

# **Indian Institute of Technology Palakkad**

भारतीय प्रौद्योगिकी संस्थान पालक्काड

# **STORES & PURCHASE SECTION**

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Tender No. IITPKD/CE/DPV/2020-21/015 Date of Publication: 28-08-2021 Date/Time of Closing: 17-09-2021, 1500 hours

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

# SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF TEST SETUP FOR HYDRO-MECHANICAL BEHAVIOUR OF REINFORCED SOIL STRUCTURES

Conforming to the specifications as in BoQ Technical.

Tender Documents may be downloaded from the e-Wizard Portal <a href="https://mhrd.euniwizarde.com/">https://mhrd.euniwizarde.com/</a>. Aspiring Bidders who have not enrolled / registered in e-Wizard should enroll / register before participating through the website <a href="https://mhrd.euniwizarde.com/">https://mhrd.euniwizarde.com/</a>. 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 <a href="https://mhrd.euniwizarde.com/as">https://mhrd.euniwizarde.com/as</a> per the timeline below.

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

S. No.	Events	Date and Time
1	<b>Publication of the Tender Document</b>	28-08-2021
2	Last Date/Time for submission of ONLINE Bids	17-09-2021, 1500 hours
3	Opening of Technical Bids	17-09-2021, 1515 hours

#### **TERMS AND CONDITIONS**

# **GENERAL** (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. (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. (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. (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. (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 HTPKD. 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. 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. (f) 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. (g) The bidder shall not make or cause to be made any alteration, erasure or obliteration to the text of the Tender Document. (h) The Supplier shall not, without the prior written consent of the IITPKD, assign to any third party, the Contract or any part thereof.

2	COMPOSITION OF THE	(a) The Tender Document comprises of:			
	TENDER DOCUMENT	Instruction to the bidders including terms and conditions			
	TENDER BOOMEN	Technical Specifications (Annexure-I)			
		2. Bid Security Declaration Form (Annexure-II)			
		3. Undertaking by the Bidder (Annexure-III)			
		4. Fall Clause Notice Certificate (Annexure-IV)			
3	DOCUMENTS	(a) The Technical, Techno-commercial and Commercial Bids (Cover			
	COMPRISING THE BID	One) and Commercial Bid (Cover Two) shall be submitted ONLINE			
		through the e-Wizard Portal.			
		(b) Bids submitted in any mode other than ONLINE will be rejected outright.			
		(c) 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.			
		(d) 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.  (e) Compliance or Confirmation report with reference to the specifications			
		and other terms and conditions should also be obtained from the			
		principal.			
		(f) Information related to the agency/bidder such as photocopies of the			
		Registration/PAN/GST/TIN shall be furnished.			
		(g) 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			
		DISQUALIFICATION.			
		(h) Bidders who are bidding for this tender shall,  1) Should have implemented at least three orders of EARRICATION OF			
		1) Should have implemented at least three orders of FABRICATION OF			
		TEST SETUP FOR HYDRO-MECHANICAL BEHAVIOUR OR			
		SIMILAR UNITS (Such as TEST TANKS, NOZZLES etc.) during previous three financial years (2018-19, 2019-20, 2020-2021) from			
		Centrally Funded Technical Institutes (IITs, NITs, IISc, IISER),			
		DRDO, ISRO, CSIR labs or Government Firms in India. Copies of			
		the most recent purchase orders and user certificates of successful			
		implementation must be included. Copies of financial statements or			
		evidence of turnover must be furnished.			
		2) Have an Average Annual Turnover of Rs 10,00,000 (RUPEES			
		TEN LAKH ONLY) during each of the last FOUR financial years			
		(2017-18, 2018-19, 2019-20, 2020-2021). 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.			
		3) Digitally signed Tender Document should be submitted in Cover			
	TARNES	One.			
4	EARNEST MONEY DEPOSIT (FMD)	(a) The bidder shall furnish, as part of the technical bid, <b>Bid Security</b>			
	DEPOSIT (EMD)  Declaration Form as per the Annexure-II.  (a) Pids not accompanied by Pid Security Declaration Form				
		(a) Bids not accompanied by Bid Security Declaration Form shall be DISQUALIFIED.			
		DISQUALITIED.			

5	PERFORMANCE	(a) The performance security shall be submitted within <b>FIFTEEN DAYS</b> of
	SECURITY	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 <b>SIXTYDAYS</b> 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.
		(b) The performance security shall be a bank guarantee (in the format as
		provided) issued by the Indian Scheduled bank acceptable to the IITPKD
		or a Demand Draft favoring, INDIAN INSTITUTE OF TECHNOLOGY
		PALAKKAD payable at PALAKKAD.
		(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.
		(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.
6	BID PRICES AND	(a) Prices must be quoted separately for each equipment/item identified.
	CURRENCY	(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.
		(c) Prices quoted by the bidder shall be fixed during the validity of the bid.
		(d) Prices of the equipment/items shall be quoted in Indian Rupees
		(INR) only.
7	PERIOD OF VALIDITY	(a) Bids shall remain valid for a period of 180 DAYS after the date of the
	OF BIDS	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.
8	TIME FOR SUPPLY,	(a) The Supplier shall supply the equipment/items within the period
	INSTALLATION,	specified in the tender document i.e. within THREE MONTHS of
	COMMISSIONING AND	signing the purchase order or within the period mutually agreed between
	VALIDATION OF THE	IITPKD and supplier. All the equipment and accessories should be
	EQUIPMENTS/ITEMS	delivered at Dr. Divya PV, IIT Palakkad (Nila Campus), Kanjikode-
		Malampuzha Road, Pudusserry West, Kanjikode, Kerala 678623.
		(b) 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.
		(c) 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
	<u> </u>	C Fr y and an approximation of the control of the co

		will be levied.
		(d) 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.
9	PRODUCT UPGRADES	The Supplier shall continue to support and maintain the version/model of the
		Equipment supplied by upgrading the software and the hardware as and when
		amendments are carried out in the existing version or the product is upgraded.
		Whereas upgrades to the software shall be supplied free of cost, the Supplier may
		charge for upgrade in hardware provided it is of major nature. An upgraded higher version of the instrument and software related with the instrument shall be
		supplied.
10	PENALTIES	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, Liquidated
		Damages Clause shall be invoked.
11	UP-TIME GUARANTEE/	(a) The Supplier should provide up-time guarantee of 95% [24 (hours) X 7 (days)
	DOWNTIME PENALTY	X 365 (days)] basis during the warranty period.
	CLAUSE	(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.
12	LIQUIDATED	If a firm accepts an order and fails to execute the order, in full or part, as per
	DAMAGES	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.
13	EFFECT OF FORCE	(a) If the Supplier is prevented, hindered, or delayed from or in performing
	MAJEURE	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 <b>FIFTEEN</b>
		<b>DAYS</b> 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.
14	EXTENSION OF TIME	(a) The time limit for supply, installation & commissioning, integration &
	LIMITS FOR SUPPLY	validation shall be extended if the supply is delayed or impeded in the

	AND MAKING	performance of any of its obligations under the Contract by reason of
	OPERATIONAL, THE	any of the following:
	EQUIPMENT	i. Any occurrence of Force Majeure;
		ii. Any other matter specifically mentioned in the Contract;
		(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.
15	GOVERNING LAW	(a) The Contract shall be governed by and interpreted in accordance with
	AND	the laws of India.
	SETTLEMENT	(b) Any dispute or claim arising out of/relating to this Contract of the
	OF DISPUTES	breach, termination or the invalidity thereof, shall be settled by the
		Hon'ble Courts of Justice at Palakkad.
		(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.
		(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.

# AWARD OF CONTRACT

1	AWARD CRITERIA	1.	IITPKD will award the Contract to the Bidder whose bid
		2.	has been determined to be substantially responsive.  The Institute reserves the right to buy different
			items/quantities from different bidders considering price of
			individual/group of equipment/items or any other factors as decided by the Committee.
2	AWARD OF PURCHASE ORDER	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 <b>SEVEN DAYS</b> 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	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 /	1.	All documents forming part of the Contract (and all parts
	AMENDMENT TO CONTRACT		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: (i) Contract Agreement/Purchase Order
			(ii) All Forms/Annexures
			(iii) equipment/items and their requirement
			(iv) Supplier's Bid
			(v) Tender Document
		3.	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.
		l	representative of each party to the Contract.

REGISTRAR

#### **TECHNICAL SPECIFICATIONS**

Item No	Name of Experiments	Name of Equipment	Quantity	List of Components
1	Fabrication of setup for monitoring the hydromechanical behaviour of the soil structure		1	<ul> <li>A. Stainless steel tank</li> <li>B. Reservoir for water supply</li> <li>C. Rainfall simulator system</li> <li>D. Tensiometer</li> <li>E. Hand compactor</li> <li>F. Data acquisition system</li> <li>G. Installation Kit</li> </ul>

#### **Specification:**

The setup should consists of the following components:

#### A. Stainless steel tank

- 2 meterlength, 1.2 meter height and 0.5 meter width (excluding the thickness of frames)
- Front long side should be transparent
- One short side (right) is detachable. Detachable side should be fastened with stainless steel bolts
- Tank should have adequate supports for sensor connectors and data logger
- Frame of tank made with stainless steel angle with sufficient number of holes or similar arrangements for holding LVDT's and other connectors
- Stand for LVDT and camera should be integrated with the tank
- Tank Support should be steel support frame of 60 cm height/Tank should be supported with suitable wheel arrangement for portability
- Base of the tank should extend to an extra 30 cm (other than specified dimension)
- Base should be provided with suitable drainage pipe/arrangements near the detachable side

### B. Reservoir for water supply

- The capacity of the reservoir for water supply should be 500L
- **C. Rainfall simulator system:** Connection pipes used for the rainfall simulator system should be fitted so as to avoid any kind of sagging or pressure loss during conveyance. It should include the following components:
  - i. Collection unit or tank for collecting discharge
    - The capacity for the collecting tank should be of 50L

#### ii. Pressure pump

- It should have a flow Rate of 22 Liter per minute with a maximum pressure of 1 bar
- It should have a main control valve and pressure gauge near the pump outlet
- It should have a digital flow meter at the pump outlet with a flow range of 2 to 45 Liter/minute with a maximum hydraulic pressure of ≤1.75 MPa
- Power Rating Single Phase: 0.37 to 1.1 kW (0.5 to 1.5 HP)

#### iii. Spray nozzles:

- Nozzle (full cone spray nozzle) assembly should be supported by horizontal and vertical metallic frame adjustable (sliding) in width and length (min to tank size) with attaching rods with slots along the length to adjust nozzle height
- Nozzle should be fixed with control valve and pressure gauge excluding main control valve and pressure gauge near the pump outlet

- Simulator should have tilting and adjustable facility (Adjustable nozzle height). The height can vary up to 5 m
- Nozzle should be of material suitable for resisting abrasion, erosion and corrosion.
- Capacity of nozzle to simulate rainfall should be in the range of 0.1 mm/hour to 250 mm/hour
- Nozzle attachment fixtures should be like that so as to accommodate another type of nozzle also.
- Drop size distribution should be uniform for the entire study
- Size of drops generated by nozzle should be nearly same as of natural rainstorms.
- Spray Angle should not be less than 60 degrees. Spray distance up to 4m.
- Single nozzle should have a flow rate of 12 ml/min to 840 ml/min and a maximum pressure of 10 psi. Number of
  nozzles should be selected based on providing the rainfall in the entire area of test tank in the range of intensities of
  0.1 mm/hour to 250 mm/hour.
- Connecting pipes should be of best quality (wear and tear free, corrosion free) sufficient length to accommodate with the variable simulator frame size with sufficient supports.

## iv. Image and video acquisition camera:

- CCD video Water proof action camera: GoPro Hero 9
  - 20 megapixel
  - 5K, 4K video recording
  - Live streaming
  - Water proof
  - Slow motion
  - Wifi/ Bluetooth enabled
- Digitial camera: Canon PowerShot G7 X Mark III
  - 4k resolution
  - DIGIC 8 Image Processor and 2.54cm Stacked CMOS Sensor
  - 4.2 x optical zoom (24mm-100mm)
  - 30fps (Raw Burst Mode- One Shot AF)
  - 20.1 megapixel
  - 4K Video Recording (without crop)
  - Image stabilization
  - Live Streaming

#### D. Tensiometer (5 No's):

- Should measure pore water pressure in the range of -100kPa to +100kPa
- Should measure soil suction precisely with minimum disturbance in soil.
- Should be corrosion resistant
- Output signal: 500mV to 2500 mV with 1500mV at 0kPa
- Accuracy :+ or -0.5kPa
- Supply voltage :9-14VDC; 10mA
- Linearity 0.5 % FS

#### E. Hand compactor:

• For compacting soil within the tank

#### F. Data acquisition system:

- On-line data acquisition and real-time graphical and numerical display of readings
- 32-channel data acquisition with minimum 24-bit resolution (feasible for expansion)
- Minimum Data Storage of 1000 tests
- Minimum Effective sampling rate of 50 readings per second

#### **G.** Installation Kit:

• All fittings, tubing's and other tools required to complete the installation of the test set up and running the test.

# 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 theAppropriate Category
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.
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.
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 and="" contact="" designation="" name,="" no.=""></insert>

[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.]

# <u>BID SECURITY DECLARATION FORM</u> (TO BE SUBMITTED ONLY THROUGH ONLINE MODE IN APPROPRIATE FORMAT)

Date:		Tender No			
To (insert complete r	name and address of the	he purchase)			
I/We. The undersigne	ed, declare that:				
I/We understand that	, according to your co	onditions, bids must be supported by a Bid Securing Declaration.			
		from bidding for any contract with you for a period of one year from the each of any obligation under the bid conditions, because I/We			
		ded, impairs or derogates from the tender, my/our Bid during the period of			
b) Having beer or reuse to	<ul><li>bid validity specified in the form of Bid; or</li><li>b) Having been notified of the acceptance of our Bid by the purchaser during the period of bid validity (i) f or reuse to execute the contract, if required, or (ii) fail or refuse to furnish the Performance Security, accordance with the Instructions to Bidders.</li></ul>				
	receipt of your notifi	ation shall cease to be valid if I am/we are not the successful Bidder, upo ication of the name of the successful Bidder; or (ii) thirty days after the			
Signed: in the capacity of		signature of person whose name and capacity are shown) spacity of person signing the Bid Securing Declaration)			
Name:	(insert comple	ete name of person signing he Bid Securing Declaration)			
Duly authorized to si	gn the bid for an on b	behalf of (insert complete name of Bidder)			
Dated on	day of	(insert date of signing)			
Corporate Seal (when	re appropriate)				
(Note: In case of a .Venture that submits		id Securing Declaration must be in the name of all partners to the Join			
		tterhead of the quoting firm and should be signed by a Competent ead to DISQUALIFICATION of bids.			

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### 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). We have submitted our principal's exclusive authorization letter which is specific for this tender No.\_\_\_\_\_ dated \_\_\_\_\_. Note: This letter should be on the letterhead of the quoting firm and should be signed by a Competent Authority. **ANNEXURE-V** 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 <u>letterhead of the quoting firm</u> and should be signed by a Competent Authority and having the power of attorney.