

SINGLE TENDER FOR SUPPLY INSTALLATION AND COMMISSIONING OF CRYSTALLIZATION PIPETTOR MACHINE AT INDIAN INSTITUTE OF TECHNOLOGY dhArwAD

NOTICE INVITING TENDER (NIT) / RFP

1.	Bid No.		IITDH/PAC/MMD/CHEM/2025-26/01
2.	Description		TENDER FOR SUPPLY INSTALLATION AND COMMISSIONING OF CRYSTALLIZATION PIPETTOR MACHINE AT INDIAN INSTITUTE OF TECHNOLOGY dhArwAD
3.	Tender Category		GOODS
4.	Tender Type		PAC
5.	No. of Covers		1
6.	Submission of Bids: ON CPP PORTAL ONLY		
7.	Cover No.	Cover Type	Description
	1	Techno-Commercial	Commercial Bid
8.	Single Bid System: - The single bid system will be followed for this tender. Note: The technical offer should not contain any price information. If the price quoted is submitted in technical bid the tender will be rejected by IIT DhArwAD.		
9.	Form of Contract		Buy
10	Bid Validity (Days):		90 Days
11	Period of Work/Delivery Period (Days)		Delivery period 120 days
12	Delivery Location		IIT dhArwAD Permanent Campus, ChikkamalligawAD, dhArwAD, KarnATaka, India
13	Pin Code		580011
14	Tender Inviting Authority:		Registrar, IIT dhArwAD Address: IIT dhArwAD Permanent Campus, ChikkamalligawAD, dhArwAD, KarnATaka, India

Section – I: Instructions to Bidders

1. Indian Institute of Technology dhArwAD invites tender ON CPP portal from M/s SPT Labtech India Pvt. Ltd., Faridabad for the items Sl.No.2 of page 1 of this document and as per the Technical Specifications given in the Section III of this document.
2. The bidder should note that the technical specifications mentioned in **Section III** form the core of the product. The offers must strictly be as per the specifications given. At the same time, it must be kept in mind that mere copying of our specifications in the quotation shall not make the technical bid eligible for consideration. **A bid has to be supported with original catalogue of the quoted item/s duly signed by the authorised person participating in the bid.** Non-compliance with above shall be treated as incomplete/ambiguous and the bid may be ignored without giving an opportunity to the bidder for further clarification/negotiation etc.
3. The bidder shall ensure that the bid submitted by him includes all accessories (as per annexures) for full execution of contract. The bidder shall not charge extra for additional items required to meet the operational requirement at the stage of installation and commissioning.
4. Procedure for Bid Submission: **Bids can be submitted only through CPP portal.**
5. The tenderer must submit all documents required for evaluation of the bid and sought in the RFP as forming part of technical evaluation with signature and seal of the competent authority of the firm. In the event of non-receipt of any of the documents forming part of Technical Bid, tenderer may be disqualified from the process. No paper relating to the technical bid will be received during the Technical Bid evaluation or afterwards unless specifically called for by the Committee. Further, any separate correspondence in the matter shall also not be entertained.
6. During evaluation of the Bid, the committee will scrutinize the documents mentioned above and may forward any or all the documents to the concerned authorities for verification and authentication. In case of any document(s) as submitted by the tenderer is found/reported to be fake, the tenderer will be out of the tendering process and suitable legal action may be initiated against the tenderer.
7. Besides, scrutinizing the documents submitted with the bid, the tenderer may be interviewed by the Committee to assess the eligibility, capability, and suitability of the tenderer.
8. The above-mentioned basic eligibility conditions and additional clauses are broad guidelines for pre-qualification and the Director, IIT dhArwAD hereby reserves the right to relax/ alter/ modify/ add any or all the conditions.

Section - II: General Conditions of Contract

1. Evaluation of Bid:

- a) Techno-commercial bids will be evaluated for suitability as per documentary validation, eligibility criteria and technical specifications laid out in this tender document. The bids found suitable will be recommended by the committee and after approval of competent authority shall be deemed as technically suitable offers.
- b) In case any BIDDER is silent on any clauses mentioned in the bid documents, IIT DhArwAD shall construe that the BIDDER has accepted the clauses of the tender and no further claim will be entertained.
- c) No revision in the terms and conditions quoted in the offer will be entertained after the last date and time fixed for receipt of tenders.
- d) **PRICE BID must be submitted as per enclosed BoQ (in INR).**

2. 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 Competent Authority in compliance with Dept. of Expenditure Ministry of Finance OM No. F.No.6/18/2019-PPD dt. 23/07/2020 as amended from time to time.

3. Corrupt & Fraudulent Practices:

IIT dhArwAD 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, the terms set forth below are defined as follows:

- a) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of in kind/value to influence the action of a public official in the procurement process or in contract execution;
- b) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;
- c) "Collusive practice" means a scheme or arrangement between two or more bidders, designed to establish bid prices at artificial, non- competitive levels; and
- d) "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;
- e) IIT dhArwAD 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.

4. Training and pre-installation checks:

- a) The BIDDER shall also submit training proposal for the operation and maintenance to the personnel of IIT dhArwAD on the offered equipment/machinery.
- b) Wherever needed, our technical persons should be trained by the supplier at the project site free of cost.
- c) The bidder shall mention the pre-installation requirements for the equipment like ambient temperature, humidity, civil work, weather specifications, power specifications, etc. When all items are provided, full performance satisfaction should be demonstrated to IIT dhArwAD.

5. Terms of Payment: (For Indigenous Supplies):

Payment within 30 days from the date of delivery, installation, commissioning, demonstration, training, testing and receipt of Acceptance Certificate of concerned Department/Section/ Materials Management Division, IIT Dharwad. Payment shall be made by electronic fund transfer or such other mode offered by the Bank. IIT Dharwad does not pay advance payment to party. Any request of Advance payment will be summarily rejected.

6. Transfer and Subletting:

The seller shall not sublet, transfer, assign or otherwise part with the acceptance to the tender or any part thereof, either directly or indirectly, without the prior written permission of the Purchaser.

7. **Delivery terms (only DDP, IIT DHARWAD mode of shipment acceptable):**

Items should be delivered to the specified location in the permanent campus of IIT dhArwAD, Karnataka, India – 580011, free of cost. The supplier should arrange for entire process from origin of equipment to the Stores at IIT dhArwAD (including charges for safe packing, Marking & labelling, loading charges, road/air freight, insurance of goods, unloading charges, transport & unloading at buyer destination, installation, commissioning, demonstration and training; within the quoted price).

8. **Freight & Insurance:**

No freight and insurance charges will be provided and the materials are to be delivered at IIT dhArwAD Permanent Campus, IIT dhArwAD at the cost and risk of the supplier/Bidder within quoted price as per the delivery terms mentioned in the above paragraphs.

9. **Warranty Condition:**

- The Bidder/supplier must give a **comprehensive on-site support and maintenance** for a period specified as a part of the specifications in respect of the subject item (mentioned in Section-IV) from the date of commissioning and acceptance of the items.
- The warranty provided shall be comprehensive, meaning, it must include the cost of the spares, materials, manpower and any other incidental expenses thereto.
- Any deviation in the equipment and the specification from the accepted terms and conditions may lead to rejection and non-acceptance of stores. In such case, the bidder/manufacturer is required to supply all the items in the specified form to the satisfaction/ specifications mentioned in the order and demonstrate at their own cost. The payments shall be made only after receiving the materials as per required specification and quality to the satisfaction of the competent authority of IIT dhArwAD.

10. **Installation & Demonstration:**

- The supplier is required to carry out the supply, installation, commissioning & demonstration of the subject item at the permanent campus of IIT dhArwAD installation site within the delivery period; otherwise, the penalty clause will be the same as per the supply of material (refer to the liquidated damages below).
- In case of any mishandling/damage to items and supplies during carriage from the origin of items to the installation site, the supplier has to replace it with new items/supplies immediately at his own risk of cost. Supplier will settle his claim with the insurance company as per his convenience. IIT dhArwAD will not be liable for any type of losses in any form.
- BIDDER shall be responsible for installation / demonstration wherever applicable and for after sales service during the warranty period and thereafter as mentioned in the contract.
- Installation demonstration to be arranged by the supplier within the quoted price and the same is to be done within 15 days of the arrival of the equipment at site or whenever informed by IIT dhArwAD.

11. **Liquidated Damages:**

The equipment should be delivered/dispatched to destination and ready for use not later than the delivery period specified. If the supplier/Bidder fails to deliver any or all the stores or perform the service by the specified date, liquidated damages @0.5% per week or part thereof in respect of the value of the delayed stores will be deducted from the bill subject to a maximum of 10% value. Same terms are applicable for installation, training and demonstration clause mentioned above.

12. **Dispute and Jurisdiction:**

Any legal disputes arising out of any breach of contract pertaining to the whole process of this tender shall be settled in the court of competent jurisdiction in the district of dhArwAD, Karnataka.

13. Cancellation of Tender:

- a) Notwithstanding anything specified in this tender document, Purchaser/IIT dhArwAD in his sole discretion, unconditionally and without assigning any reasons, reserves the rights:
 - i. To accept or reject lowest tender or any other tender or all the tenders.
 - ii. To accept any tender in full or in part.
 - iii. To reject the tender, offer not confirming to the tender terms.
 - iv. To cancel the tender at any stage during the evaluation & before award of work
- b) Offer which deviates from the vital conditions (as illustrated below) of the tender shall be rejected:
 - i. Non-submission of complete offers as mentioned in the tender document,
 - ii. Receipt of offers after due date and time and or by email / fax (unless specified otherwise).
 - iii. Receipt of offers in open condition.
 - iv. Conditional Tenders and Unsigned Tenders will also be rejected.

14. Force Majeure:

- a) The Supplier shall not be liable for imposition of 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.
- b) For purposes of this Clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the Purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- c) If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof. 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.

15. Supervision of Commissioning:

Successful BIDDER shall depute concerned specialist, for supervision of commissioning of the machine to be carried out. The successful BIDDER shall make necessary arrangement at their own expenses for stay, transport and other expenses of their specialist during their stay in DhArwAD which also includes imparting free of cost training to IIT dhArwAD personnel.

16. The Institute Reserves the Right to:

- a) Increase or decrease the quantity of the item(s) as per requirement.
- b) Reject the bid in absence of not furnishing the documentary evidence in respect of GST and Income Tax clearance certificates together with the performance of supplies in various branches/institutions.
- c) Reject the bid in the event of non-furnishing the authentic documentary evidence in respect of Testing reports / Performance report of the concerned Govt. Organization / Institutions about the products being manufactured and marketed. The performance test of the product can be conducted at Institute level also for which charge will have to be borne by the suppliers.
- d) Reject the supplies already made, if not found up to the mark. Thorough checking may be adopted to test the correctness of the supply. In such an event further action may call to conform or discard the supply.

17. Performance Guarantee (as per GFR 2017 Rule 171):

- a) Successful bidder must furnish 5% of the contract value as a performance security for a period of 02 months beyond the expiry of all warranty and maintenance contract related obligations within 15 days of acceptance of the Purchase Order.
- b) Performance Security may be furnished in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt from a Commercial bank, Bank Guarantee from a Commercial bank or online payment in an acceptable form safeguarding the purchaser's interest in all respects as per GFR 2017, Rule 171 and as amended from time to time

Section – III Complete Schedule of Requirements and Compliance

This section has following compliance requirements:	
i	Compliance for technical specifications of the equipment to be supplied

i. Table of compliance for technical specifications of the equipment to be supplied (to be filled by bidder)

TECHNICAL SPECIFICATION FOR CRYSTALLIZATION PIPETTOR MACHINE

Specifications of the required product	Specifications of the quoted product
Pipetting accuracy: extremely accurate and precise pipetting of volumes between 25 nl and 1 µl - with an accuracy of <5% CVs at 1 µl.	
Dispensing type: True positive (piston based) displacement with zero cross-contamination between pipetting steps to eliminate any chance of carry over between samples.	
Tip capacity: System must be able to store and automatically load (with no manual intervention) enough disposable pipette tips to run >250 x 96 well plates. Enabling a significant number of experiments to be produced each day without the need to reload pipettes between each plate.	
Wash Steps: Zero washing of lines or tips between pipetting steps. Minimum accessible volume: should be 10 nl or less. Dead volume of the system: should be 0.3 µl or less.	
Experimental capability: Setting up crystallization trials in SBS-format 96-well plates for all of the following techniques - sitting drop vapour diffusion, handing drop vapour diffusion, microbatch, additive screening, seeding, lipidic cubic phase and bicelles (note - if we use seeding and bicelles a 4way deck is needed).	
Liquid handling performance: capable of accurately dispensing very small volumes of highly viscous liquids such as 50% (w/v) polyethylene glycol 4000 at temperatures between 4°C and 37°C.	
Active Humidity Control – the system should have a software-controlled humidity chamber to protect drops from evaporation by offering precise control of the humidity with a setpoint accuracy of +/- 5%. This should be removable if required.	
Number of drops per well: Capable of creating at least three multi-component drops per well within a 96-well sitting or hanging drop plate.	
Speed: The plate setup time should be <2 min for standard plates and <4 mins for LCP depending on protocol.	
Capacity: Min 3 positions for crystallization plates.	
Pipette tips – Min 75,000 pipette tips should be included	
Compatibility: Compatible with all standard crystallization screens, detergent micelles (ionic and non-ionic), detergent/lipid bicelles.	
User friendliness: Easily accessible to first-time users in a multi-user environment.	
Software: Touch screen application-led windows-based software with pre-defined experimental templates and video guides.	
Software Licence fees: One off perpetual site license for an unlimited number of seats within the site. No need to pay for or be obliged to pay for an annual software license to run the system or for additional seats once a limit is reached.	
Size and weight: The system should fit on a laboratory bench no wider than 1 metre. Height should be less than 1 metre. Depth should be less than 50 cm. Weight should be <50 kg.	
Warranty -3 years comprehensive warranty and AMC-2 years with a total of 5 years of coverage for the entire machine.	
Suitable UPS and PC should be included. There should be Minimum 5 installations in India for same applications and performance satisfactory certificate from min 5 users must be included.	

In addition to above specification the vendor/bidder has to provide catalogue/ brochure/ manuals and necessary technical documents in respect to the line item.

I/We M/s_____ hereby declare and certify that we comply with all the above specifications.

Authorized Signatory with Seal

Annexure-I

UNDERTAKING REGARDING BLACKLISTING / NON – DEBARMENT

We hereby confirm and declare that we, M/s -----, is/are not under any active debarment from Ministry of Finance and/or Ministry of Education as on the date of bid submission.

Any change in the above status during the evaluation of the present bid shall be intimated to IIT dhArwAD immediately.

Date:

(Authorised signature & seal of the bidder)

Annexure-II

Format for providing experience details

(Bidders should only submit those purchase orders along with work completion certificates which are similar in nature to the present tender and meeting the financial requirement)

Sl. No.	Year	Name of the Client	Order No. & Date	Contract value per	Remark
					Supporting documents are to be attached.

Date:

(Authorised signature & seal of the bidder)

(Annexure-III)

Price Bid

S. No	Description of Item & Specification	Qty	HSN Code / SAC Code	Total Bid Price* (in INR & DDP Basis)
1.	SUPPLY INSTALLATION AND COMMISSIONING OF CRYSTALLIZATION PIPETTOR MACHINE	01 Nos		
2.	Discount offered (if any), on base price quoted			
3.	Sub-Total			
4.	IGST / CGST / SGST@ applicable Rates			
5.	GRAND TOTAL BID PRICE			

Authorised Signatory