 days. For the payment, the firm has to submit Supplier's Invoice indicating, inter alia description and specification of the goods, quantity, unit price, total value; challans(s), manufacturer's guarantee certificate; bank details/cancelled cheque, installation report, performance bank guarantee etc. to the Assistant Registrar, MM Section, IIT Indore.

The payment terms will be:-

- (i) 80% of the unit cost will be paid against delivery of the goods received in good conditions at IIT Indore and accepted by the user department.
- (ii) 20% of the balance of each unit cost will be paid after Satisfactory Installation, Commissioning, Testing & Training (if required) of the IIT employees and submission of performance bank guarantee.

5. Performance Security:

- a. Within Fifteen days (or any other period mentioned in Tender Document or Contract) after the issue of Contract/Purchase Order by the Procuring Entity, the firm shall furnish to the IITI, performance security, valid up to <u>sixty days</u> after the date of completion of all contractual obligations by the contractor, including the warranty obligations.
- b. The <u>5%</u> amount of the order value shall be stipulated in Tender Document or Contract denominated in Indian Rupees or the currency of the contract and shall be in one of the following forms:
 - I. Unless otherwise stipulated in Tender Document or Contract, Account Payee Demand Draft or Fixed Deposit Receipt is drawn on any commercial bank in India, favoring the authority mentioned in therein (or FA&CAO of the Procuring Organization, if not mentioned).
 - II. Bank Guarantee issued by a commercial bank in India, in the prescribed form provided in Form X.
- c. If the contractor, having been called upon by the Procuring Entity to furnish Performance Security, fails to do so within the specified period, it shall be lawful for the Procuring Entity at its discretion to annul the award and enforce Bid Securing Declaration (in lieu of forfeiture of the Bid Security), besides taking any other administrative punitive action like 'Removal from List of Registered Suppliers' etc.

6. BANK DETAILS:

Account Holder : Registrar IIT Indore

Account No. : 36948979864
IFSC Code : SBIN0030524
Bank Name : State Bank of India

Branch Address: Simrol, Khandwa Road, Tehsil- Mhow, District- Indore (M.P.)

- 7. Pre dispatch Inspection (If required/asked) The firm should arrange the pre-dispatch inspection prior to packing & dispatching of the item if asked by the IIT Indore/BU Jhansi/NIT Kurukshetra/Vikram University, Ujjain. The firm should share the entire details of the quoted items with original images, catalog and schematic diagrams before packing. Virtual/Online or physical inspection may be done by the IIT Indore/BU Jhansi/NIT Kurukshetra/Vikram University, Ujjain technical committee.
- 8. Items should be delivered only on working days (Monday to Friday) during office hours only i.e. between 10:00 a.m. to 05:00 p.m.
- 9. PRE- INSTALLATION: Please also mention the pre-installation requirements for the equipment like ambient temperature, humidity, civil work, weather specifications, power specifications, etc. When items are provided full performance satisfaction should be demonstrated.
- 10. Liquidated Damages:- As time is the essence of an order, the date of delivery should be strictly adhered to, otherwise the delivery in full or in part may not be accepted and penalty for late delivery will be imposed @ 0.5% (Half Percent) per week subject to a maximum of 10% of the total value of supply order & beyond 10% subject to approval of IIT Indore. In case of delay in satisfactory Installation Commissioning, Testing, Inspection, Certification etc. also the same rate of penalty shall be liable. Non- Delivery of material/service may lead to forfeiture of PBG and debarment of the supplier.
- 11. Delivery: Free delivery at IIT Indore/BU Jhansi/NIT Kurukshetra/Vikram University, Ujjain.
- 12. In case the equipment offered requires maintenance after the expiry of the warranty, please indicate the approximate cost of comprehensive and on-call basis maintenance and also the availability of local support or otherwise.
- 13. IIT Indore reserves the right to modify/alter/Insertion or deletion on any part of the tender document to ensure fulfillment of its material & service requirement at any stage.
- 14. The instructions about bidding given in this advertisement and the tender documents should be read thoroughly before bidding. IIT Indore reserves the right to accept or reject any or all quotations at any stage without assigning any reason whatsoever it may be.
- 15. **Breach of Terms and Conditions**: IIT- Indore reserves the right to accept or reject or cancel any or all inquiries or quotations at any stage without assigning any reason thereof. In case of cancellation of order due to Non-compliance of with Terms and Conditions and Breach of the Contract, no compensation will be paid towards the progress of order/procurement.
- 16. **Governing Law:** The order placed will be a contract between the supplier and the buyer and shall be governed by the laws of India and under the contract shall be taken by the parties only in Indore, M.P India to competent jurisdiction. All Domestic and International disputes are subject to Indore, M.P. jurisdiction only.
- 17. Please note clearly that the Bids sent through FAX, E-mail, by hand and/or by any post/courier shall not be accepted/ processed, in any case.
- 18. All other General Terms & Conditions will as per GeM GTC 4.0 v1.26.

19. All communications with respect to the tender shall be addressed only to:

Assistant Registrar (R&D),

Materials Management Section

6th Floor, Abhinandan Bhawan (West Wing),

Indian Institute of Technology, Indore

Khandwa Road Simrol, Indore- 453552

Tel.: 0731660- Ext. 5552/3551

Email: rndmms1@iiti.ac.in, somms@iiti.ac.in, arrnd@iiti.ac.in

- 20. The Quantity mentioned above is also indicative and might change in the final order.
- 21. Format for Price Breakup (FORM-XI) must be uploaded at the time of Price bid submission. Non-Compliance of the above condition by the bidders will amount to non-eligibility for which tender has been floated and its bid shall be liable to be rejected summarily.
- 22. General Instructions (From Packing at Supplier's factory to Installation at Purchaser's destination):
 - a) Site Preparation: The supplier should inform the Institute about the site preparation, if any, needed for the installation of equipment, immediately after the receipt of the purchase order. The supplier has to state in detail the floor Space, electrical power/UPS and air-condition requirements in the technical bid. The supplier should continuously monitor the pre-installation requirements and see that everything is ready before the equipment is transferred to the site for installation.
 - b) Packing and Transportation: The supplier should provide the Goods with high quality packing which can prevent their damage or deterioration during transport to their final destination. The packing should be able to withstand the rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage. While transferring the Goods to final destination, their packing case size and weights should be taken into consideration. Further, at all transit points, the heavy handling facilities should be used for smooth handling purposes.
 - c) Insurance: The Goods supplied under the Contract should be fully insured in Indian Rupees against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery. The insurance shall be obtained by the suppliers in an amount equal to "the value of the goods + the value total tax" from "warehouse to warehouse" (final destinations) on "all risks" basis including war risks and strikes.
 - d) Delivery and Unloading: The equipments should be delivered to IIT Indore/BU Jhansi/NIT Kurukshetra/Vikram University, Ujjain as per the delivery period mentioned in the Purchase/Contract Order. The supplier should ensure to unload all the materials (equipment and other related accessories etc.) to the installation site at IIT Indore/BU Jhansi/NIT Kurukshetra/Vikram University, Ujjain. Unloading of the goods at IIT Indore/BU Jhansi/NIT Kurukshetra/Vikram University, Ujjain is the responsibility of the supplier. No manpower will be provided by IIT Indore/BU Jhansi/NIT Kurukshetra/Vikram University, Ujjain.
 - e) Installation and Demonstration: Installation should be done by the supplier at free of cost within 04 weeks from the date of delivery of the item. Installation, complete interfacing of the system with its subsystems, and commissioning is to be carried out by the vendor's factory-trained engineers, followed by a demonstration of the system's performance fully to the user's satisfaction. Supplier should show the performance of the equipment as per specifications agreed based on claims made in their brochures or specification sheet.

- f) Inspection: The inspection of the system will be done by an IIT Indore/BU Jhansi/NIT Kurukshetra/Vikram University, Ujjain technical expert in the presence of the supplier's representative. In case of receipt of the material in short supply or damaged condition, the supplier will have to arrange the supplies/replacement of goods free of cost pending the settlement of the insurance case wherever applicable on FOR basis at IIT Indore/BU Jhansi/NIT Kurukshetra/Vikram University, Ujjain.
- g) Warranty: The warranty period should begin from the date of successful installation. commissioning and training at IIT Indore/BU Jhansi/NIT Kurukshetra/Vikram University, Ujjain. Main equipment and all accessories must have comprehensive warranty, and warranty should cover all parts & labour work involved. Supplier will have to undertake comprehensive maintenance of the entire hardware components, software, equipment, support and accessories supplied by the supplier at the place of installation of the equipment. The supplier warrants that all the Goods are new, unused, not substandard and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the contract. The supplier further warrants that all Goods supplied under this contract will have no defect arising from design, materials or workmanship. The defects, if any, during the guarantee/warranty period are to be rectified free of charge by arranging free replacement wherever necessary. Collecting faulty Hardware from onsite and provisioning the replacement of hardware under warranty at onsite should be the responsibility of the supplier. If the supplied material is not used during the service period for replacing the faulty item, the supplier should extend the warranty period equal to the period during which material is not used.
- h) Training (if required/asked): Onsite training should be provided by the supplier at free of cost to the users designated by IIT Indore/BU Jhansi/NIT Kurukshetra/Vikram University, Ujjain on all specified capabilities of the instrument by the company person. Training should be provided each year during the warranty period. During training the hardware, software, operation, safety procedure, handling emergency situations and maintenance of the instruments should be explained.

ADVISORY ON FRAUD CALLS/MESSAGE MADE IN THE NAME OF IIT INDORE

- (a) This is to inform you that no officials from the IIT Indore make any telephone calls/messages/emails/WhatsApp seeking personal or irrelevant information from the bidder. In case any additional documentation is required from bidder, it is sought only through the official email(s) originating from the institute's domain name, i.e. @iiti.ac.in.
- (b) No tender/application/documentation fee is applicable for any type of the tender being floated by this institute.
- (c) The IIT Indore hereby advises all the bidders to refrain from entertaining any suspicious telephone calls /messages/emails/whatsapp made in the name of IIT Indore asking for money on behalf of the institute. They are also advised not to reveal any personal information or transfer any money in response to such calls/messages/emails/whatsapp.
- (d) Moreover, they should bring such matters to the notice of the institute viz email to mms@iiti.ac.in.
- (e) In case any bidder responds and becomes pray to any such fraudulent communication the responsibility shall not lie with this institute.

Assistant Registrar(R&D) MM Section, IIT Indore विभाग) (अनुसंघान एवं विकास समित्रिकार

Assistant Registrar
(R&D-Materials Management Section)

अनुभाग-2 / SECTION- II

आवश्यक योग्यता मानदंड/Essential- Qualification Criteria

<u> भाग – 1 /PART - I</u>

LIST OF DOCUMENTS TO BE UPLOADED WITH TECHNICAL BID

SI. No.	Details	Supporting Document Should be Submitted	
1.	Bidder Information	As per enclosed FORM – V	
2.		Valid certificate of Incorporation/ Registration of the firm.	
3.	Bidder should submit a valid manufacturers authorization (in case bidder is not an OEM) and warranty support declaration from the OEM specific to this tender.	The same should be on the Letterhead of the concerned OEM. In case of Authorized- distributor/ dealer/ firm, a copy of the valid authorization certificate shall be enclosed. (As per FORM – I) Note- Offer submitted without proper authorization shall be liable to be rejected summarily.	
4.	Udyam Certificate if bidder claim MSEs should be as per GeM_GTC Clause 04, Point no (xiii), m, (i) Note- Exemption for MSME's under this clause shall be given to only those bidders who are OEM and have a valid UDYAM certificate with major activity as "Manufacturing". (Traders/Authorized dealers shall not be eligible for any exemption).	Self-certified copies of documents.	
5.	Startup Certificate if bidder claim as a startup to this tender item.	Self-certified copies of documents.	
6.	WORK EXPERIENCE: The Vendors / Bidders should have work experience as per the following parameters. Three similar completed work costing not less than Rs. 28,35,000/- in last 3 (Three) financial years for any Govt./Semi Govt./Centrally Funded Technical Institutes (CFTI) which includes IITs, IISERs, IIMs, NITs, IIITs, IISc and IIEST, CSIR Institutes, Central Universities and /or DAE Institutes (NISER, TIFR).	Work orders and satisfactory completion valid certificates issued by respective buyer organization of the above order in support of experience to be enclosed. Without submission of completion certificate the experience will not be considered. The valid certificate should be in Letter Head of the concerned government organization with	

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	Two similar completed work costing not less than Rs. 37,80,000/- in last 3 (Three) financial years for any Govt./Semi Govt./Centrally Funded Technical Institutes (CFTI) which includes IITs, IISERs, IIMs, NITs, IIITs, IISc and IIEST, CSIR Institutes, Central Universities and /or DAE Institutes (NISER, TIFR). OR One similar completed work costing not less than Rs. 66,16,000/- in last 3 (Three) financial years for any Govt./Semi Govt./Centrally Funded Technical Institutes (CFTI) which includes IITs, IISERs, IIMs, NITs, IIITs, IISc and IIEST, CSIR Institutes, Central Universities and /or DAE Institutes (NISER, TIFR).	
	Note: Similar work means Supply, Installation and Commissioning of HPLC System module.	
7.	List of other Govt. Departments, Public Sector units and Central Autonomous Bodies for which the bidder is supplying material or having the similar type of contracts and a valid certificate regarding the satisfactory performance of the contract.	As per enclosed FORM VI
8.	Bidder Acceptance of Tender Document	As per enclosed FORM VII
9.	The bidder should not have been blacklisted by any Government / Semi Government / Board /Corporations /Autonomous Body/ PSU. An undertaking/declaration in this regard should been closed. If any such matter i.e. of blacklisting /suspension is subjudice, even then the concerned firm shall be technically disqualified. "If any one or more Partner/ Directors of any debarred/blacklisted agency promotes or forms a new contracting firm or a sister-concern firm of the said debarred/blacklisted agency, then it shall also be considered as a debarred /blacklisted firm". The quoted products should not be under end	As per enclosed FORM IV As per enclosed FORM XII
	of sales or end of support in next 05 (five) years from the date of submission.	AS PER ENCIOSED FUKMI XII
11.	FINANCIAL TURNOVER: The Bidder Annual Financial Turnover should more than Rs. 94,00,000/- during the last three financial years namely 2022-23 2023-24 and 2024-25. And In case of OEM, the Average Annual Turn	As per enclosed FORM VIII and Attach a separate neatly typed sheet on the letter head of Registered Chartered Accountant OR enclose copies of audited Balance Sheet and Profit & Loss Statement for the
	Over should be Rs. 3,78,00,000/- during the last three financial years namely 2022-23	previous 3 financial year as specified in bid document and further details if

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	2023-24 and 2024-25. The Vendors / Bidders should not have incurred any loss during the last 3 (Three) financial years upto 31 st March, 2025. Profit after Tax should be positive for the abovementioned period.	required may be asked from the contractor after opening of technical bids. There is no need to upload entire voluminous balance sheet.
12.	Make In India- Class-I or Class-II Local Supplier.	A Self-Declaration Certificate regarding "Class-I or Class-II Supplier" for the tendered item as per the Annexure- is to be submitted. As per enclosed FORM II However, the item is exempted under (The OM no. F/4/1/2023-PPF(pt) dated -14/02/2025 issued by ministry of finance, DoE under Rules 161(IV) of GFR-2017 for issuance of GTE for procurement of medical Devices is applicable to this tender) Accordingly, non-local suppliers can also participate.
13.	Price Reasonability Certificate (To be submitted on Firm/Company Letterhead)	As per enclosed FORM XIII
14.	Undertaking (To be submitted on Firm/Company Letterhead)	As per enclosed FORM XIV
15.	CATALOGUE: Firm should share the item wise catalogue of the offered product along with the technical bid.	Make and model no. of item must be mentioned along with detailed specification
16.	Solvency Certificate required of ₹ 75.61 Lakhs for bidder.	The certificate should be on the letter head of the bank. This certificate should have been issued within 6 months from original date of the submission of tender.
17.	Integrity Agreement: Signed Copy of the agreement should be submitted on the firm's letter head.	As per enclosed FORM XV.

Note:

1. Non-Compliance with any of the above conditions/points by the bidder will amount to non-eligibility for which tender has been floated and its bid shall be liable to be rejected summarily.

(Signature of the Tenderer/Owner)

Name:

Date:

अनुभाग-2 / SECTION- II तकनीकी विशिष्टता / Technical Specification भाग – 2 /PART - II

(Bidder should submit compliance matrix along with Technical Bid)

Item details and technical specifications as mentioned below: Supply, Installation and Commissioning of HPLC System.

1. Modular Analytical cum Preparative HPLC

Technical Specifications	Qty	Compliance Yes/No	Deviation if any
The Preparative HPLC system shall include the following individual stace	kable selt	f-contained mod	ules.
The HPLC system must be controllable, monitored, capable of performing system maintenance using Microsoft Internet Explorer web browser. Modules should be connected via fibre optic noise resistant high-speed transmission technology to enhance the reliability & sensitivity of HPLC			
Pump for Preparative & Analytical flow rates: 2 Nos			
 The pump should support both analytical as well as preparative flow rates in a single unit. 			
 Maximum operating pressure should be 40MPa or better 			
 Flow rate should be settable between 0.01mL/min to 150.00mL/min or better without any hardware changes 			
 Flow rate accuracy should be ±1% &precision ≤ 0.3% RSD 			
The gradient formation should be produced through low pressure mixing			
 It should be supplied with reservoir tray, solvent bottles, fittings etc. 			
It must have a leak sensor as safety feature			
 Pump should be capable of mixing solvents in different proportions for entire flow rate 			
Column Storage Compartment:			
Column storage compartment should be included with this system			
• It should be able to accommodate up to 4 Analytical columns of 4.6 X 300mm & 2 Preparative Columns of either 10/20/30/50 cm id with 300mm length. It should also be able to accommodate different flow line switching valves within this compartment.			
 Automatic flow line switching from Analytical to Preparative scale & vice versa should be possible. Also automatic switching between two columns should be possible. Appropriate switching valves with required accessories should be supplied as standard with this system 			
Specifications for Auto Sampler:			
Needle drive system should be arm movement in X-Y-Z directions			
 Injection method should be loop injection method 			
• It should have options for injection amount setting range such as 1 to 2000ul. It should be possibleto inject samples from Analytical Scale (10ul volume) to Preparative Scale (4ml volume). For this suitable syringe kit with appropriate loop etc. should be supplied as default			
 It should have provision to inject samples from 1.5-2 ml & 4-5ml vials 			
 Injection reproducibility should be ≤ 1% RSD 			
A set of 100 vials with caps each for 1.5-2ml& 4-5ml should be provided			

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Needle rinse capability both before and after sampling should be possible	
 Purging of syringe & rinsing of needle interior as well as exterior should be possible 	
Specifications for Fraction Collection Functions:	
Preparative valve drive of fraction collector should have arm movement of X-Y-Z	
Preparative method should be on valve based preparation	
It should be able to handle flow rate of at least 150ml/min	
Fraction collector should be able to collect minimum 60 fraction.	
It should have facility to accommodate different range of trays for fraction collection.	
Should provide racks for 3.5ml, 20 ml with tubes.	
It should have fractionation methods such as time-based, peak-based, manual and simulation function	
Suitable sample trays &racks for this fractions collector should be provided.	
 The delay time from the detector to the fractionation head should be calculated automatically every time the flow rate is changed 	
Suitable glass test tubes should be provided	
Photodiode Array (PDA) Detector	
The wavelength range should be 190 nm - 800 nm or better	
The photo-diode array detector should have 1024 elements	
The detector should have variable slit width for high resolution as well	
as high sensitivity	
 A standard flow cell of 12μL volume 10 mm cell path length should be available. It shouldhave temperature control from 19°C to 50°C 	
 Preparative flow cell with variable path length for preparative applications should be provided 	
 Wavelength accuracy should be ≤±1 nm 	
 A deuterium lamp [D2] and a Tungsten lamp [W] should be available as Light Source for UV and visible wavelengths respectively. 	
 The selection of light source should be flexible to select D2, W or both lamps for analysis 	
• The Drift should be smaller than 0.9x10 ⁻³ AU/Hour or better	
• The Noise Level should be smaller than 7x10 ⁻⁶ AU or better	
Linearity should be 2.0 AU or better (ASTM method)	
• It should have a self-aligning mechanism for the light sources and cell.	
 Light sources and cell should be accessible from the front for easy 	
maintenance.	
Chromatographic Software	
 Genuine Windows based software for control of Preparative LC system should besupplied along with this system. It should be possible to perform all functions of Preparative LC system with this software. 	
It should cover full one-point digital instrument control, qualitative	
and quantitative processing, report creation and self-diagnosis	
The data should be convertible to other formats. Spread Sheet	
software and word-processing software can be readily employed to	
provide data in tables or graphs through industry standard protocols	
 It should have sample rescue function in the event of interrupted 	

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analysis or when instrument erroroccurs		
Operation of the system should be very easy and intuitive via a state- of-the-art 64 bit Windows 10 based software		
 System suitability, System security as well as System check functions must be provided which comply with Good Laboratory Practice (GLP) and Regulatory Conformity, 21 CFR Compliance. 		
Service, Warranty and Training		
Tendered price should include delivery, installation, commissioning		
and training (at least 4 users) at supplier's location.		
 Comprehensive warranty for complete equipment for a period of 12 months should be provided. This shall include the following at no extra cost: 		
Travel and Labour expenses of Customer Engineer		
Service Parts used for repairs		
Vendor to provide service guarantee: should the system require		
service during the warranty period, vendor must guarantee turn-around-time within 24 hours		
Vendor to provide a copy of Site-Preparation checklist		
 Vendor must demonstrate that it has a proven appropriate set-up and capability to provide after- sales service efficiently and effectively. The supplier should have in his facility a similar system tothat proposed in this 		
tender for training purpose		
One Analytical C-18 Column (5um, 4.6x250)		
One Preparative columns: One C18 Columns (5um, 20mmx250mm)		
All required kits, tubings, joints, tool kit etc. essential for running &		
maintenance of the system shall be supplied along with the system.		
 The vendor must be reputed one having experience of at least 10 years for supply of HPLC & Preparative LC systems 		
Optional Item:		
Fluorescence Detector		
Light Source :Xenon Lamp		
Wavelength range: 200 to 650 nm		
Spectral bandwidth: 20nm		
Accuracy: ±2 nm		
Wavelength reproducibility: 0.2 nm		
Signal to Noise Ratio (S/N): Water Raman peak S/N 1000 min.		
Flow cell temperature range: Room temp10 to 40°C	1	
Flow cell volume- 10µl		
Refractive Index Detector		
Refractive Index Range-1 -1.75 RIU	ii i	
 Range: A mode: 0.01 to 500 μRIU , P and L modes: 1 to 5000 μRIU 		
• Noise Level- < 3nRIU		
Drift- <0.1u RIU/hr		
Temperature control of cell unit - 30 to 60°C		
Operating flow rate – 10 ml/Min		
Call agrapitus 0 ml		
• Сеп сарасіту – 9 ді		

2. High-Performance Liquid Chromatography System (HPLC) with Photo Diode Array Detector and Refractive Index -detector with Accessories.

Technical Specifications	Qty	Compliance Yes/No	Deviation if any
1. General Hardware Specifications:			
The HPLC system should be with all units i.e. solvent delivery pump, auto			
sampler, PDA Detector and column oven, Degasser readily available.			
Usable solvent types should include both organic and aqueous solutions			
Operable pH range should be 1 to 13			
 Automated functions like time-controlled instrument auto-start-up & Shut 			
down, auto purge and automatic validation should be available as Standard			
features.	1		
The system should include intelligent feature that capable of carrying out			
auto-diagnostic on system status to detect air bubble formation, and perform			
auto- purging to remove air bubble to restore system pressure.	-		
• The system should include intelligent feature to automatically halve or user-settable value of the setting flow rate to protect column.			
2. Quaternary Gradient Solvent Delivery Unit with Degassing Unit:	-		
It should be a Quaternary Low-Pressure Gradient pump & Parallel Double			
Plunger.			
The flow rate should be set between 0.0001 to 10 ml/min			
System pressure range should be at least 7000 psi or above.			
Flow rate accuracy should be ±1%			
• Flow rate precision should be less than ±0.06% RSD			
 The Gradient accuracy should be below 0.5% & Gradient precision below 0.1% RSD 			
Degassing unit should have 4 lines or above. Degassing for auto sampler			
rinsing is preferred.			
3. Auto-Sample Injector:			
 The auto sampler design should be a total sample injection design with 			
variable injection volume			
 Sample injection volume should be variable between 0.1 μl to 100 μL. 			
The Carry over must be below 0.0025 %			
 Injection volume accuracy must be below 1% 			
The injection precision should be less than 0.25% RSD			
 Temperature setting range should be from 4 to 45° C 			
Sample capacity -200 vials of 1.5 ml			
Injection Cycle time: 15 sec or less			
Auto pre-treatment function on injector should be available, which should hav	e featu	res like:	
Ability to do Dilution: 2-100 times dilution should be available.			
Should be Able to spike the set volume of internal standard or reaction			
reagent.			
Co-injection – Analysis with co-injection function should be available.	ļ.,		
4. Column Oven:			
It should be forced-air-circulation type for uniform temperature			
distribution with a quick feedback mechanism to maintain constant			
temperature level			
• The temperature control range should be room temp. minus 12°C to 90°C	-		
Temperature setting in steps of 1°C The setting in step in			
 Temperature accuracy should be ±0.8° C & Temperature control precision should be <0.2°C 			
Column oven should be able to accommodate 3 column of 250mm and 6			

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6 column of 100mm.	f f
5. Photo Diode Array Detector: A Programmable Photo Diode Array Detec	ctor should be offered with the
following Specifications:	
Wavelength Range: 190-800 nm	
Spectral Resolution: 1.4nm	
No of photo PDA Elements: 1024 Photodiodes	
Wavelength Accuracy <+/- 1nm	
Slit Width: 1.2nm (high resolution mode), 8nm (high sensitivity mode)	
Device Resolution: 0.6nm/pixel	
Sample Rate up to 100Hz	
Linearity should be up to 2 AU	
Noise level should be <+/- 3 x 10-6 AU	
• Drift: <+/- 500 x 10-6 AU/h	
Flow cell-Should be Temperature controlled.	
Detector has to enable the user to virtually separate two co-eluting or	
merged peaks, without having chromatographic separation. This feature can	
be extensively used in impurity profiling.	
Dynamic Range Extension Calculation – This feature enables the user to	
extend the detector range beyond the detector's detection limits. This can	
be profoundly used in Forced degradation studies, where the impurity	
concentration is very low as compared to the main peak.	
6 Refractive Index Detector	
Refractive Index Range-1 -1.75 RIU	
• Range : A mode: 0.01 to 500 μRIU , P and L modes: 1 to 5000 μRIU	
Noise Level- < 3nRIU	
Drift- <0.1u RIU/hr	
Temperature control of cell unit - 30 to 60°C	
Operating flow rate – 10 ml/Min	
Cell capacity – 9 μl	
7 Chromatography Software:	
 Operation of the system should be very easy and intuitive via a state-of- 	
the-art 64 bit Windows 10 based software	
• It should cover full one-point digital instrument control, qualitative and	
quantitative processing, report creation and self-diagnosis	
The data can be converted to other (AIA, ASCII) formats. Spread Sheet	
software and word-processing software can be readily employed to provide	
data in tables or graphs through industry standard protocols	
Software must register all events (log files) audit trails for Data,	
Method, Batch, Report, System Policy and User Administration	
Software must display the online status of instruments (Name, Type,	
Analysis, Status, User Running, Queued Count, Estimated End time) & In-	
built pdf generator feature	
Functions to check PC Information, Software Program Files Check, User	
List, User Groups, Group Rights, Security Policy, Instrument Connection	
information from software and printable in pdf format	
System suitability, System security as well as System check functions	
must be provided which comply with Good Laboratory Practice (GLP) and	
Regulatory Conformity	
8 The complete HPLC System should be under warranty for at least 3	
years from the date of Installation.	
9 Column.	
• C18 column- 250mm, 4.6mm ,5µm- 1 No.	

TENDER No.: IITI(MM)/BSBE/116/PRJ/AJ/2025-2026 **Optional:** Compliance Deviation **Technical Specifications** Qtv Yes/No if any Columns and Accessories Analytical Columns: - C18 (ODS): 4.6 × 250 mm, 5 µm – 2 units (universal phytochemical profiling). - Phenyl-Hexyl: 4.6 × 150 mm, 4 µm – 1 unit (aromatic compounds). - HILIC (Amide): 4.6 × 150 mm, 3 μm – 1 unit (polar compounds). $_{\circ}$ - C30: 4.6 × 250 mm, 3 μ m – 1 unit (carotenoids, pigments). -- Guard Columns: Matching stationary phase - 1 set each. · Accessories: Filtration assembly, solvent inlet filters, degassing unit, waste container, tubing startup kit. HPLC sample vials, Syringe filters, Guard columns, Inline filters, Solvent filtration assembly, Tubing & fittings, Syringes, Pump seals & pistons, Autosampler syringe & needle, Deuterium lamp (for PDA), Flow cell seals / gaskets, Inline solvent filters (0.5 µm), Waste tubing set, Ferrules, fittings, nuts, Column end plugs, Detector flow cell cleaning kit, Leak sensors / tubing set **Analytical Standards** Gallic acid Berberine chloride Caffeine Caffeic acid **Piperine** Eugenol Vanillic acid Ferulic acid Curcumin Glycyrrhizin Kaempferol Chlorogenic acid Quercetin Ursolic acid Apigenin Rutin Oleanolic acid Ellagic acid Tannic acid Thymol Catechin Cinnamaldehyde | Allicin / Ajoene Ascorbic acid **Solvents and Reagents** (HPLC-Grade) Chemical / Reagent Methanol Ammonium formate TFA Acetonitrile Ethanol Chloroform Formic acid n-Hexane Acetic acid

3. High-Performance Liquid Chromatography System (HPLC) with Photo Diode Array Detector with Accessories.

Ethyl acetate

Ammonium acetate

Technical Specifications		Compliance Yes/No	Deviation if any
1. General Hardware Specifications:			
• The HPLC system should be with all units i.e. solvent delivery pump, auto sampler, PDA Detector and column oven, Degasser readily available.			
Usable solvent types should include both organic and aqueous solutions			
Operable pH range should be 1 to 13			
 Automated functions like time-controlled instrument auto-start-up & Shut down, auto purge and automatic validation should be available as Standard features. 			
• The system should include intelligent feature that capable of carrying out auto-diagnostic on system status to detect air bubble formation, and perform			

TENDED N.	. (ITI/IIII)/DODE/446/DD U4 1/000E 0000		
1	.: IITI(MM)/BSBE/116/PRJ/AJ/2025-2026	7	
	to remove air bubble to restore system pressure.		
	m should include intelligent feature to automatically halve or user-		
	e of the setting flow rate to protect column.		
	aternary Gradient Solvent Delivery Unit with Degassing Unit:		
	be a Quaternary Low-Pressure Gradient pump & Parallel Double		
Plunger.			
	rate should be set between 0.0001 to 10 ml/min		
	pressure range should be at least 7000 psi or above.		
	e accuracy should be ±1%		
Flow rat	e precision should be less than ±0.06% RSD		
• The Grad	dient accuracy should be below 0.5% & Gradient precision below		
 Degassir rinsing is pre 	g unit should have 4 lines or above. Degassing for auto sampler ferred.		
3. Auto-Sa	mple Injector:		
The auto	sampler design should be a total sample injection design with		
variable injec			
Sample i	njection volume should be variable between 0.1 µl to 100 µL.		
The Carr	y over must be below 0.0025 %		10
 Injection 	volume accuracy must be below 1%		
The injection	tion precision should be less than 0.25% RSD		
	ture setting range should be from 4 to 45° C		
	apacity -200 vials of 1.5 ml		
	Cycle time: 15 sec or less		
	etment function on injector should be available, which should		
have feature			
Ability to	do Dilution: 2-100 times dilution should be available.		
	e Able to spike the set volume of internal standard or reaction		
reagent.			
	ion - Analysis with co-injection function should be available.		
4. Column			
	be forced-air-circulation type for uniform temperature rith a quick feedback mechanism to maintain constant level		
	perature control range should be room temp, minus 12°C to 90°C		
1-20	ture setting in steps of 1°C		
	ture accuracy should be ±0.8° C & Temperature control precision		_
should be <0.	2°C		
column of 100			
should be offe	ode Array Detector: A Programmable Photo Diode Array Detector ered with the following Specifications:		
	gth Range: 190-800 nm		
 Spectral 	Resolution: 1.4nm		
No of pho	oto PDA Elements: 1024 Photodiodes		
	gth Accuracy <+/- 1nm		
- California de la companio del companio de la companio della comp	: 1.2nm (high resolution mode), 8nm (high sensitivity mode)		
Geo.	esolution: 0.6nm/pixel		
150			
Sample R	ate up to Tuuhz		

TENDER No.: IITI(MM)/BSBE/116/PRJ/AJ/2025-2026	
Noise level should be <+/- 3 x 10-6 AU	
• Drift: <+/- 500 x 10-6 AU/h	
Flow cell-Should be Temperature controlled.	
Detector has to enable the user to virtually separate two co-eluting or merged peaks, without having chromatographic separation. This feature can be extensively used in impurity profiling.	
Dynamic Range Extension Calculation – This feature enables the user to extend the detector range beyond the detector's detection limits. This can be profoundly used in Forced degradation studies, where the impurity concentration is very low as compared to the main peak.	
6. Chromatography Software:	
Operation of the system should be very easy and intuitive via a state-of-the-art 64 bit Windows 10 based software	
It should cover full one-point digital instrument control, qualitative and quantitative processing, report creation and self-diagnosis	
The data can be converted to other (AIA, ASCII) formats. Spread Sheet software and word-processing software can be readily employed to provide data in tables or graphs through industry standard protocols.	
Software must register all events (log files) audit trails for Data, Method, Batch, Report, System Policy and User Administration	
Software must display the online status of instruments (Name, Type, Analysis, Status, User Running, Queued Count, Estimated End time) & In-built pdf generator feature	
 Functions to check PC Information, Software Program Files Check, User List, User Groups, Group Rights, Security Policy, Instrument Connection information from software and printable in pdf format 	
System suitability, System security as well as System check functions must be provided which comply with Good Laboratory Practice (GLP) and Regulatory Conformity	
7. The complete HPLC System should be under warranty for at least 3 years from the date of Installation.	
8. Column- • C18 column- 250mm, 4.6mm ,5μm- 1 No.	

4. High Performance Liquid Chromatography System (HPLC) with Photo Diode Array Detector, Refractive Index and Fluorescence detector with Accessories.

Technical Specifications	Qty	Compliance Yes/No	Deviation if any
General Hardware:			
• The HPLC system should be with all units i.e. solvent delivery pump, auto			
sampler, PDA Detector, Fluorescence Detector and Refractive Index Detector			
and column oven, Degasser readily available.			
 Usable solvent types should include both organic and aqueous solutions 			
Operable pH range should be 1 to 13			
 Automated functions like time-controlled instrument auto-start up, auto purge and automatic validation should be available as Standard features 			
• The system should include intelligent feature that capable of carrying out auto-diagnostic on system status to detect air bubble formation, and perform auto- purging to remove air bubble to restore system pressure.			
The system should include intelligent feature to automatically halve or user-settable value of the setting flow rate to protect column.			
Quaternary Gradient Solvent Delivery Unit with Degassing Unit:			
• It should be a Quaternary Low-Pressure Gradient pump & Parallel Double Plunger.			
 The flow rate should be set between 0.001 to 10 ml/min 			
 System pressure range should be at least 10000 psi or above. 			
 Flow rate accuracy should be ±1% 			
Flow rate precision should be less than ±0.06% RSD			
 The composition accuracy should be below 0.5% & composition precision below 0.1% RSD 			
 Degassing unit should have 4 lines or above. Degassing for auto sampler rinsing is preferred. 			
Auto-Sample Injector:			
The auto sampler design should be a total sample injection design with variable injection volume			
• Sample injection volume should be variable between 0.1 μl to 50 μL.			
The Carry over must be below 0.0025 %			
Injection volume accuracy must be below 1%	1 1		
The injection precision should be less than 0.3% RSD			
• Temperature setting range should be from 4 to 40°C			
Auto pre-treatment function on injector should be available, which should have features like:			
Ability to do Dilution: 2-100 times dilution should be available.			
 Should be Able to spike the set volume of internal standard or reaction reagent. 			
Co-injection – Analysis with co-injection function should be available			
Column Oven:			
 It should be forced-air-circulation type for uniform temperature distribution with a quick feedback mechanism to maintain constant temperature level 			
The temperature setting range should be ambient 4°C to 85°C			
Temperature setting in steps of 1°C			

TE	NDER No.: IITI(MM)/BSBE/116/PRJ/AJ/2025-2026	
• shc	Temperature accuracy should be ± 1 C & Temperature control precision ould be <0.2°C.	
•	Column oven should be able to accommodate 3 column of 250mm.	
	oto Diode Array Detector: A Programmable Photo Diode Array Detector ould be offered with the following Specifications:	
	Wavelength Range: 190-800 nm	
	Spectral Resolution: 1.4nm	
	No of photo PDA Elements: 1024 Photodiodes	
	Wavelength Accuracy <+/- 1nm	
	Width: 1.2nm (high resolution mode), 8nm (high sensitivity mode)	
	Device Resolution: 0.6nm/pixel	
-		
•	Sample Rate up to 100Hz	
•	Linearity should be up to 2 AU	
•	Noise level should be <+/- 3 x 10-6 AU	
۰	Flow cell-Should be Temperature controlled.	
	Detector has to enable the user to virtually separate two co-eluting or rged peaks, without having chromatographic separation. This feature can be ensively used in impurity profiling.	
Fluc	prescence Detector	
•	Light source – Xenon lamp	
•	Data rate should be 100 HZ or more	
•	Wavelength range 200 – 650 nm or better	
•	Spectral bandwidth-20nm or better	
•	Wavelength accuracy-2nm or better	
•	Wavelength precision< ±0.2 nm or better	
•	Sensitivity –S/N should be min 1000 for Water Raman peak or better	
•	It should have wavelength scanning and 4 wavelength monitoring or better	
Ref	ractive Index Detector	
	Refractive Index Range-1 -1.75 RIU	
•	Range : A mode: 0.01 to 500 μRIU , P and L modes: 1 to 5000 μRIU	
	Noise Level- < 3nRIU	
•	Drift- <0.1u RIU/hr	
•	Temperature control of cell unit - 30 to 60°C	
•	Operating flow rate – 10 ml/Min	
•	Cell capacity – 9 μl	
Chr	omatography Software:	
•	Operation of the system should be very easy and intuitive via a state-of-	
the-	art 64 bit Windows 10 based software or better	
•	It should cover full one-point digital instrument control, qualitative and	
qua	ntitative processing, report creation and self-diagnosis	
• coft	The data can be converted to other (AIA, ASCII) formats. Spread Sheet	
	ware and word-processing software can be readily employed to provide a in tables or graphs through industry standard protocols	
Bato	Software must register all events (log files) audit trails for Data, Method, ch, Report, System Policy and User Administration	
•	Software must display the online status of instruments (Name, Type,	
	lysis, Status, User Running, Queued Count, Estimated End time) & In-built generator feature	
	Functions to check PC Information, Software Program Files Check, User User Groups, Group Rights, Security Policy, Instrument Connection rmation from software and printable in pdf format	

Info	ormation from software and printable in pdf format		
	System suitability, System security as well as System check functions must provided which comply with Good Laboratory Practice (GLP) and Regulatory informity		
•	Vendor should quote following columns.		
	nsumables: Following consumables should be supplied with Each HPLC tem:		
•	200 HPLC vials Transparent		
•	100 HPLC vials Amber Coloured		
•	PEEK Ferules – 5 no's		
•	D2 Lamp for PDA -1 Nos		
•	Lamp For Fluorescence Detector- 1no		
•	Lamp for RID detector-1No		
•	C8 Column 250*4.6 5 Micron 2 Nos		
•	C18 Column 250*4.6 5 Micron 2 Nos		

Note:

- A. The bidder should submit his acceptance against each column as YES/NO and if No, the bidder should specify the deviation.
- B. Valid proof of the document in support of the claim to be enclosed with the technical bid.
- C. All communications with respect to the tender shall be addressed only to:

Assistant Registrar (R&D), Materials Management Section 6th Floor, Abhinandan Bhawan (West Wing), Indian Institute of Technology, Indore Khandwa Road Simrol, Indore- 453552

Tel.: 0731660- Ext. 5552/3551

Email: rndmms1@iiti.ac.in, somms@iiti.ac.in, arrnd@iiti.ac.in

(Signature of the Bidder, with Official Seal)

<u>अनुभाग-2 / SECTION- II</u>

अमूल्यंकित तकनीकी बोली / UNPRICED TECHNICAL BID

<u> भाग – 3 /PART - III</u>

(Bidder should provide the following details on Letter head)

TENDER NO.: IITI(MM)/BSBE/116/PRJ/AJ/2025-2026

Date:

Name of the Bidder	
--------------------	--

Sr. No.	Item Description	Qty	Make	Model	HSN Code	GST %	Country of Origin
1.	Supply, Installation and Commissioning of Modular Analytical cum Preparative HPLC	01 No.					
2.		01					
3.	Supply, Installation and Commissioning of HPLC with photo Diode Array Detector with Accessories.						
4_	Supply, Installation and Commissioning of HPLC with photo Diode Array Detector and Refractive-index and fluorescence detector with Accessories.	01 No.					

SN		Other Terms & Conditions				
1,	Payment terms					
2	Delivery Period	Continue I Deint CO (d)				
3.	Delivery Location	Modular Analytical cum Preparative HPLC.	At Indian Institute of Technology Indore			
		2. HPLC with photo Diode Array Detector and Refractive-index detector with Accessories.	At Bundelkhand University, Kanpur Road, Jhansi			
		HPLC with photo Diode Array Detector with Accessories.				
		 HPLC with photo Diode Array Detector and Refractive-index and fluorescence detector with Accessories. 				
4.	Installation	Please refer Section-I Point-22 (e)				
5.	Warranty	nty Onsite 03 years warranty from the date of successful Installation, commissioning, testing and training and also refer Section-I Point-22 (g)				
6.	Charges					
7⊚	Service	Bidder should provide onsite service support.				
	Support					
8	Training	Onsite training should be provided by the fir engineer.				
9.	Photographs and catalogues related to material/items should be enclosed in the technical bid and Dimensions of material/item, weight and space requirements should also be submitted in technical offer.					

प्रपत्र -1 / FORM-I

निर्माता का अनुज्ञा और वारंटी समर्थन पत्र

MANUFACTURER'S AUTHORIZATION & WARRANTY SUPPORT DECLARATION (ON OEMs Letter head)

		Date.
Tender No / GeM bid no:	IITI(MM)/BSBE/116/PRJ/	AJ/2025-2026
To, The Registrar Indian Institute of Techno	ology Indore	
Manufacturer's factories] submit a bid the purpose	manufactured] having , do hereby authorize of which is to provide	rer], who are official manufacturers of factories at [insert full address of e [insert complete name of Bidder] to the following goods, manufactured by goods], and to subsequently negotiate
	ith the Terms and Cor	y, availability of spare parts and AMC nditions of Contract with respect to the
Authorized representative	e of the Manufacturer	Authorized representative Bidder
Signature:		Signature:
Name:		Name:
Address:		Address:
Mobile No:		Mobile No:
Email ID:		Email ID:

प्रपत्र -2 / FORM-II

स्थानीय सामग्री के लिए घोषणा

Declaration of Local content

(To be given on Company Letter Head - For tender value below Rs.10 Crores) (To be given by Statutory Auditor/Cost Auditor/Cost Accountant/CA for tender value above Rs.10 Crores)

				Date:	
To, The Registrar Indian Institute	of Technol	ogy Indore			
Sub: Declarat	ion of Loca	al content			
Tender No:					
Name	of	Goods	&	Services:	-
1. Country of C	Origin of Go	ods being offered:			
2. We hereby exact %).	declare tha	it items offered ha	as% loca	al content (Pleas	e provide
3. Details of laddress		which local value a	be	n	nentioned)
value of the its (including all c "*False decla of the General debarred for	t" means them being of ustoms duting the state of the sta	e amount of value ffered minus the v es) as a proportion be in breach of C al Rules for whice rears as per Rule ctions as may be	e added in Indivalue of the in of the total value of Integrate in a bidder of 151 (iii) of the	ia which shall, be apported content in alue, in percent. ity under Rule 1 or its successor e General Finance	e the total n the item 75(1)(i)(h) rs can be
(Signature of t Name: Date: Official Seal	he Tendere	r/Owner)			

प्रपत्र -3 / FORM-III

डीपीआईआईटी पंजीकरण के लिए घोषणा पत्र

<u>Declaration for DPIIT Registration (on OEM's Letter Head)</u>

CERTIFICATE BY BIDDER- DPIIT REGISTRATION

"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such a country or, / if from such a county, has been registered with the Competent Authority (copy of the Registration Certificate enclosed).

I hereby certify that his bidder fulfils all requirements in this regard and is eligible to be considered.

(Signature of the Tenderer/Owner)

Name:

Date:

प्रपत्र -4 / FORM-IV

स्वच्छ छवि/कोई कान्नी कार्रवाई नहीं होने के संबंध में घोषणा पत्र

DECLARATION REGARDING CLEAN TRACK/NO LEGAL ACTION

(to be provided on letter head of the firm)

I hereby certify that the above firm namely	is neither
blacklisted by any Central/State Government/Public	Undertaking/Institute nor any criminal
case registered / pending against the firm or its	owner/ partners anywhere in India
preceding three years from the date of publishing of	tender.
I also certify that the above information is t	rue and correct in any every respect
and in any case at a later date it is found that any	details provided above are incorrect,
any contract given to the above firm may be summar	ily terminated and the firm blacklisted.
	2)
Date:	Authorized Signatory
	Name:
Place:	Designation:
	Contact No.:

प्रपत्र -5 / FORM-V

बोलीदाता सूचना प्रपत्र

BIDDER INFORMATION FORM

~ .	DIDDER INFO	RMATION FORM
SI		Details
1	Company Name	
2	Registration Number	
3	Manufacturer /Distributor for the quoted product	
4	Registered Address	
5	Name of Partners /Director	
6	City /Postal Code	
7	Company's Establishment Year	
8	Company's Legal Status (tick on appropriate option)	1) Limited Company 2) Undertaking 3) Joint Venture 4) Partnership 5) Others (In case of Others please specify)
9	Company Category	1) Micro Unit as per MSME 2) Small Unit as per MSME 3) Medium Unit as per MSME 4) Ancillary Unit 5) SSI 6) Others (In case of Others please specify)
10	Contact Name Email Id MOBILE NO.	
11	BANK DETAILS	Name of Beneficiary :
		A/c. No. CC/CD/SB/OD:
		Name of Bank :
		IFSC NO. (Bank) :
		Branch Address and Branch Code:
12	Vendor's PAN No. (Should be attached)	
13	Vendor's GST No. (Should be attached)	

प्रपत्र -6 / FORM-VI

पिछली आपूर्ति आदेश सूची प्रारूप

PREVIOUS SUPPLY ORDER LIST FORMAT

Order placed by {Full address of Purchaser]	Order No. and Date	Description and quantity of ordered equipment	Value of order	Contact Person along with Telephone no., Fax no. and email address.

Note: The Evaluation Committee may seek additional information from the existing users at IIT Indore or from any other Institutes, these feedbacks will be considered for technical evaluation.

(Signature of the Tenderer/Owner)

Name:

Date:

प्रपत्र -7 / FORM-VII

निविदा शर्तों की स्वीकृति हेतु ACCEPTANCE OF TENDER TERMS

	(To be given on Company Letter Head) Date:
	To,
	The Registrar Indian Institute of Technology Indore
	Sub: Acceptance of Terms & Conditions of Tender. IITI(MM)/BSBE/116/PRJ/AJ/2025-2026
1.	Dear Sir, I/ We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely:as per your advertisement, given in the above mentioned website(s).
2.	I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from Page No to (including all documents like annexure(s), schedule(s), etc), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein and I have no objection for any of the content of the bid document. The rates quoted by me/us are valid and binding on me/us for acceptance till the validity of bid.
3.	I / We hereby unconditionally accept the tender conditions of above-mentioned tender document(s) / corrigendum(s) in its totality / entirety.
4.	I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking.
5.	I / We do hereby declare that we have quoted our firm rates inclusive of taxes if not mentioned extra.
6.	I/We agree to hold this offer open until 180 days and shall be bound to supply/commission/install/test the equipment and dispatch the same within the specified period.

- 7. I/We agree that in case if we fail to deliver the goods/complete the work/supply within the stipulated time, then institute has full power to compound the liquidity damages or forfeit the Bid Security/Security Deposit or any necessary action as deemed fit can be taken by the IIT Indore.
- 8. The articles shall be of the best quality and of the kind as per the requirement of the institution. The decision of the IIT Indore, India (herein after called the said officer) as regard to the quality and kind of article shall be final and binding on me. Should the said officer deem it necessary to change any article on being found of inferior quality, it shall be replaced by me/us free of cost in time to prevent inconvenience.
- 9. I/We declare that no legal/financial irregularities are pending against the proprietor/partner of the biding firm or manufacturer.

- 10.I/We undertake that the items supplied are as per Demonstration/Catalogue/technical literature description.
- 11. I/We undertake that the quoted rates are not higher than that approved in any other Govt. institutions in India for the same items during the current Financial Year.
- 12. I/we do hereby confirm that the prices/rates quoted are fixed and are at par with the prices quoted by me/us to any other Govt. of State/Central//Institute/Department/PSUs. I/we also offer to supply the Equipment/stores at the prices and rates not exceeding those mentioned in the price bid.
- 13.I/We do hereby confirm that I/we aware about the provisions of "Make in India"/startup initiatives and directives regarding Price Preference Policy to Make in India Registered Bidders and I/We undertake for following the same as per directions of IIT Indore in respect of this E-Bid Enquiry.
- 14. I/we have necessary infrastructure for the maintenance of the equipment and will provide all accessories/spares as and when required.
- 15.I/we also declare that in case of change of Indian Agent or for any other change. Merger, dissolution solvency etc. in the organization of our foreign principles, we would take care of the Guarantee/Warranty/Maintenance of the machinery/equipment and have provided written confirmation for the same.
- 16. I/we undertake to get the equipment repaired/replace within 48 hours of the receiving of the complaint from the institute failing which a penalty of @ 1% of the cost may be recovered from the Bank Guarantee before releasing the same to us after completion period.
- 17. I/we undertake, If as a result of post payment audit any over payment is deducted in respect of any Supply/work done by our Agency or alleged to have been done by our Agency under this bid, it shall be recovered by the IIT Indore from our Agency.
- 18. I/we undertake, If any under payment is discovered, the amount shall be duly paid to our Agency by the IIT Indore.
- 19. I/we undertake that we shall liable to provide all the relevant records copies during the concurrency period of Contract or otherwise even after the Contract is over, whenever required by IIT Indore.

Yours Faithfully,

(Signature of the Tenderer/Owner)

Name:

Date:

प्रपत्र -8 / FORM-VIII

वार्षिक कारोबार की घोषणा और

इनकम टैक्स रिटर्न

DECLARATION OF ANNUAL TURNOVER AND INCOME TAX RETURN

(To be submitted on Firm/Company Letterhead)

Date:

To,	
The Registrar	
Indian Institute of Technology Indore	

Sub: NIT No.- IITI(MM)/BSBE/116/PRJ/AJ/2025-2026

Dear Sir,

I/we hereby declare that, our firm's Annual Turnover as follows, and I/we have also supported an Audited Accounts for your references:

2022-23 F.Y. 2023-24 F.Y		
	1111 2020 24	

And, I/we hereby declare that, our firm had filed Income Tax Returns for last 3 years i.e. F.Y. 2022-23, 2023-24 and 2024-25. Supported by copy of ITR of three years.

(Signature of the Tenderer/Owner)

Name:

Date:

प्रपत्र -9 / FORM-IX

प्रश्न प्रारूप/ QUERY FORMAT

Name of the Firm:	
Contact Person:	
Address:	
Email ID:	
Contact No.:	

SI. No	Reference of the Clause No. of the Tender Document	Query/Clarificati on/ Deviation sought	Clarification/Respo
1			
2			
3			
4			
5			
6			
7			
8			
9			
10		25	

प्रपत्र -10 / FORM-X

परफॉरमेंस सिक्योरिटी प्रारूप

PERFORMANCE SECURITY FORMAT

To,	
WHEREAS	ated
AND WHEREAS it has been stipulated by you in the said contract that the suppostant furnish you with a bank guarantee by a scheduled commercial bank recognized you for the sum specified therein as security for compliance with its obligations accordance with the contract;	by
AND WHEREAS we have agreed to give the supplier such a bank guarantee:	
NOW THEREFORE we hereby affirm that we are guarantors and responsible you, on behalf of the supplier, up to a total of	the tten I or aid,
We further undertake to pay the Purchaser any money so demand notwithstanding any dispute or disputes raised by the supplier(s)/vendor(s) in any suit proceeding pending before any court or Tribunal relating thereto, our liability under the present being absolute and unequivocal. The payment so made by us under this be shall be a valid discharge of our liability for payment there under and supplier(s)/vendor(s) shall have no claim against us for making such payment.	t or this ond
We hereby waive the necessity of your demanding the said debt from the supp before presenting us with the demand.	lier
We further agree that no change or addition to or other modification of the terms the contract to be performed there under or of any of the contract documents which must be made between you and the supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification	nay der
This guarantee shall be valid until the day of	
(Signature of the authorized officer of the Bank)	
Name and designation of the officer Seal: Name & address of the Bank Address of the Branch: Phone No:	

E-mail ID:.

प्रपत्र -11 / FORM-XI

Format for Price Breakup/Financial Document

<u>for</u>

Supply, Installation and Commissioning of HPLC System

Name of the Bidder/ Bidding Firm / Company:

SI. No.	ltem	Qty.	Unit Price in INR (₹)	GST in INR (₹)	Total Price in INR (₹)
1;	Supply, Installation and Commissioning of Modular Analytical cum Preparative HPLC	01 No.			
2	Supply, Installation and Commissioning of HPLC with photo Diode Array Detector and Refractive-index detector with Accessories.	01 No,			
3.	Supply, Installation and Commissioning of HPLC with photo Diode Array Detector with Accessories.	01 No.			
4.0	Supply, Installation and Commissioning of HPLC with photo Diode Array Detector and Refractive-index and fluorescence detector with Accessories.	01 No.			

		Optional:				
Technical Specificat	ions	Qty	Unit Price in INR (₹)	GST in INR (₹)	Total Price in INR (₹)	
Columns and Accesso	ries					
· Analytical Columns:						
C18 (ODS): 4.6 × 2	50 mm, 5 µm – 2 units (unive	ersal phytochemical profiling).				
- Phenyl-Hexyl: 4.6 ×	150 mm, 4 µm – 1 unit (aror	natic compounds).				
HILIC (Amide): 4.6	× 150 mm, 3 µm – 1 unit (pol	lar compounds).				
C30: 4,6 × 250 mm	, 3 µm – 1 unit (carotenoids,	pigments).				
- Guard Columns: M	atching stationary phase - 1	set each.				
assembly, Tubing & fi Deuterium lamp (for I	ttings, Syringes, Pump seals PDA), Flow cell seals / gask	ard columns, Inline filters, Solvent filtrat s & pistons, Autosampler syringe & need kets, Inline solvent filters (0.5 µm), Wa lugs, Detector flow cell cleaning kit, Le	dle, ste			
Analytical Standards						
Gallic acid	Berberine chloride	Caffeine				
Caffeic acid	Piperine	Eugenol				
Ferulic acid	Curcumin		0)			
Chlorogenic acid	Glycyrrhizin					
Quercetin	Ursolic acid					
Rutin	Oleanolic acid	Ellagic acid				
Catechin	Tannic acid	Thymol				
Cinnamaldehyde	Allicin / Ajoene	Ascorbic acid				

Note:

1. All Terms & Conditions will be as per NIT Document uploaded on GeM.

2. Format for Price Breakup (FORM-XI) must be uploaded at the time of Price bid submission.

(Signature of the Tenderer/Owner)

Name:

Date:

प्रपत्र -12 / FORM-XII

बिक्री और समर्थन के संबंध में घोषणा

DECLARATION REGARDING SALES AND SUPPORT

(to be provided on letter head of the firm)

To, The Re Indian	egistrar Institute of Technology Indore						
engine consist	M/sers listed below are currently ently provided service and su sional competence, dedication,	employed by our org	We attest to their				
SI. No.	Name	E-mail Id	Contact No.				
1	Mr.						
2	Mr.						
3	Mr.						
We, M/s							
(Signati Name: Date: Official	ure of the Tenderer/Owner) Seal						

प्रपत्र -13 / FORM-XIII

PRICE REASONABILITY CERTIFICATE

(To be submitted on Firm/Company Letterhead)

1. I/We hereby certify
that the prices quoted by us in our offer letter Noare not higher
than prices to any Government Department/PSU/Institution.
2. I/We further certify that I/We have not supplied or quoted for any item in offer letter
at prices lower than those quoted for the relevant items to any Government/Semi-
Government/ Public/Institution within the period of 90 days preceding the last date
of submission of the offer.
3. I/We hereby undertake that I/We will not supply or quote for any item in offer letter
at prices lower than those quoted for the relevant items to any Government/Semi-
Government/ Public/ Institution/ within the period of validity of the offer.
4. I/We also undertake to bring the attention of the Authorities, any incidence of
breach of any of the above paras within 30 days from the occurrence of the breach
and further undertake to refund/reimburse the difference which may arise due to
breach of any of the above paras and I/We also understand that the decision of
Authorities, regards to the determination of quantum payable shall be final.

(Signature of the Tenderer/Owner)

Name:

Date:

प्रपत्र -13 / FORM-XIV

(To be submitted on Firm/Company Letterhead)

UNDERTAKING

I/We hereby declared that all the Test Reports compliances as per Standard Specifications

mentioned in the NIT Document No:		for
"Supply & Installation ofus, if required/asked.		" will be submitted by
Further, we will Certificates/Permissions/License/Hardwa supplied EQUIPMENT including all esse	are/Software as required fo	or smooth running of the
Furthermore, I/We hereby declare that, of higher then prices offered by Institutions/Departments as per prevailing the benefits of GST in terms of cost reduces per the provisions of GST Act 2017. I have supplied items on higher prices prevailing applicable prices, we are undepositing back such difference amount	us to any others on ing market prices and we are uction on account of various of any time IIT Indore will ge in comparison to other instantial	Sovt. Institutions/Other e liable for passing of all tax factors to IIT Indore the information that we stitutes on the basis of table for refunding and

I/We are also undertaken that the Department of Commerce or Ministry/any other Department has been not debarred/blacklisted our firm as per best of our knowledge, if any such debarment/blacklisting come to the notice of IIT Indore Authorities during execution of Supplies against this E-Bid Enquiry, Indore have right to reject our proposal and take appropriate action deemed fit against our firm as per prevailing applicable Rules & Regulations.

(Signature of the Tenderer/Owner)

Name:

Date:

1)

(a)

(b)

has been of biased nature.

प्रपत्र -14 / FORM-XV

(To be printed on Supplier's letterhead)

(To be signed by the bidder and same signatory competent / authorized to sign the relevant contract on behalf
of IIT Indore)
INTEGRITY AGREEMENT

					INTE	GRITY	AGREEM	ENT				
This 20	-		Agreement		made	at	***************************************	on	this	***************************************	day	of
						BE ⁻	TWEEN					
or cor Name signal	and ory) to	vner', (A ereof inc Addres as the	ddress of D lude its succ	ivision) cessors Individ	'Principa s and peri dual/firm/(Il/Owne mitted a Compai	er', which exp assigns) AND ny) through (Hereina	oression	n shall	unless repu(Details	after regnant to	IIT Indore ferred as the the meaning authorized ng or context
						Pre	eamble					
for "Contraregular Contral Integralso b	ract". A stions, actor(s) ity Agre e read	ND WHE economics (ND No. 1). AND No. 1) eement as integer (ND No. 1). The content of the content	HEREAS the nic use of WHEREAS (hereinafter gral part and	Princi resour to mee referre parce	pal/Owne ces and et the pui ed to as " of the Te	at II er value of fair rpose a Integrit ender/B	T Indore." (es full completess/transparatoresaid book by Pact" or "I id document	Name iance varency the the Pact"), is and (of work with all in its parties the terr Contrac	k) hereinafter relevant lawarelation with have agreems and constituted to the constitute of the consti	er referrates of the the its E ed to e ditions on the parties	dure, contract red to as the e land, rules, Bidder(s) and enter into this of which shall es.
Articl	e 1: Co	mmitm	ent of the F	rincip	al / Owne	<u>er</u>						
follow No en with the any man The Prin will, in provid	ing prin mploye ne Tendaterial ncipal/0 particu e to a	nciples te of the der, or or imma Owner v ular, be any Bid	e Principal / the executio aterial benef vill, during the fore and during der(s)	Owner n of th it which ie Tend ing the dential	r, persona e Contrac n the pers der proce e Tender p / additio	ally or to tot, dem son is n ss, trea process	hrough any land, take a ot legally en at all Bidder(s s, provide to	of his / promis titled to s) with all Bidd nrough	her far e for o equity a der(s) t	mily member accept, for and reason. he same inf	ers, will in self or The Priconnation	observe the in connection third person, incipal/Owner n and will not ld obtain an
The Pri	ncipal/0	Owner:	shall Endear	our to	exclude	from th	ne Tender pi	ocess	any pe	rson, whose	e condu	ct in the past

- 2) If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal code (IPC)/Prevention of Corruption Act, 1988 (PoC Act) or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal/Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.
- 3) If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal code (IPC)/Prevention of Corruption Act, 1988 (PoC Act) or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal/Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

Article 2: Commitment of the Bidder(s) / Contractor(s)

- 1) It is required that each Bidder/Contractor (including their respective officers, employees and agents) adhere to the highest ethical standards, and report to the Government / Department all suspected acts of fraud or corruption or coercion or collusion of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.
- 2) The Bidder(s)/Contractor(s) commits himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contract execution:
- a) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal/Owner's employees involved in the Tender process or execution of the Contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the Tender process or during the execution of the Contract.
- b) The Bidder(s)/Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to cartelize in the bidding process.
- c) The Bidder(s) / Contractor(s) will not commit any offence under the relevant IPC/PoC Act. Further the Bidder(s) / Contractor(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal / Owner as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
- d) The Bidder(s) / Contractor(s) of foreign origin shall disclose the names and addresses of agents / representatives in India, if any. Similarly Bidder(s) / Contractor(s) of Indian Nationality shall disclose names and addresses of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. Further, in cases where an agent participate in a tender on behalf of one manufacturer, he shall not be allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/parallel tender for the same item.
- 3) The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.
- 4) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practices means a willful misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Government interests.
- 5) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may befall upon a person, his/ her reputation or property to influence their participation in the tendering process).

Article 3: Consequences of Breach

Without prejudice to any rights that may be available to the Principal /Owner under law or the Contract or its established policies and laid down procedures, the Principal/Owner shall have the following rights in case of breach of this Integrity Pact by the Bidder(s)/Contractor(s) and the Bidder/ Contractor accepts and undertakes to respect and uphold the Principal/Owner's absolute right:

- 1) If the Bidder(s)/Contractor(s), either before award or during execution of Contract has committed a transgression through a violation of Article 2 above or in any other form, such as to put his reliability or credibility in question, the Principal/Owner after giving 14 days' notice to the contractor shall have powers to disqualify the Bidder(s)/Contractor(s) from the Tender process or terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal/Owner. Such exclusion may be forever or for a limited period as decided by the Principal/Owner.
- 2) Forfeiture of EMD/Performance Guarantee/Security Deposit: If the Principal/Owner has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated/determined the Contract or has accrued the right to terminate/determine the Contract according to Article 3(1), the Principal/Owner apart from exercising any legal rights that may have accrued to the Principal/Owner, may in its considered opinion forfeit the entire amount of Earnest Money Deposit, Performance Guarantee and Security Deposit of the Bidder/Contractor.
- 3) Criminal Liability: If the Principal/Owner obtains knowledge of conduct a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes corruption within the meaning of IPC Act, or if the Principal / Owner has substantive suspicion in this regard, the Principal/Owner will inform the same to law enforcing agencies for further investigation.

Article 4: Previous Transgression

- 1) The Bidder declares that no previous transgressions occurred in the last 5 years with any other Company in any country confirming to the anticorruption approach or with Central Government or State Government or any other Central/State Public Sector Enterprises in India that could justify his exclusion from the Tender process.
- 2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the Tender process or action can be taken for banning of business dealings/ holiday listing of the Bidder/Contractor as deemed fit by the Principal/ Owner.
- 3) If the Bidder/Contractor can prove that he has resorted / recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/Owner may, at its own discretion, revoke the exclusion prematurely.

Article 5: Equal Treatment of all Bidders/Contractors/Subcontractors

- 1) The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its Sub-contractors/sub-vendors.
- 2) The Principal/Owner will enter into Pacts on identical terms as this one with all Bidders and Contractors.
- 3) The Principal/Owner will disqualify Bidders, who do not submit, the duly signed Pact between the Principal/Owner and the bidder, along with the Tender or violate its provisions at any stage of the Tender process, from the Tender process.

Article 6: Duration of the Pact

This Pact begins when both the parties have legally signed it. It expires for the Contractor/Vendor 6 months after the completion of work under the contract or till the continuation of defect liability period, whichever is more and for all other bidders, till the Contract has been awarded.

If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharged/determined by the Competent Authority of IIT Indore.

Article 7: Other Provisions

- 1) This Pact is subject to Indian Law, place of performance and jurisdiction is the Head Quarters of the Division of the Principal/Owner, who has floated the Tender.
- 2) Changes and supplements need to be made in writing. Side agreements have not been made.

- 3) If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by Board Resolution.
- 4) Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intensions.
- 5) It is agreed term and condition that any dispute or difference arising between the parties with regard to the terms of this Integrity Agreement / Pact, any action taken by the Owner/Principal in accordance with this Integrity Agreement/ Pact or interpretation thereof shall not be subject to arbitration.

Article 8: Legal and Prior Rights

RIIYER

All rights and remedies of the parties hereto shall be in addition to all the other legal rights and remedies belonging to such parties under the Contract and/or law and the same shall be deemed to be cumulative and not alternative to such legal rights and remedies aforesaid. For the sake of brevity, both the Parties agree that this Integrity Pact will have precedence over the Tender/Contact documents with regard any of the provisions covered under this Integrity Pact.

IN WITNESS WHEREOF the parties have signed and executed this Integrity Pact at the place and date first above mentioned in the presence of following witnesses:

Assistant Registrar (R&D MMS), IIT INDORE Date & Place:	BIDDER Signature with Seal Date & Place:
WITNESSES:	WITNESSES:
1 (Indenter) (Signature, name and address)	1(Signature, name and address)
2(Signature, name and address)	2,(Signature, name and address)

