



IIITDM
KANCHEEPURAM

TENDER NOTICE FOR PROCUREMENT

Tender Enquiry No: **IIITDMK/24-25/SP/FESEM/032 Dt20.02.2025**



वैदिक दनदवि प्रपत्र /Global Tender Enquiry (E-Procurement Mode)

For

Supply, Installation & Commissioning of Field Emission Scanning Electron Microscopy (FESEM) along with integrated Electron Backscatter Diffraction (EBSD)-Energy Dispersive Spectroscopy (EDS) system



GLOBAL OPEN TENDER

Notice Inviting E-Tender (E-Procurement Mode)

Date: 20.02.2025

IIITDM Kancheepuram invites online bids (e-tender) in two bids systems, from OEM/Authorized distributors/Authorized dealers for the following item.

Item	:	Supply, Installation & Commissioning of Field Emission Scanning Electron Microscopy (FESEM) along with integrated Electron Backscatter Diffraction (EBSD)-Energy Dispersive Spectroscopy (EDS) system (Specification/Quantity details enclosed as Annexure-1)
Tender Enquiry No	:	IIITDMK/24-25/SP/FESEM/032 Dt20.02.2025
EMD	:	All participating vendors have to submit a EMD of Rs. 16,50,000/-

CRITICAL DATE SHEET

STAGE	DATE & TIME
Pre-Bid meeting	05th March 2025 – 15:00 HRS at IIITDM Kancheepuram / Hybrid Mode Meeting ID – meet.google.com/bro-ujqz-vit
Bid Submission End Date & Time	27 th March 2025 - 15:00 HRS
Bid Opening Date & Time	28 th March 2025 - 15:30 HRS
NOTE: Category of Suppliers invited for this Tender i) Class I local Supplier - has a local content minimum 50% ii) Class II local Supplier - has a local content minimum 20% iii) Non Local Supplier - has local content of less than 20% (Refer 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)	
Important: All communications are to be addressed in the name of The Registrar, IIITD&M Kancheepuram only and not in the name of any officer, and emails have to be sent to the official purchase email ID purchase@iiitdm.ac.in	

INSTRUCTIONS FOR ONLINE BID SUBMISSION

The bidders are required to submit soft copies of their bid electronically on the CPP Portal, using valid Digital Signature Certificates. Below mentioned instructions are meant to guide the bidders for registration on the CPP Portal, prepare their bids in accordance with the requirements and submit their bids online on the CPP Portal.

For more information, bidders may visit the Portal (<https://eprocure.gov.in/eprocure/app>)

1. REGISTRATION PROCESS ON ONLINE PORTAL

- a) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “**Online bidder Enrollment**” on the CPP Portal which is free of charge.
- b) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- c) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- d) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify /nCode /eMudhra etc.), with their profile.
- e) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC’s to others which may lead to misuse.
- f) Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

2. BID PREPARATION

- a) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- b) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- c) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- d) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use “My Space” or “Other Important Documents” are available to them to upload such documents. These documents may be directly submitted from the “My Space are while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

Note: This information is provided for understanding the bid submission process in the CPP Portal and may be noted that the Institute is not responsible for any delay / problem for uploading of document in the CPP Portal.

GENERAL TERMS AND CONDITIONS

1. The Bidders are requested to give detailed tender in two bid format.

Bid-I	:	Technical Bid
Bid-II	:	Commercial Bid

2. The tender document can be downloaded from the CPPP Portal <https://eprocure.gov.in/eprocure/app> OR Institute website- <https://www.iiitdm.ac.in/tender>
3. The duly filled tenders should be submitted on or before due date **15.00 HRS, 27th March 2025**. Extension of due date will not be entertained.
4. **A pre-bid meeting is organized on 05.03.2025 at 15.00 hrs in IIITDM Kancheepuram / Hybrid mode** to clarify any doubts about the tender. The Interested bidders may participate at their own cost and the minutes of the meeting will be uploaded in the website. These shall be binding on all bidders and will form part of the bid documents. The link for the meeting through online mode is <meet.google.com/bro-ujqz-vit>.
5. **Tenders submitted without following the two bid offer system will summarily be rejected. IIITDM Kancheepuram shall not be responsible for any delay in online submission.**

6. **Bid -1: Technical Bid**
 The online Technical bids should be uploaded containing the scanned copy of the following documents in (.pdf file)

1.	The technical bid compliance sheet & Eligibility Criteria	(Annexure-1)
2.	All participating vendors have to submit a EMD of Rs. 16,50,000/- and the scanned copy of EMD payment proof along with the Bid must be uploaded. (Bids without EMD payment will be summarily be rejected)	(Annexure-2)
3.	Bid Security Declaration form	(Annexure-3)
4.	Declaration of Local Content	(Annexure-4)
5.	Manufacturer's Authorization & Warranty Support Declaration	(Annexure-5)
6.	Bidders shall quote only those products in the bid that are not obsolete in the market and have at least 5 years residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.	(Annexure-6)
7.	Experience Certificate: Should have Supplied Five similar equipment (each costing Rs.3.00 Crores and above excluding taxes) to reputed organizations/ research institutions/ Universities etc. in India during the past TEN YEAR i.e., from FY 2015-16 to 2024-25 (PO copies without any alteration/modification and copies of installation report to be enclosed) (Past Experience details)	(Annexure-7)
8.	Item Description Leaflet	(Annexure-8)
9.	Declaration Regarding Clean Track/No Legal Action duly certified by the Notary	(Annexure-9)
10.	Acceptance of Tender Terms	(Annexure-10)
11.	No Relation Certificate	(Annexure-11)
12.	Pre Contract Integrity Pact	(Annexure-12)

Bids should have a validity of **180 days**. The technical offer should not contain any information on price.



Important:

The Technical bid consisting of all annexures and other documents should be serially numbered and to be uploaded as a single pdf file and the page number details has to be furnished in the compliance sheet. The total number of pages uploaded to be mentioned in the relevant column.

Earnest Money Deposit (EMD):

- **EMD amount as shown in NIT can be deposited in IIITDM Kancheepuram bank account through net banking as mentioned below else, the bid will be rejected.**

Name of the Account : IIITDM KANCHEEPURAM

Account Number : 50100551446350

Bank Name : HDFC Bank, Kelambakkam

IFSC Code : HDFC0002075

However, the scanned copy of EMD payment along with the Bid must be uploaded electronically on e-Procurement site. No other mode of payment is accepted.

In the case of payment failure/ mismatch of particulars leads to rejection of bid.

- For the successful bidder, the EMD will be retained/ adjusted against the security deposit.
- For the unsuccessful bidders, EMD amount will be refunded within 30 days from the finalization of contract.
- The bidder shall enclose cancelled cheque/bank details to refund the EMD amount in case of unsuccessful bids at the technical evaluation process.
- EMD shall be forfeited if any tenderer withdraws their offer within the bid validity period.
- The earnest money shall be valid for a period of sixty (60) days beyond the validity period of the tender.

7. Bid-2: Commercial Bid / Price:

- The Institute is exempted from custom duty (as applicable to Research Institutes/University) vide Custom notification no. 51/96 dt 23.07.1996 based on the DSIR notification in this regard.**
- The Price may be quoted either in INR or in Foreign Currency.
- The Price quoted should be for FOR Destination at IIITD&M Kancheepuram, Melakottaiyur, Off Vandalur-Kelambakkam Road, Chennai – 600 127.
- In case, the Indian bidders wanted to quote in INR for the items imported from foreign countries, they have to execute High Sea sale agreement to avail the duty exemption. The Institute shall provide the required documents in this regard.
- The packing, forwarding, freight, insurance and commissioning charges, if any extra may be quoted separately in commercial bid.
- This should contain only the price information along with commercial terms & conditions.
- Submission of commercial bids by any other means shall not be accepted by the Institute in any circumstances.
- The Institute is Government Funded Educational Institution offering UG/PG and PhD programmes. The Item is required for student laboratory purposes and prices may be quoted at applicable “Academic Pricing”.**

8. Bank Charges:

All Bank charges inside India, including the opening of LC, will be borne IIITDM Kancheepuram. The Bank charges outside India to Beneficiary's Account only. In case the bidder seeks confirmation of LC, such confirmation charges are to the Beneficiary's account.

9. Technical Evaluation:

- All the technical aspects of the bids will be evaluated by a committee constituted by the Director. The scrutiny of bids will be done prima-facie on the basis of documents and information furnished by the bidder in the bid. Hence, the bidders are requested to upload all the required documents to avoid rejection of their bid for want of information.
- The Technical Committee will examine all the Technical aspects of the bids received. Further, the Technical Committee may seek additional information from the existing users at IIITDM Kancheepuram or from other Institutes and these feedbacks will be considered for technical evaluation. The bidders can also be called for technical presentations if it is required so.
- The information received and the bids already submitted together will be examined with reference to the tendered specifications and evaluation is made by the Technical Committee.
- Further, the Institute may verify from the end users specified in the technical bid about the execution and satisfactory functioning of the item quoted, if required.
- Any information given in the bid found to be incorrect / false / suppressed fact will render the bidder ineligible at any stage during evaluation process or after issuance of PO and PO can be cancelled with no cost to the Institute.

10. Opening of Commercial Bids

IIITD&M Kancheepuram will open commercial bids of only the shortlisted bidders who qualified at the technical evaluation stage.

Commercial Evaluation:

- The bids shall be evaluated on the basis of final landing cost at FOR Destination at IIITD&M Kancheepuram, Melakottaiyur, Off Vandalur-Kelambakkam Road, Chennai – 600 127
- The comparison between the indigenous and the foreign offers shall be made on FOR destination basis. However, the prices quoted by the bidders shall be loaded further as under:
 - I. Towards applicable GST for the Indian suppliers
 - II. Towards applicable custom duty and IGST charge for the foreign suppliers
 - III. Towards custom clearance, inland transportation etc. @2% of the FOR value for the foreign suppliers,
- The Vague terms like “packing, forwarding, transportation..... etc. extra” without mentioning the specific amount/percentage of these charges will not be accepted. Such offers shall be treated as incomplete and rejected.
- The SBI TT Selling exchange rate as on the closing date of the tender will be taken into account for conversion of the foreign quote to INR.
- After arriving at final pricing of individual offers of all the short-listed firms, the lowest firm will be awarded with Contract/Purchase Order.

11. Make in India Policy:

1. This Institute is following and will abide with the Public Procurement (Preference to Make in India), Order 2017 issued from time to time. The Institute will award the Contract to the Bidder whose bid has been determined to be substantially responsive 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 following bidders are permitted to bid for the item.
 - i. Class I local supplier – has local content equal to more than 50%
 - ii. Class II local supplier – has local content 20% to less than 50%
 - iii. Non Local Supplier - has local content less than 20%
3. Further among all technically qualified bids during the price evaluation the lowest bid will be termed as L1. If L1 is Class I local supplier the contract will be awarded to L1. If L1 is not Class I Local supplier, the lowest bidder among the class I local supplier will be invited to match the L1 price subject to class I local supplier quoted price falling within the margin of purchase preference and the contract shall be awarded to such class I local supplier subject to match the L1 price. In case the lowest eligible class I supplier fails to match the L1 price, the class I local supplier with next higher bid within the margin of purchase preference shall be invited to match the L1 price and so on and the contract shall be awarded accordingly. In case none of the class I local supplier within the margin of purchase preference matches the L1 price the contract shall be awarded to the L1 bidder (Class II Local supplier or Non Local supplier. Class II Local supplier will not get any purchase preference.
4. The margin of purchase preference for Class I local supplier is 20% from L1 price (without tax).

12. Fraud and Corruption Integrity Clause:

IIITDM Kancheepuram requires that bidders, suppliers, contractors and consultants, if any, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy,

- a. The terms set forth below are defined as follows:
 - **“Corrupt practice”** means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;
 - **“Fraudulent Practice”** means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;
 - **“Collusive practice”** means a scheme or arrangement between two or more bidders, designed to establish bid prices at artificial, non-competitive levels; and
 - **“Coercive Practice”** means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract
- b. IIITDM Kancheepuram will reject a proposal for award if it determines that Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent collusive, or coercive practices in competing for the Contract in question.
- c. **Integrity Clause:** No official of a procuring entity or a bidder shall act in contravention of the codes which includes prohibition of making offer, solicitation or acceptance of bribe, reward or gift or any material benefit, either directly or indirectly, in exchange for an unfair advantage in the procurement process or to otherwise influence the procurement process.
- d. **The bidders are required to execute the Integrity pact and submit the same with the bid (refer Annexure 12).**

13. Delivery Period / Timelines:

The deliveries and installation must be completed **within 24 weeks** from the date of purchase order. The time is the essence of the contract. It is mandatory for the bidders who respond to this bid to meet this expectation, as this is linked to student's Labs / classes.

14. Supply & services:

- i) The items covered by this document is required to be supplied and installed at **Laboratory complex, Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram, Off Vandalur-Kelambakkam Road, Melakottaiyur, Chennai – 600 127, Tamil Nadu.**
- ii) IIITD&M Kancheepuram will not provide any accommodation / transportation for the engineers / representatives for attending installation, commissioning and demonstration work. It is the absolute responsibility of the principal supplier / agent to make their own arrangements.

15. Restriction on Purchase on Grounds of Defense of India:

The Institute follows Ministry of Finance and Department of Expenditure OM No.6/18/2019-PPD dated 23rd July 2020 and subsequent order dated 23rd July 2020 which are binding and the evaluation will be done accordingly.

16. Installation and Training:

- i) Bidder shall be responsible for installation/demonstration as applicable and for after sales service during the warranty and thereafter.
- ii) Installation and demonstration to be arranged by the supplier free of cost and the same is to be done within 15 days of the arrival of the equipment at site.
- iii) Necessary training at the Institute for the employees of IIITDM Kancheepuram to be provided.

17. Performance Bank Guarantee:

5% Security Deposit on the cost of Purchase Order Value as Performance Bank Guarantee for the period of warranty plus two months.

18. Warranty / Support:

- i) The items supplied shall carry the warranty as per the requirement mentioned in the technical specification.
- ii) The defects, if any, during the guarantee / warranty period are to be rectified free of charge by arranging free replacement wherever necessary.

19. Indemnity:

The vendor shall indemnify, protect and save IIITD&M Kancheepuram against all claims, losses, costs, damages, expenses, action suits and other proceeding, resulting from infringement of any law pertaining to patent, trademarks, copyrights etc., or such other statutory infringements in respect of all the items supplied by them.

20. Freight and Insurance:

The items to be supplied will be insured by the vendor against all risks of loss or damage from the date of shipment till such time it is delivered at IIITD&M Kancheepuram site.



21. Payment terms:

No advance payments are allowed.

INR Terms: 90% payment shall be made against delivery and acceptance of the item by the Institute. The balance 10% is payable after installation, commissioning and demonstration of the whole system to the satisfaction of the Institute upon submission of PBG for 5% of the PO value to cover the warranty period plus 2 months.

Foreign currency terms: 100% LC will be opened with 90% payment against submission of documents and balance 10% after delivery, commissioning and demonstration of the whole system to the satisfaction of the Institute upon submission of PBG for 5% of the PO value to cover the warranty period plus 2 months.

22. Penalty for delayed services / LD:

- i) As time is the essence of the contract, delivery period mentioned in the purchase order should be strictly adhered to. Otherwise LD clause will be applied / enforced.
- ii) If the supplier fails to supply, and fix the item as per specifications mentioned in the order within the due date, the supplier is liable to pay liquidated damages of 1% of order value for delay of every week or part thereof subject to a maximum of 10% beyond the due date. Such money will be deducted from any amount due or which may become due to the supplier.
- iii) IIITD&M Kancheepuram reserves the right to cancel the order in case the delay is more than 04 weeks and the contractor is not eligible for any damage from the Institute and contractor will forfeit his claim for EMD.

23. Force Majeure:

- a) IIITD&M Kancheepuram may consider relaxing the penalty and delivery requirements, as specified in this document, if and to the extent that the delay, in performance or other failure to perform its obligations under the contract, is the result of a force majeure.
- b) If the due date of submission of tender / tender opening is declared a holiday for the Institute, the due date for submission of tender / tender opening will be extended to same time on next working day.

24. Arbitration:

All disputes of any kind arising out of supply, commissioning, acceptance, warranty maintenance etc., shall be referred by either party (IIITD&M Kancheepuram or the bidder) after issuance of 30 day's notice in writing to the other party clearly mentioning the nature of dispute and will be referred to the arbitrator to be nominated by Director, IIITD&M Kancheepuram, India. The Venue for arbitration shall be Chennai, India.

25. Acceptance of the terms and conditions of tender document:

The bidders have to accept all the terms and conditions of this tender document and it is made known that the bidders quoting for this tender had impliedly accepted the terms and conditions of this tender.

26. Interpretation of the clauses in the Tender Document:

In case of any ambiguity / dispute in the interpretation of any of the clause in this tender document, interpretation of Director, IIITD&M Kancheepuram shall be final and binding on all parties. The IIITD&M Kancheepuram reserves the right to accept the offer in full or in parts or reject the offer summarily or partly without assigning any reasons.



27. Jurisdiction:

The disputes, legal matters, court issues, if any, shall be subject to Courts in the district of Chengalpattu, Tamil Nadu Jurisdiction only.

28. The competent authority reserves the right to either accept or reject the tender without assigning any reason.

Sd/-

कुलसचिव / Registrar
IIITD&M Kancheepuram

ANNEXURE-1
TECHNICAL BID

Technical Compliance Sheet (to be filled and uploaded)

Name of the Agency	
Office Address:	
Name and Mobile No. of contact person:	
<p>ITEM: Supply, Installation & Commissioning of Field Emission Scanning Electron Microscopy (FESEM) along with integrated Electron Backscatter Diffraction (EBSD)-Energy Dispersive Spectroscopy (EDS) system</p> <p>(Scope: The Field Emission Scanning Electron Microscopy (FESEM) along with integrated Electron Backscatter Diffraction (EBSD)-Energy Dispersive Spectroscopy (EDS) system is a high-resolution electron microscopy system, which is suitable for the analysis of surface morphology and elemental analysis (composition and mapping) of the samples in the form of metallic/non-metallic, crystals, thin films, polymers, metal oxides, etc. in the order of micro- to nano- scale dimensions).</p>	

S. No	Specifications	Detailed Specifications	Compliance Yes/No/N.A	Deviation (If Any)	Remarks
1	Resolution	i. ≤ 0.7 nm @ 15.0 kV-20.0 kV ii. ≤ 1.3 nm @ 1.0 kV The best achievable resolution at the above indicated voltages to be quoted, which can be with or without beam deceleration technology or other methods including STEM as appropriate.			
2	Electron Gun	High stability Schottky field Emitter with Automatic Emitter Run-up: Safe controlled run-up of the target emitter conditions			
3	Acceleration Voltage (AV)	i. Lower limit: 200 V or less, Higher limit: 30 kV or higher ii. Variable in 10 Volt steps to set-up the AV to any value requested for the various applications. The voltage setting is as accurate as ± 10 V.			
4	Magnification	$\leq 100\times$ to $\geq 10,00,000\times$; Continuously variable with auto compensation for the change in working distance and accelerating voltage.			
5	Probe	i. Probe current from ≤ 3 pA to ≥ 100 nA			

	Current	ii. Stability: $\leq 0.5\%$ /1 hr			
6	Specimen size & Chamber	<ul style="list-style-type: none"> i. Specimen size: ≥ 150 mm dia and ≥ 45 mm height ii. At least 10 accessory ports iii. Chamber should be big enough to perform <i>in-situ</i> tensile/compression experiments 			
7	Specimen Stage	<p>Five (5) axis motorized stage with eucentric motorized stage movements</p> <ul style="list-style-type: none"> i. X = 100 mm or more ii. Y = 100 mm or more iii. Z = 50 mm or more iv. Tilt= $\leq 0^\circ$ to $\geq 70^\circ$ v. R= 360° continuous <p>The stage design has to enable mounting of other accessories e.g. Peltier cooling device, tensile module, etc.</p>			
8	Electron Optical column	<ul style="list-style-type: none"> i. Beam Deceleration (BD)/Beam Booster (BB)/Gentle Beam (GB) technology or equivalent for high-resolution imaging even at lower AV (3 kV). ii. High-resolution imaging of dia-, para-, or ferromagnetic samples - in any composition and together with other materials - is possible even at short working distances and lower AV. iii. High-resolution imaging of ferromagnetic steel @ WD = 3 mm; AV = 1 kV @ 100,000\times Mag. must be possible. iv. Compact column design, integrated Mu-metal shielding to limit sensitivity to stray fields. 			
9	Detectors	<ul style="list-style-type: none"> i. Chamber-mounted SEI detector: Everhart-Thornley (ET) secondary electron detector with optically coupled photomultiplier ii. Chamber-mounted retractable type BSE detector: High definition retractable solid state diode backscattered detector. Enables materials contrast, crystal orientation, and topographic imaging iii. Dedicated in-lens/ in-column / through the lens type Secondary electron detector iv. Dedicated in-lens/ in-column/ through the lens type BSE detector v. STEM Detector: Dedicated retractable STEM detector with the possibility of imaging in Bright Field, Dark Field, and High Angle Annular Dark Field modes 			

		<ul style="list-style-type: none"> a. STEM detector should be retractable type with fully motorized function b. Multipurpose annular type STEM should be offered for material science applications c. STEM detector should be compatible with FESEM+EDS+EBS vi. Navigation camera to know the sample location. 			
10	Scan Modes	A raster scan with different scan speeds, spot mode, line scan mode, depth of field mode, line scan profile, and scan rotation mode is to be provided. Split screen and live multiple signal display (at least four).			
11	Auto Functions	<ul style="list-style-type: none"> i. Automatic Focus Wobble: For automatic assistance in aperture alignment, with adjustable amplitude and speed ii. Automatic contrast & brightness control iii. Automatic correction of image compression on tilted samples iv. Auto-compensation: Automatic magnification correction for the change in working distance or acceleration voltage 			
12	User Interface	Keyboard, Mouse, Control Panel with multifunction for the control and adjustment of frequently used SEM parameters, Manual Joystick control for stage axis.			
13	Image Store	5 k × 3 k pixels or higher			
14	Display Modes	<ul style="list-style-type: none"> i. Dual Channel: An option that displays live from two detectors onto separate monitors ii. Split Screen: Side-by-side live display with most scan rates and image resolutions of the same image using the input from any combination of installed detectors. Image halves may be selectively processed and frozen. iii. Quad mode: Side-by-side live display, on a single monitor, of the same field of view using input from up to four detector channels. Images may be selectively processed and frozen. 			
15	Scanning System	<p>The system provides different noise-reducing acquisition methods:</p> <ul style="list-style-type: none"> i. Pixel averaging acquisition ii. Frame/Line averaging acquisition iii. Drift corrected frame averaging acquisition 			

16	Vacuum System	<ul style="list-style-type: none"> i. Suitable vacuum system having Turbo (or higher vacuum) & Rotary pumps. ii. The SEM will have a fully automatic control of its vacuum system and the high vacuum in the chamber has to be lower than 1.0×10^{-4} Pa. iii. It should have variable pressure (from 10 Pa to 300 Pa) controller mainly for biological samples. 			
17	Accessories	<ul style="list-style-type: none"> i. Gold or platinum sputter coater (<i>detailed specs mentioned in S. No. 20</i>) ii. Chiller & Compressor iii. Integrated control panel for adjustment of various SEM functions like focus, magnification, etc. iv. Interface between electron microscopy modules like EDS, etc. v. Joystick for stage motor control vi. Specimen current monitors vii. Pretilt EBSD holder of 2 No's to be provided viii. Required sample for EBSD detector calibration ix. All associated accessories for normal working of the microscope including stand-alone plasma cleaner to minimize the sample contamination. 			
18	Computer	<ul style="list-style-type: none"> i. ≥ 24" widescreen flat panel LED monitors with suitable computer workstation for FESEM and EDS. ii. The SEM will be controlled by a high-grade PC having an Intel Core i5 processor or higher version and compatible control software for complete system control including the HV, Vacuum system, scanning conditions, image recording and storage on minimum 4 TB of HDD, etc. with autofocus, brightness, contrast, etc. iii. The operating system can be Windows 10 or higher with > 500 GB of SSD compatibility with user interface along with a keyboard and mouse. iv. External communications and networking are to be provided as standard. v. CPU must be compatible with CD/DVD drive along with USB interface. vi. A color laser-jet printer (A4-size) for Print, Scan, and Copy purposes with minimum 			



		specs of 600 x 600 dpi resolution, Wi-Fi/wireless enabled, one extra spare of color toner should be provided.			
19	Integrated EBSD-EDS system (Oxford/Bruker/EDAX)	<ul style="list-style-type: none"> i. EBSD detector: <ul style="list-style-type: none"> a. High speed acquisition capability using CMOS sensor technology or other appropriate robust methods b. ≥ 2000 patterns per second at full resolution c. Low Read out noise at high speed d. No image blurring and optical distortion e. Orientation Precision $\leq 0.1^\circ$ f. Dynamic imaging capability with precise indexing g. Ability to operate at variable beam dosage, Range: 100 pA to 26 nA h. Operation at variable energy, Range: 8 kV to 30 kV i. High Speed simultaneous EDS acquisition capability ii. Interface for FESEM: <ul style="list-style-type: none"> a. Motorized insertion and retraction b. Option for controlling microscope's stage movement in EBSD software c. Package for controlling microscope's electron beam parameter through EBSD software iii. EBSD data acquisition package: <ul style="list-style-type: none"> a. Automated camera optimization option b. Multi user capability c. Simultaneous EDS adaptation capability d. Batch and combo scanning option e. Complete Crystal structure file library including ICDD, ICSD databases. f. Drift correction option g. In-built segmented analysis capability for crystallographic, topological and atomic number contrast imaging h. Option to use in Transmission-EBSD geometry iv. Post analysis software: <ul style="list-style-type: none"> a. Three (3) number of analysis offline licenses along with one online license of latest version of post analysis software for Comprehensive analysis of EBSD data b. Comprehensive indexing and re-indexing module: 			



		<p>c. Dictionary indexing with hough transform</p> <p>d. Neighbour pattern reindexing with both hough transform and spherical harmonic-based indexing</p> <p>e. Visualization of individual Kikuchi patterns</p> <p>f. Extrapolation of results in the form of Maps, Charts and Plots</p> <p>g. Comprehensive texture analysis</p> <p>h. Signal Post processing and noise removal</p> <p>i. Automated EBSD Pattern indexing and re-indexing</p> <p>j. Batch processing</p> <p>k. Data highlighting, partitioning</p> <p>v. Computer for EBSD:</p> <p>a. Intel i9, 18-Core processor, Windows10 Professional 64-bit Operating System</p> <p>b. 32 GB or 64 GB DDR4 RAM, ≥ 512 GB SSD Primary Drive, ≥ 10 TB Enterprise Hard Drive</p> <p>c. DVD Reader/Writer, Microsoft Office</p> <p>d. Minimum 5 PCIe slots</p> <p>e. USB ports:</p> <ul style="list-style-type: none">• Rear Panel: minimum 5 USB (3.1)• Front Panel: minimum 4 USB (3.1) <p>f. Graphics card Adapter: ≥ 2 GB</p> <p>g. Motherboard Ethernet: 1 Gigabit</p> <p>h. ≥ 24" widescreen flat panel LED monitors for EBSD</p> <p>vi. EDS:</p> <p>a. The EDS detector should be LN2-free type SDD sensor having a sensor area of at-least 60 mm^2 or more with the energy resolution to be guaranteed at site:</p> <ul style="list-style-type: none">• Mn-$\text{k}\alpha$: < 127 eV at count rate of 100,000 cps• F-$\text{k}\alpha$: < 65 eV at count rate of 100,000 cps• C-$\text{k}\alpha$: < 48 eV at count rate of 100,000 cps <p>b. The EDS system should be capable of identifying the elements ranging from Carbon (C) to Californium (Cf).</p> <p>c. The EDS Detector should have field-replaceable components to guarantee 100% uptime.</p> <p>d. The EDS system software should have the following features in real-time</p>			
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		<p>mode:</p> <ul style="list-style-type: none"> • Live Imaging in real-time • Live Spectrum in real-time • Live Auto peel labeling in real-time • Live Mapping in real-time <p>e. Navigator-based EDS software designed to do Qualitative and Quantitative analysis based on the latest XPP matrix corrections, Point& ID, Line Scanning, Mapping with spectral imaging to reconstruct EDS spectrums from stored Map data, and Built-in reporting.</p> <p>vii. The integrated EBSD-EDS system should seamlessly integrate with the FESEM of any make. This integration should be guaranteed at the site.</p> <p>viii. A separate computer and monitors to be provided for integrated EBSD-EDS system analysis.</p>			
20	Sample Preparation	<p>i. Vendor should provide a fully-automated sputter coater with Gold/Platinum target of at least 2-inch or higher size for coating insulator/other samples along with one (1) additional Au/Pt target (≥ 50 mm dia and ≥ 0.1 mm thick).</p> <p>ii. The sputter coater should be complete with an automatic oil-free vacuum system consisting of RP/TMP (air-cooled) backed by a roughing pump and thickness monitors.</p> <p>iii. Provision for mounting single sample (2-inch or higher size) or multiple samples should be provided.</p> <p>iv. Silver paste (4 bottles 100 ml each), carbon tape (at least 6 rolls), and copper tape (6 rolls) of at least 50 meters each in length.</p> <p>v. Vendor should also quote for a standard optical microscope with digital image facility for previewing of the samples from reputed suppliers like Zeiss, Olympus, Nikon, and Leica with the following specifications:</p> <p>a. The microscope should be complete with a viewing facility, digital image acquisition, and display with the computer having image processing software. Sample stage with x, y, and z movements with a step size of at least 10 micron.</p>			

		<p>b. Multiple objectives of 10x, 20x, 50x, 100x, etc. to reach a maximum magnification of 2000x.</p>			
21	Spares & Consumables	<p>i. Two numbers of spare FEG guns to be delivered based on user request (since these have limited shelf-life).</p> <p>ii. One set each of complete aperture set, metal seals, roughing pump repair kit, and assorted Fuses</p> <p>iii. Different type of spare specimen holders to accommodate various geometries of samples.</p> <p>iv. Vendor should also provide specimen handling and stage tools.</p>			
22	Power Supply	<p>i. All power supplies should be Indian type 220+/-10% Volts, 50 Hz, with Indian standard plugs. If Indian plugs are not available, suitable converters must be provided.</p> <p>ii. The electronics system of the FESEM should be highly stable, well-ventilated, reliable, and easily replaceable and should be rated for 220 V, 50 Hz supply.</p>			
23	UPS	Suitable advanced online UPS with a minimum of 12 kVA for FESEM, EDS, EBSD, and chiller with at least one (1) hour maintenance-free battery backup.			
24	Safety Devices	Safety devices against power/vacuum/water/air/gas failures are to be provided.			
25	Warranty	<p>Five (5) Years Comprehensive Warranty from the date of successful installation and commissioning. The warranty should include free replacement of important components including field-emission gun, consumables, and other all accessories. Within the warranty period the instrument downtime should not be more than a month, otherwise, the comprehensive warranty time would be increased by a month for every 1-week delay.</p> <p>The price should also be quoted SEPARATELY for comprehensive maintenance package of 5 years (Post Warranty period) and it should be applicable after completion of standard warranty period. This charges will form part of the total prices, However, the work order for AMC will be issued separately after completion of the 05 years warranty period.</p>			
26	Installation, Commissionin	The installation, commissioning, and demonstration of a complete system are to			



	g & Training	be carried out by the supplier at free of cost. After successful installation and commissioning, on-site operational training for the deputed personnel (minimum of 5 people) separately for SEM and integrated EBSD-EDS system is to be provided for one (1) week at no additional cost.			
27	Service Facility	The supplier must have a sufficient number of local service engineers to provide service. The vendor should have a demo lab with a similar instrument or higher version and have to analyze the critical samples during instrument breakdown under the warranty period.			

Eligibility/Selection criteria:

- The quoted microscope should be compatible (stage movement, tilting and all possible maneuvers inside microscope) with *in-situ* micro mechanical testing platform
- Microscope with all the quoted capabilities especially high-resolution and STEM imaging on the sample provided by end-user should be demonstrated (in person or via video conferencing) at mutually convenient time and location for technical compliance, system efficiency and cutting-edge performance verification. A sample for the demonstration would be provided to the concerned representative at least 1 week advance.
- The final decision on technical compliance will be based on live or satisfactory online demonstration of the quoted system.
- Dedicated in-house training for 5 persons for a minimum period of 2 weeks split in to two phases. Phase 1: Basics operations and Phase 2: Advanced level training on gun alignment and beam condition optimization for especially high-resolution and STEM imaging along with EBSD-EDS operations.

Note: The total cost will be taken into account for arriving L-1.



ELIGIBILITY CRITERIA

Sl. No	Description		Compliance Yes/No/N.A.	Page No.
1.	Technical Sheet	The technical bid compliance sheet & Eligibility Criteria (Annexure-1)		
2.	EMD	All participating vendors have to submit a EMD of Rs. 16,50,000/- and the scanned copy of EMD payment proof along with the Bid must be uploaded. (Annexure-2)		
3.		Bid Security Declaration form (Annexure-3)		
4.	Declaration of Local Content / Non-Local Content	Self-Declaration by the bidder/OEM that the items offered meet the local/Non local content requirement in pursuance of Public Procurement Preference to Make in India, Order 2017 As per (Annexure-4)		
5.	Authorization Letter from OEM	<p>(Declaration from OEM to be enclosed for the following)</p> <ul style="list-style-type: none"> • Manufacturer's Authorization & Warranty Support Declaration (Annexure-5) • Bidders shall quote only those products in the bid which are not obsolete in the market and has at least 5 years residual market life i.e. the offered product shall not be declared end-of life by the OEM before this period. (Annexure-6) 		
6.	Experience Certificate	Experience Certificate: Should have Supplied Five similar equipment (each costing Rs.3.00 Crores and above excluding taxes) to reputed organizations/ research institutions/ Universities etc. in India during the past TEN YEAR i.e., from FY 2015-16 to 2024-25 (PO copies without any alteration/modification and copies of installation report to be enclosed) (Past Experience details) (Annexure-7)		
7.	Leaflet	Detailed item Description Leaflet (Annexure-8)		
8.	Declaration Regarding Clean Track/No Legal Action (Annexure-9)			
9.	Acceptance Of Tender Terms (Annexure-10)			
10.	No Relation Certificate (Annexure-11)			
11.	Pre Contract Integrity Pact (Annexure – 12)			
12.	Bid Validity	180 Days		
13.	Total Number of pages uploaded in the technical bid			

Please Enclose Relevant Document Only.



ANNEXURE-3

(To be printed in the letter head of the bidder)

Bid Security Declaration form

Date: _____

Tender No.

To (insert complete name and address of the purchaser)

I/We. The undersigned, declare that:

I/We understand that, according to your conditions, bids must be supported with EMD Payment. I/We accept that I/We may be disqualified from bidding for any contract with you for a period of two years 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.
- c) The EMD will be forfeited.

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.

Signature of Bidder

Name: _____

Designation: _____

Organization Name: _____

Contact No.: _____



ANNEXURE-4

**SELF-CERTIFICATION REGARDING LOCAL CONTENT (LC) FOR GOODS, SERVICES OR WORKS
ISSUED BY OEM UNDER PREFERENCE TO MAKE IN INDIA ORDER CERTIFICATE FOR CLASS-I or
CLASS- II LOCAL SUPPLIER OR NON LOCAL SUPPLIER**

Tender No.: _____; Date: _____

Date: [insert date (as day, month and year) of Bid Submission]

We hereby declare that the items under our Quotation
No. _____ in the brand name of
_____ & (equipment details)
_____ are manufactured at
(complete address) _____.

Hence, it contains the local content of: _____% as defined under the Make in India
policy of the Department for Promotion of Industry & Internal Trade, DPIIT, Govt. of India.

The value addition for the local content is done at (Name of the place & address)
_____.

The Country of Origin of the item(s) is/are _____.

The false declaration will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of
the General Financial Rules of which a bidder or its successors can be debarred for up to two
years as per Rule 151(iii) of the General Financial Rules along with such other actions as may be
permissible under Law.

We also declare that the goods are not manufactured in a country that shares its land
border with India nor does the beneficial owner belong to those countries.

We shall be held responsible if the certificate is found to be incorrect.

Seal and Signature of OEM & Bidder



ANNEXURE-5

Manufacturer's Authorization & Warranty Support Declaration

(ON OEMs Letter head)

Date:

Tender No: _____

To
The Director,
IIITDM Kancheepuram,
Chennai – 600127.

We, _____ [name of Manufacturer], who are official manufacturers of (Insert type of goods manufactured) having factories at (insert full address of Manufacturer's factories), do hereby authorize [insert complete name of Bidder] to submit a bid the purpose of which is to provide the following goods, manufactured by us [insert name and or brief description of the goods], and to subsequently negotiate and sign the contract.

We hereby extend our full guarantee, warranty, availability of spare parts and AMC support in accordance with the Terms and Conditions of Contract with respect to the Goods offered herein.

Authorized representative of the Manufacturer

Authorized representative Bidder

Signature:

Signature:

Name:

Name:

Address:

Address:

Mobile No:

Mobile No:



ANNEXURE-6

Manufacturer's Authorization for Product Continuity Certificate

(ON OEMs Letter head)

Date:

Tender No: _____

To
The Director,
IIITDM Kancheepuram,
Chennai – 600127.

We, _____ [name of Manufacturer) hereby certify that the product herein quoted with its design, model and all technical specifications mentioned _____ [insert name and or brief description of the goods] in the tender will remain and have sales and service support in the market for at least 5 years of residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.

Authorized representative of the Manufacturer

Authorized representative Bidder

Signature:

Signature:

Name:

Name:

Address:

Address:

Mobile No:

Mobile No:



ANNEXURE-7

Past Experience details

Experience Certificate: Should have Supplied Five similar equipment (each costing Rs.3.00 Crores and above excluding taxes) to reputed organizations/ research institutions/ Universities etc. in India during the past **TEN YEAR** i.e., from FY 2015-16 to 2024-25 (PO copies without any alteration/modification and copies of satisfactory installation report to be enclosed) (Past Experience details)

List of Organizations for whom the bidder has undertaken such work in India.

(must be supported with Purchase orders)

Name of the organization	Name of Contact Person and Designation, email ID and Phone number	Purchase Order Number, date and Value	Copy of Purchase Orders and Installation and (Page no.) along with value

Note: Without submission of relevant Purchase orders, experience will not be considered.

Signature of Bidder

Name: _____

Designation: _____

Organization Name: _____

Contact No.: _____



ANNEXURE-9

DECLARATION REGARDING CLEAN TRACK/NO LEGAL ACTION

(to be provided on letter head of the firm)

I hereby certify that the above firm namely _____ is neither blacklisted by any Central/State Government/Public Undertaking/Institute nor any criminal case registered / pending against the firm or its owner / partners anywhere in India.

I also certify that the above information is true and correct in any every respect and in any case at a later date it is found that any details provided above are incorrect, any contract given to the above firm may be summarily terminated and the firm blacklisted.

Date:

Authorized Signatory

Name:

Place:

Designation:

Contact No.:



ANNEXURE-10

**ACCEPTANCE OF TENDER TERMS
(To be given on Company Letter Head)**

Date: DD/MM/YYYY

To,
The Director,
IIITDM Kancheepuram,
Chennai – 600127.

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: _____

Name of Tender /

Work:

Dear Sir,

1. I / We have downloaded / obtained the tender documents (s) for the above mentioned "Tender" from the web site(s) namely _____ as per your advertisement, given in the above mentioned website(s).
2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents (including all documents like annexure(s), schedule(s), etc .), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.
3. The corrigendum(s) issued from time to time by your department/ organisation too have also been taken into consideration, while submitting this acceptance letter.
4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.
5. I / We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organisation shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)



ANNEXURE-11

**NO RELATIONSHIP CERTIFICATE
(To be given on Company Letter Head)**

1. I/We hereby certify that I/We* am/are* related/not related (*) to any officer of IIITDM Kancheepuram. (If Related provide the details of the employee)
2. I/We* am/are* aware that, if the facts subsequently proved to be false, my/our* contract will be rescinded with forfeiture of E.M.D and security deposit and I/We* shall be liable to make good the loss or damage resulting from such cancellation.
3. I//We also note that, non-submission of this certificate will render my / our tender liable for rejection.

Date:

Authorized Signatory

Place:

Name:

Designation:

Contact No.:



ANNEXURE-12

IEMs DETAILS:

(a) Any complaints related to this tender should be reported to the Independent External Monitors (IEMs) through email. Details of the IEMs are as follows:

- Shri Umesh Kumar, IPS (Retd.)
House No.60, 2nd Floor, M.G.Road, River Front
Near Vivekananda Kendra, Uzan Bazar
Guwahati 781001.
E-mail: umeshkumar84rediffmail.com
- Shri Amrit Lugun, IFS (Retd.)
A1/37, First Floor,
Safdarjung Enclave,
New Delhi – 110029.
E-mail: asha74lugun@gmail.com

(b) 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.



ANNEXURE-12

The specimen of the Pre-Contract Integrity Pact which is part of tender documents is as follows:

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 of _____2025

BY AND BETWEEN

Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram (IIITDM Kancheepuram), an autonomous organization under Ministry of Education, Govt of India having its campus at Melakkottaiyur, Off Vandalur-Kelambakkam Road, Chennai – 600127, Tamil Nadu (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. _____ a company incorporated under the Companies Act _____ through its representative/ authorized signatory _____ (Name and Designation of the Officer) having its office at _____ (hereinafter referred to as “The Bidder/Contractor” which terms 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 Second Part.

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 had appointed the Independent External Monitors (IEMs), 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 person is not legally entitled to.
 - 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 organization/ company in any country 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 Monitors/Monitors

1. The Principal appointed competent and credible Independent External Monitors for this Pact after approval of Central Vigilance Commission. The task of the Monitors is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
2. The Monitors is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. The Monitors 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, IIITDM Kancheepuram.
3. The Bidder(s)/Contractor(s) accepts that the Monitors 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 Monitors, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Sub-contractors.
4. The Monitors is under contractual obligation to treat the information and documents of the Bidder(s)/Contractor(s)/Subcontractor(s) with confidentiality. The Monitors 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, IIITDM Kancheepuram.
5. The Principal will provide to the Monitors 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 Monitors the option to participate in such meetings.



6. As soon as the Monitors 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 monitors can in this regard submit non-binding recommendations. Beyond this, the Monitors has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
7. The Monitors will submit a written report to the Director, IIITDM Kancheepuram 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 Monitors has reported to the Director, IIITDM Kancheepuram, a substantiated suspicion of an offence under relevant IPC/PC Act, and the Director, IIITDM Kancheepuram has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitors may also transmit this information directly to the Central Vigilance Commissioner.

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, IIITDM Kancheepuram.

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. Chennai, Tamil Nadu.
- 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.
- Issues like Warranty/Guarantee etc. shall be outside the purview of the IEMs.
- 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):

