



# INSTITUTE OF NANO SCIENCE AND TECHNOLOGY, MOHALI

(An autonomous Research Institute of Department of Science and Technology,  
Government of India)

Knowledge City, Sector 81, Mohali – 140306, PUNJAB

Phone No: 0172 – 2297000

Website: [www.inst.ac.in](http://www.inst.ac.in)

F. No. INST/12(31)/2021-Pur

Date: 30.09.2021

To

## **NOTICE INVITING E-TENDER** **RETENDER**

Online tenders are invited on behalf of the Director, INST Mohali in SINGLE BID SYSTEM for the Supply and installation of “**Spin Coater**” as per technical specification and details given below and BOQ list from the original manufacturer/supplier at CPPP i. e. <https://eprocure.gov.in/eprocure/app>. Tender documents may please be downloaded from the E-procurement portal website <https://eprocure.gov.in/eprocure/app> & Institute website [www.inst.ac.in](http://www.inst.ac.in). **Tender ID: 2021\_INST\_645301\_1 is cancelled and a fresh tender is invited.**

Sd/-

**Chief Finance and Administrative Officer**

**NOTE: This is a domestic Tender according to the DPIIT Order dated 15/07/2017 and subsequent amendments to the order for Public Procurement Preference & PROVISION FOR LOCAL SUPPLIERS TOWARDS PREFERENCE TO MAKE IN INDIA. The bidder required to declare on the letter head the percentage of Local content for the quoted instrument and submit with the Technical Bid. Bidder should also give details of the location(s) at which the local value addition is made.**

### INSTRUCTIONS

- The Quotation Should be addressed to the Director INST, Mohali.
- The Quantity mentioned in this inquiry shall be deemed to be only approximate and will not in any manner be binding on the Institute.



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- Firms will quote separately for each article as per BOQ.
  - The rates offered should be FOR Mohali in case of firms situated outside Chandigarh and free delivery at the Institute premises in case of local firms.
  - GST: The Institute is not exempted from the payment of GST. The rate (i.e., percentage of taxes applicable should be clearly indicated, wherever chargeable.
  - In case of Ex-godown terms the amount of packaging forwarding freight etc. should clearly be indicated by percentage or lump sum amount. Current rate of GST must be mentioned. The institute is exempted from Customs and Excise Duty.
  - The delivery period should be specifically stated. Ex-Stock and earlier delivery may be preferred.
  - The firms are requested to give detailed description and specifications together with the detailed drawings, printed leaflets and literature of the Article quoted.
  - The name of the manufacturers and country of manufacture should also invariably be stated. In the absence of these particulars the quotation is liable for rejection.
  - Quotation should have minimum validity of 120 days from the date of opening.
  - The rates quoted should be for each item separately otherwise your quotation is liable to be ignored.
  - Director has the right to reject to the quotations and to split up the requirements or change any or all the above conditions without assigning any reason.

## **NOTICE INVITING TENDER**

INST invites online tender from the reputed manufacturers or their authorized dealers so as to reach this office on or before scheduled date and time for the instrument, as per specifications given in the Annexure attached to the Tender form. All offers should be made in English and should be written in both figures and words. Tender forms can be downloaded from the website ([www.inst.ac.in](http://www.inst.ac.in)) of the Institute.



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The bidders are requested to read the tender document carefully and ensure compliance with all specifications/instructions herein. Non-compliance with specifications/instructions in this document may disqualify the bidders from the tender exercise. The Director, INST reserves the right to select the item (in single or multiple units) or to reject any quotation wholly or partly without assigning any reason. Incomplete tenders, amendments and additions to tender after opening or late tenders are liable to be ignored and rejected.

## EQUIPMENTS LIST

S. No.	Item Description	Qty	Tender Fee	EMD
1	Spin Coater	1 No	Rs. 590/- (Non-refundable)	BID Security Declaration as per form attached

### Critical Date Sections

Sr. No.	Description	Date	Time
1	Tender Publishing Date and time	30 <sup>th</sup> September, 2021	5:00PM
2	Tender Document download start Date & Time	30 <sup>th</sup> September, 2021	5:30AM
3	Bid Submission start Date & Time	30 <sup>th</sup> September, 2021	6:00PM
4	Bid Submission End date and Time	25 <sup>th</sup> October 2021	2:00PM
5	Tender opening Date and Time	26 <sup>th</sup> October 2021	3:00PM

**Note: Non-receipt of BID Security Declaration as per annexure-4 and Tender Fee will lead to rejection of tender.**

### Instructions to bidders for submission of Bids

- I. The e-tenders are being invited for Supply and installation of “Spin Coater” through e-procurement. All the instructions of e-procurement is applicable. Tender must be submitted through e-procurement website only. The bid received in physical mode shall not be considered at all. Detailed information regarding the items, application / tender forms, EMD details, specifications, terms and conditions can be downloaded from the following websites [www.inst.ac.in](http://www.inst.ac.in) or <https://eprocure.gov.in/eprocure/app>
- II. The interested bidders shall submit their tender(s) both Technical bid and financial bid through online mode in <https://eprocure.gov.in/eprocure/app>. The bidders shall upload all the documents as per NIT for Bidders.
- III. Any corrigendum to this tender will be notified through the aforesaid websites only. INST reserves the right to accept or reject any or all the bids without assigning any reason at any stage.



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- IV. The Bidder is expected to examine all instructions, eligibility criteria/pre-qualification criteria, forms, terms and conditions in the tender document. Failure to furnish complete information as required with reference to the tender document shall result in rejection of the bid.
  - V. Bidders have to submit a valid EMD declaration (Annexure) in the Technical bid in place of EMD. Bids received without EMD declaration will not be considered and summarily rejected.
  - VI. Any attempt to negotiate directly or indirectly on the part of the Bidder with authority competent to finally accept the Tender or influence the acceptance of the tender by any means will result his tender excluded from consideration.
  - VII. Conditional tender, illegible and ambiguous tender, partially filled tender, incomplete tender and tender without enclosing required documents will be summarily rejected.
  - VIII. This office reserves the right to accept or reject any bid without assigning any reason at any time prior to award of contract, without thereby incurring any liability to the affected bidder or bidders or any obligations to inform the affected bidder or bidders of the grounds for this Office's action.
  - IX. Tenderers are requested that, before quoting their rates or filling tender, the tender form may please be read out thoroughly ( line by line), otherwise the Competent Authority of this office will not be held responsible for any error/oversight of his own.
  - X. Clarification regarding any ambiguity in eligibility criteria may be sought through e-mail at [purchase@inst.ac.in](mailto:purchase@inst.ac.in).
  - XI. Concessional GST is applicable for all the items purchased for Research labs vide Ministry of Finance, notification no. 45/22017 dated 14.11.2017 and 47/2017 dated 14.11.2017.
  - XII. Bidder/s quoting in currency other than Indian Rupee (INR) should explicitly mention the currency in which tender quoted wherever applicable in Technical Bid along the tender documents.
  - XIII. The online Price BOQ is in INR format. If bidder want to quote other than INR please specify the quoted currency in the technical bid/part and fill the amount in same BOQ.
  - XIV. Please bifurcate the price on shipping terms i, e, Ex-works -> FCA/FOB -> CIP/CIF in price BOQ and specify the same in technical bid without price.
  - XV. THE INSTITUTE IS EXEMPTED FROM EXCISE AND CUSTOM DUTY under notification no- TU/V/RG-CDE (119 4)/2018 DT.07/09/2018.

## **TERMS AND CONDITIONS**

Important Conditions of the tender to be abide by the tenderer

1. **Due date:** The tender has to be submitted before the due date. The offers received after the due date and time will not be considered.



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2. **Opening of the tender:** The offer/bid will be opened by a committee duly constituted for this purpose. The bidders if interested may participate on the tender opening Date and Time. The bidder should produce authorization letter from their company to participate in the tender opening. Only one representative will be allowed to participate in the tender opening.
3. **Acceptance/Rejection of bids:** The INST reserves the right to reject any or all offers without assigning any reason.
4. **Tender Fee/EMD:** Tender fee/EMD is to be obtained from the bidders except those who are registered with the Central Purchase Organisation, National Small Industries Corporation (NSIC) or the concerned Ministry or Department. The tenderer should submit Tender Fee/EMD amount as per tender ref. no. through NEFT/RTGS in INST Account. Account Details are as follows:
  - a. Name of Beneficiary: Institute of Nano Science and Technology (INST)
  - b. Account No. 2452201001102
  - c. Name of Bank: Canara Bank, Sector 34, Chandigarh
  - d. IFS Code: CNRB0002452
  - e. MICR Code: 160015003
  - f. Swift Code: CNRBINBBFFC

The details of transaction for EMD/tender fee viz. Name of bidder firm, Tender Description, Transaction ID/No. of Transfer, Transaction date, Amount of Transaction, Name of Bank, Address of Bank shall be furnished by the tenderer on their letterhead separately along with their tender.

5. **Performance Security:** The supplier shall be required to submit the performance security in the form of irrevocable bank guarantee issued by any Indian Nationalized Bank for an amount which is equal to the 3% of Purchase value at the time of the installation of the equipment covering warranty period of the equipment and should be kept valid for a period of 60 days beyond the date of completion of warranty period.
6. **REASONABILITY OF PRICES :**

Please quote best minimum prices applicable for a premier Research Institution, **leaving no scope for any further negotiations on prices.** **The quoting party should give a certificate to the effect that** the quoted prices are the minimum and they have not quoted the same item on lesser rates than those being offered to INST to any other customer nor they will do so till the validity of offer or execution of the purchase order, whichever is later. We request you to fill the price reasonability certificate format in the enclosed file (Annexure "1")

The party must give details of identical or similar equipment, if any, supplied to any CSIR labs/DBT Institutes during last three years along with the final price paid and Performance certificate from them.
7. **Force Majeure:** The Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
  - 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.
  - 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.



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8. **Risk Purchase Clause:** In event of failure of supply of the item/equipment within the stipulated delivery schedule, the purchaser has all the right to purchase the item/equipment from the other source on the total risk of the supplier under risk purchase clause.
  9. **Packing Instructions:** Each package will be marked on three sides with proper paint/indelible ink, the following:
    - i. Item Nomenclature
    - ii. Order/Contract No.
    - iii. Country of Origin of Goods
    - iv. Supplier's Name and Address
    - v. Consignee details
    - vi. Packing list reference number
  10. **Delivery of Goods:**

Delivery should be given at **Institute of Nano Science and Technology, Knowledge City, Sector 81, Adjacent to IISER, Mohali - 140306, Punjab** within a maximum of one month's time from the date of placement of purchase order.
  11. **Delayed delivery:** If the delivery is not made within the due date for any reason, INST will have the right to impose penalty @ 0.5% per week and the maximum deduction is 10% of the contract value / price.
  12. **Prices:** The price should be quoted in net per unit (after breakup) and must include all packing and delivery charges. The offer/bid should be exclusive of taxes and duties, which will be paid by the purchaser as applicable. However the percentage of taxes & duties shall be clearly indicated. The price should be quoted without custom duty and excise duty, since INST is exempted from payment of Excise Duty and is eligible for concessional rate of custom duty. Necessary certificate will be issued on demand. **(Please refer Annexure – 2 for the price to be quoted).**
  13. **Notices:** For the purpose of all notices, the following shall be the address of the Purchaser and Supplier.
    - i. **Purchaser:** The Director,  
Institute of Nano Science and Technology,  
**Knowledge City, Sector 81, Adjacent to IISER, Mohali – 140306, Punjab**
    - ii. **Supplier:** (To be filled in by the supplier)  
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.....  
.....
  14. **Resolution of Disputes:** The dispute resolution mechanism to be applied pursuant shall be as follows:
    - i. In case of Dispute or difference arising between the Purchaser and the supplier relating to any matter arising out of or connected with this contract, 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 Director, Institute of Nano Science and Technology (INST) Mohali and if he is unable or unwilling to act, to 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.
  15. **Applicable Law:** The place of jurisdiction would be Mohali (Punjab) INDIA.
  16. **Right to Use Defective Goods**





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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.

**17. Training**

The Supplier is required to train the designated Purchaser's technical and end user personnel to enable them to effectively operate the total equipment.

**18. Installation & Demonstration**

The supplier is required to do the installation and demonstration of the equipment within one month of the arrival of materials at the INST site of installation, otherwise the penalty clause will be the same as per the supply of materials.

**19. Warranty:** Minimum Three Years Warranty shall have to be provided by the firm. The Warranty should be comprehensive on site.

**Note: If the OEM warranty is for 12 Months, additional extended warranty of 24 months should be quoted separately with or without price.**

**20. AMC:** Annual Maintenance Contract (AMC)/Comprehensive Maintenance Contract (CMC) up to next five years after warranty period is over should be quoted separately.

**21. Taxes and Duties**

Suppliers shall be entirely responsible for all taxes, duties, license fees, octroi, road permits, etc., incurred until delivery of the contracted Goods to the Purchaser. However, GST in respect of the transaction between the Purchaser and the Supplier shall be payable extra, if so stipulated in the order.

**22. Payment:** 100% payment shall be made by the Purchaser after delivery, inspection, successful installation, commissioning and acceptance of the equipment at INST in good condition and to the entire satisfaction of the Purchaser and on production of unconditional performance bank guarantee as specified in Clause 8 of tender terms and conditions.

**23. User list:** Brochure detailing technical specifications and performance, list of industrial and educational establishments where the items enquired have been supplied must be provided.

**24. Manuals and Drawings**

- Before the goods and equipments are taken over by the Purchaser, the Supplier shall supply operation and maintenance manuals. These shall be in such details as will enable the Purchaser to operate, maintain, adjust and repair all parts of the works as stated in the specifications.
- The Manuals shall be in the ruling language (English) in such form and numbers as stated in the contract.
- Unless and otherwise agreed, the goods equipment shall not be considered to be completed for the purposes of taking over until such manuals and drawing have been supplied to the Purchaser.

**25. Site Preparation:** The supplier shall inform to the Institute about the site preparation, if any, needed for the installation of equipment, immediately after the receipt of the purchase order. The supplier must provide complete details regarding space and all the other infrastructural requirements needed for the equipment, which the Institute should arrange before the arrival of the equipment to ensure its timely installation and smooth operation thereafter.

The supplier shall visit the Institute and see the site where the equipment is to be installed and may offer his advice and render assistance to the Institute in the preparation of the site and other pre-installation requirements.

**26. Acknowledgement:** It is hereby acknowledged that we have gone through all the conditions mentioned above and we agree to abide by them.



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SIGNATURE OF TENDERER  
ALONG WITH SEAL OF THE COMPANY WITH DATE





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## BID PARTICULARS

1. Name of the Supplier :
2. Address of the Supplier :
3. Availability of demonstration of equipment : Yes / No
4. Tender cost enclosed: : Yes/No if yes
5. Online EMD submission information enclosed : Yes / No if Yes

Transaction ID/No. of Transfer\_\_\_\_\_

Transaction date: \_\_\_\_\_

Amount of Transaction\_\_\_\_\_

Name of Bank\_\_\_\_\_

Address of Bank\_\_\_\_\_

6. Name and address of the Officer/contact person to whom all references shall be made regarding this tender enquiry

Name:

Address:

Ph:

Fax:

Mobile:

Email:

Web:



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**Compliance statement for the tender specifications**

Tender Ref No.: **INST/12(31)/2021-Pur**

S.No.	Check list of documents/Undertakings	Yes/No	Remarks (give explanation if the answer is No)
1.	Is EMD details attached/Bid Security declaration as per annexure-4? (if applicable)		
2.	Is the bidder original equipment manufacturer (OEM)/authorised dealer?		
3.	If authorised dealer, recent dated certificate to this effect from OEM, attached or not?		
4.	Undertaking from OEM regarding technical support & extended warranty period		
5.	Validity of 120 days or not?		
6.	Price Reasonability Certificate enclosed as per format??		
7.	Undertaking from bidder regarding acceptance of tender terms & conditions		
8.	Whether list of reputed users (along with telephone numbers of contact persons) for the past three years specific to the instrument attached?		
9.	Does the instrument comply with all the specifications detailed? Attach a separate sheet showing compliance with the specifications and explanations thereto if the equipment varies from the requested specifications.		
10.	Whether free Installation, Commissioning and Application Training offered?		
11.	Whether comprehensive onsite warranty offered?		
12.	Whether Annual maintenance after expiry of comprehensive onsite warranty quoted separately?		
13.	Whether free of cost shifting of instrument from transit campus to main campus offered?		



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## Annexure – 1

### PRICE REASONABILITY CERTIFICATE

This is to certify that we have offered the maximum possible discount to you in our Quotation No. \_\_\_\_\_ dated \_\_\_\_\_ for (Value Rs.) \_\_\_\_\_.

We would like to certify that the quoted price are the minimum and we have not quoted the same item on lesser rates than those being offered to INST to any other customer nor we will do so till the validity of offer or execution of purchase order, whichever is later.

Seal and Signature of the tenderer



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**Annexure - 2**

Name of Equipment with Model No: \_\_\_\_\_

Name & Address of Manufacturer: \_\_\_\_\_

**Price Quoted**

**A. For Indigenous Equipment**

- I. Cost of equipment (Rs.) \_\_\_\_\_
- II. GST (Rs.) \_\_\_\_\_
- III. Any other charges (Rs.) \_\_\_\_\_
- IV. Total cost of equipment (in Rs.) F.O.R, INST, Mohali \_\_\_\_\_

**B. For Imported Equipment**

- I. Cost of equipment (In Foreign Currency) \_\_\_\_\_
- II. Packing and Forwarding \_\_\_\_\_
- III. FOB/FCA Price \_\_\_\_\_
- IV. Freight charges upto Delhi Airport \_\_\_\_\_
- V. Insurance (110% of the cost of the equipment) \_\_\_\_\_
- VI. CIF/CIP upto Delhi Airport \_\_\_\_\_

Signature of Tenderer with date and seal



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## Annexure 3

### Local Content Certificate (To be submitted in Technical bid envelop)

This is to certify that the %age of Local content for the quoted tendered item is \_\_\_\_\_.

Seal and signature of the tenderer

Note:

1. As per revised Public Procurement order 2017 D.O. No. P – 45021/2/2017-PP(BE-II) dated June 4, 2020 Local content means Amount of value added in India which shall be total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item(including all customs duties)as a proportion of the total value, in percent.



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## Annexure - 4

### BID SECURITY DECLARATION

To  
The Director,  
INST Mohali

We, the undersigned, declare that:

We understand that, according to your conditions, bids must be supported by a Bid-Securing Declaration.

We accept that we will automatically be suspended from being eligible for bidding in any contract with the INST for the period of time of 3 years, if we are in breach of our obligation(s) under the bid conditions, because we:

- (a) have withdrawn our Bid during the period of bid validity specified in the Letter of Bid; or
- (b) having been notified of the acceptance of our Bid by the INST during the period of bid validity, (i) fail or refuse to execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with tender terms and condition.

We understand this Bid-Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of your notification to us of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of our Bid.

For: Name of Company

Authorised Signatory

[Note: In case of a Joint Venture, the Bid-Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid.]



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### **Specifications for purchase of Spin Coater**

1. Programmable Spin Coater system is required for uniform thin film coating. System must be table top and must be compatible with clean room of class 10000 or better. Spin coating unit should be suitable for use in glove box as well.
2. The chamber should be of circular shape and be made up of stainless steel with PTFE coating.
3. Preferable diameter of chamber: 200 mm or better.
4. Adjustable Speed Range: Upto 12,000 R.P.M or better
5. Acceleration : Upto 999 seconds or better
6. Acceleration Range: Upto 12,000 R.P.M/sec or better
7. High-speed DC Motor preferred.
8. Number of programs: Upto 30 or above
9. Number of steps: At least 50 or above
10. Input & control through a key-pad
11. PC-connectivity Module to be provided as well
12. The output should be displayed via Graphical LCD and should display R.P.M vs. Time
13. The safety lid should be transparent and photo-resistive
14. System must have Safety door interlock (disallows rotation when door is open).
15. User-friendly firmware interface with options of warm-up and calibration for the motor
16. For the storage of programs the memory should be Non-volatile.
17. Provision of inlet of N<sub>2</sub> & other gasses with and drainage facility for cleaning of spillage.
18. System must be vibration free and this should be demonstrated at the time of installation.
19. The system should be all inclusive, supplied with all necessary accessories. Suitable vacuum pump should also be supplied along with the unit.
20. Power Input as per Indian standards.
21. The supplier must give evidence in order to support the uniform coating of SU8 class of photoresist along with other technical compliance.
22. Brochure must be attached supporting technical compliances.
23. Initial warranty: At least three years
24. AMC charges to be quoted separately.