

 INDIAN INSTITUTE OF TECHNOLOGY PALAKKAD	Indian Institute of Technology Palakkad भारतीयप्रौद्योगिकीसंस्थानपालक्काड 678 557 STORES & PURCHASE SECTION Email: purchase@iitpkd.ac.in Telephone: 04923-226586/87 GSTIN: 32AAAAI9910J1ZR
--	--

Tender No. IITPKD/PY/JB/070/2020-21
Date of Publication: 18-02-2021
Date/Time of Closing: 11-03-2021, 1500 hours

Indian Institute of Technology Palakkad Invites Tender under Two-bid system for the:

SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF THERMAL EVAPORATOR

Conforming to the specifications as in **Annexure-I**.

Tender Documents may be downloaded from the e-Wizard Portal <https://mhrd.euniwizarde.com/>. Aspiring Bidders who have not enrolled / registered in e-Wizard should enroll / register before participating through the website <https://mhrd.euniwizarde.com/>. Bidders are advised to go through instructions provided at “**Procedure for Submission of E-tender**”. [Special Instructions to the Contractors/Bidders for the e-submission of the bids online through this e-Wizard Portal”].

Bidders can access tender documents on the website. For searching in the site, kindly go to Live Tenders option, Click “Advance Search” and select Department as ‘IIT Palakkad’. Thereafter, Click on “Search” button to view all IIT Palakkad tenders. Select the appropriate tender and fill them with all relevant information and submit the completed tender document online on the website <https://mhrd.euniwizarde.com/> as per the timeline below.

No manual bids will be accepted. All tender documents including Pre-qualification, Techno-Commercial, Technical and Financial bids should be submitted in the e-Wizard portal.

S. No.	Events	Date and Time
1	Publication of the Tender Document	18-02-2021
1	Last Date/Time for submission of ONLINE Bids	11-03-2021, 1500 hours
3	Opening of Technical Bids	11-03-2021, 1515 hours

TERMS AND CONDITIONS

1	GENERAL	<p>(a) The responsibility of submission of the bids on or before the last date shall rest with the tenderer. The institute will hold no responsibility for the non-receipt of the bids or the bids received after the date/time specified. Any bid received by IITPKD after the bid submission deadline prescribed by IITPKD, shall be rejected and returned unopened to the Bidder.</p> <p>(b) Canvassing or offer of an advantage or any other inducement by any person with a view to influencing acceptance of a bid is an offence under the Laws of India. Such action will result in the rejection of bid, in addition to other punitive measures.</p> <p>(c) Each bidder shall submit only one bid, either by himself or as a partner in a joint venture or as a member of the consortium. If a bidder or if any of the partners in a joint venture or any one of the members of the consortium participate in more than one bid, the bids(of both the individual and the partnership/consortium/joint venture) are liable to be rejected.</p> <p>(d) The bidder shall bear all costs associated with the preparation and submission of his bid and IITPKD shall in no case be responsible or liable for those costs, regardless of the conduct or outcome of the tender process.</p> <p>(e) IITPKD will respond to any request for clarification or modification of the Tender Document that are received up to TWO DAYS prior to the deadline for submission of bids prescribed by IITPKD. For this purpose, the prospective bidder(s) requiring clarification in the Tender Document shall notify IITPKD through the ONLINE Portal ONLY. Any such clarification, together with all the details on which the clarification had been sought, will be published in the ONLINE Portal ONLY. Deviations, if any, observed by the Institute in the submitted bids, from the Terms and Conditions of the Tender Document will not be accepted by the Institute.</p> <p>(f) Except for any such clarification by the Institute, which is expressly stated to be an addendum to the tender document issued by the Registrar, IIT Palakkad, no written or oral communication, presentation or explanation by any other employee of any of the Sections/Departments of the Institute, shall be taken to bind or fetter the Institute.</p> <p>(g) Either the bidder can bid on behalf of the Principal/OEM or Principal/OEM itself can bid, but both cannot simultaneously bid for the same item. Also, if the bidder submits a bid on behalf of a particular Principal/OEM, the same bidder cannot submit another bid on behalf of another Principal/OEM in the same tender for the same item. However, the bidder can submit bids for multiple items from the same Principal/OEM.</p>
2	AMENDMENTS IN THE TENDER DOCUMENT	<p>Please visit the following link for details: https://iitpkd.ac.in/sites/default/files/purchase/01AmendmentstotheTenderDocument.pdf</p>

3	COMPOSITION OF THE TENDER DOCUMENT	<p>(a) The Tender Document comprises of:</p> <ul style="list-style-type: none"> i. Technical Specifications (Annexure-I) ii. Format for Self-Certification under Preference to Make in India (Annexure-II) iii. Bid Security Declaration Form (Annexure-III) iv. Undertaking by the Bidder (Annexure-IV) v. Fall Clause Notice Certificate (Annexure-V) <p>(b) The bidder is expected to examine all instructions, forms, terms and conditions in the Tender Document. In the event of discovery of any missing pages, the bidder shall inform the same to the Section/ Department concerned. Failure to furnish the information required by the Tender Document or submission of a tender not substantially responsive to the Tender Document in every respect will be at the bidder's risk and may result in rejection of the bid.</p> <p>(c) The bidder shall not make or cause to be made any alteration, erasure or obliteration to the text of the Tender Document.</p>
4	LANGUAGE/FORMAT/SIGNING OF THE BID	<p>Please visit the following link for details: https://iitpkd.ac.in/sites/default/files/purchase/02LanguageFormatSigningoftheBids.pdf</p>
5	DOCUMENTS COMPRISING THE BID	<p>(a) The Technical, Techno-commercial and Commercial Bids (Cover One) and Commercial Bid (Cover Two) shall be submitted ONLINE through the e-Wizard Portal.</p> <p>(a) Bids submitted in any mode other than ONLINE will be rejected outright.</p> <p>(b) Documents establishing the conformity of the terms and conditions of the Tender Document shall be provided along with the bid. The offer/bids should be sent only for a system or that is available in the market and supplied to a number of customers. A list of customers in India and abroad with details must accompany the quotations. Quotations for a prototype machine will not be accepted.</p> <p>(c) Original catalogue (not any photocopy) of the quoted model duly signed by the principals must accompany the quotation in the Technical bid. No prices should ever be included in the Technical bid.</p> <p>(d) Compliance or Confirmation report with reference to the specifications and other terms and conditions should also be obtained from the principal.</p> <p>(e) Information related to the agency/bidder such as photocopies of the Registration/PAN/GST/TIN shall be furnished.</p> <p>(f) The technical bid should consist of all technical details along with commercial terms and conditions. No prices should be included in the technical bid. Mentioning of Prices in the Technical Bid shall lead to <u>DISQUALIFICATION</u>.</p> <p>(g) Bidders who are bidding for this tender shall,</p> <ol style="list-style-type: none"> 1) The bidder should have supplied and installed at least FOUR orders of THERMAL EVAPORATORS to Centrally Funded Technical Institutions (eg. IIT, NIT, IISc, IISER etc.,) during previous three financial years (2017-18, 2018-19 and 2019-20). Copies of the most recent purchase orders and certificates

		<p>of successful implementation must be included. Copies of financial statements or evidence of turnover must be furnished.</p> <p>2) Have an Average Annual Turnover of Rs 90,00,000 (RUPEES NINETY LAKHS ONLY) during each of the last THREE financial years (2017-18, 2018-19, 2019-20). The bidder shall enclose the audited statements of the indicated financial years, which should have been certified by a Chartered Accountant or a Competent Authority.</p> <p>(h) Digitally signed Tender Document should be submitted in Cover One.</p>
6	EARNEST MONEY DEPOSIT (EMD)	<p>(a) The bidder shall furnish, as part of the technical bid, Bid Security Declaration Form as per the Annexure-III.</p> <p>(a) Bids not accompanied by Bid Security Declaration Form shall be DISQUALIFIED.</p>
7	PERFORMANCE SECURITY	<p>(a) The performance security shall be submitted within FIFTEEN DAYS of receipt of the material by the IITPKD. The successful bidder shall furnish the Performance Security equal to 3% of the order / contract value (excluding the value of annual maintenance charges). The Performance Security shall be valid all along the warranty period and shall extend upto sixty (60) days after the date of completion of warranty period. It shall be ensured by the successful bidder that the validity of the Performance Security submitted is extended depending on the date of commencement of the Warranty.</p> <p>(b) The performance security shall be a bank guarantee issued by the Scheduled/Nationalized Bank approved by the RBI or a Demand Draft favoring, INDIAN INSTITUTE OF TECHNOLOGY PALAKKAD payable at PALAKKAD.</p> <p>(c) The performance security shall automatically become null and void once all the obligations of the Supplier under the Contract have been fulfilled, including, but not limited to, any obligations during the Warranty Period and any extensions to the period. The performance security shall be returned to the Supplier not later than fifteen (15) days after its expiration.</p> <p>(d) Failure of the successful Bidder to comply with the requirements shall constitute enough grounds for the annulment of the award and forfeiture of the EMD, in which event the IITPKD may make the award to the next lowest evaluated bid submitted by a qualified Bidder or call for new bids.</p> <p>Please click the following link for the Format of Bank Guarantee: https://iitpkd.ac.in/sites/default/files/purchase/11FormatofBankGuarantee.pdf</p>
8	BID PRICES AND CURRENCY	<p>(a) Prices must be quoted separately for each equipment/items identified.</p> <p>(b) Price quoted for equipment/items must include all costs associated with packing, transportation, insurance, delivery of equipment/items, taxes (separately), loading and unloading on DOOR DELIVERY basis to the institute including its installation, commissioning, integration and validation.</p> <p>(c) Prices quoted by the bidder shall be fixed during the validity of the bid.</p>

		(d) Prices of the equipment/items shall be quoted in Indian Rupees (INR) only.
9	CONFORMITY OF THE TENDER DOCUMENT	Please visit the following link for details: https://iitpkd.ac.in/sites/default/files/purchase/03ConformityoftheTenderDocument.pdf
10	PERIOD OF VALIDITY OF BIDS	(a) Bids shall remain valid for a period of 180 DAYS after the date of the deadline for submission of bids prescribed by IITPKD. (b) If the deadline is extended due to unforeseen circumstances, the bid validity shall be deemed to have extended accordingly.
11	MODIFICATION AND WITHDRAWAL OF BIDSPURCHASER'S RIGHT TO ACCEPT/REJECT BIDS	Please visit the following link for details: https://iitpkd.ac.in/sites/default/files/purchase/04ModificationandWithdrawalofBids.pdf
12	OPENING, EXAMINATION, CLARIFICATION AND EVALUATION OF BIDS	Please visit the following link for details: https://iitpkd.ac.in/sites/default/files/purchase/05OpeningExaminationClarificationandEvaluationofBids.pdf
13	SUPPLIER'S RESPONSIBILITIES	Please visit the following link for details: https://iitpkd.ac.in/sites/default/files/purchase/06Supplier%E2%80%99sResponsibilities.pdf
14	TIME FOR SUPPLY, INSTALLATION, COMMISSIONING AND VALIDATION OF THE EQUIPMENTS/ITEMS	(a) The Supplier shall supply the equipment/items within the period specified in the tender document i.e. within THREE MONTHS of signing the purchase order or within the period mutually agreed between IITPKD and supplier. All the equipment and accessories should be delivered at IIT Palakkad (Nila Campus), Kanjikode-Malampuzha Road, Pudusserry West, Kanjikode, Kerala 678623. (a) The Supplier shall thereafter proceed with the installation, commissioning, integration and validation and demonstrate operational acceptance of the equipment/items within the period specified. The equipment/items shall be installed and commissioned by the successful bidder within 20 to 25 days from the date of its receipt. (b) The tenderer should indicate clearly the time required for delivery of the item. In case there is any deviation in the delivery schedule, liquidated damages clause will be enforced or penalty for the delayed supply period will be levied. (c) In the event of failure of supply of the item/equipment/items within the stipulated delivery schedule, IITPKD has all the right to purchase the item/equipment/items from other sources on the total risk of the Supplier under the risk purchase clause.
15	TERMS OF PAYMENT / TAX AND DUTIES	Please visit the following link for details: https://iitpkd.ac.in/sites/default/files/purchase/07TermsofPaymentTaxesandDuties.pdf
16	PRODUCT UPGRADES	Please visit the following link for details: https://iitpkd.ac.in/sites/default/files/purchase/08ProductUpgrades.pdf
17	PENALTIES	(a) If the Supplier fails to complete any of the activities in accordance with the time specified for it, or any extension of time granted by IITPKD, the Supplier shall pay to IITPKD, penalties at the rate specified in the Tender Document. (b) IITPKD reserves the right to terminate the contract if the Supplier

		defaults on any of the time limits by more than FOUR weeks.
18	DEFECT LIABILITY	Please visit the following link for details: https://iitpkd.ac.in/sites/default/files/purchase/09DefectLiability.pdf
19	INTELLECTUAL PROPERTY RIGHTS, WARRANTY AND INDEMNITY	Please visit the following link for details: https://iitpkd.ac.in/sites/default/files/purchase/10IntellectualPropertyRightsWarrantyandIndemnity.pdf
20	UP-TIME GUARANTEE/ DOWNTIME PENALTY CLAUSE	(a) The Supplier should provide up-time guarantee of 95% [24 (hours) X 7 (days) X 365 (days)] basis during the warranty period. (b) The Supplier should provide up-time guarantee of 95% (24 hours/day basis) both during warranty. If downtime exceeds the 5% limit, extension of the warranty period will be twice the excess down time period.
21	LIQUIDATED DAMAGES	If a firm accepts an order and fails to execute the order, in full or part, as per the terms and conditions stipulated therein, it will be open to the Institute to recover liquidated damages from the firm at the rate of 1% of the value of the undelivered goods per month or part thereof, subject to a maximum of 5% of the value of the undelivered goods. It will also be open to the Institute alternatively, to arrange procurement of the required stores from any source, at the risk and expense of the firm, accepted and failed to execute the order according to stipulations agreed upon. This will also entail the removal of the defaulters' name from the approved/registered list of Suppliers.
22	EFFECT OF FORCE MAJEURE	(a) If the Supplier is prevented, hindered, or delayed from or in performing any of its obligations under the Contract by an event of Force Majeure, then it shall notify the IITPKD in writing of the occurrence of such event and the circumstances of the event of Force Majeure within FIFTEEN DAYS after the occurrence of such event. (b) The Supplier, when affected by the event of Force Majeure shall use reasonable efforts to mitigate the effect of the event of Force Majeure upon its performance of the Contract and to fulfill its obligations under the Contract, but without prejudice to IITPKD's right to terminate the Contract. (c) No delay or non-performance by the Supplier caused by the occurrence of any event of Force Majeure shall: i. Constitute a default or breach of the Contract; ii. Give rise to any claim for damages or additional cost or expense occasioned by the delay or non-performance. (d) If the performance of the Contract is substantially prevented, hindered, or delayed for a single period of more than THIRTYDAYS or an aggregate period of more than SIXTY DAYS on account of one or more events of Force Majeure, the IITPKD shall have the right to terminate the Contract by giving a notice to the Supplier.
23	EXTENSION OF TIME LIMITS FOR SUPPLY AND MAKING OPERATIONAL, THE EQUIPMENT	(a) The time limit for supply, installation & commissioning, integration & validation shall be extended if the supply is delayed or impeded in the performance of any of its obligations under the Contract by reason of any of the following: i. Any occurrence of Force Majeure;

		<p>ii. Any other matter specifically mentioned in the Contract;</p> <p>(b) By such period as shall be fair and reasonable in all the circumstances and as shall fairly reflect the delay or impediment sustained by the Supplier.</p> <p>(c) The Supplier shall assist the institute in relocation/shifting of the equipment from the temporary campus to transit/permanent campus at free of cost and by utilizing their resources (for loading, unloading and transportation). Any such relocation/shifting shall be within THREE years from the date of installation of the equipment.</p>
24	ASSIGNMENT	The Supplier shall not, without the prior written consent of the IITPKD, assign to any third party, the Contract or any part thereof.
25	GOVERNING LAW AND SETTLEMENT OF DISPUTES	<p>(a) The Contract shall be governed by and interpreted in accordance with the laws of India.</p> <p>(b) Any dispute or claim arising out of/relating to this Contract of the breach, termination or the invalidity thereof, shall be settled by the Hon'ble Courts of Justice at Palakkad.</p> <p>(c) The page number should be marked in all pages serially (including all supporting documents enclosed with the tender document) and the declaration for the same shall be submitted by the bidder as in Annexure-IV.</p> <p>(d) IITPKD reserves the right to accept or reject any or all the tenders in part or whole or may cancel the tender at its sole discretion without assigning any reason whatsoever. No further correspondence in this regard will be entertained.</p>
26	PROCEDURE FOR SUBMISSION OF E-TENDER	<p>Please visit the following link for details:</p> <p>https://iitpkd.ac.in/sites/default/files/purchase/12ProcedureforSubmissionofE-Tender.pdf</p>

AWARD OF CONTRACT

1	AWARD CRITERIA	<ol style="list-style-type: none">1. IITPKD will award the Contract to the Bidder whose bid has been determined to be substantially responsive and as per the Order No. 45021/2/2017-PP(BE-II) dated 04-06-2020 from Department for Promotion of Industry and Internal Trade (Public Procurement Section), Ministry of Commerce and Industry, Govt. of India.2. The Institute reserves the right to buy different items/quantity from different bidders considering price of individual/group of equipment/items or any other factors as decided by the Committee. <u>The bidder should be a Class-I / Class-II Local Supplier meeting the requirement of minimum 20% Local Content in line with the Public Procurement (Preference to Make in India) Order 2017 No. P-45021/2/2017-PP (BE-II) dated 04 Jun 2020.</u>
2	AWARD OF PURCHASE ORDER	<ol style="list-style-type: none">1. Prior to the expiration of the period of bid validity, IITPKD will issue the Letter of Intent / Purchase Order to the successful Bidder in writing.2. Any amendment(s) in the Purchase Order will be permitted within SEVEN DAYS of its issuance. No amendments will be permitted beyond this period.3. The Purchase Order will constitute the foundation of the Contract.
3	CONTRACT AGREEMENT	<ol style="list-style-type: none">1. Within SEVEN DAYS of receipt of the Purchase Order, the successful Bidder shall sign and date its copy on each page and return it to the Purchaser.2. Copy of Purchase Order duly signed and dated by the successful Bidder on each page shall constitute the Contract Agreement.
4	CONTRACT DOCUMENTS / AMENDMENT TO CONTRACT	<ol style="list-style-type: none">1. All documents forming part of the Contract (and all parts of these documents) are intended to be correlative, complementary and mutually explanatory. The Contract shall be read as a whole.2. The order of precedence of the Contract documents shall be as follows:<ol style="list-style-type: none">(i) Contract Agreement/Purchase Order(ii) All Forms/Annexures(iii) equipment/items and their requirement(iv) Supplier's Bid(v) Tender Document3. No amendment or other variation of the Contract shall be effective unless it is in writing, is dated, expressly refers to the Contract and is signed by a duly authorized representative of each party to the Contract.

REGISTRAR

TECHNICAL SPECIFICATIONS

1	<u>Vacuum Chamber (“D” Shaped):</u>
	1.1 Semi cylindrical “D” shaped chamber made out of non magnetic SS316 or Higher grade material with front opening door. The chamber dimensions should be of ~ 400 mm (W) x 400 mm (D) x 450 mm (H).
	1.2. View port with shutter compatible to high vacuum on the front door for viewing evaporation process.
	1.3. Chamber flange in the front should be sealed with gasket for high vacuum sealing.
	1.4. A set of thin stainless steel liner inside the chamber to avoid deposition on the chamber wall while coating.
	1.5. The vacuum chamber should be connected to pumping system through a high vacuum gate valve.
	1.6. Chamber and its sub assemblies (made out of SS316 material) should be electro-polished to achieve good level of vacuum of order 10^{-6} mbar or better.
	1.7. Chamber should come with proper number of ports for Turbo and dry scroll pumps, gauges, evacuation (Vent), vacuum monitoring gauge heads, electrical feed-throughs, Gas Inlet Outlet, Substrate Holder Assembly
	1.8. Source Shutter: Pneumatically operated shutter should be provided as required to cover / uncover the evaporation sources.
	1.9. Vacuum Collar: Collar made out of SS316 .
2	<u>High Vacuum Turbo Pumping System:</u>
	2.1. Evaporation chamber should be evacuated to an ultimate vacuum order of 10^{-6} mbar or better by combination of Turbo Molecular Pump having capacity of at least 300 lps backed by oil free roughing pump. The make and details of the pumping system as well as the pressure gauges should be provided. (The pumps should be of make Edward or Pfeiffer or Leybold or substantially equivalent make)
	2.2. Vacuum Valves:
	(i) High Vacuum Valves: Pneumatically operated high vacuum gate valve made out of SS 316 material for isolation purpose.
	(ii) Backing and Roughing Valves: Pneumatically Operated butterfly type / right angle valves should be provided for backing and roughing operations. Interlocks should be provided for roughing and backing operations.
	(iii) Air Admittance Valve (Vent Valve): A manually operated vent valve made out of stainless steel with viton seals to be provided with dry nitrogen / air to the chamber for venting purpose after isolating the pumping system.
	(iv) Fine Control Needle Valve: Fine Control Needle Valve for controlled admittance of inert gas (feeding gases).
	2.3. Plumbing Line: Plumbing line consist of roughing and backing lines should be made out of stainless steel material with rigid pipe and flexible hoses with KF Couplings to connect all the components of the pumping system.
3	<u>Electrode with power supply and control:</u>
	3.1. Low Tension (LT) Electrodes:
	Two sets of LT Electrodes should be provided with power supply for thermal evaporation using boat, basket or filament. The complete details of the LT Power Supply should be provided
	3.2 High Tension (HT) Electrodes:
	One HT electrical feed through to carry power for Ion cleaning of the substrate. The complete details on the power supply should be provided.
	3.3 L.T/H.T control: Appropriate circuit selector for LT/HT with separate digital panel meters for LT/HT primary current and LT secondary current.
4	<u>Substrate Holder, Heater & Rotation Mechanism:</u>
	4.1. Substrate Holder: A 4” size substrate holder with sub assembly capable of holding various dimensions of substrate from 10 mm diameter to 50 mm diameter .
	4.2 Substrate Heater: Substrate Heater placed below the substrate plate for varying substrate temperature from Room Temperature to a maximum of 600 °C during deposition and stable under reactive oxygen and nitrogen gases.
	4.3 Temperature Measurement & Controller: Thermocouple coupled with PID Controller to measure the temperature with digital display. Temperature to be controlled by PID Controller.
	4.4 Substrate Rotation Facility: Appropriate drive mechanism with speed control for variable rotation speeds in the range 5 RPM to 20 RPM for substrate rotation.

5	<u>Thickness Monitor & Controller:</u>
	5.1 Quartz crystal deposition monitor quartz crystal sensors, feed through and necessary cable should be integrated to the system for measuring the coated thickness / uniformity. The detailed specifications should be provided.
	5.2 Ten numbers of spare crystals should be provided.
6	<u>Gas Delivery System with MFC:</u>
	Mass flow controller with shut off valve for controlled admittance of inert process gas in to the chamber. Digital Mass Flow Controllers (2 Nos), calibrated for Argon & Nitrogen gases for the flow range of 0 – 100 sccm with appropriate digital display and controller.
7	<u>Semi Automaton:</u>
	The system should have a programmable logic control (PLC) based Human Machine interface (HMI). Appropriate Laptop configured to operate Turbo Pump & Rotary Vacuum Pump Vacuum Cycle Substrate Heater Control Rotation Controller Vent sequence Shutter control and Safety Interlocks for : Turbo on / off interlock with backing pressure Backing Pressure / Chamber Roughing Pressure Gate valve open interlock with backing pressure Compressed air flow level Water Pressure Vacuum level Over load relay protection for electrical motors of vacuum pumps, Interlocking of vacuum pumps Interlocking of vacuum gauges
8	<u>Water Cooling System:</u>
	A suitable capacity chiller should be provided with Re-circulating pump, Storage Tank, Valves, and all necessary accessories, for closed loop water cooling of various parts of the unit. The full specifications needs to be provided for evaluation.
9	<u>Control Console:</u>
	Powder coated mild steel. All electronic controllers should be housed in a ventilated control rack with front panel & placed by the side of chamber frame structure. The control houses the following. Vacuum Gauge Controller Vacuum Pumps ON / OFF Turbo Pump Controller Substrate Heater Mass Flow Controller PLC Main Control with RYB indications and Isolator switch and all the electrical switch gears - Control Transformer, Contactors, Relays, Fuses, Timers and Motor Starters should be mounted on a plate and fitted for easy servicing and maintenance. Necessary safety interlocks should be provided in the control console.
10	<u>Mounting stand:</u>
	The support frame should be provided with heavy duty casted wheels for mobility with suitable padding to take care of vibrations during movement and transport, jack bolt for locating in specified place.
11	<u>Additional Accessories/Requirements:</u>
	11.1 All accessories required for the complete installation and functioning of the system should be quoted.
	11.2 Consumables including boats appropriate for the deposition of standard metals (for e.g. Au/Cr/Al) should be included.
	11.3 The vendor should include the quote for standard deposition metals- Cr (100gm), Au (50gm) and Al (100gm).
	11.4 Detailed hard copy of the system operating manual with detailed schematics wherever necessary should be provided.
	11.5 The vendor should provide training for IIT staff and students in system operations and maintenance.
12	<u>Warranty :</u>
	Service and warranty for a minimum period of three years for the equipment must be provided. AMC for additional three years must be quoted separately.

FORMAT FOR SELF-CERTIFICATION UNDER PREFERENCE TO MAKE IN INDIA
(TO BE SUBMITTED ONLY THROUGH ONLINE MODE IN APPROPRIATE FORMAT)

Format for Affidavit of Self-Certification regarding Minimum Local Content in line with “Make in India” Policy vide GoI Order no. P-45021/2/2017-PP (B.E.-II) dated 15.06.2017 (subsequently revised vide orders dated 28.05.2018, 29.05.2019 and 04.06.2020)

Date: _____

I/We _____ S/o, D/o, W/o, _____

Resident of _____

Hereby solemnly affirm and declare as under:

That I will agree to abide by the terms and conditions of the Public Procurement (Preference to Make in India) Order, 2017 (hereinafter PPP-MII order) of Government of India issued vide Notification No:P-45021/2/2017 -BE-II dated 15/06/2017, its revision dated 28/05/2018 and any subsequent modifications/Amendments, if any and

That the local content for all inputs which constitute the said goods/services/works has been verified by me and I am responsible for the correctness of the claims made therein.

Tick (✓) and Fill the Appropriate Category	
<input type="checkbox"/>	I/We _____ [name of the manufacturer] hereby confirm in respect of quoted items(s) that Local Content is equal to or more than 50% and come under “ Class-I Local Supplier ” category.
<input type="checkbox"/>	I/We _____ [name of the manufacturer] hereby confirm in respect of quoted items(s) that Local Content is more than 20% but less than 50% and come under “ Class-II Local Supplier ” category.
<input type="checkbox"/>	I/We _____ [name of the manufacturer] hereby confirm in respect of quoted items(s) that Local Content is less than or equal to 20% come under “ Non-Local Supplier ” category.

For and on behalf of..... (Name of firm/entity)

Authorized signatory (To be duly authorized by the Board of Directors)

<Insert Name, Designation and Contact No.>

[Note: In case of procurement for a value in excess of Rs. 10 Crores, the bidders shall provide this certificate from statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.]

BID SECURITY DECLARATION FORM
(TO BE SUBMITTED ONLY THROUGH ONLINE MODE IN APPROPRIATE FORMAT)

Date: _____

Tender No. _____

To (insert complete name and address of the purchase)

I/We. The undersigned, declare that:

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

I/We accept that We may be disqualified from bidding for any contract with you for a period of one year from the date of notification if I am /We are in a breach of any obligation under the bid conditions, because I/We

- a) Have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or
- b) Having been notified of the acceptance of our Bid by the purchaser during the period of bid validity (i) fail or reuse to execute the contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid.

Signed: _____ (insert signature of person whose name and capacity are shown)
in the capacity of _____ (insert legal capacity of person signing the Bid Securing Declaration)

Name: _____ (insert complete name of person signing he Bid Securing Declaration)

Duly authorized to sign the bid for an on behalf of (insert complete name of Bidder)

Dated on _____ day of _____ (insert date of signing)

Corporate Seal (where appropriate)

(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)

Note:

This letter should be on the letterhead of the quoting firm and should be signed by a Competent Authority. Non-submission of this will lead to **DISQUALIFICATION of bids.**

UNDERTAKING BY THE BIDDER
(TO BE SUBMITTED ONLY THROUGH ONLINE MODE IN APPROPRIATE FORMAT)

We here by accept all the Terms and Conditions of the Tender Document and strictly adhere to the same in the event of getting Purchase order. We also declare that the Technical and Financial Bids submitted by us has NO DEIVATION from the Tender Terms and Conditions.

We here by accept that the PRICES OF THE EQUIPMENT/ITEMS QUOTED IS IN INDIAN RUPEES ONLY (INR). I am aware that if the price is not in INR, the application shall be summarily rejected.

We hereby undertake that there are _____ pages, serially numbered, in the submitted tender including the supporting documents. (Please serially number all the pages including blank page, if any).

Note:

This letter should be on the letterhead of the quoting firm and should be signed by a Competent Authority.

FALL CLAUSE NOTICE CERTIFICATE
(TO BE SUBMITTED ONLY THROUGH ONLINE MODE IN APPROPRIATE FORMAT)

This is to certify that we have offered the maximum possible discount to you in our Quotation No. _____ dated _____ (Please do not reveal the prices here, which will lead to outright rejection of your bid).

The prices charged for the Stores supplied under tender should under no event be higher than the lowest prices at which the party sells the items of identical description to any other Govt. organization/PSU's/Central Govt, /State Govt. Autonomous bodies/Central/state Universities/Central/State Educational Institutions, failing which the "FALL CLAUSE" will be applicable. The institute will look into a reasonable past period to ensure this.

In case, if the price charged by our firm is found to be more, **IIT Palakkad** will have the right to recover the excess charged amount from the subsequent/unpaid bill of the supplier.

Note:

This letter of authority should be on the letterhead of the quoting firm and should be signed by a Competent Authority and having the power of attorney.