

Index for Invitation for Tender (IFT) (E-Procurement mode only)

1. The Institute invites Two Cover Tenders from Class I and II local suppliers, as per DPIIT order No. P-45021/2/2017-PP (BE-II) dated 04 Jun 2020, for the following items through the eProcurement System of National Informatics Centre that enables the Tenderers to submit the bids online through Central Public Procurement Portal of Government of India (<https://eprocure.gov.in/eprocure/app>.)

क्रम सं./	विवरण/ Description	Qty
1.	Supply, installation and commissioning of Ultra-High Performance Liquid Chromatography (HPLC) (refer Annexure 7 Technical Specifications)	1

2. Annexures enclosed: Bidders should follow the annexures before submission of bid:-

1.	Annexure 1	Instructions To Bidder for Online Bid Submission
2.	Annexure 2	General Terms and conditions of Contract
3.	Annexure 3	Tender Acceptance Letter
4.	Annexure 4	Model bank guarantee format for EMD
5.	Annexure 5	Model bank guarantee format for performance security
6.	Annexure 6	Special conditions of tender
7.	Annexure 7	Technical specifications
8.	Annexure 8	Format for self-certification of local content
9.	Annexure 9	Declaration for not sharing land border with India
10.	Annexure 10	Certificate of not blacklisted
11.	Annexure 11	Checklist

3) All the correspondence in this regard should be done in favor of Assistant Registrar (Purchase & Stores), IISER Thiruvananthapuram referring the tender reference number. Email id - purchasestores@iisertvm.ac.in

A. 4) **ईएमडी/EMD: Rs. 1,14,000/- (Rupees One Lakh Fourteen Thousand only)** स्टेट बैंक संग्रह द्वारा भुगतान करना चाहिए - निविदा संख्या और कंपनी का नाम उल्लेख किया जाना चाहिए। उद्धरण के साथ लेनदेन पर्ची / प्रिंट आउट या ईएमडी मूल्य के बराबर 90 दिनों की वैधता में बैंक गारंटी या बोलीदाता के उपक्रम जमा करना चाहिए।/ should be paid through State Bank Collect- Tender No & Company Name must be mentioned in the Remarks column. (<https://www.onlinesbi.com/sbicollect/icollecthome.htm>) (State Bank Collect- Accept-Term and Conditions- Proceed-Select State Kerala-Select Type of Institution-Educational Institution- Select - IISER Thiruvananthapuram- Select Payment Category- Stores and Purchase) Quotes should accompany a copy of Transaction slip /Print out OR Bank



Handwritten signature and date: 04/08/26

guarantee equivalent OR Insurance Surety Bond to the EMD value with validity 90 days (should reach before tender due dates). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

5) Online Bid Submission: The documents to be uploaded in the e-procurement module, should be in two envelops / covers.

6) Failure to upload the documents as per checklist will lead to rejection of bids.

7) Please quote only in Indian Rupees as per GFR 2017 amended Rule 161 (iv) and Public Procurement (Preference to make in India) order 2017, with your lowest rate and shortest delivery period as per the following terms. As per Govt of India, Ministry of Commerce and Industry, DPIIT order No. P-45021/2/2017-PP (BE-II) dated 16 Sep 2020 only Class I local Supplier (having minimum local content 50%) and Class II local supplier (having minimum local content 20% but less than 50%) are invited for this tender. Non-local supplier (having local content less than 20%) are not eligible to apply. Local Content means the amount of value added in India which shall, unless otherwise prescribed by the Nodal Ministry, be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties). Class I local supplier / Class-II local supplier are required to indicate percentage of local content and provide self-certification that the item offered meets the local content requirement for 'Class-I local supplier' / 'Class-II local supplier', as the case may be. They shall also give details of the locations(s) at which the local value addition is made. Format for self-certification is given in **Annexure 8** of the tender document. Any non-compliance in this regard, the bid will not be considered in the category.

8. As per Ministry of Finance, Department of Expenditure order No. F.No./6/18/2019-PPD dated 23 Jul 2020 any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Department of Promotion of Industry and Internal Trade (DPIIT). Format for certificate for the same is given in **Annexure 9** of the tender document. 'Bidder' for the purpose of this order (including the term 'tenderer', 'consultant' 'vendor' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency, branch or office controlled by such person, participating in a procurement process. Bidder from a country which shares a land boarded with India 'for the purpose of this order means:-

- i. An entity incorporated, established or registered in such a country; or
- ii. A subsidiary of an entity incorporated, established or registered in such a country; or
- iii. An entity substantially controlled through entities incorporated, established or registered in such a country; or
- iv. An entity whose beneficial owner is situated in such a country; or
- v. An Indian (or other) agent of such an entity; or
- vi. A natural person who is a citizen of such a country; or
- vii. A consortium or joint venture where any member of the consortium of joint venture falls under any of the above.



04/08/20

9.

<i>1st Envelope / Cover (Technical Bid)</i>		
Sl No	Contents	Format
1.	Compliance sheet as per specifications	PDF
2.	Detailed brochures, data sheets, catalogues etc. supporting the compliance of specifications	PDF
3.	Clientele list and details of TWO major installations in India	PDF
4.	Any other document as mentioned in the specifications or essential as per bidder	PDF
5.	All commercial terms and conditions of the bid (except price)	PDF
6.	Tender Acceptance Letter, EMD, Declaration as per Annexure 8,9,10 and Checklist	PDF
<i>2nd Envelope / Cover (Price Bid)</i>		
1.	Price bid item-wise prices for the items mentioned in the Technical Bid (clearly mentioning the break Tax/ Duty / other charges etc.)	Excel (.xls)

10. Note: Please note being an Institute under Ministry of Education, Govt of India, the Institute will not entertain any type of advance payment for the equipment, AMC or any other services.

11. Detailed Specifications : Please refer Annexure 7.


 Assistant Registrar (Purchase & Stores)

Invitation for Tender (E-Procurement mode only)

1	Work / Item Description	Supply, installation and commissioning of Ultra-High Performance Liquid Chromatography (HPLC) (refer Annexure 7 Technical Specifications)
2	Quantity Required	As per the Annexure 7
3	Tender Type	Open
4	Tender Reference No	IISER/PUR/0531/RBS/SEESS/26-27
5	Number of covers (1/2/3/4)	2 (Technical and Financial)
6	Date of Issue/Publishing	03.08.2026
7	Document Download/Sale Start Date	3.08.2026
8	Document Download/Sale End Date	24.08.2026 (1500 Hrs)
9	Clarification End Date	
10	Last Date and Time for Uploading of Bids	24.08.2026 (1500 Hrs)
11	Date and Time of Opening of Technical Bids	25.8.2026 (15.30 Hrs)
12	Date of Opening of Price Bid	will be intimated later
13	Tender Fee (INR)	Nil
14	EMD Amount (INR)	Rs. 1,14,000/- (Rupees One Lakh Fourteen Thousand only)
15	Detailed Specifications	As per Annexure 7

1. Please note being an Institute under Ministry of Education, Govt of India, the Institute will not entertain any type of advance payment for the equipment, AMC or any other services.

 04/08/26
Assistant Registrar (Purchase & Stores)

ANNEXUE: 1
Instructions for Online Bid Submission

- 1) The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.
- 2) More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.

REGISTRATION

- 1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link "Online bidder Enrollment" on the CPP Portal which is free of charge.
- 2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.
- 5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
- 6) Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

SEARCHING FOR TENDER DOCUMENTS

- 1) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- 2) Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / email in case there is any corrigendum issued to the tender document.
- 3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

PREPARATION OF BIDS

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- 4) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" or "Other Important Documents" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

Note: My Documents space is only a repository given to the Bidders to ease the uploading process. If Bidder has uploaded his Documents in My Documents space, this does not automatically ensure these Documents being part of Technical Bid.

SUBMISSION OF BIDS

- 1) Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidder has to select the payment option as "offline" to pay the tender fee / EMD as applicable and enter details of the instrument.
- 4) Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- 5) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the



white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.

- 6) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 7) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 8) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 9) Upon the successful and timely submission of bids (i.e. after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 10) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS

- 1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- 2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.

.....

The document 'Instructions To Bidder for Online Bid Submission' is downloadable from :
<https://eprocure.gov.in/eprocure/app?page=StandardBiddingDocuments&service=page>



Annexure: 2

GENERAL TERMS & CONDITIONS OF THE CONTRACT

TABLE OF CONTENTS

Sl.No.	Contents
2.1	Definitions
2.2	Contract Documents
2.3	Fraud and Corruption
2.4	Joint Venture, Consortium or Association
2.5	Scope of Supply
2.6	Suppliers' Responsibilities
2.7	Contract price
2.8	Copy Right
2.9	Application
2.10	Standards
2.11	Use of Contract Documents and Information
2.12	Patent Indemnity
2.13	Performance Security
2.14	Inspections and Tests
2.15	Packing
2.16	Delivery and Documents
2.17	Insurance
2.18	Transportation
2.19	Incidental Services
2.20	Spare Parts
2.21	Warranty
2.22	Terms of Payment
2.23	Change Orders and Contract Amendments
2.24	Assignment
2.25	Subcontracts
2.26	Extension of time
2.27	Penalty Clause
2.28	Termination for Default
2.29	Force Majeure
2.30	Termination for insolvency
2.31	Termination for Convenience
2.32	Settlement of Disputes
2.33	Governing Language
2.34	Applicable Law
2.35	Notice
2.36	Taxes and Duties
2.37	Right to use Defective Goods
2.38	Protection against Damage
2.39	Site preparation and installation

2.1 DEFINITIONS

2.1.1 The following words and expressions shall have the meanings hereby assigned to them:

- a) "Contract" means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.
- b) "Contract Documents" means the documents listed in the Contract Agreement, including any amendments thereto.
- c) "Contract Price" means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.
- d) "Day" means calendar day.
- e) "Completion" means the fulfilment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.
- f) "GCC" means the General Conditions of Contract.
- g) "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.
- h) "Related Services" means the services incidental to the supply of the goods, such as transportation, insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.
- i) "SCC" means the Special Conditions of Contract.
- j) "Subcontractor" means any natural person, private or government entity, or a combination of the above, to whom any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.
- k) "Supplier" means the natural person, private or government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.
- l) Indian Institute of Science Education and Research, Thiruvananthapuram (IISER-TVM) means a society registered under the Travancore Cochin Literary Scientific and Charitable Societies' Registration Act, 1995 (12 of 1955) on 20.02.2008 at Kerala at no. T.3+2/08.
- m) "The final destination," where applicable, means the place named in the SCC.

2.2 CONTRACT DOCUMENTS

2.2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.

2.3 FRAUD AND CORRUPTION

2.3.1 The purchaser requires that bidders, suppliers, contractors and consultants, if any, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy,

- a) The terms set forth below are defined as follows:
 - i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;



- ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;
 - iii) "Collusive practice" means a scheme or arrangement between two or more bidders, with or without the knowledge of the Borrower, designed to establish bid prices at artificial, non-competitive levels; and
 - iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;
- b) the purchaser will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question:

2.4 JOINT VENTURE, CONSORTIUM OR ASSOCIATION

- 2.4.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfilment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.

2.5 SCOPE OF SUPPLY

- 2.5.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.

2.6 SUPPLIERS' RESPONSIBILITIES

- 2.6.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with Scope of Supply Clause of the GCC, and the Delivery and Completion Schedule, as per GCC Clause relating to delivery and document.

2.7 CONTRACT PRICE

- 2.7.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid.

2.8 COPYRIGHT

- 2.8.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party.

2.9 APPLICATION

- 2.9.1 These General Conditions shall apply to the extent that they are not superseded by provisions in other parts of the Contract.

2.10 STANDARDS

- 2.10.1 The Goods supplied and services rendered under this Contract shall conform to the standards mentioned in the Technical Specifications and Schedule of Requirements, and, when no applicable standard is mentioned, to the authoritative standard appropriate to the Goods' country of origin and such standards shall be the latest issued by the concerned institution.

2.11 USE OF CONTRACT DOCUMENTS AND INFORMATION

- 2.11.1 The Supplier shall not, without the Purchaser's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample or information, furnished by or on behalf of the Purchaser in connection therewith, to any person other than a person employed by the Supplier in performance of the Contract.
Disclosure to any such employed person shall be made in confidence and shall extend only so far, as may be necessary for purposes of such performance.
- 2.11.2 The Supplier shall not, without the Purchaser's prior written consent, make use of any document or information enumerated above except for purposes of performing the Contract.
- 2.11.3 Any document, other than the Contract itself, enumerated above shall remain the property of the Purchaser and shall be returned (in all copies) to the Purchaser on completion of the Supplier's performance under the Contract if so required by the Purchaser.

2.12 PATENT INDEMNITY

- 2.12.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 12.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:
- (a) the installation of the Goods by the Supplier or the use of the Goods in India; and
 - (b) the sale in any country of the products produced by the Goods.

- 2.12.2 If any proceedings are brought or any claim is made against the Purchaser, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claims.

2.13 PERFORMANCE SECURITY

- 2.13.1 Within 21 days of receipt of the notification of award/PO, the Supplier shall furnish performance security in the amount specified in SCC, valid till 60 days after the warranty period. Alternatively, the PS may also be submitted at the time of release of final payment in cases where part payment is made against delivery & part on installation. The PS, where applicable, shall be submitted in advance for orders where full payment is to be made on Letter of Credit (LC) or on delivery. In this case, submission of PS at the time of negotiation of documents through Bank would be stipulated as a condition in the LC and the PS should be kept valid till such time the PS is submitted.
- 2.13.2 The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
- 2.13.3 The Performance Security shall be denominated in Indian Rupees for the offers received for supplies within India and denominated in the currency of the contract in the case of offers received for supply from foreign countries.
- 2.13.4 In the case of imports, the PS may be submitted either by the principal or by the Indian agent and, in the case of purchases from indigenous sources, the PS may be submitted by either the manufacturer or their authorized dealer/bidder.
- 2.13.5 The Performance security shall be in one of the following forms:

- (a) A Bank guarantee or stand-by Letter of Credit issued by a scheduled bank located in India or a bank located abroad in the form provided in the bidding documents. Or,



- (b) A Banker's cheque or Account Payee demand draft in favour of the purchaser. Or,
(c) A Fixed Deposit Receipt pledged in favour of the Purchaser.
- 2.13.6 The performance security will be discharged by the Purchaser and returned to the Supplier not later than 60 days following the date of completion of the Supplier's performance obligations, including any warranty obligations, unless specified otherwise in SCC, without levy of any interest.
- 2.13.7 In the event of any contract amendment, the supplier shall, within 21 days of receipt of such amendment, furnish the amendment to the performance security, rendering the same valid for the duration of the contract, as amended for further period of 60 days thereafter.
- 2.13.8 The order confirmation should be received within 15 days from the date of notification of award. However, the Purchaser has the powers to extend the time frame for submission of order confirmation and submission of Performance Security (PS). Even after extension of time, if the order confirmation /PS are not received, the contract shall be cancelled and limited tenders irrespective of the value would be invited from the responding firms after forfeiting the bid security of the defaulting firm, where applicable provided there is no change in specifications. In such cases the defaulting firm would not be considered again for re-tendering in the particular case.
- 2.14. INSPECTIONS AND TESTS**
- 2.14.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the SCC or as discussed and agreed to during the course of finalization of contract.
- 2.14.2 The Purchaser or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the Purchaser. The Technical Specifications and SCC shall specify what inspections and tests the Purchaser requires and where they are to be conducted. The Purchaser shall notify the Supplier in writing in a timely manner of the identity of any representatives retained for these purposes
- 2.14.3 The inspections and tests may be conducted on the premises of the Supplier or its subcontractor(s), at the point of delivery and/or at the Goods final destination. If conducted on the premises of the Supplier or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data - shall be furnished to the inspectors at no charge to the Purchaser.
- 2.14.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection
- 2.14.5 Should any inspected or tested Goods fail to conform to the specifications, the Purchaser may reject the goods and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the Purchaser.
- 2.14.6 The Purchaser's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival at final destination shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by the Purchaser or its representative prior to the Goods shipment.
- 2.14.7 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.
- 2.14.8 With a view to ensure that claims on insurance companies, if any, are lodged in time, the bidders and /or the Indian agent shall be responsible for follow up with their principals for ascertaining the dispatch details and informing the same to the Purchaser and he shall also liaise with the Purchaser to ascertain the arrival of the consignment after clearance so that immediately thereafter in his presence the consignment could be opened and the insurance claim be lodged, if required, without any loss of time. Any delay on the part of the bidder/Indian Agent would be viewed seriously and he shall be directly responsible for any loss sustained by the purchaser on the event of the delay.
- 2.15. PACKING**
- 2.15.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.
- 2.15.2 The packing, marking and documentation within and outside the packages shall comply strictly with such special requirements as shall be provided for in the Contract including additional requirements, if any, specified in SCC and in any subsequent instructions ordered by the Purchaser
- 2.16. DELIVERY AND DOCUMENTS**
- 2.16.1 Delivery of the Goods and completion and related services shall be made by the Supplier in accordance with the terms specified by the Purchaser in the contract. The details of shipping and/or other documents to be furnished by the supplier are specified in SCC.
- 2.16.2 The terms FOB, FCA, CIF, CIP etc shall be governed by the rules prescribed in the current edition of the Incoterms published by the International Chambers of Commerce, Paris.
- 2.16.3 The mode of transportation shall be as specified in SCC
- 2.17. INSURANCE**
- 2.17.1 Should the purchaser elect to buy on CIF/CIP basis, the Goods supplied under the Contract shall be fully insured in Indian Rupees against any loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified in SCC.
- 2.17.2 Where delivery of the goods is required by the purchaser on CIF or CIP basis the supplier shall arrange and pay for Cargo Insurance, naming the purchaser as beneficiary and initiate & pursue claims till settlement, on the event of any loss or damage.
- 2.17.3 Where delivery is on FOB or FCA basis, insurance would be the responsibility of the purchaser.
- 2.17.4 With a view to ensure that claims on insurance companies, if any, are lodged in time, the bidders and /or the Indian agent shall be responsible for follow up with their principals for ascertaining the dispatch details and informing the same to the Purchaser and he shall also liaise with the Purchaser to ascertain the arrival of the consignment after clearance so that immediately thereafter in his presence the consignment could be opened and the insurance claim be lodged, if required, without any loss of time. Any delay on the part of the bidder/Indian Agent would be viewed seriously and he shall be directly responsible for any loss sustained by the purchaser on the event of the delay.
- 2.18. TRANSPORTATION**
- 2.18.1 Where the Supplier is required under the Contract to deliver the Goods FOB, transport of the Goods, up to and including the point of putting the Goods on board the vessel at the specified port of loading, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract price. Where the Supplier is required under the Contract to deliver the Goods FCA, transport of the Goods and delivery into the custody of the carrier at the place named by the Purchaser or other agreed point shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract price.
- 2.18.2 Where the Supplier is required under the Contract to deliver the Goods CIF or CIP, transport of the Goods to the port of destination or such other named place of destination in the Purchaser's country, as shall be specified in the Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.
- 2.18.3 In the case of supplies from within India, where the Supplier is required under the Contract to transport the Goods to a specified destination in India, defined as the Final Destination, transport to such destination, including insurance and storage, as specified in the Contract, shall be arranged by the Supplier, and the related costs shall be included in the Contract Price.
- 2.19. INCIDENTAL SERVICES**
- 2.19.1 The supplier may be required to provide any or all of the services, if any, specified in SCC
- 2.20. SPARE PARTS**
- 2.20.1 The Supplier shall be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:
- Such spare parts as the Purchaser may elect to purchase from the Supplier, providing that this election shall not relieve the Supplier of any warranty obligations under the Contract; and
 - In the event of termination of production of the spare parts:
 - Advance notification to the Purchaser of the pending termination, in sufficient time to permit the Purchaser to procure needed requirements; and
 - Following such termination, furnishing at no cost to the Purchaser, the blueprints, drawings and specifications of the spare parts, if requested.
- 2.21. WARRANTY**



- 2.21.1 The Supplier warrants that all the Goods are new, unused, 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.
- 2.21.2 The Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in India.
- 2.21.3 Unless otherwise specified in the SCC, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC, or for eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.
- 2.21.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof.
- 2.21.5 The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.
- 2.21.6 Upon receipt of such notice, the Supplier shall, within a reasonable period of time, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.
- 2.21.7 If having been notified, the Supplier fails to remedy the defect within the reasonable period of time, the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.
- 2.21.8 Goods requiring warranty replacements must be replaced on free of cost basis to the purchaser.
- 2.22 TERMS OF PAYMENT**
- 2.22.1 The method and conditions of payment to be made to the Supplier under this Contract shall be as specified in the SCC.
- 2.22.2 The Supplier's request(s) for payment shall be made to the Purchaser in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and the Services performed, and by documents, submitted pursuant to Delivery and document Clause of the GCC and upon fulfillment of other obligations stipulated in the contract.
- 2.22.3 Payments shall be made promptly by the Purchaser but in no case later than thirty (30) days after submission of the invoice or claim by the Supplier.
- 2.22.4 Payment shall be made in currency as indicated in the contract.
- 2.23. CHANGE ORDERS AND CONTRACT AMENDMENTS.**
- 2.23.1 The Purchaser may at any time, by written order given to the Supplier pursuant to Clause on Notices of the GCC make changes within the general scope of the Contract in any one or more of the following:
- Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;
 - The method of shipping or packing;
 - The place of delivery; and/or
 - The Services to be provided by the Supplier.
 - The delivery schedule.
- 2.23.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within fifteen (15) days from the date of the Supplier's receipt of the Purchaser's change order.
- 2.23.3 No variation or modification in the terms of the contract shall be made except by written amendment signed by the parties.
- 2.24. ASSIGNMENT**
- 2.24.1 The Supplier shall not assign, in whole or in part, its obligations to perform under the Contract, except with the Purchaser's prior written consent.
- 2.25. SUBCONTRACTS**
- 2.25.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under this Contract if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the Supplier from any liability or duties or obligation under the Contract.
- 2.26. EXTENSION OF TIME.**
- 2.26.1 Delivery of the Goods and performance of the Services shall be made by the Supplier in accordance with the time schedule specified by the Purchaser.
- 2.26.2 If at any time during performance of the Contract, the Supplier or its sub-contractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may, at its discretion, extend the Supplier's time for performance with or without penalty, in which case the extension shall be ratified by the parties by amendment of the Contract.
- 2.26.3 Except as provided under the Force Majeure clause of the GCC, a delay by the Supplier in performance of its delivery obligations shall render the Supplier liable to the imposition of penalty pursuant to Penalty Clause of the GCC unless an extension of time is agreed upon pursuant to above clause without the application of penalty clause.
- 2.27. PENALTY CLAUSE**
- 2.27.1 Subject to GCC Clause on Force Majeure, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as penalty, a sum equivalent to the percentage specified in SCC of the delivered price of the delayed Goods or unperformed Services or contract value for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the Percentage specified in SCC. Once the maximum is reached, the Purchaser may consider termination of the Contract pursuant to GCC. Clause on Termination for Default. The SCC shall also indicate the basis for ascertaining the value on which the penalty shall be applicable
- 2.28. TERMINATION FOR DEFAULT**
- 2.28.1 The Purchaser may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Supplier, terminate the Contract in whole or part
- If the Supplier fails to deliver any or all of the Goods within the period(s) specified in the contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause on Extension of Time; or
 - If the Supplier fails to perform any other obligation(s) under the Contract.
 - If the Supplier, in the judgment of the Purchaser has engaged in corrupt or fraudulent or collusive or coercive practices as defined in GCC Clause on Fraud or Corruption in competing for or in executing the Contract.
- 2.28.2 In the event the purchaser terminates the contract in whole or in part, he may take recourse to any one or more of the following action:
- The Performance Security is to be forfeited;
 - The purchaser may procure, upon such terms and in such manner as it deems appropriate, stores similar to those undelivered, and the supplier shall be liable for all available actions against it in terms of the contract.
 - However, the supplier shall continue to perform the contract to the extent not terminated.
- 2.29. FORCE MAJEURE**
- 2.29.1 Notwithstanding the provisions of GCC Clauses relating to extension of time, penalty and Termination for Default the Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- 2.29.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
- 2.29.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof within 21 days of its occurrence. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
- 2.29.4 If the performance in whole or in part or any obligations under the contract is prevented or delayed by any reason of force majeure for a period exceeding 60 days, either party may at its option terminate the contract without any financial repercussions on either side.
- 2.30. TERMINATION FOR INSOLVENCY**
- 2.30.1 The Purchaser may at any time terminate the Contract by giving written notice to the Supplier, if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy, which has accrued or will accrue thereafter to the Purchaser.
- 2.31. TERMINATION FOR CONVENIENCE**
- 2.31.1 The Purchaser, by written notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.
- 2.31.2 The Goods those are complete and ready for shipment within 30 days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:
- To have any portion completed and delivered at the Contract terms and prices; and/or
 - To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and materials and parts previously procured by the Supplier.

- 2.32 SETTLEMENT OF DISPUTES**
- 2.32.1 The Purchaser and the supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.
- 2.32.2 If, after twenty-one (21) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract.
- 2.32.3 The dispute settlement mechanism/arbitration proceedings shall be concluded as under:
- (a) In case of Dispute or difference arising between the Purchaser and a domestic supplier relating to any matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with the Indian Arbitration & Conciliation Act, 1996, the rules there under and any statutory modifications or re-enactments thereof shall apply to the arbitration proceedings. The dispute shall be referred to the Chairman, Board of Governors of IISER TVM and if he is unable or unwilling to act, to the sole arbitration of some other person appointed by him willing to act as such Arbitrator. The award of the arbitrator so appointed shall be final, conclusive and binding on all parties to this order.
 - (b) In the case of a dispute between the purchaser and a Foreign Supplier, the dispute shall be settled by arbitration in accordance with provision of sub-clause (a) above. But if this is not acceptable to the supplier then the dispute shall be settled in accordance with provisions of UNCITRAL (United Nations Commission on International Trade Law) Arbitration Rules.
- 2.32.4 The venue of the arbitration shall be the place from where the purchase order or contract is issued.
- 2.32.5 Notwithstanding any reference to arbitration herein,
- (a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and
 - (b) the Purchaser shall pay the Supplier any monies due the Supplier.
- 2.33 GOVERNING LANGUAGE**
- 2.33.1 The contract shall be written in English language which shall govern its interpretation. All correspondence and other documents pertaining to the Contract, which are exchanged by the parties, shall be written in the English language only.
- 2.34 APPLICABLE LAW**
- 2.34.1 The Contract shall be interpreted in accordance with the laws of the Union of India and all disputes shall be subject to place of jurisdiction as specified in SCC.
- 2.35 NOTICES**
- 2.35.1 Any notice given by one party to the other pursuant to this contract/order shall be sent to the other party in writing or by cable, telex, FAX, e-mail or and confirmed in writing to the other party's address specified in the SCC.
- 2.35.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.
- 2.36 TAXES AND DUTIES**
- 2.36.1 For goods manufactured outside India, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside India.
- 2.36.2 For goods Manufactured within India, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred till its final manufacture/production.
- 2.36.3 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in India, the Purchaser shall make its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.
- 2.37 RIGHT TO USE DEFECTIVE GOODS**
- 2.37.1 If after delivery, acceptance and installation and within the guarantee and warranty period, the operation or use of the goods proves to be unsatisfactory, the Purchaser shall have the right to continue to operate or use such goods until rectifications of defects, errors or omissions by repair or by partial or complete replacement is made without interfering with the Purchaser's operation.
- 2.38 PROTECTION AGAINST DAMAGE**
- 2.38.1 The system shall not be prone to damage during power failures and trip outs.
- The normal voltage and frequency conditions available at site as under:
- (a) Voltage 230 volts - Single phase/ +15 V 3 phase (+_ 10%)
 - (b) Frequency 50 Hz.
- 2.39. SITE PREPARATION AND INSTALLATION**
- The Purchaser is solely responsible for the construction of the equipment sites in compliance with the technical and environmental specifications defined by the Supplier. The Purchaser will designate the installation sites before the scheduled installation date to allow the Supplier to perform a site inspection to verify the appropriateness of the sites before the installation of the Equipment, if required. The supplier shall inform the purchaser about the site preparation, if any, needed for installation, of the goods at the purchasers' site immediately after notification of award contract.



ASSISTANT REGISTRAR
[PURCHASE & STORES]
IISERTVM

04/08/26

ANNEXURE: 3

TENDER ACCEPTANCE LETTER (To be given on Company Letter Head)

To,

Date:

**The Director, Indian Institute of Science Education and Research – Thiruvananthapuram,
Maruthamala P.O, Vithura, Thiruvananthapuram, Kerala -695551, India.**

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: _____

Name of Tender / Work: - _____

Dear Sir,

1. 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.
3. The corrigendum(s) issued from time to time by your department/ organization too have also been taken into consideration, while submitting this acceptance letter.
4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.
5. I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking.
6. I / We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.
7. I / We declare the following information provided are correct to the best of my knowledge:

1.	Name and Address of the bidder	
2.	Manufacturer / Dealer / Agent	
3.	Contact Person	
4.	Phone	
5.	Email	
6.	Mobile Number	
7.	GST No	
8.	PAN No	
9.	UTR No / DU No (in case of online transfer of Tender Fee) (if any)	
10.	UTR No / DU No (in case of online transfer of EMD)	
11.	Warranty, if any	
12.	Delivery period	
13.	Payment terms	
14.	PO to be placed in favour of	
15.	Local content category(Class I/II/III)	

Yours Faithfully,



(Signature of the Bidder, with Official Seal)

Annexure 4

MODEL BANK GUARANTEE FORMAT FOR FURNISHING BID SECURITY (BS)

Whereas (hereinafter called the "tenderer")
has submitted their offer dated.....for the supply of.....
..... (hereinafter called the
"tender") against the Purchaser's tender enquiry No.....
.....KNOW ALL MEN by these presents that WE.....
.....of having our registered office at.....
.....are bound unto(hereinafter called the "Purchaser") in
the sum offor which
payment will and truly to be made to the said Purchaser, the Bank binds itself, its
successors and assigns by these presents. Sealed with the Common Seal of the
said Bank this..... day of20.....

THE CONDITIONS OF THIS OBLIGATION ARE:

- 1) If the tenderer withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of this tender.
- 2) If the tenderer having been notified of the acceptance of his tender by the Purchaser during the period of its validity:-
 - a) If the tenderer fails to furnish the performance security for the due performance of the contract.
 - b) Fails or refuses to accept/execute the contract.

We undertake to pay the Purchaser up to the above amount upon receipt of its first written demand, without the purchaser (IISER-TVM) having to substantiate its demand, provided that in its demand the purchaser will note that the amount claimed by it is due to it owing the occurrence of one or both the two conditions, specifying the occurred condition or conditions. This guarantee will remain in force up to and including 45 days after the period of tender validity and any demand in respect thereof should reach the bank not later than the above date.

Signature of the authorized officer of the bank

Name and designation of the officer

Seal, name and address of the Bank and address of the Branch.



Annexure 5

SPECIMEN

**PERFORMANCE SECURITY FORM
MODEL BANK GUARANTEE FORMAT FOR PERFORMANCE SECURITY**

To,

WHEREAS

(name and address of the supplier) (hereinafter called "the supplier") has undertaken, in pursuance of contract no. dated to supply (..... description of goods and services) (herein after called "the contract").

AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee by a scheduled commercial bank recognized by you for the sum specified therein as security for compliance with its obligations in accordance with the contract;

AND WHEREAS we have agreed to give the supplier such a bank guarantee;

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of (amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the supplier before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may 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.

This guarantee shall be valid until the day of, 20.....

(Signature of the authorized officer of the Bank)

.....
Name and designation of the officer

.....
Seal, name & address of the Bank and address of the Branch



Annexure 6: SPECIAL CONDITIONS OF CONTRACT

1.1. ELIGIBLE BIDDERS.

- 1.1.1 Bidders should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under this Invitation of Bids.

1.2. COST OF BIDDING

- 1.2.1 The Bidder shall bear all costs associated with the preparation and submission of its bid, and "the Purchaser", will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

1.3. FRAUD AND CORRUPTION:

- 1.3.1 The purchaser requires that the bidders/suppliers and contractors observe the highest standard of ethics during the procurement and execution of such contracts.

- 1.3.2 The purchaser will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question;
The Bidding Documents

1.4. COST OF BIDDING DOCUMENTS

- 1.4.1 Interested eligible bidders may download the document from our Website.

1.5. CONTENT OF BIDDING DOCUMENTS

- 1.5.1 The goods required, bidding procedures and contract terms are prescribed in the bidding documents which should be read in conjunction.

- 1.5.2 The Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding documents. **Failure to furnish all information required by the bidding documents or submission of a bid not substantially responsive to the bidding documents in every respect will be at the Bidder's risk and may result in rejection of its bid.**

1.6. CLARIFICATION OF BIDDING DOCUMENTS

- 1.6.1 A prospective Bidder requiring any clarification of the Bidding Documents shall contact the Purchaser in writing via fax/email. The Purchaser will respond in writing to any request for clarification, provided that such request is received not later than ten (10) days prior to the deadline for submission of bids. The Purchaser shall forward copies of its response to all those who have acquired the Bidding Documents directly from it, including a description of the inquiry but without identifying its source. Should the Purchaser deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under clause relating to amendment of Bidding documents and Clause relating to Deadline for Submission of Bids. The clarifications and amendments issued would also be hosted on the website of the purchaser for the benefit of the other prospective bidders.

1.7. AMENDMENT OF BIDDING DOCUMENTS

- 1.7.1 At any time prior to the deadline for submission of bids, the Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the bidding documents by amendment.
- 1.7.2 All prospective bidders who have received the bidding documents will be notified of the amendment in writing or by e-mail and will be binding on them. The same would also be hosted on the website of the purchaser and all prospective bidders are expected to surf the website before submitting their bids to take cognizance of the amendments.
- 1.7.3 In order to allow prospective bidders reasonable time to take the amendment into account, while in preparing their bids, the Purchaser, at its discretion, may extend the deadline for the submission of bids and host the changes on the website of the purchaser.

- 1.7.4 In case of any amendment to the bid, it will be done at least 7 days before due date and will be published in website. Bidders are required to keep this in view before submission. Normally extension of due date will not be entertained. However in special cases if due date is extended, it will be notified under the same tender notice before 3 days of due date.

PREPARATION OF BIDS

1.8. LANGUAGE OF BID

- 1.8.1 The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in English language only especially when the details are technical.

However of GOI makes it mandatory under Rajbhasha Abhniyam in that case views of Rajbhasha unit of IISER-TVM may be sought.

- 1.8.2 The Supplier shall bear all costs of translation, if any, to the English language and all risks of the accuracy of such translation, for documents provided by the Supplier.

1.9. DOCUMENTS COMPRISING THE BID

- 1.9.1 The bid prepared by the Bidder shall include:



- a) Bidder Information
- b) Bid security declaration as specified in the Invitation to Bids.
- c) Service support details
- d) Deviation Statement if any.
- e) Performance Statement.
- f) Manufacturer's Authorization.
- g) Documentary evidence establishing that the bidder is eligible to bid and is qualified to perform the contract if its bid is accepted.
- h) Bid form.
- i) Documents establishing goods eligibility and conformity to bidding documents.
- j) Applicable Price Schedule Form.
- k) DGS&D Registration certificate in case the items under procurement falls under the restricted category of the current export-import policy of the Govt. of India.

1.10. BID FORM AND PRICE SCHEDULE

1.10.1 The bidder shall complete the Bid with the appropriate price schedule.

1.11. BID PRICES

1.11.1 The Bidder shall indicate on the appropriate price schedule, the unit prices and total bid prices of the goods it proposes to supply under the contract.

1.11.2 Prices indicated on the price-schedule form shall be entered separately in the following manner:

(A) FOR GOODS MANUFACTURED WITHIN INDIA

(i) The price of the goods quoted Ex-works including taxes already paid.

(ii) VAT and other taxes like excise duty etc [shall be shown extra] which will be payable on the goods if the contract is awarded.

a. The charges for inland transportation, insurance and other local services required for delivering the goods at the desired destination as specified in the price schedule.

b. The installation, commissioning and training charges including any incidental services, if any.

(B) FOR GOODS MANUFACTURED ABROAD

Bidders are required to show break-up of Ex-works [which should include packing and handling charges], FOB/FCA and CIF/CIP price in the quotation. IISERTVM has a mechanism for consolidation and customs clearance. The consolidators will be nominated for this purpose at the time of awarding the contract if desires so.

(i) The price of the goods, quoted on FCA (named place of delivery abroad) or FOB (named port of shipment), as specified in the price schedule.

(ii) The charges for insurance and transportation of the goods to the port/place of destination.

(iii) **The agency commission charges should be shown, if any.**

(iv) The installation, commissioning and training charges including any incidental services, if any

1.11.3 **The terms FOB, FCA, CIF, CIP etc shall be governed by the rules prescribed in the current edition of the Incoterms published by the International Chambers of Commerce, Paris.**

1.11.4 Where there is no mention of packing, forwarding, freight, insurance charges, taxes etc. such offer shall be rejected as incomplete.

1.11.5 The price quoted shall remain fixed during the contract period and shall not vary on any account

1.11.6 All lots and items must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced their prices shall be assumed to be included in the prices of other items. Lots or items not listed in the Price Schedule shall be assumed to be not included in the bid.

1.11.7 **Taxes & Duties: At actuals. The purchases made by the purchaser for scientific purpose are exempt from Custom Duty under notification 51/96.**

1.12. BID CURRENCIES

1.12.1 Prices shall be quoted in Indian Rupees for offers received for supply within India and in freely convertible foreign currency in case of offers received for supply from foreign countries.

1.13. DOCUMENTS ESTABLISHING BIDDER'S ELIGIBILITY AND QUALIFICATIONS

1.13.1 The bidder shall furnish, as part of its bid, documents establishing the bidders' eligibility to bid and its qualification to perform the contract if its bid is accepted.

1.13.2 The documentary evidence of the bidders qualification to perform the contract if the bid is accepted shall establish to the purchasers satisfaction that;

(a) The bidder meets the qualification criteria listed in bidding documents, if any.

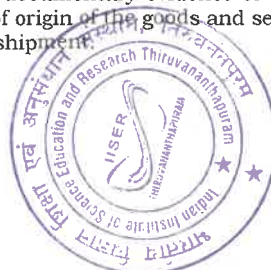
(b) Bidder that doesn't manufacture the goods it offers to supply shall submit to Manufacturers' Authorization Form (MAF) to demonstrate that it has been duly authorized by the manufacturer of the goods to quote and/or supply the goods.

(c) In case a bidder not doing business within India, it shall furnish the certificate to the effect that the bidder is or will be represented by an agent in India equipped and able to carry out the supply, maintenance, repair obligations etc. during the warranty and post warranty period or ensure a mechanism at place for carrying out the supply, maintenance, repair obligations etc. during the warranty and post-warranty period.

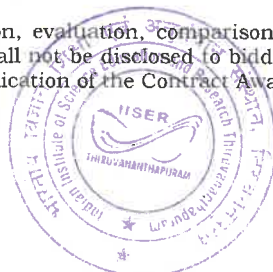
1.13.3 Conditional tenders shall not be accepted

1.14. DOCUMENTS ESTABLISHING GOODS' ELIGIBILITY AND CONFORMITY TO BIDDING DOCUMENTS

1.14.1 To establish the goods' eligibility, the documentary evidence of the goods and services eligibility shall consist of a statement on the country of origin of the goods and services offered which shall be confirmed by a certificate of origin at the time of shipment



- 1.14.2 To establish the conformity of the goods and services to the specifications and schedule of requirements of the bidding document, the documentary evidence of conformity of the goods and services to the bidding documents may be in the form of literature, drawings and data, and shall consist of:
- (a) A detailed description of the essential technical and performance characteristics of the goods;
 - (b) A list giving full particulars, including available sources and current prices, of spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods during the warranty period following commencement of the use of the goods by the Purchaser in the Priced bid; and
 - (c) An item-by-item commentary on the Purchaser's Technical Specifications demonstrating substantial responsiveness of the goods and services to those specifications or a statement of deviations and exceptions to the provisions of the Technical Specifications.
- 1.14.3 For purposes of the commentary to be furnished pursuant to above, the Bidder shall note that standards for workmanship, material and equipment, designated by the Purchaser in its Technical Specifications are intended to be descriptive only and not restrictive. The Bidder may substitute these in its bid, provided that it demonstrates to the Purchaser's satisfaction that the substitutions ensure substantial equivalence to those designated in the Technical Specifications.
- 1.15. BID SECURITY**
- 1.15.1 The Bidder shall furnish, as part of its bid, a bid security (BS) for an amount as specified in the Invitation for Bids. In the case of foreign bidders, the BS shall be submitted either by the principal or by the Indian agent and in the case of indigenous bidders; the BS shall be submitted by the manufacturer or their specifically authorized dealer/bidder.
- 1.15.2 The bid security shall be in Indian Rupees for offers received for supply within India and denominated in the currency of the bid or in any freely convertible foreign exchange in the case of offers received for supplies from foreign countries in equivalent Indian Rupees. The bid security shall be in one of the following forms at the bidders' option:
- (a) A bank guarantee issued by a Nationalized/Scheduled bank/Foreign Bank operating in India in the form provided in the bidding documents and valid for 45 days beyond the validity of the bid. In case a bidder desires to submit a BG issued from a foreign bank, then the same should be confirmed by a Nationalized/Scheduled Indian bank; or
 - (b) Fixed Deposit receipt pledged in favour of the IISER-TVM.
 - (c) A Banker's cheque or demand draft in favour of IISERTVM issued by any Nationalised/Scheduled Indian bank.
- 1.15.3 The bid security shall be payable promptly upon written demand by the purchaser in case the conditions listed in the ITB clause 15.11 are invoked.
- 1.15.4 The bid security should be submitted in its original form. Copies shall not be accepted.
- 1.15.5 While Bid security (EMD) is a requirement, the Director IISER-TVM may grant exemption of Bid security to some specific parties having sound credentials and are of national/international repute.
- 1.15.6 The bid security of unsuccessful bidder will be discharged /returned as promptly as possible positively within a period of 15 days after the expiration of the period of bid validity or placement of order whichever is later, without any interest.
- 1.15.7 The successful Bidder's bid security will be discharged upon the Bidder furnishing the performance security, without any interest. Alternatively, the BS could also be adjusted against PS, if it is paid through DD/BC.
- 1.15.8 **The firms registered with DGS&D, NSIC if any, are exempted from payment of bid security (BS) provided such registration includes the item they are offering which are manufactured by them and not for selling products manufactured by other companies.**
- 1.15.9 In case a bidder intimates at the time of tender opening in writing that the bid security is kept inside the financial bid, then in such cases, the technical bid of the party would be accepted provisionally till opening of the financial bids with which the party has attached the bid security.
- 1.15.10 The bid security may be forfeited:
- (a) If a Bidder withdraws or amends or impairs or derogates its bid during the period of bid validity specified by the Bidder on the Bid Form; or
 - (b) **In case of a successful Bidder, if the Bidder fails to furnish order acceptance within 15 days of the order or fails to sign the contract and/or fails to furnish Performance Security within 21 days from the date of contract/ order.**
- 1.16. PERIOD OF VALIDITY OF BIDS**
- 1.16.1 Bids shall remain valid for minimum of 90 days after the date of bid opening prescribed by the Purchaser. **A bid valid for a shorter period shall be rejected by the Purchaser as non-responsive.**
- 1.16.2 In exceptional circumstances, the Purchaser may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing (or by cable, telex, fax or e-mail). The bid security provided shall also be suitably extended. A Bidder may refuse the request without forfeiting its bid security. A Bidder granting the request will not be required nor permitted to modify its bid.
- 1.16.3 Bid evaluation will be based on the bid prices without taking into consideration the above corrections.
- 1.17. CONFIDENTIALITY**
- 1.17.1 Information relating to the examination, evaluation, comparison, and post qualification of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until publication of the Contract Award.



- 1.17.2 Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post qualification of the bids or contract award decisions may result in the rejection of its Bid.
- 1.18. CLARIFICATION OF BIDS**
- 1.18.1 To assist in the examination, evaluation, comparison and post qualification of the bids, the Purchaser may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing and no change in prices or substance of the bid shall be sought, offered or permitted. However, no negotiation shall be held except with the lowest bidder, at the discretion of the purchaser. Any clarification submitted by a bidder in respect to its bid which is not in response to a request by the purchaser shall not be considered.
- 1.19. CONVERSION TO SINGLE CURRENCY**
- 1.19.1 To facilitate evaluation and comparison, the Purchaser will convert all bid prices expressed in the amounts in various currencies in which the bid prices are payable to Indian Rupees at the selling exchange rate established by any bank in India on the date of bid opening in the case of single part bidding and the rates prevalent on the date of opening of the Priced bids in the case of two-part bidding. For this purpose, exchange rate notified in www.xe.com or www.rbi.org or any other website could also be used by the purchaser.
- 1.20. CONTACTING THE PURCHASER**
- 1.20.1 Subject to ITB Clause 1.24, no Bidder shall contact the Purchaser on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded.
- 1.20.2 Any effort by a Bidder to influence the Purchaser in its decisions on bid evaluation, bid comparison or contract award may result in rejection of the Bidder's bid.
- 1.21. POST QUALIFICATION**
- 1.21.1 In the absence of pre-qualification, the Purchaser will determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated responsive bid is qualified to perform the contract satisfactorily, in accordance with the criteria listed in ITB Clause 13.
- 1.21.2 The determination will take into account the eligibility criteria listed in the bidding documents and will be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, as well as such other information as the Purchaser deems necessary and appropriate.
- 1.21.3 An affirmative determination will be a prerequisite for award of the contract to the Bidder. A negative determination will result in rejection of the Bidder's bid.
- 1.22. PURCHASER'S RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS**
- 1.22.1 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to award of Contract, without thereby incurring any liability to the affected Bidder or Bidders.
- 1.23. WARRANTY**
- 1.23.1 The Supplier warrants that all the Goods are new, unused, 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.
- 1.23.2 The Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in India.
- 1.23.3 Unless otherwise specified, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated, or for eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.
- 1.23.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.
- 1.23.5 Upon receipt of such notice, the Supplier shall, within a reasonable period of time, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.
- 1.23.6 If having been notified, the Supplier fails to remedy the defect within the reasonable period of time; the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.
- 1.23.7 Goods requiring warranty replacements must be replaced on free of cost basis to the purchaser.
- 1.23.8 **Performance Guarantee:**
The successful bidder is required to submit a performance Guarantee of 3% of Purchase Order value valid during warranty period, plus two months grace period.
- 1.24. PENALTY CLAUSE**
- 1.24.1 Subject to GCC Clause on Force Majeure, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as penalty, a sum equivalent to the percentage specified in contract of the delivered price of the delayed Goods or unperformed Services or contract value for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the Percentage specified in contract. Once the maximum is reached, the Purchaser may consider termination of the Contract pursuant to GCC. Clause on Termination for Default. The SCC shall also indicate the basis for ascertaining the value on which the penalty shall be applicable
- 1.25. INSURANCE**



- 1.25.1 Should the purchaser elect to buy on CIF/CIP basis, the Goods supplied under the Contract shall be fully insured in Indian Rupees against any loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified in contract.
- 1.25.2 Where delivery of the goods is required by the purchaser on CIF or CIP basis the supplier shall arrange and pay for Cargo Insurance, naming the purchaser as beneficiary and initiate & pursue claims till settlement, on the event of any loss or damage.
- 1.25.3 Where delivery is on FOB or FCA basis, insurance would be the responsibility of the purchaser.
- 1.25.4 With a view to ensure that claims on insurance companies, if any, are lodged in time, the bidders and /or the Indian agent shall be responsible for follow up with their principals for ascertaining the dispatch details and informing the same to the Purchaser and he shall also liaise with the Purchaser to ascertain the arrival of the consignment after clearance so that immediately thereafter in his presence the consignment could be opened and the insurance claim be lodged, if required, without any loss of time. Any delay on the part of the bidder/Indian Agent would be viewed seriously and he shall be directly responsible for any loss sustained by the purchaser on the event of the delay.
- 1.26 TRANSPORTATION**
- 1.26.1 Where the Supplier is required under the Contract to deliver the Goods FOB, transport of the Goods, up to and including the point of putting the Goods on board the vessel at the specified port of loading, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract price. Where the Supplier is required under the Contract to deliver the Goods FCA, transport of the Goods and delivery into the custody of the carrier at the place named by the Purchaser or other agreed point shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract price.
- 1.26.2 Where the Supplier is required under the Contract to deliver the Goods CIF or CIP, transport of the Goods to the port of destination or such other named place of destination in the Purchaser's country, as shall be specified in the Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.
- 1.26.3 In the case of supplies from within India, where the Supplier is required under the Contract to transport the Goods to a specified destination in India, defined as the Final Destination, transport to such destination, including insurance and storage, as specified in the Contract, shall be arranged by the Supplier, and the related costs shall be included in the Contract Price.
- 1.27 PACKING**
- Should be as per standards prescribed for international trade and movement of the goods.
- 1.38 STANDARDS**
- The Goods supplied and services rendered under this Contract shall conform to the standards mentioned in the Technical Specifications and Schedule of Requirements, and, when no applicable standard is mentioned, to the authoritative standard appropriate to the Goods' country of origin and such standards shall be the latest issued by the concerned institution.
- 1.39 PERFORMANCE SECURITY**
- 1.39.1 Within 21 days of receipt of the notification of award/PO, the Supplier shall furnish performance security of 3% of Contract/ Purchase Order value in the amount specified in the Contract, valid till 60 days beyond the completion of contractual obligations.
- 1.39.2 The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
- 1.39.3 The Performance Security shall be denominated in Indian Rupees for the offers received for supplies within India and denominated in the currency of the contract in the case of offers received for supply from foreign countries.
- 1.39.4 In the case of imports, the PS may be submitted either by the principal or by the Indian agent and, in the case of purchases from indigenous sources, the PS may be submitted by either the manufacturer or their authorized dealer/bidder.
- 1.39.5 The Performance security shall be in one of the following forms:
- (d) A Bank guarantee or stand-by Letter of Credit issued by a Nationalized/Scheduled bank located in India or a bank located abroad in the form provided in the bidding documents. Or,
 - (e) A Banker's cheque or Account Payee demand draft in favour of the purchaser. Or,
 - (f) A Fixed Deposit Receipt pledged in favour of the Purchaser.
- 1.40 DELIVERY SCHEDULE :** Delivery schedule should be specified clearly
- 1.41 PAYMENT TERMS**
- For Indigenous supplies payment will be made within 30 days from the date of supply, installation & commissioning and on submission of Performance Bank Guarantee for 3% of Purchase Order value which should be valid during warranty period. However the advance payment to the vendors is not encouraged.**

Assistant Registrar (Purchase & Stores)



Annexure 7

Technical Specification

Technical Specifications for Ultra High-Performance Liquid Chromatography (UHPLC) System

IISER Thiruvananthapuram invites quotations for a fully integrated UHPLC system suitable for high-resolution analytical separation, detection, and quantification of organic compounds, pigments, and related environmental/biological samples. The complete system should include solvent delivery, online degassing, autosampler with cooling, PDA/DAD detector, column oven, chromatography software, system controller/interface, computer, columns, pigment standards/calibration kit, accessories, installation, training, warranty, and service support.

1. Eligibility and General Bid Requirements

- Bids will be entertained only from reputed OEMs/authorized distributors with proven experience in supply, installation, commissioning, and application support of similar HPLC/UHPLC systems in India.
- The bidder should provide documentary proof of successful supply and commissioning of similar systems in Government institutes, research institutes, Central/State universities, or reputed analytical laboratories in India.
- The bidder should submit a complete technical compliance statement against each specification, supported by OEM brochures, manuals, certificates, datasheets, and published product documents.
- The complete system should be brand new, unused, and free from refurbished or reconditioned components. A certificate to this effect should be submitted by the bidder/OEM.

2. Specifications of the Instrument

The system should be a fully automated/computerized UHPLC system with the following mandatory components and minimum performance requirements.

2.1 Solvent Delivery Unit / Pumping System

Parameter	Required specification
Pumping system	Dual-plunger, parallel-type, serial-type, or equivalent high-precision UHPLC pump system suitable for stable high-pressure operation.
Flow rate setting range	0.01 to 5.0000 mL/min or wider.
Maximum operating pressure	Minimum 15,000 psi or above.



Handwritten signature and date: 04/08/26

Parameter	Required specification
Flow rate accuracy	$\pm 1\%$ or better.
Flow rate precision	$\leq 0.1\%$ RSD or better.
Gradient mode	Quaternary gradient pump or better. Binary high-pressure gradient may also be accepted if performance is equivalent or better and all four-solvent operation is supported through a suitable configuration.
Gradient composition range	0-100% with setting resolution of 0.1% or better.
Gradient composition accuracy	$\pm 0.5\%$ or better.
pH compatibility	pH 3 - 12 or the widest range supported by the manufacturer for the quoted solvent-contacting parts.
Diagnostics and safety	Automatic leak detection, pressure monitoring, error diagnostics, system protection, and auto-stop/auto-recovery or equivalent safety functions.
Pump rinse/wash	Built-in or integrated automatic seal/rinse washing provision should be supplied.

2.2 Online Vacuum Degasser

Parameter	Required specification
Number of channels	Minimum 4 solvent channels
Suitability	Suitable for UHPLC gradient operation and the quoted flow-rate/pressure range.
Internal volume	Low internal-volume design, preferably $\leq 500 \mu\text{L}$ per channel, or equivalent.

2.3 Autosampler with Sample Cooling

Parameter	Required specification
Injection system	Full-loop, partial-loop, total injection, fixed-loop, variable-loop, or equivalent high-precision injection system compatible with UHPLC.
Injection volume range	0.1-50 μL or larger.
Injection volume accuracy	$\pm 1\%$ or better.
Injection volume precision	$\leq 1.0\%$ RSD or better.
Linearity	≥ 0.999 or better.
Injection cycle time	≤ 15 seconds or better, wherever applicable.
Sample capacity	Minimum 100 vials of 1.5/2.0 mL capacity or more.



[Handwritten signature]
04/08/26

Parameter	Required specification
Carryover	$\leq 0.005\%$ or better using standard test conditions specified by the OEM.
Sample cooling range	4-40 °C or wider.
Temperature accuracy	± 2 °C or better.
pH compatibility	pH 3-12 or the widest manufacturer-supported range for solvent-contacting parts.
Sample preparation	Automated sample preparation functions such as dilution, mixing, internal standard addition, or derivatization may be quoted if available as standard or optional functionality.
Status indication	The system should provide clear software and/or hardware status/error indication.

2.4 PDA/DAD Detector

Parameter	Required specification
Detector type	Photodiode array detector (PDA) or diode array detector (DAD) suitable for UHPLC applications.
Light source	Deuterium lamp and tungsten/halogen lamp, or equivalent light source covering the required wavelength range.
Wavelength range	190-800 nm or larger.
Number of diodes	Minimum 512 diodes or better; 1024 diodes or higher is preferred.
Bandwidth	< 8 nm or better.
Wavelength accuracy	± 1 nm or better.
Wavelength precision	± 0.1 nm or better.
Baseline noise	$\leq 10 \times 10^{-6}$ AU or better.
Baseline drift	$\leq 1 \times 10^{-3}$ AU/hour or better.
Linearity	Up to 2.0 AU or higher.
Flow cell	UHPLC-compatible low-volume analytical flow cell should be supplied.
Software control	Detector parameters, wavelength programming, spectral acquisition, and lamp control should be software-controlled.

2.5 Column Oven / Column Compartment

Parameter	Required specification
Temperature control	Forced-air circulation, block heating, Peltier-based, or equivalent stable temperature-control system.
Temperature range	10 °C to 80 °C
Temperature accuracy	± 1 °C or better.
Temperature precision	≤ 0.2 °C or better.



04/08/26

Parameter	Required specification
Column capacity	Should accommodate at least three analytical columns up to 300 mm length, or equivalent.
Safety	Leak sensor and thermal safety features should be available.

2.6 Chromatography Software, Data Acquisition, and System Controller

Requirement	Required specification
Software license	Lifetime and freely upgradable licensed chromatography software from OEM/manufacture.
Instrument control	Full control of pump, degasser, autosampler, detector, column oven, and system controller/interface.
Data acquisition	Real-time chromatogram monitoring, spectral data acquisition, sequence control, integration, quantification, and reporting.
Method control	Gradient programming, wavelength programming/switching, injection sequence, temperature control, and event-based triggers such as start, stop, leak/fault response, and shutdown.
Compliance	21 CFR Part 11 compliance or equivalent data integrity features should be available. Documentary proof should be provided.
Data integrity	User access control, audit trail, electronic records, electronic signatures where available, data backup/export, and secure data management features.
Diagnostics	System diagnostics, error alerts, leak detection, system readiness check, and automated protection/shutdown functions.
Automation	Automated start-up, equilibration, shutdown, purge/rinse, and smart flow ramping or equivalent system-care functions are preferred.

System controller	Suitable system controller/interface should be supplied and included in the quoted system.
Compatibility	Compatible with Windows 10/11 or latest supported operating system specified by the OEM.
Software upgrades	Software updates/upgrades and license validity terms should be clearly mentioned by the bidder/OEM.

2.7 Columns

Item	Required specification
C18 analytical column	Columns with 150 mm × 200 mm, particle size around 2.1 µm, or equivalent UHPLC-compatible C18 column.
Guard column	Compatible guard column/cartridge and holder should be quoted, if applicable.



[Handwritten signature]
04/08/26

2.8 Fluorescence Detector

Parameter	Required specification
Detector type	Fluorescence detector suitable for UHPLC applications and compatible with the quoted system and chromatography software.
Application suitability	Suitable for sensitive detection of chlorophylls and related fluorescent pigment/degradation products in phytoplankton and environmental samples.
Wavelength programmability	Programmable excitation and emission wavelength selection with software-controlled acquisition, wavelength switching, and method programming.
Excitation wavelength range	At least 200-700 nm or the widest range supported by the manufacturer; range should cover chlorophyll/pheophytin fluorescence applications.
Emission wavelength range	At least 250-800 nm or the widest range supported by the manufacturer; range should cover chlorophyll/pheophytin fluorescence applications.
Wavelength accuracy	± 2 nm or better, or as per OEM validated specification supported by brochure/datasheet.
Sensitivity/noise	Low-noise, high-sensitivity performance suitable for trace pigment analysis; OEM sensitivity/noise specification and test conditions should be clearly stated.
Flow cell	UHPLC-compatible low-volume analytical flow cell should be supplied and should be compatible with the quoted pressure/flow conditions.
Software control	Detector parameters, excitation/emission wavelength programming, data acquisition, peak integration, quantification, and reporting should be controlled through the chromatography software.

2.9 Pigment Standards and Calibration

Item	Required specification
------	------------------------



Handwritten signature and date 04/08/20

Pigment standard kit	Certified/reference-grade phytoplankton pigment standards or commercially available equivalent standards should be supplied or quoted. Individual standards, mixed standards, or equivalent validated configurations may be accepted.
Purpose	Standards should support calibration, retention-time confirmation, spectral confirmation, identification, and quantification of marker pigments used for phytoplankton functional type and ocean-colour validation studies.
Certificate of Analysis	Each standard should be supplied with Certificate of Analysis or equivalent documentation indicating purity/concentration, solvent composition, lot/batch number, expiry/retest date, storage condition, and traceability wherever available.
Concentration and solvent information	Stock concentration, working concentration guidance, solvent matrix, and recommended dilution/storage instructions should be clearly provided by the supplier/OEM.
Storage and shipment	Standards should be supplied with appropriate cold-chain/light-protected shipment and storage recommendations, preferably at -20 °C or as recommended by the manufacturer.
Compatibility	Standards should be compatible with UHPLC-PDA/DAD and fluorescence-based pigment analysis methods and common pigment extraction solvents such as acetone, methanol, and other validated solvent systems.
Validity	Remaining shelf life at the time of supply should preferably be at least 24 months, wherever commercially feasible. Expiry/retest date should be clearly stated.

2.10 Essential Spares

Item	Required specification
Essential spares	Spares required for installation and demonstration, including fittings, tubing, ferrules, solvents bottles, filters, vials/caps, Autosampler vials, caps, inserts, solvent filters, membrane filters, solvent inlet filters, and waste containers.



[Handwritten signature]
04/08/20

Solvent reservoir tray	Suitable reservoir tray with solvent bottles should be supplied. Mobile phase level monitoring, weight sensors, or equivalent solvent monitoring is preferred.
Columns	Extra C18 column of different dimensions/chemistries suitable for pigment and environmental sample analysis.
Guard columns	Extra Guard column, guard cartridges, column filters, inline filters, replacement lamps, flow cells, needle/seal kits, pump seals, check valves, capillaries, and other recommended spares.
Installation kit	All cables, tubing, fittings, start-up kits, and accessories required for installation and commissioning should be included.

2.11 PC, Printer, and Accessories

Item	Required specification
Computer	OEM high-end PC/workstation compatible with the supplied chromatography software and data acquisition requirements.
Processor/memory/storage	Latest generation processor, minimum 32 GB RAM, minimum 1 TB storage, and suitable graphics/display support. Higher configuration may be quoted if required by the software.
Monitor	Minimum 27-inch or higher is preferred.
Printer	OEM LaserJet or equivalent printer is preferred.
Operating system	Licensed Windows 10/11 supported operating system.
Connectivity	Adequate USB/LAN/serial or other required ports for instrument control and data transfer.
Key board	Full-size OEM/branded wired USB keyboard, compatible with the supplied computer and operating system.
Mouse	OEM/branded wired USB optical mouse with scroll wheel, compatible with the supplied computer and operating system.

3. Other Conditions

- The UHPLC system should be configured as an integrated system suitable for unattended/extended operation with required safety interlocks, leak detection, error alerts, and automatic shutdown/protection features.
- Cost should include supply, installation, commissioning, on-site demonstration, and application-based training at IISER Thiruvananthapuram.

Handwritten signature and date: 04/08/26



- The bidder should provide a list and quote of mandatory spares, accessories, and recommended operational spares required for at least one year of routine operation.
- Warranty should be for a minimum of three years from the date of successful installation/acceptance of the system. Warranty should cover instrument modules, support subsystems, software/interface hardware, and supplied accessories unless specifically excluded by the OEM.
- A separate quote for CAMC for a period of three years after warranty should be provided.
- Two sets of operation, maintenance, and user manuals should be supplied in English. Soft copies should also be supplied on USB drive or through official OEM download access.
- The supplier should provide details of safety measures adopted in the system, including leak sensors, pressure limits, thermal safety, emergency shutdown, and electrical safety compliance.
- The bidder should provide a last 5 years user list in India for similar HPLC/UHPLC systems with contact details, including email addresses, where permitted.
- Minimum three performance certificates from Government institutes, research institutes, Central/State universities, or reputed analytical laboratories in India should be provided.
- The quoted specifications should be demonstrated during installation/commissioning at IISER Thiruvananthapuram using mutually agreed acceptance tests.
- IISER TVM appointed committee reserves the right to request demonstration of the quoted specifications on an existing instrument installed in India during tender evaluation or before placement of purchase order.
- The supplier/OEM should have a technical and application support team based in India. Regional service support for Kerala/South India is preferred.
- On-site application training should be provided for users after successful installation for a minimum of 2-3 working days. Longer training may be quoted if recommended for the application.
- Pre-installation requirements should be submitted with the tender, including space requirement, electrical requirement, UPS requirement, temperature/humidity requirement, solvent/waste handling requirement, and dimensions/weight of individual modules.
- Delivery of the instrument should preferably be completed within 4 months from the date of purchase order. Installation should be completed within one month from intimation of site readiness after delivery.
- Availability of service, accessories, and spare parts support should be guaranteed for a minimum of 10 years from the date of installation with the Guarantee certificate.



[Handwritten signature]
04/08/26

- The OEM/authorized supplier should certify that the complete system and all major components are brand new, and that no refurbished/reconditioned parts are included.
- The bid will be considered technically responsive only if the vendor quotes for all mandatory items and provides supporting documents for all major claimed specifications.

4. Acceptance Testing

Acceptance item	Requirement
Factory Acceptance Test (FAT)	If required by IISER Thiruvananthapuram, FAT may be conducted at the manufacturer/OEM site or through an approved demonstration protocol. The FAT plan should cover major stated specifications and functions and should be mutually agreed before testing.
Site Acceptance Test (SAT)	SAT should be carried out at IISER Thiruvananthapuram after installation as per a mutually agreed test plan. The vendor should demonstrate system performance, leak-free operation, flow precision, detector stability, autosampler precision/carryover, software operation, and method/data acquisition functions.
Performance demonstration	The bidder should demonstrate key specifications and analytical performance during installation/commissioning using standard test methods and/or mutually agreed test samples.

5. Safety and Certifications

- The system should comply with applicable electrical and laboratory instrument safety standards such as CE, EMC, low-voltage directive, or equivalent international/national standards. Documentary proof should be provided wherever available.
- The system should include safety alarms for leakage, over-pressure, pump error, detector error, oven over-temperature, and other relevant malfunctions.
- Emergency stop/shutdown or equivalent safety mechanism should be available through software and/or hardware controls.
- Solvent-contacting parts should be chemically compatible with common UHPLC solvents, buffers, and the stated pH range as per OEM recommendations.

6. Documents to be Submitted with the Technical Bid

- OEM authorization certificate, if the bidder is not the manufacturer.
- Point-by-point technical compliance statement.
- OEM brochures, datasheets, manuals, and published documents supporting quoted specifications.


04/08/24



- Certificate confirming that the system is brand new and contains no refurbished parts.
- Warranty certificate and service terms.
- Details of service support, application support, local/regional support, telephone numbers, and email addresses.
- User list and minimum three performance certificates from relevant Indian institutions/laboratories.
- Pre-installation requirements and site preparation checklist.
- List of mandatory and recommended spares with price quote.
- CAMC quote for post-warranty period.
- Safety and certification documents.


04/08/26



Compliance List for Ultra High-Performance Liquid Chromatography (UHPLC) System

Serial no	IISER TVM Specifications	Compliance statement by company (Yes/No)	Deviations if any	Remarks
Ultra High-Performance Liquid Chromatography (UHPLC) System				
Technical Specifications of the Instrument				
1	A fully integrated UHPLC system suitable for high-resolution analytical separation, detection, and quantification of organic compounds, pigments, and related environmental/biological samples. The complete system should include solvent delivery, online degassing, autosampler with cooling, PDA/DAD detector, column oven, chromatography software, system controller/interface, computer, columns, pigment standards/calibration kit, accessories, installation, training, warranty, and service support.			Supporting document to be attached.
2	The system should be a fully automated/computerized UHPLC system with the following mandatory components and minimum performance requirements.			
Solvent Delivery Unit / Pumping System				
3	Pumping system: Dual-plunger, parallel-type, serial-type, or equivalent high-precision			

	UHPLC pump system suitable for stable high-pressure operation.			
4	Flow rate setting range: 0.01 to 5.0000 mL/min or wider.			
5	Maximum operating pressure: Minimum 15,000 psi or above.			
6	Flow rate accuracy: $\pm 1\%$ or better.			
7	Flow rate precision: $\leq 0.1\%$ RSD or better.			
8	Gradient mode: Quaternary gradient pump or better. Binary high-pressure gradient may also be accepted if performance is equivalent or better and all four-solvent operation is supported through a suitable configuration.			
9	Gradient composition range: 0-100% with setting resolution of 0.1% or better.			
10	Gradient composition accuracy: $\pm 0.5\%$ or better.			
11	pH compatibility: pH 3 - 12 or the widest range supported by the manufacturer for the quoted solvent-contacting parts.			
12	Diagnostics and safety: Automatic leak detection, pressure monitoring, error diagnostics, system protection, and auto-stop/auto-recovery or equivalent safety functions.			
13	Pump rinse/wash: Built-in or integrated automatic seal/rinse washing provision should be supplied.			
Online Vacuum Degasser				
14	Number of channels: Minimum 4 solvent channels			
15	Suitability: Suitable for UHPLC gradient operation and the quoted flow-rate/pressure range.			

16	Internal volume: Low internal-volume design, preferably ≤ 500 μL per channel, or equivalent.			
Autosampler with Sample Cooling				
17	Injection system: Full-loop, partial-loop, total injection, fixed-loop, variable-loop, or equivalent high-precision injection system compatible with UHPLC.			
18	Injection volume range: 0.1-50 μL or larger.			
19	Injection volume accuracy: $\pm 1\%$ or better.			
20	Injection volume precision: $\leq 1.0\%$ RSD or better.			
21	Linearity: ≥ 0.999 or better.			
22	Injection cycle time: ≤ 15 seconds or better, wherever applicable.			
23	Sample capacity: Minimum 100 vials of 1.5/2.0 mL capacity or more.			
24	Carryover: $\leq 0.005\%$ or better using standard test conditions specified by the OEM.			
25	Sample cooling range: 4-40 $^{\circ}\text{C}$ or wider.			
26	Temperature accuracy: ± 2 $^{\circ}\text{C}$ or better.			
27	pH compatibility: pH 3-12 or the widest manufacturer-supported range for solvent-contacting parts.			
28	Sample preparation: Automated sample preparation functions such as dilution, mixing, internal standard addition, or derivatization may be quoted if available as standard or optional functionality.			
29	Status indication: The system should provide clear software and/or hardware status/error indication.			
PDA/DAD Detector				
30	Detector type: Photodiode array detector (PDA) or diode array detector (DAD) suitable			

	for UHPLC applications.			
31	Light source: Deuterium lamp and tungsten/halogen lamp, or equivalent light source covering the required wavelength range.			
32	Wavelength range: 190-800 nm or larger.			
33	Number of diodes: Minimum 512 diodes or better; 1024 diodes or higher is preferred.			
34	Bandwidth: ≤ 8 nm or better.			
35	Wavelength accuracy: ± 1 nm or better.			
36	Wavelength precision: ± 0.1 nm or better.			
37	Baseline noise: $\leq 10 \times 10^{-6}$ AU or better.			
38	Baseline drift: $\leq 1 \times 10^{-3}$ AU/hour or better.			
39	Linearity: Up to 2.0 AU or higher.			
40	Flow cell: UHPLC-compatible low-volume analytical flow cell should be supplied.			
41	Software control: Detector parameters, wavelength programming, spectral acquisition, and lamp control should be software-controlled.			

Column Oven / Column Compartment

42	Temperature control: Forced-air circulation, block heating, Peltier-based, or equivalent stable temperature-control system.			
43	Temperature range: 10 °C to 80 °C			
44	Temperature accuracy: ± 1 °C or better.			
45	Temperature precision: ≤ 0.2 °C or better.			
46	Column capacity: Should accommodate at least three analytical columns up to 300 mm length, or equivalent.			
47	Safety: Leak sensor and thermal safety features should be available.			

Chromatography Software, Data Acquisition, and System Controller

48	Software license: Lifetime and freely upgradable licensed chromatography software from OEM/manufacture.			
49	Instrument control: Full control of pump, degasser, autosampler, detector, column oven, and system controller/interface.			
50	Data acquisition: Real-time chromatogram monitoring, spectral data acquisition, sequence control, integration, quantification, and reporting.			
51	Method control: Gradient programming, wavelength programming/switching, injection sequence, temperature control, and event-based triggers such as start, stop, leak/fault response, and shutdown.			
52	Compliance: 21 CFR Part 11 compliance or equivalent data integrity features should be available. Documentary proof should be provided.			Supporting document to be attached.
53	Data integrity: User access control, audit trail, electronic records, electronic signatures where available, data backup/export, and secure data management features.			
54	Diagnostics: System diagnostics, error alerts, leak detection, system readiness check, and automated protection/shutdown functions.			
55	Automation: Automated start-up, equilibration, shutdown, purge/rinse, and smart flow ramping or equivalent system-care functions are preferred.			
56	System controller: Suitable system controller/interface should be supplied and included in the quoted system.			
57	Compatibility: Compatible with Windows			

	10/11 or latest supported operating system specified by the OEM.			
58	Software upgrades: Software updates/upgrades and license validity terms should be clearly mentioned by the bidder/OEM.			
Columns and Essential spares				
59	C18 analytical column: Columns with 150 mm × 200 mm, particle size around 2.1 µm, or equivalent UHPLC-compatible C18 column.			
60	Guard column: Compatible guard column/cartridge and holder should be quoted, if applicable.			
61	Essential spares: Initial spares required for installation and demonstration, including fittings, tubing, ferrules, solvents bottles, filters, vials/caps, and related accessories, should be quoted.			
Fluorescence Detector				
62	Detector type: Fluorescence detector suitable for UHPLC applications and compatible with the quoted system and chromatography software.			
63	Application suitability: Suitable for sensitive detection of chlorophylls and related fluorescent pigment/degradation products in phytoplankton and environmental samples.			
64	Wavelength programmability: Programmable excitation and emission wavelength selection with software-controlled acquisition, wavelength switching, and method programming.			
65	Excitation wavelength range: At least 200-700 nm or the widest range supported by the manufacturer; range should cover			

	chlorophyll/pheophytin fluorescence applications.			
66	Emission wavelength range: At least 250-800 nm or the widest range supported by the manufacturer; range should cover chlorophyll/pheophytin fluorescence applications.			
67	Wavelength accuracy: ± 2 nm or better, or as per OEM validated specification supported by brochure/datasheet.			Supporting document to be attached.
68	Sensitivity/noise: Low-noise, high-sensitivity performance suitable for trace pigment analysis; OEM sensitivity/noise specification and test conditions should be clearly stated.			
69	Flow cell: UHPLC-compatible low-volume analytical flow cell should be supplied and should be compatible with the quoted pressure/flow conditions.			
70	Software control: Detector parameters, excitation/emission wavelength programming, data acquisition, peak integration, quantification, and reporting should be controlled through the chromatography software.			
Pigment Standards and Calibration				
71	Pigment standard kit: Certified/reference-grade phytoplankton pigment standards or commercially available equivalent standards should be supplied or quoted. Individual standards, mixed standards, or equivalent validated configurations may be accepted.			
72	Purpose: Standards should support calibration, retention-time confirmation, spectral confirmation, identification, and quantification			

	of marker pigments used for phytoplankton functional type and ocean-colour validation studies.			
73	Certificate of Analysis: Each standard should be supplied with Certificate of Analysis or equivalent documentation indicating purity/concentration, solvent composition, lot/batch number, expiry/retest date, storage condition, and traceability wherever available.			Supporting document to be attached.
74	Concentration and solvent information: Stock concentration, working concentration guidance, solvent matrix, and recommended dilution/storage instructions should be clearly provided by the supplier/OEM.			
75	Storage and shipment: Standards should be supplied with appropriate cold-chain/light-protected shipment and storage recommendations, preferably at -20 °C or as recommended by the manufacturer.			
76	Compatibility: Standards should be compatible with UHPLC-PDA/DAD and fluorescence-based pigment analysis methods and common pigment extraction solvents such as acetone, methanol, and other validated solvent systems.			
77	Validity: Remaining shelf life at the time of supply should preferably be at least 24 months, wherever commercially feasible. Expiry/retest date should be clearly stated.			
PC, Printer, and Accessories				
78	Computer: Branded high-end PC/workstation compatible with the supplied chromatography software and data acquisition requirements.			
79	Processor/memory/storage: Latest generation processor, minimum 32 GB RAM, minimum 1			

	TB storage, and suitable graphics/display support. Higher configuration may be quoted if required by the software.			
80	Monitor: Minimum 27-inch or higher is preferred, OEM Keyboard and OEM Mouse.			
81	Printer: LaserJet or equivalent printer may be quoted if required for reporting.			
82	Operating system: Licensed Windows 10/11 or latest OEM-supported operating system.			
83	Connectivity: Adequate USB/LAN/serial or other required ports for instrument control and data transfer.			
84	Solvent reservoir tray: Suitable reservoir tray with solvent bottles should be supplied. Mobile phase level monitoring, weight sensors, or equivalent solvent monitoring is preferred.			
85	Installation kit: All cables, tubing, fittings, start-up kits, and accessories required for installation and commissioning should be included.			

Essential Spare Columns and Parts to Be Included				
86	Extra one C18 columns of different dimensions/chemistries suitable for pigment and environmental sample analysis.			
87	Extra one guard columns, guard cartridges, column filters, inline filters, replacement lamps, flow cells, needle/seal kits, pump seals, check valves, capillaries, and other recommended spares.			
88	Autosampler vials, caps, inserts, solvent filters, membrane filters, solvent inlet filters, and waste containers.			
89	Additional software modules, 21 CFR Part 11/data integrity module, network database			Supporting document to

	option, or additional user licenses if not included in the base offer.			be attached.
90	Comprehensive Annual Maintenance Contract (CAMC) for at least three years after completion of warranty.			Supporting document to be attached.
Eligibility and General Bid Requirements				
91	Bids will be entertained only from reputed OEMs/authorized distributors with proven experience in supply, installation, commissioning, and application support of similar HPLC/UHPLC systems in India.			
92	The bidder should provide documentary proof of successful supply and commissioning of similar systems in Government institutes, research institutes, Central/State universities, or reputed analytical laboratories in India.			Supporting document to be attached.
93	The bidder should submit a complete technical compliance statement against each specification, supported by OEM brochures, manuals, certificates, datasheets, and published product documents.			Supporting document to be attached.
94	The complete system should be brand new, unused, and free from refurbished or reconditioned components. A certificate to this effect should be submitted by the bidder/OEM.			Supporting document to be attached.
95	All mandatory items required for successful installation, commissioning, operation, and demonstration should be included in the technical and financial bid.			
Other Conditions				
96	The UHPLC system should be configured as an integrated system suitable for unattended/extended operation with required safety interlocks, leak detection, error alerts,			

	and automatic shutdown/protection features.			
97	Cost should include supply, installation, commissioning, on-site demonstration, and application-based training at IISER Thiruvananthapuram.			
98	The bidder should provide a list and quote of mandatory spares, accessories, and recommended operational spares required for at least one year of routine operation.			
99	Warranty should be for a minimum of three years from the date of successful installation/acceptance of the system. Warranty should cover instrument modules, support subsystems, software/interface hardware, and supplied accessories unless specifically excluded by the OEM.			Supporting document to be attached.
100	A separate quote for CAMC for a period of three years after warranty should be provided.			Supporting document to be attached.
101	Two sets of operation, maintenance, and user manuals should be supplied in English. Soft copies should also be supplied on USB drive or through official OEM download access.			Supporting document to be attached.
102	The supplier should provide details of safety measures adopted in the system, including leak sensors, pressure limits, thermal safety, emergency shutdown, and electrical safety compliance.			Supporting document to be attached.
103	The bidder should provide a last 5 years user list in India for similar HPLC/UHPLC systems with contact details, including email addresses, where permitted.			Supporting document to be attached.
104	Minimum three performance certificates from Government institutes, research institutes,			Supporting document to

	Central/State universities, or reputed analytical laboratories in India should be provided.			be attached.
105	The quoted specifications should be demonstrated during installation/commissioning at IISER Thiruvananthapuram using mutually agreed acceptance tests.			
106	IISER TVM appointed committee reserves the right to request demonstration of the quoted specifications on an existing instrument installed in India during tender evaluation or before placement of purchase order.			
107	The supplier/OEM should have a technical and application support team based in India. Regional service support for Kerala/South India is preferred.			Supporting document to be attached.
108	On-site application training should be provided for users after successful installation for a minimum of 2-3 working days. Longer training may be quoted if recommended for the application.			
109	Pre-installation requirements should be submitted with the tender, including space requirement, electrical requirement, UPS requirement, temperature/humidity requirement, solvent/waste handling requirement, and dimensions/weight of individual modules.			
110	Delivery of the instrument should preferably be completed within 4 months from the date of purchase order. Installation should be completed within one month from intimation of site readiness after delivery.			
111	Availability of service, accessories, and spare			Supporting

	parts support should be guaranteed for a minimum of 10 years from the date of installation with the Guarantee certificate.			document to be attached.
112	The OEM/authorized supplier should certify that the complete system and all major components are brand new, and that no refurbished/reconditioned parts are included.			
113	The bid will be considered technically responsive only if the vendor quotes for all mandatory items and provides supporting documents for all major claimed specifications.			Supporting document to be attached.
Acceptance Testing				
114	Factory Acceptance Test (FAT): If required by IISER Thiruvananthapuram, FAT may be conducted at the manufacturer/OEM site or through an approved demonstration protocol. The FAT plan should cover major stated specifications and functions and should be mutually agreed before testing.			
115	Site Acceptance Test (SAT): SAT should be carried out at IISER Thiruvananthapuram after installation as per a mutually agreed test plan. The vendor should demonstrate system performance, leak-free operation, flow precision, detector stability, autosampler precision/carryover, software operation, and method/data acquisition functions.			
116	Performance demonstration: The bidder should demonstrate key specifications and analytical performance during installation/commissioning using standard test methods and/or mutually agreed test samples.			
Safety and Certifications				

117	The system should comply with applicable electrical and laboratory instrument safety standards such as CE, EMC, low-voltage directive, or equivalent international/national standards. Documentary proof should be provided wherever available.			Supporting document to be attached.
118	The system should include safety alarms for leakage, over-pressure, pump error, detector error, oven over-temperature, and other relevant malfunctions.			
119	Emergency stop/shutdown or equivalent safety mechanism should be available through software and/or hardware controls.			
120	Solvent-contacting parts should be chemically compatible with common UHPLC solvents, buffers, and the stated pH range as per OEM recommendations.			

Documents to be Submitted with the Technical Bid

121	OEM authorization certificate, if the bidder is not the manufacturer.			Supporting document to be attached.
122	Point-by-point technical compliance statement.			Supporting document to be attached.
123	OEM brochures, datasheets, manuals, and published documents supporting quoted specifications.			Supporting document to be attached.
124	Certificate confirming that the system is brand new and contains no refurbished parts.			Supporting document to be attached.
125	Warranty certificate and service terms.			Supporting document to be attached.
126	Details of service support, application support,			Supporting

	local/regional support, telephone numbers, and email addresses.			document to be attached.
127	User list and minimum three performance certificates from relevant Indian institutions/laboratories.			Supporting document to be attached.
128	Pre-installation requirements and site preparation checklist.			Supporting document to be attached.
129	List of mandatory and recommended spares with price quote.			Supporting document to be attached.
130	CAMC quote for post-warranty period.			Supporting document to be attached.
131	Safety and certification documents.			Supporting document to be attached.

Annexure -8

(ON COMPANY LETTER HEAD)

Declaration of Local Content

(In case the procurement value is less than or equal to Rs. 10 Crores declaration to be given in Bidder's/Company's letter head and if more than Rs. 10 Crores declaration to be issued from the statutory auditor or cost auditor of the company (in case of companies from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies)

To,
The Director,
Indian Institute of Science Education and Research Thiruvananthapuram,
Maruthamala P.O., Vithura, Thiruvananthapuram, Kerala, India – 695551

Subject: Declaration of local content and compliance of Public Procurement (Preference to Make in India) Order 2017 and its amendments regarding.

Sl No	Name of the goods/service/works	Category of the supplier (Class I / II / III)	Local Content (%)	Location at which value addition is made	Country of Origin	Comply to the above referred rule (Yes / No)
1						
2						
3						

- “Local Content” means the amount of value added in India which shall, be the total value of the item being offered (excluding net domestic indirect taxes) minus the value of the imported content in the item (including all customs duties) as a proportion of the total value, in percent.
- False declarations will be in breach of Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151(iii) of the General Financial Rules along with such other actions permissible under law.

Date:

Place:

Signature with Date and Stamp of the Bidder

Annexure 9

(ON COMPANY LETTER HEAD)

CERTIFICATE BY THE BIDDER (FOR TENDERS)

(ON COMPANY LETTER HEAD)

"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 country, has been registered with the Competent Authority. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority shall be attached.]"

Date:

Place:

Signature with Date and Stamp of the Bidder

Annexure _10
CERTIFICATE
(ON COMPANY LETTER HEAD)

I hereby certify that we M/s

_____ (name and address of the firm) is neither blacklisted by any Central/ State Government / Public Undertaking/ Institute nor is any criminal case registered / pending against the firm or its owner / partners anywhere in India.

I also certify that the above information is true and correct in every aspect 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 summarily terminated and the firm blacklisted.

Date:

Place:

Signature with Date and Stamp of the Bidder

CHECK LIST OF DOCUMENT REQUIRED

<u>Ser</u>	<u>List of documents required</u>	<u>Yes / No</u>
1.	Tender Acceptance Letter as per Annexure 3	
2.	EMD Details	
3.	Brochure/ Catalogue/ Datasheet	
4.	Technical Compliance statement with tender specifications	
5.	BoQ	
6.	Statutory Registration Certificates	
7.	Previous purchase orders (if any)	
8.	Tender document duly signed on all pages along with bidders seal.	
9.	Self-certification regarding local content as per Annexure 8	
10	Declaration of border sharing as per Annexure 9	
11	Declaration for non-blacklisted firm as per Annexure 10	
11	Other documents pertaining to technical aspects	
12.	Any other document as provided in technical specifications	