

Indian Institute of Technology Palakkad

भारतीयप्रौदयोगिकीसंस्थानपालक्काड

STORES & PURCHASE SECTION

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Tender No. TENDER/2025-26/PRJ_004
Date of Publication: 22-08-2025
Date/Time of Closing: 12-09-2025, 15:00 hours

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

SUPPLY, INSTALLATION, TESTING, AND COMMISSIONING OF ELECTRO-MAGNETIC INTERFERENCE AND ELECTRO-MAGNETIC SUSCEPTIBILITY (EMI/EMS) TESTING FACILITY

Conforming to the specifications as in BoQ Technical.

Tender Documents may be downloaded from the e-Wizard Portal https://mhrd.ewizard.in/. Aspiring Bidders who have not enrolled / registered in e-Wizard should enroll / register before participating through the website https://mhrd.ewizard.in/. 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.ewizard.in/ as 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	Publication of the Tender Document	22-08-2025
2	Last Date/Time for submission of ONLINE Bids	12-09-2025, 15:00 hours
3	Opening of Technical Bids	12-09-2025, 15:15 hours

Note:

- 1. The bidder should be a Class-I / Class-II Local Supplier meeting the requirement as per the Order No. P-45021/2/2017-PP (BE-II) issued by the Public Procurement Section, DPIIT, Ministry of Commerce and Industry, GOI dated 16-09-2020.
- 2. Bidders other than Class-I / Class-II Local Suppliers, who may participate in this tender, may be doing so at their own risk. Such bids would not be considered and rejected outright

TERMS AND CONDITIONS

1	GENERAL	(a) The responsibility of submission of the bids on or before the last date
1	GENERAL	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 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.
		(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.
		(g) 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.
		(h) The bidder shall not make or cause to be made any alteration, erasure or
		obliteration to the text of the Tender Document.
		(i) The Supplier shall not, without the prior written consent of the IITPKD,
	COMPOSITION	assign to any third party, the Contract or any part thereof.
2	COMPOSITION OF THE TENDER	(a) The Tender Document comprises of: Instruction to the bidders including terms and conditions
	DOCUMENT	Technical Specifications (Annexure-I)
		2. Undertaking by the Bidder (Annexure-II)
		3. Fall Clause Notice Certificate (Annexure-III)
		4. Annexure regarding Blacklisting/Debarment (Annexure-IV)
		5. Self Declaration – MII Order (Annexure-V)

DOCUMENTS (a) The Technical, Techno-commercial (Cover One), and Commercial **COMPRISING THE BID** Bid (Cover Two) shall be submitted ONLINE through the e-Wizard (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 (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, 1) Should have implemented at least TWO ORDERS Electro-Magnetic Interference (EMI) and Electro-Magnetic Susceptibility (EMS) testing facilities during previous two financial years (2023-24 and 2024-25) 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) Should have an Average Annual Turnover of Rs.7,00,00,000/-(RUPEES SEVEN CRORE ONLY) during the last THREE financial years (2022-23, 2023-24, 2024-25). 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) Should submit Digitally signed Tender Document in Cover One. (a) The bidder shall furnish EMD of Rs.7,00,000/- (Rupees Seven Lakh Only) **EARNEST** MONEY **DEPOSIT (EMD)** through online payment gateway in the E-Wizard. (b) Bids not accompanied by EMD shall be DISQUALIFIED. (c) The firms who are registered with National Small Industries Corporation (NSIC) / or Small Scale Industrial (SSI)/ Micro & Small Enterprises (MSEs) are exempted from submitting the EMD. NSIC / MSME registered bidders must submit a copy of a valid NSIC / MSME Registration Certificate for exemption of EMD. It will be applicable for those bidders who shall produce their own goods or provide their own services, and not applicable for trading purposes.

5	PERFORMANCE	(a) The performance security shall be submitted within FIFTEEN DAYS of
	SECURITY	receipt of the material by the IITPKD. The successful bidder shall furnish the Performance Security equal to 5% 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 up to SIXTY 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. (b) The performance security shall be a bank guarantee/E-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
6	BID PRICES AND CURRENCY	(a) Prices must be quoted separately for each equipment/item identified. (b) Price quoted for equipment/items shall include all the costs associated with packing, local transportation from the point of clearance to IITPKD, insurance, loading, unloading and associated delivery charges. The delivery shall be on DOOR DELIVERY basis to the institute including its installation, commissioning, integration and validation. It is the sole responsibility of the supplier to ensure that the equipment is delivered on DDP mode to IIT Palakkad. An undertaking to this effect as in Annexure-II. (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) / Foreign Currency.
7	LETTER OF CREDIT	 (a) Upon the successful Bidder's furnishing of the copy of the Purchase Order duly signed on each page and the Performance Security, for the equipment ordered in foreign currency, IITPKD will open a letter of credit (LC) in a convenient Nationalized Bank in India. For opening of LC necessary information shall be provided by the supplier or its authorized agents. (b) In case the successful bidder is a foreign company and wishes to submit Performance Security in the form of Bank Guarantee, the Bank Guarantee should be routed through the Beneficiary Bank to the end user bank. Otherwise, the Indian Agent of the foreign vendor shall submit a Bank Guarantee from a Nationalized Bank of India. The following documents shall be submitted in case of an Indian agent submitting the Performance Security on behalf of his principal: Foreign principal's proforma invoice indicating the commission payable to the Indian agent and nature of after-sales service to be rendered by the Indian agent. Copy of the agency agreement with the foreign principal and the precise relationship between them and their mutual interest in the business. (c) For imported equipment, a Letter of Credit (LC) shall be opened for

8	PERIOD OF VALIDITY	100% CIP price on receipt of the acknowledgment of the purchase order. However, 80% of the LC amount only shall be released on proof of the shipment of the consignment with necessary documents to be provided in detail at the time of placing of the purchase order. Balance 20% of the LC amount shall be released upon the receipt of a performance security of 5% of the total value of the purchase order and installation, commissioning, integration, validation and installation report/certification jointly given by the end user and the supplier. Any costs associated with the amendments made in the LC as per the request made by the Supplier s should be borne by the supplier. Any fluctuation in rates / rate conversions arising due to the amendment requests made by the supplier shall be on the supplier and not on the institute. (d) 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. (e) If the deadline is extended due to unforeseen circumstances, the bid validity shall be deemed to have extended accordingly.
9	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 16 WEEKS 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, Dr. APJ Abdul Kalam Block, Kanjikode West, Palakkad - 678623, Kerala. (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 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.
10	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.
11	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.
12	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.
13	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.
14	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 THIRTY DAYS 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.
15	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 EQUIPMENT	any of the following: i. Any occurrence of Force Majeure;
	EQUITMENT	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
16	COVEDNING LAW	Supplier.
16	GOVERNING LAW AND	(a) The Contract shall be governed by and interpreted in accordance with the laws of India.
	SETTLEMENT	(b) Any complaints related to this tender should be reported to the
	OF DISPUTES	Independent External Monitors (IEMs) through email. Details of the
		IEMs are as follows:
	IEMs DETAILS:	1. Shri. Ashok Kumar Poddar Noida-201301(U.P), Email: - ashokpoddar62@gmail.com
		2. Shri G Venugopal Reddy
		Hyderabad-500084, Email: <u>-venu1960@gmail.com</u>
		(c) the Integrity Pact is deemed as part of the contract in order to ensure that the parties are bound by the recommendation of the IEMs, in case
		any complaint relating to the contract, is found substantiated.
		(d) Any dispute or claim arising out of/relating to this Contract of the
		breach, termination or the invalidity thereof, shall be settled by IEMs/ the Hon'ble Courts of Justice at Palakkad.
		(e) 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-II.
		(f) 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.
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AWARD OF CONTRACT

1	AWA DD CDITEDIA	1 1	HTDVD will award the Contract to the Didder where hid
1	AWARD CRITERIA	1.	IITPKD will award the Contract to the Bidder whose bid
			has been determined to be substantially responsive and as
			per the Order No. P-45021/2/2017-PP(BE-II) dated
			16-09-2020 from Department for Promotion of
			Industry and Internal Trade (Public Procurement
			Section), Ministry of Commerce and Industry, Govt. of India.
		2.	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
			16-09-2020.
		3.	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.
		4.	Preference will be given to bidders offering the complete
			set of equipment listed in the tender, while the Institute
			may still procure individual items or quantities from
			different bidders as described in Point 3.
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 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	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
	CONTED A CIT. DOCUMENTES /	1	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:
			0 45 1010 (15)
			(i) Contract Agreement/Purchase Order(ii) All Forms/Annexures
			· /
			(iii) equipment/items and their requirement
			(iv) Supplier's Bid(v) Tender Document
		2	No amendment or other variation of the Contract shall be
		3.	
			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.
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Name of the Item:	Electro-Magenetic Interference and Electro-Magnetic Susceptibility (EMI/EMS) Esting Facility	
Quantity:	EMI Test Receiver:	
	QTY = 1	
	2. Commercial LISN(Single Phase and Three Phase) in line with CISPR 16-1-2 9KHz to 30MHz:	
	QTY = 1	
	3. Automotive LISN(100A) Comply to CISPR-25 Standard.	
	QTY = 2	
	4. Two Line Coupling Decoupling Network	
	QTY = 1	
	5. Three Line Coupling Decoupling Network	
	QTY = 1	
	6. Conducted emission: System Controller, EMC Software, System Rack, Set of RF Cables, UPS & Accessories	
	QTY = 1	
	7. Vector Signal Generator	
	QTY = 1	
	8. Power Sensor	
	QTY = 3	
	9. Broadband Power Amplifier	
	QTY = 1	
	10. Coupling Decoupling Network for Two/Three supply lines 16A	
	QTY = 1	
	11. Coupling Decoupling Network FOR HIGH TRANSMISSION	
	QTY = 1	
	12. Coupling Decoupling Network	
	QTY = 1	

	13. Bulk Current Injection Probe
	QTY = 1
	14. Suitable Injection Probe Calibration Fixture
	QTY = 1
	15. Clamp on Current Probe
	QTY = 1
	16. Calibration Fixture for Current Probes
	QTY = 1
	17. Calibration fixture
	QTY = 2
	18. EM Injection Clamp
	QTY = 1
	19. Suitable Calibration Fixture for EM Injection Clamp
	QTY = 1
	20. De-Coupling Network
	QTY = 1
	21. Conducted immunity: System Controller , EMC Software , System Rack , Set of RF Cables, UPS & Accessories
	QTY = 1
	22. ESD GUN 30KV as per IEC 61000-4-2
	QTY = 1
	23. Oscilloscope
	QTY = 1
	24. Dedicated Test Tables for Conducted Emission, Conducted Immunity and ESD as per standard TO BE PROVIDED BY THE VENDOR
	QTY = 1 set
Warranty Period:	1 year + 1 year (extended)

TECHNICAL SPECIFICATIONS

S. No.	Items	IIT PKD required Specification		
110.		Feature	Specifications	
1.	EMI Test Receiver	Frequency Range	10Hz to 7GHz	
	QTY = 1	Detectors	max. peak, min. peak, quasi-peak, RMS, average, average with meter time constant(CISPR-average), RMS-average (CISPR-RMS)	
		Max RF Level(CW)	30dBm (=1W) for RF attenuation ≥ 10 dB; RF preamplifier off, *23 dBm (= 0.2 W) for RF attenuation ≥ 10 dB; RF preamplifier on	
		1 dB compression of input mixer	10 dBm (nom.)	
		Units of level axis	dBm, dBμV, dBmV, dBμA, dBpW, dBpT	
			analyzer mode (sweep time) span = 0 Hz 1 μ s to 16000 s span \geq 10 Hz (swept) 1 ms to 16000 s	
		Measurement Time	span \geq 10 Hz (FFT) 7 μ s to 16000 s receiver mode (stepped frequency scan) 50 μ s to 100 s (per frequency) receiver mode (time domain scan) 50 μ s to 100 s (per frequency subrange)	
		Frequency Step Size	receiver mode (stepped frequency scan) min. 1 Hz	
		RF Preamplifier	RF Preamplifier 20 dB, 9 kHz to 7 GHz	
		Frequency Resolution (Receiver Mode)	0.1 Hz	
		No of Trace points (Receiver Scan)	up to 4 000 000	
		Time Domain Scan	Receiver should come with inbuilt time domain option	
		Internal Pre amplifier	1 kHz to 7 GHz 20 dB (nom.)	
		Video Bandwidth (Analyser mode)	1 Hz to 10 MHz in 1/2/3/5 sequence,	

		EMI bandwidths (-6 dB)	10 Hz, 100 Hz, 1 kHz, 10 kHz, 100 kHz ,200 Hz, 9 kHz, 120 kHz, 1 MHz
		Number of Sweep Points	*analyzer mode (standard) 101 to 32001 *analyzer mode (EMI) 101 to 200001 *receiver mode max. 4000000
			DC block 10 kHz - 18 GHz
		DC Block	N-connector 50 Ohm, 50 V DC
			Pulse limiter 0 - 30 MHz
			N-type connector
		Pulse Limiter	incl. calibration certificate and report
		Click Rate Analysis Inline with CISPR 14-1	Inbuilt Click Rate Analysis
	Commercial	Frequency	9KHz to 30MHz
2.		Simulated Impedance	$(50 \mu H + 5 \Omega) \parallel 50 \Omega$
	LISN(Single Phase and Three Phase) in	Error limits in line with CISPR16-1-2	±20% and ±11.5°
	line with CISPR 16-1-2 9KHz to 30MHz QTY = 1	Maximum permissible constant current for EUT 1	16A
		Mains Voltage for EUT 1	0 V to 240 V AC + 10%
		DC Voltage for EUT 1	0 V to 350 V DC + 10%
		Maximum permissible constant current for EUT 2	32A
		Mains Voltage for EUT 2	0 V to 240/415 V AC + 10%

		DC Voltage for EUT 2	0 V to 350 V DC + 10%
		Mains Fraguency	0 Hz to 60 Hz + 5%
		Mains Frequency	0 HZ t0 00 HZ ± 3/6
		RF Output	N female, 50 Ω
			Supply and fabrication of grounding plate Item:ground plate 1 set consists of : 1pc L plate, copper 0.5mm thick
		Ground Plate	This should include the vertical and horizontal planes in which all the equipment, EUT and table will be sitting, as per applicable standards.
		Mains input connector	CEE: for three phase, 32A
		Mains output connector	CEE: for three phase, 32A Schuko: for single phase, 16A
3.	Automotive LISN(100A)	Frequency	0.1 MHz to 150 MHz
	Comply to CISPR-25 Standard.	Simulated Impedance	$(5 \mu H + 1 \Omega \parallel 50 \Omega)$
	QTY = 2	Max. permissible error limits (in line with CISPR25)	100A
		Max. permissible operating DC voltage	600V
		Max. permissible operating AC voltage	250V
		AC Supply Frequency Range	0 Hz to 400 Hz
		RF Connector	N-Female
			Pulse Limiter without Fuse Lamp, N
		Pulse Limiter	connectors

		Mains input/output connector	Wing Terminals
		Selectable input capacitor of 1µF	Should be selectable by a switch at rear side
		Termination	50Ω,2W Termination
4.	Two Line Coupling	Frequency	30MHz to 300MHz
	Decoupling Network QTY = 1	Connector for EUT	2 X 4mm safety laboratory Jacks
		Measurement port	50 Ω BNC
		Max. voltage line to ground	400 VDC 277 VAC 50/60 Hz
		Max Current	16 A
		Common mode impedance:	$150 \Omega + 10 \Omega / -20 \Omega$
		Max. EuT RF voltage:	140 dBμV
		Voltage division factor EuT – measuring port:	20 dB ±1.5 dB
		Acc. to standard:	CISPR 15/ EN 55015
		Short Adapter	Short Circuit Bridge for CA CDNE M2A Part A
5	Three Line Coupling Decoupling Network QTY = 1	Frequency	30MHz to 300MHz
		Connector for EUT	3 X 4mm safety laboratory Jacks
		Measurement port	50 Ω BNC
		Max. voltage line to ground	400 VDC 277 VAC 50/60 Hz

		Max Current	16 A
		Common mode impedance:	$150~\Omega + 10~\Omega / -20~\Omega$
		Max. EuT RF voltage:	140 dBμV
		Voltage division factor EuT – measuring port:	20 dB ±1.5 dB
		Acc. to standard:	CISPR 15/ EN 55015
		Short Adapter	Calibration or short adapter for CDNE M3 .
		Adapter Kit	calibration or short adapter for CDNE
		Adapter	150-50Ohm,Frequency DC-500MHz,6W,BNC 50Ω,4mm Banana Jacks
		Attenuator	DC-4GHz,2W,6dB Bi-Directional Attenuator BNC(m)-BNC(f)
6.	Conducted emission: System Controller, EMC	Set of RF Cables,Control Cables and Connectors	Should be Provided by supplier to make the whole system usable
	Software, System Rack, Set		interactive and automatic test execution of Conducted Emission Test as per standard CISPR 11 /32/25
	of RF Cables, UPS &		• spectrum overview measurement, data reduction, final measurement • automated switching of LISN lines (depending on receiver used)
	Accessories		data reduction method (subrange maxima or peak excursion)
	QTY = 1		trigger custom actions or notifications before/during/after test
			device simulation mode for preparation/validation of test templates integrated database
			data backup and restore
		EMC Software	• import and export function for test templates, device configuration and tables integrated database single test, multiple measurement report in PDF, DOCX format

		Desktop PC	Operating System:Windows-11, CPU:PC with Intel Core i5/i7/i9 processor (or comparable), RAM:16 Gbyte, 32/64 Gbyte or higher recommended, Hard Disk: 250 Gbyte solid-state disk (SSD), Interface with USB 2.0 and LAN
		UPS	Uninterrupted Power Supply for all the equipment (excluding the EUT) and Desktop PC for minimum 30 minutes backup for data storage/recovery and safe shutdown
7.	Vector Signal Generator	Frequency	4KHz to 3GHz
	Generator	Setting Range	-120 dBm to +16 dBm
	QTY = 1	Setting Resolution	0.01dB
		Level	-110 dBm to +15 dBm
		Output impedance VSWR in 50 Ω system I	< 2.0 (typ.)@200 kHz < f ≤ 4.5 GHz
		Reverse power	maximum permissible RF power in output frequency range of RF path, from 50 Ω source; In case of too high reverse power, the RF output is switched off. 1 MHz < f \leq 7.125 GHz 2 W
		Maximum permissible DC voltage	35V
		AM / FM / PhiM	Should be available
		Pulse Modulation	Should be available
		Rack	19-Inch Rack should be provided
8.	Power Sensor	Frequency	8KHz-6GHz
	QTY = 3	Power	100pW to 200mW
		Level	-70 dBm to +23 dBm
		Connector Type	N-Male
		USB Cable	5-Meter USB Power Sensor Cable

9.	Broadband Power Amplifier	Frequency	4KHz to 400MHz
	QTY = 1	Nominal Output Load	50Ω
	QII-I	Nominal Output Power @ 1dB Compression	*4 kHz to 10 kHz min. 20 W (43.0 dBm) at 4 kHz rising to 100 W (50.0 dBm) at 10 kHz *10 kHz to 400 MHz min. 125 W (51.0 dBm) *250 MHz to 400 MHz min. 115 W (50.6 dBm)
		Nominal Power Gain	nom. 54.4 dB @150MHz
		Gain Flatness	< ±3 dB @ 8 kHz to 400 MHz
		Harmonics	<-20 dBc
		Spurious	nom. –80 dBc, max. –70 dBc
		Noise Figure at Maximum Gain	nom. < 16.0 dB
		Nominal Input Impedance	50 Ω
		Input VSWR	max. 2:1 @ 50 Ω
		Maximum Input Level	RF +5 dBm DC 0 V
		Nominal Output Impedance	50 Ω
		Output Mismatch Protection, VSWR	100 %, without damage
		RF Input Port	N female
		RF Output Port	N female
		Cooling	forced air, built-in fans, air entry at front, air exit at rear
		Remote Interface	Ethernet

		Power Supply System	100 V to 240 V AC \pm 10 %, single phase, 50 Hz to 60 Hz \pm 6 %
		Termination	DC-8.5GHz,300W,N-Type Male Termination
10.	Coupling Decoupling Network for	Frequency	150KHz-230MHz
	Two/Three supply lines 16A	M2 Section Max Voltage	DC – 60Hz 250V
	QTY = 1	M3 Section Max Voltage	50Hz – 60Hz 250V
		Max Current	16A
		Common mode impedance:	150Ω
		Supply Lines	2 / 3 Supply Lines
		EUT Connector	Multi-Contact Safety Socket 4mm
		RF Disturbance Port	50Ω ΒΝϹ
		Max Test Volts	<30V
		According to Standard	IEC 61000-4-6
		Adapter	Shorting Adapter for Switchable M2/M3 CDN
11.	Coupling Decoupling Network	Frequency	150 kHz – 80 MHz
	FOR HIGH TRANSMIS SION	Common mode impedance:	150 kHz – 30 MHz 150Ω +20Ω 30 MHz – 80 MHz 150Ω +60Ω -45Ω
	QTY = 1	Phase angle	150 kHz – 30 MHz 0°+20°
		RF Attenuation (RF port to EUT):	9.5 + 1dB
		RF test voltage:	<30 volts

		Insertion Loss:	< 2dB
		Connector	RJ45
		According to Standard	IEC 61000-4-6
		Shorting Adapter	SHORTING ADAPTOR FOR CDN FOR FOUR UNSCREENED BALANCED LINES
		Shorting Adapter	Shorting adapter for CDN for 8 screened connectors
12.	Coupling Decoupling Network	Frequency	150 kHz – 230 MHz
	QTY = 1	Module	Four Balanced Pair Module, 100 Rated for 1000 Base T Transmission < 3dB Insertion Loss at 250MHz
		Power Rating EUT	AC Maximum Voltage: 100V DC Maximum Voltage: 100V Maximum Current: 1 ampere
		Common mode impedance:	150 kHz – 30 MHz: 150Ω +20Ω 30 – 230 MHz: 150Ω+60/-45Ω
		Common Mode Phase Difference	150 kHz – 30 MHz: +/-20 degrees
		Common Mode Isolation	150 kHz – 30 MHz: >60 dB 30 MHz – 230 MHz: >40 dB
		Connector	50Ω ΒΝϹ
		RF Voltage	30V
		Adapter	50-150Ω Adapter,10KHz-230MHz,3W 150mm CDN
13.	Bulk Current	Frequency	10KHz-400MHz
	Injection Probe	Inner Diameter	40mm
	QTY = 1	Outer Diameter	127mm
		Input Power Rating	200W

14.	Suitable Injection Probe	Frequency	10KHz-400MHz
	Calibration Fixture		
	QTY = 1	Dimension	LxWxH: 317 x 178 x 159 mm
15.	Clamp on Current Probe	Frequency	10KHz-400MHz
	QTY = 1	Connector	N-Type
		Inner Diameter	40mm
		Outer Diameter	80mm
		Max Current	200A(DC-400Hz)
		Peak Pulse Current	100A
16.	Calibration Fixture for Current	Frequency	Freq range: 10 Hz - 500 MHz
	Probes	Dimension	LxWxH: 225 x 180 x 155 mm
	QTY = 1	Attenuator	ATTENUATOR 6dB 150W Nm/f 4GHz
		Attenuator	ATTENUATOR 20dB 150W Nm/f 4GHz
		Terminator	DC-3GHz Terminator N(f) connector 150W power (Ave)
17.	Calibration fixture		
	QTY = 2	Terminator	DC-4GHz Terminator N(m) connector 25W power (Ave)
18.	EM Injection Clamp	Input Power Rating	10KHz-1GHz,100W CW(15min)
	QTY = 1	Dimension	610 x 75 x 135mm,(LXWXH)
		Coupling Aperture	23mm
19.	Suitable Calibration		Freq. range: 10 kHz - 1 GHz
	Fixture for EM	EM Calibration Fixture for EM Injection Clamp	LxW: 914 x 305 mm Connector: Type N
		1	~.

	Injection Clamp		
	QTY = 1		
20.	De- Coupling Network	Frequency	100KHz-100MHz
	QTY = 1	Aperture	23mm
		Dimension	610 x 75 x 134 mm (LXWXH)
21.	Conducted immunity: System Controller, EMC	Desktop PC	Operating System:Windows-11, CPU:PC with Intel Core i5/i7/i9 processor (or comparable), RAM:16 Gbyte, 32/64 Gbyte or higher recommended, Hard Disk:250 Gbyte solid-state disk (SSD), Interface with USB 2.0 and LAN
	Software, System Rack, Set of RF	EMC Software	Interactive and automatic test execution of Conducted Immunity Test as per standard IEC61000-4-6, ISO 11452-4
	Cables, UPS & Accessories QTY = 1	Set of RF Cables,Control Cables and Connectors	Should be Provided by supplier to make the whole system usable
		UPS	Uninterrupted Power Supply for all the equipment (excluding the EUT) and Desktop PC for minimum 30 minutes backup for data storage/recovery and safe shutdown
22.	ESD GUN 30KV as per IEC 61000-4-2 QTY = 1	Maximum Voltage	30KV
		Discharge Mode	Contact and Air Discharge
		Storage capacitor	150 pF according to IEC61000-4-2
		Discharge resistor	330 Ω according to IEC61000-4-2
		Circuit inductance	< 5 μΗ
		Voltage range AD Voltage range CD	1 – 30 kV
		Counter	Pre selectable 1 to 29999
		Holding time	>=5s

		Accessories	VCP for Indirect ESD application as per standard.10 cm wooden spacer.50 x 50 cm coupling plane. Application points one on each side. Includes 2 m earth cable (with 2 x 470 kO). Includes 40 dB att., 50 O coax.cable (1 m) with SMA out
			ESD Target with Surface Finish gold plated with Input voltage max. 30 kV CD, Diameter 70 mm and
		ESD Target	Thickness 40 mm
		ESD Target Board	ESD Target Board 1.2m x 1.2m Setup
		ESD Test Setup	ESD test Table to be provided . Dedicated Ground will be provided by customer
23.	Oscilloscope	Bandwidth	2GHz
	QTY = 1	Channels	4-Channel
		Resolution	12-Bit
		Sampling Rate	5-GS/s
		Arbitrary Function Generator	2-Channel 100MHz-Function Generator
		Low Speed Serial Bus Decode	(I2C/SPI/QuadSPI/UART/RS-232/RS-422/RS-485)
		Automotive Protocol Decode	CAN/CAN FD/CAN XL/LIN/SENT
		Mixed Signal Option	16-Channel MSO Option
		Power Analysis	Should be available
		Probes	Four Passive Probes should be Provided
		Memory	1Gpts
24.		st Tables for Conduct ED BY THE VENDO	ted Emission, Conducted Immunity and ESD as per standard TO DR

<u>UNDERTAKING BY THE BIDDER</u> (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 hereby accept that the PRICES OF THE EQUIPMENTS/ITEMS QUOTED ARE AS PER THE INCOTERMS 2022 - DDP MODE, IIT PALAKKAD AND CLAUSE NO.6 OF THE TENDER DOCUMENT.

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. ANNEXURE-IV UNDERTAKING REGARDING BLACKLISTING / NON – DEBARMENT Tender No To, M/s. Indian Institute of Technology Palakkad Kanjikode, Palakkad, Kerala 678623. We hereby confirm and declare that we, M/s are not blacklisted/ De-registered / debarred	CUMENT.
Note: This letter should be on the letterhead of the quoting firm and should be signed by a Competent Authority. ANNEXURE-III 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. ANNEXURE-IV UNDERTAKING REGARDING BLACKLISTING / NON – DEBARMENT Tender No	We hereby undertake that there are pages, serially numbered, in the submitted tender uding the supporting documents. (Please serially number all the pages including blank page, if any).
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have Executed/ Undertaken the works/ Services.	ny Government department/ Public Sector Undertaking/ Private Sector/ or any other agency for which we
For Company Name and Seal Authorised Signatory	npany Name and Seal norised Signatory

Note: This letter should be on the letterhead of the quoting firm and should be signed by a Competent

Authority.

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 so	plemnly affirm and declare as under:
Order, 20	Il agree to abide by the terms and conditions of the Public Procurement (Preference to Make in India) 17 (hereinafter PPP-MII order) of Government of India issued vide Notification No:P-45021/2/2017 ted 15/06/2017, its revision dated 28/05/2018 and any subsequent modifications/Amendments, if any
	local content for all inputs which constitute the said goods/services/works has been verified by me and onsible for the correctness of the claims made therein.
Tick (✓) and Fill the Appropriate 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.
	n behalf of
	ed signatory (To be duly authorized by the Board of Directors) ame, 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.]

INTEGRITY PACT

(to be submitted by the bidder on Rs. 100/- non-judicial paper)

This INTEGRITY PACT is made and executed at on this day of202
BY AND BETWEEN
Indian Institute of Technology Palakkad (IIT Palakkad), an autonomous organization under Ministry of Education, Govt of India and incorporated under the Indian Institute of Technology Act 1961 having its campus at Nila Campus, Kanjikode West, Palakkad – 678623, Kerala (hereinafter referred to as "The Principal" which term or expression shall, unless excluded by or repugnant to the subject or context, mean and include its successor-in-office, administrators or permitted assignees) of the First Part;
AND
M/s
PREAMBLE The Principal intends to award, under laid down organizational procedures, contract/s for The Principal values full compliance with all relevant laws of the land, rules, regulations, economic use of and of fairness/transparency in its relations with its Bidder(s) and/or Contractor(s).
In order to achieve these goals, the Principal will appoint an Independent External Monitor (IEM), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

 $Section \ 1-Commitments \ of the \ Principal.$

- 1. The principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:
 - a) No employee of the principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the personal is not legally entitled.
 - b) The principal will during the tender process treat all Bidder(s) with equity and reason. The principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the process or the contract execution.
 - c) The principal will exclude from the process all known prejudiced persons.
- 2. If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the IPC/PC Act, or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary actions.

Section 2 – Commitments of the Bidder(s)/Contractor(s)

- 1. The Bidder(s)/Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.
 - a. The Bidder(s)/contractor(s) will not, directly or through any other persons or firm, offer promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage or during the execution of the contract.
 - b. The Bidder(s)/Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
 - c. The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act; further the Bidder(s)/Contractors will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or documents provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

- d. The Bidder(s)/Contractor(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly, the bidder(s)/contractor(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. All the payments made to the India agent/representative have to be in Indian Rupees only.
- e. The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
- f. The Bidder(s)/Contractor (s) who have signed the Integrity Pact shall not approach the courts while representing the matter to IEMs and shall wait for their decision on the matter.
- 2. The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3: Disqualification from tender process and exclusion from future contract

If the Bidder(s)/Contractor(s), before award or during execution has committed a transgression through a violation of Section 2 above or in any other form such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/Contractor(s) from the tender process or to terminate the contract, if already signed, for such reasons.

Section 4 : Compensation for Damages

- 1. If the Principal has disqualified the Bidder(s) from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit/Bid Security.
- 2. If the Principal has terminated the contract according to Section3, or if the Principal is entitled to terminate the contract according to Section3, The Principal shall be entitled to demand and recover from the Contractor liquidated damages of the Contract value or the amount equivalent to Performance Bank Guarantee.

Section 5: Previous Transgression

- 1. The Bidder declares that no previous transgressions occurred in the last three years with any other company in any country conforming to the TII's anti-corruption approach or with any other public sector enterprise in India that could justify his exclusion from the tender process.
- 2. If the bidder makes incorrect statement on this subject, he can be disqualified from the tender process and appropriate action can be taken including termination of the contract, if already awarded, for such reason.

Section 6: Equal treatment of all Bidders / Contractors / Subcontractors.

- 1. In case of sub –contracting, the Principal Contractor shall take the responsibility of adoption of Integrity Pact by the Sub Contractor.
- 2. The Principal will enter into agreements with the identical conditions as this one with all bidders and Contractors.
- 3. The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

Section 7: Criminal charges against violation Bidder(s) / Contractor(s) / Sub-contractors(s).

If the Principal obtains knowledge of conduct of a Bidder(s)/ Contractor(s) which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the same to the Chief Vigilance Officer.

Section 8: Independent External Monitor/Monitors

- 1. The Principal appoints competent and credible Independent External Monitor for this Pact after approval of Central Vigilance Commission. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
- 2. The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. The Monitor will have access to all contract documents, whenever required. It will be obligatory for him to treat the information and documents of bidders /contractors as confidential. He reports to the Director, IIT Palakkad.
- 3. The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction to all project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors.
- 4. The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/Contractor(s)/Subcontractor(s) with confidentiality. The Monitor has also signed declarations on "Non Disclosure of Confidential Information" and of "Absence of Conflict of Interest" In case of any conflict of interest arising at a later date, the IEM shall inform the Director, IIT Palakkad.
- 5. The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.

- 6. As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
- 7. The Monitor will submit a written report to the Director, IIT Palakkad within 8 to 10 weeks from the date of reference or intimation to him by the Principal and, should the occasion arise, submit proposals for correcting problematic situations.
- 8. If the Monitor has reported to the Director, IIT Palakkad, a substantiated suspicion of an offence under relevant IPC/PC Act, and the Director, IIT Palakkad has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.
- 9. The word "Monitor" word include both singular and plural.

Section 9: Pact Duration

This pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the contract, and for all other Bidder 6 months after the contract has been awarded.

If any claim is made/lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/determined by the Director, IIT Palakkad.

Section 10: Other Provisions

- This agreement is subject to Indian Law. Place of performance and jurisdiction is the registered office of the Principal i.e. Palakkad, Kerala.
- Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.
- If the contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
- Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

• In the event of any contradiction between the Integrity Pact and its Annexure, the clause in the Integrity Pact will prevail. (For & on behalf of the Principal) (For & on behalf of Bidder/Contractor) (Office Seal) (Office Seal) Place : ____ Date : _____ Witness 1 (Name & Address): Witness 1 (Name & Address): Witness 2 (Name & Address): Witness 2 (Name & Address):

• Issues like Warranty/Guarantee etc. shall be outside the purview of the IEMs.