

भारतीय प्रौद्योगिकी संस्थान इंदौर  
सिमरोल, खंडवा रोड, इंदौर, पिन- 453552

Indian Institute of Technology Indore  
Simrol, Khandwa Road, Indore- 453552

**GeM Bidding Document**  
**for**

**Supply and Installation of**  
**“High Resolution Transmission Electron Microscope**  
**(HRTEM)” and “TEM Sample Preparation Equipment”**



**Document to be submitted online on GeM**  
**for**  
**(Technical & Financial Bid as per Schedule of requirement)**

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and "TEM Sample Preparation Equipment"**

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Deputy Registrar  
Material Management Section  
IIT Indore

**अनुभाग-1 /SECTION - I**  
**विशेष नियम एवं शर्तें / SPECIAL TERMS AND CONDITIONS**

1. Any bidder from a country sharing a land order with India will be eligible to bid in this tender only if the bidder is registered with the Department for Promotion of Industry and Internal Trade (DPIIT) as per vide Ministry of finance OM No. 6/18/2019-PPD dated 23<sup>rd</sup> July 2020.
2. Benefits to Micro and Small (MSEs)/Start-Up will be applicable under PP Policy 2012 for MSEs as per MSE guidelines issued by Mo MSME.
3. The Public Procurement (Preference to Make in India) will be applicable under Order 2017, DIPP, MoCI Order no. P-45021/2/2017-B.E.II dated 15<sup>th</sup> June 2017 and its subsequent amendments.
4. **Payment: No advance payment will be made in any case.** Payment will be released through wire transfer/bank RTGS transfer after Supply, installation testing, inspection & commissioning of the item(s) and if found satisfactory with regard to quality, quantity and specifications ordered. The payment will be released after statutory deductions within 30 days. For the payment, the firm has to submit Supplier's Invoice indicating, inter alia description and specification of the goods, quantity, unit price, total value; challans(s), Manufacturer's guarantee certificate; bank details/cancelled cheque, installation report, performance bank guarantee (if asked) etc. to the Deputy Registrar MM Section, IIT Indore.  
**a) The payment terms will be:-**
  - (i) 80% of the unit cost will be paid against delivery of the goods received in good conditions at IIT Indore and accepted by the user department.
  - (ii) 20% of the balance of each unit cost will be paid after satisfactory Installation, Commissioning, Testing & Training of the IIT employees and submission of performance bank guarantee.
5. **Performance Security:**
  - a. Within fourteen days (or any other period mentioned in Tender Document or Contract) after the issue of Purchase Order by the Procuring Entity, the firm shall furnish to the IITI, performance security, valid up to **sixty days** after the date of completion of all contractual obligations by the contractor, including the warranty obligations.
  - b. The **5%** amount of the order value shall be stipulated in Tender Document or Contract denominated in Indian Rupees or the currency of the contract and shall be in one of the following forms:
    - I. Unless otherwise stipulated in Tender Document or Contract, Account Payee Demand Draft or Fixed Deposit Receipt or Banker's Cheque is drawn on any commercial bank in India, favoring the authority mentioned in therein (or FA&CAO of the Procuring Organization, if not mentioned).
    - II. Bank Guarantee issued by a commercial bank in India, in the prescribed form provided in Format 1.3.
  - c. If the contractor, having been called upon by the Procuring Entity to furnish Performance Security, fails to do so within the specified period, it shall be lawful for the Procuring Entity at its discretion to annul the award and enforce Bid Securing Declaration (in lieu of forfeiture of the Bid Security), besides taking any other administrative punitive action like 'Removal from List of Registered Suppliers' etc.

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**6. BANK DETAILS:**

**Account Holder :** Registrar IIT Indore

**Account No. :** 36948979864

**IFSC Code :** SBIN0030524

**Bank Name :** State Bank of India

**Branch Address :** Simrol, Khandwa Road, Tehsil- Mhow, District- Indore (M.P.)

7. **Pre dispatch Inspection (If required/asked)** - The firm should arrange the pre-dispatch inspection prior to packing & dispatching of the item if asked by the IIT Indore. The firm should share the entire details of the quoted items with original images, catalog and schematic diagrams before packing. Virtual/Online or physical inspection may be done by the IIT Indore technical committee.
8. Items should be delivered only on Working Days (Monday to Friday) during office Hours only i.e. between 10.00 am to 04.00 pm.
9. **PRE- INSTALLATION:** Please also mention the pre-installation requirements for the equipment like ambient temperature, humidity, civil work, weather specifications, power specifications, etc. When items are provided full performance satisfaction should be demonstrated.
10. **Liquidated Damages:** -As Time is the essence of an order, the date of delivery should be strictly adhered to, otherwise the delivery in full or in part may not be accepted and penalty for late delivery will be imposed @ 0.5% (Half Percent) per week subject to a maximum of 10% of the total value of supply order & beyond 10% subject to approval of IIT Indore. In case of delay in satisfactory Installation Commissioning, Testing, Inspection, Certification etc. also the same rate of penalty shall be leviable. Non- Delivery of material/service may lead to forfeiture of PBG and debarment of the supplier.
11. **Delivery:** Free delivery at IIT Indore.
12. In case the equipment offered requires maintenance after the expiry of the warranty, please indicate the approximate cost of comprehensive and on-call basis maintenance and also the availability of local support or otherwise.
13. IIT Indore reserves the right to modify/alter/Insertion or deletion on any part of the tender document to ensure fulfillment of its material & service requirement at any stage.
14. The instructions about bidding given in this advertisement and the Tender Documents should be read thoroughly before bidding. IIT Indore reserves the right to accept or reject any or all quotations at any stage without assigning any reason whatsoever it may be.
15. **Breach of Terms and Conditions:** IIT- Indore reserves the right to accept or reject or cancel any or all inquiries or quotations at any stage without assigning any reason thereof. In case of cancellation of order due to Non-compliance of with Terms and Conditions and Breach of the Contract, no compensation will be paid towards the progress of order/procurement.
16. **Governing Law:** The order placed will be a contract between the supplier and the buyer and shall be governed by the laws of India and under the contract shall be taken by the parties only in Indore, India to competent jurisdiction. All Domestic and International disputes are subject to Indore jurisdiction only.
17. Please note clearly that the Bids sent through FAX, E-mail, by hand and/or by any post/courier shall not be accepted/ processed, in any case.

18. All other General Terms & Conditions will as per GeM GTC 4.0 v1.12.

19. All communications with respect to the tender shall be addressed only to:

**Deputy Registrar,  
Materials Management Section  
4th Floor, Abhinandan Bhawan (West Wing),  
Indian Institute of Technology, Indore  
Khandwa Road Simrol, Indore- 453552  
Tel.: 0731660- Ext. 3592/3162  
Email: swapnil@iiti.ac.in/ mms@iiti.ac.in**

20. The Quantity mentioned above is also indicative and might change in the final order.

21. Format for Price Breakup (FORM-XI) must be uploaded at the time of Price bid submission. Non-Compliance of the above condition by the bidders will amount to non-eligibility for which tender has been floated and its bid shall be liable to be rejected summarily.

22. **Virtual Site Inspection** – The IIT Indore shall have the right to visit the manufacturing/assembling site virtually (via online mode) to inspect and ascertain that the equipment is getting manufactured as per required specifications. L-1 Bidder must make all the necessary arrangements for the inspection as and when required by the IIT Indore and shall take all the measure for its timely delivery.

23. **General Instructions (From Packing at Supplier's factory to Installation at Purchaser's destination):**

**a) Site Preparation:** The supplier should inform the Institute about the site preparation, if any, needed for the installation of equipment, immediately after the receipt of the purchase order. The supplier has to state in detail the floor Space, electrical power/UPS and air-condition requirements in the technical bid. The supplier should continuously monitor the pre-installation requirements and see that everything is ready before the equipment is transferred to the site for installation.

**b) Packing and Transportation:** The supplier should provide the Goods with high quality packing which can prevent their damage or deterioration during transport to their final destination. The packing should be able to withstand the rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage. While transferring the Goods to final destination, their packing case size and weights should be taken into consideration. Further, at all transit points, the heavy handling facilities should be used for smooth handling purposes.

**c) Insurance:** The Goods supplied under the Contract should be fully insured in Indian Rupees against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery. The insurance shall be obtained by the suppliers in an amount equal to "the value of the goods + the value total tax" from "warehouse to warehouse" (final destinations) on "all risks" basis including war risks and strikes.

**d) Delivery and Unloading:** HRTEM equipment (Part-1) should be delivered to IIT INDORE within **10 months** and Sample Preparation Equipment (Part-2) & Carbon Coater (Part-3) within **06 months** from the date of Purchase/Contract order. The supplier should ensure to unload all the materials (equipment and other related accessories etc) to the installation site at IIT INDORE. Unloading of the goods at IIT INDORE is the responsibility of the supplier. No manpower will be provided by IIT INDORE.

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**e) Installation and Demonstration:** Installation should be done by the supplier at free of cost within 30 days from the date of delivery of the item. Installation, complete interfacing of the system with its subsystems, and commissioning is to be carried out by the vendor's factory-trained engineers, followed by a demonstration of the system's performance fully to the user's satisfaction. Supplier should show the performance of the equipment as per specifications agreed based on claims made in their brochures or specification sheet.

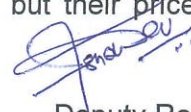
**f) Inspection:** The inspection of the system will be done by an IIT INDORE technical expert in the presence of the supplier's representative. In case of receipt of the material in short supply or damaged condition, the supplier will have to arrange the supplies/replacement of goods free of cost pending the settlement of the insurance case wherever applicable on FOR basis at IIT INDORE.

**g) Warranty:** The warranty period should begin from the date of successful installation, commissioning and training at IIT INDORE. Main equipment and all accessories must have comprehensive warranty, and warranty should cover all parts & labour work involved. Supplier will have to undertake comprehensive maintenance of the entire hardware components, software, equipment, support and accessories supplied by the supplier at the place of installation of the equipment. The supplier warrants that all the Goods are new, unused, not substandard and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the contract. The supplier further warrants that all Goods supplied under this contract will have no defect arising from design, materials or workmanship. The defects, if any, during the guarantee/warranty period are to be rectified free of charge by arranging free replacement wherever necessary. Collecting faulty Hardware from onsite and provisioning the replacement of Hardware under warranty at onsite should be the responsibility of the supplier. If TEM is not used during the service period for replacing the faulty item, the supplier should extend the warranty period equal to the period during which TEM equipment is not used.

**h) Training:** Onsite training should be provided by the supplier at free of cost to the users designated by IIT INDORE on all specified capabilities of the instrument by the company person. At least 6 days training should be provided each year during the warranty period. During training the hardware, software, operation, safety procedure, handling emergency situations and maintenance of the instruments should be explained.

**I) One-Time Shipping:** If the TEM is under warranty period, one time shifting of entire TEM equipment to another location within the campus (within 1 km distance) should be free of cost. If the TEM is under warranty period, the price for shifting the equipment should be quoted separately as an optional item.

**NOTE:** The specifications are divided into three sections Part-1, Part-2 and Part-3. Quotations are invited either for all sections or individual sections alone, however, within each section the technical and financial bids should be submitted for all items. Every section will be evaluated separately for technical and commercial evaluation (i.e. lowest (L1) price will be decided separately for each individual section). Technical and financial bids for every section should be submitted separately. Optional items (mentioned in Part-A section) should be indicated separately (NOT in BOQ) along with their price bid in pdf format, but their price will not be considered for deciding lowest (L1) price.



Deputy Registrar  
Material Management Section  
IIT Indore

**अनुभाग-2 / SECTION- II****भाग – 1A /PART -1A****पूर्व योग्यता मानदंड/ Essential- Qualification Criteria for  
“High Resolution Transmission Electron Microscope (HRTEM)”****LIST OF DOCUMENTS TO BE UPLOADED WITH TECHNICAL BID**

Sl. No.	Details	Supporting Document Should be Submitted
1.	The Bidder should be OEM/Authorized/Distributors/Dealers/Firms etc. and should have the existence of firm for a minimum period of 5 Years.	For OEM:- Valid Certificate of Incorporation/Registration Certificate of the
2.	Bidder should submit a valid Manufacturers Authorization Form specific to this tender.	The authorization letter should be on the Letterhead of the concerned OEM. In case of Authorized/distributor/dealer/agent Copy of the valid authorization, the certificate shall be enclosed. <b>Offer submitted without proper authorization shall be liable to be rejected summarily.</b>
3.	The firm should have a strong technical support team available in India to rectify the technical issues related to the equipment supply within 24 Hrs.	Bidder should enclose the details of service support (Escalation Matrix details).
4.	Udyog Adhar Memorandum No. if bidder claim MSEs. Copy of valid PAN card, Copy of valid GST registration certificate	Self-certified copies of documents.
5.	<b>WORK EXPERIENCE:</b> The Vendors / Bidders should have work experience as per the following parameters.  Three similar completed work costing not less than <b>Rs. 2,21,59,418/-</b> in last 03 (three) years for any Govt./Semi Govt./Centrally Funded Technical Institutes (CFTI) which includes IITs, IISERs, IIMs, NITs, IIITs, NITTTRs, IISc and IEST), CSIR Institutes, Central Universities and /or DAE Institutes (NISER, TIFR) <b>OR</b> Two similar completed work costing not less than <b>Rs. 2,95,45,891/-</b> in last 03 (three) for any Govt./Semi Govt./Centrally Funded Technical Institutes (CFTI) which includes IITs, IISERs, IIMs, NITs, IIITs, NITTTRs, IISc and IEST), CSIR Institutes, Central Universities and /or DAE Institutes (NISER, TIFR). <b>OR</b> One similar completed work costing not less than	Work orders and satisfactory completion valid certificates issued by respective buyer organization of the above order in support of experience to be enclosed. <b>Without submission of completion certificate the experience will not be considered.</b>  <b>The valid certificate should be in Letter Head of the concerned government organization with authorized signatory.</b>

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	<p><b>Rs. 5,17,05,309/-</b> in last 03 (three) years for any Govt./Semi Govt./Centrally Funded Technical Institutes (CFTI) which includes IITs, IISERs, IIMs, NITs, IIITs, NITTTRs, IISc and IEST), CSIR Institutes, Central Universities and /or DAE Institutes (NISER, TIFR).</p> <p>Note: Similar work means Supply &amp; Installation of High Resolution Transmission Electron Microscope (HRTEM)</p>	
6.	Bidder Information	As per enclosed Form-V
7.	List of other Govt. Departments, Public Sector units and Central Autonomous Bodies for which the bidder is supplying material or having the similar type of contracts and a valid certificate regarding the satisfactory performance of the contract	As per enclosed Form-VI
8.	Bidder Acceptance of Tender Document	As per enclosed Form-VII
9.	<p>The bidder should not have been blacklisted by any Government / Semi Government / Board /Corporations /Autonomous Body/ PSU. An undertaking/declaration in this regard should been closed. If any such matter i.e. of blacklisting /suspension is subjudice, even then the concerned firm shall be technically disqualified.</p> <p><i>"If any one or more Partner/ Directors of any debarred/blacklisted agency promotes or forms a new contracting firm or a sister-concern firm of the said debarred/blacklisted agency, then it shall also be considered as a debarred /blacklisted firm".</i></p>	As per enclosed Form-IV
10.	<p><b>FINANCIAL TURNOVER:</b></p> <p>The firm should have annual financial turnover more than <b>Rs. 7,00,00,000/-</b> during the past three financial years namely 2020-21, 2021-22 and 2022-23.</p> <p>In case of OEM should be more than <b>Rs. 29,50,00,000/-</b></p> <p>The Vendors / Bidders should not have incurred any loss during the last 03 (three) years (as of 31st March, 2023).Profit after Tax should be positive for the above mentioned period.</p>	<p>As per enclosed Form-VIII and</p> <p>Attach a separate neatly typed sheet on the letter head of Registered Chartered Accountant OR enclose copies of audited Balance Sheet and Profit &amp; Loss Statement for the previous 4 (four) financial year as specified in bid document and further details if required may be asked from the contractor after opening of technical bids. There is no need to upload entire voluminous balance sheet.</p>
11.	<p><b>Solvency Certificate-</b> Bidder or OEM must submit a certificate of <b>Rs. 5,90,91,782/-</b>. The certificate should be issued from Scheduled Commercial Public Sector Bank and the same should not be more than 06 months old as on the last date of bid submission.</p>	The certificate should be on letter head of the Bank. This certificate should not be more than 06 months old as on the last date of bid submission.
12.	The quoted products should not be under end of sales or end of support in next 05(five) years from the date of submission	(Declaration from OEM/ Authorized Distributors/Dealers/firms should be submitted)
13.	The bidding firm/company must be a single company and no consortium should be allowed.	(Declaration from OEM/ Authorized Distributors/Dealers/firms should be submitted)
14.	<p><b>CATALOGUE and PHOTOGRAPHS:</b> Firm should submit the item wise catalogue of the offered product along with the technical bid. Make and model no. of item must be</p>	Sealed and signed document

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	mentioned along with detailed specification. Photographs related to material/items should be enclosed and Dimensions of material/item, weight and space requirements should also be submitted in technical offer.	
15.	Information Accessibility: Product details and technical specifications of the model should be available to the public on OEM official website for verification.	Sealed and signed document
16.	Make In India*- Class-I or Class-II Local Supplier. <i>*(The OM No. F.4/1/2023-PPD (pt.) dated-28/06/2024 issued by Ministry of Finance, DoE under Rule 161(iv) of GFR-2017 for issuance of GTE for procurement of Medical Devices is applicable to this tender.)</i>	A Self-Declaration Certificate regarding "Class-I or Class-II Supplier" for the tendered item as per the Form-II - is to be submitted.
17	NIT Forms 01 to 17	It is mandatory to fill all the forms duly sealed and signed by the authority and attach a separate neatly typed sheet wherever is required.

**Note:- Non-Compliance with any of the above conditions/points by the bidder will amount to non-eligibility for which tender has been floated and its bid shall be liable to be rejected summarily.**

\_\_\_\_\_  
(Signature of the Tenderer/Owner)

Name:

Date:

Official Seal

**तकनीकी विशिष्टता / Technical Specifications for**  
**“High Resolution Transmission Electron Microscope (HRTEM)”**

(Bidder should submit compliance matrix along with Technical Bid)

The desired HRTEM should have Cold Field Emission gun as electron source (80-200 kV), which should be able to acquire carry out high-resolution imaging for various materials, including soft and hard samples, metals, alloys, ceramics, minerals, polymers, 2D materials, semiconductors, insulating, and magnetic samples. The instrument should have all suitable detectors for the BF, DF, HRTEM, STEM-HAADF imaging and for acquiring the SAED patterns. The TEM should be equipped EDS detector for the compositional analysis with quantitative elemental mapping. The system should possess all the essential hardware, and licensed software to meet the required specifications as given below:-

S. No.	Parameter	Specifications	Compliance Yes/No	Deviation if any
1	Acceleration voltage	a. Minimum of 80 kV and Maximum of 200 kV b. The microscope should be aligned for the accelerating voltages 80 kV and 200 kV.		
2	Electron Source	a. Cold field emission gun with energy resolution of $\leq 0.4$ eV or better. b. Life of an emitter should be for 5 years or more. Source must be replaced as and when needed during the warranty period.		
3	Operation Modes	TEM Should be computer controlled and equipped with the required camera and detectors to execute the following operational modes:  a. Bright field (BF), Dark field (DF), HRTEM imaging in TEM mode. b. Bright field (BF)/Annular bright field (ABF), dark field (DF)/ Annular dark field imaging (ADF) and High angle annular dark field (HAADF) imaging in STEM mode. c. Selected area electron diffraction, Micro Diffraction, Nano Beam electron diffraction and convergent beam electron diffraction in TEM mode. d. EDS in TEM/STEM modes, and EDS spectral imaging and mapping in STEM mode. e. TEM Should be on site upgradable for EELS and 3D Tomography.		
4	Resolution	a. Point to point Resolution (in TEM Mode) $\leq 0.25$ nm b. Lattice Resolution $\leq 0.11$ nm c. STEM resolution $\leq 0.16$ nm		

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5	Magnification	<ul style="list-style-type: none"> <li>a. TEM Mode: (100x or lower mag) to (1.0 Mx or higher mag).</li> <li>b. STEM Mode: (500x or lower mag) to (150 Mx or higher mag).</li> </ul>		
6	Stage and Specimen Chamber	<ul style="list-style-type: none"> <li>a. Eucentric Goniometer fully motorized stage with accurate specimen position recalls and retrieve facility.</li> <li>b. Computer/software controlled ultra-stable specimen stage for recalling stored positions and tracking of the areas visited.</li> <li>c. Tilt angle (<math>\alpha/\beta</math>) range of <math>\pm 35/\pm 30</math> degrees or higher for analytical low background double tilt holder usage to orient the maximum number of zone axes of one crystal in polycrystalline material. For tomography holder usage, the chamber should facilitate a tilt range of <math>\pm 70</math> degrees or higher.</li> <li>d. Piezo stage, X and Y movement <math>\geq \pm 1</math> mm or more Z movement range <math>\geq \pm 0.2</math> mm or more (There must not be any X, Y shift of specimen during Z-movement).</li> <li>e. Inserting specimen holder must be through pre-pumped airlock system allowing even when high voltage and filament is turned ON</li> </ul>		
7	STEM detector	<ul style="list-style-type: none"> <li>a. STEM system should have Bright Field (BF)/Annular Bright Field (ABF), Dark Field (DF)/Annular Dark Field (ADF) and High-Angle Annular Dark Field (HAADF) detectors with required hardware and software.</li> <li>b. Supporting software to acquire Bright Field (BF)/Annular Bright Field (ABF), Dark Field (DF)/Annular Dark Field (ADF) and High-Angle Annular Dark Field (HAADF) images in STEM mode should be provided.</li> </ul>		
8	Image/Data recording system	<p>A bottom-mounted, retractable, and EELS compatible, high-resolution camera operating on a separate 64-bit computer with WIN Server OS and the following features/specifications:</p> <ul style="list-style-type: none"> <li>a. A high-performance scintillator camera with a CMOS sensor capable of collecting images, and video at 100% duty cycle.</li> <li>b. It should support TEM operation from 80 – 200 kV.</li> <li>c. It should include a CMOS sensor of 4096 x 4096 pixels. The pixels are 14 <math>\mu\text{m}</math> or higher, giving a 3200 mm<sup>2</sup> or more active sensor size.</li> <li>d. The camera's CMOS sensor should record 4096 x 4096 images and video data at 40 frames or</li> </ul>		

		<p>higher per second. The sensor should have a maximum framerate of 300 frames or higher per second.</p> <p>e. The scintillator and fiber optic plate should be ideally matched in 1:1 correspondence to the sensor for light transfer from the scintillator to the CMOS sensor.</p> <p>f. Conversion Efficiency 25 counts or better per primary electron (typical) @200 kV.</p> <p>g. The CMOS sensor should be optimized for sensitivity, speed, and resolution. It should be possible to do data processing and drift correction at 4096 x 4096.</p> <p>h. DQE (Detectable Quantum Efficiency) of &gt; 9% at half Nyquist at 200 kV operation, 4k x 4k.</p> <p>i. Should be flexible to do routine EM, HRTEM, diffraction, In-Situ, Tomography and upgradable to 4D STEM experiments.</p> <p>j. A single and suitable high-end computing system to be provided for smooth operation of the camera.</p>		
9	Specimen Holders	<p>a. Regular Single Tilt Holder with maximum tilt range of <math>\pm 30</math> or higher.</p> <p>b. Low background Double Tilt Holder with maximum tilt range of <math>(\alpha=\pm 35)/(\beta=\pm 30)</math> or higher.</p>		
10	Vacuum system	<p>a. Clean ultrahigh dry differential pumping system. The system should have sufficient number of Oil-free Turbo Molecular Pumps, Sputter Ion Pumps or Ion Getter Pumps and Scroll Pumps or Diaphragm pumps, and pressure gauges for Column, Gun and Specimen chamber.</p> <p>b. Vacuum should be suitable for FEG and EDS analysis.</p> <p>c. The vacuum system should possess a fail-safe mechanism with suitable electronics interlock. Software-based continuous monitoring and display of pressure required.</p> <p>d. Ultimate Pressure in Column <math>\leq 10^{-4}</math> Pa. Ultimate pressure at TEM GUN area <math>\leq 10^{-8}</math> Pa.</p> <p>e. Column vent: Dry nitrogen leakage system, automatic control</p>		
11	Lens System	<p>a. Lens System should consist of Condenser Lens, Objective Lens, Lorentz Lens, Intermediate lens and Projection Lens.</p> <p>b. Analytical objective lens with a constant</p>		

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		<p>power lens is required.</p> <p>c. The objective lens should enable the use of various in-situ holders and large angle double-tilt holders for analytical microscopy.</p> <p>d. Distortion and rotation free images are required.</p>		
12	Apertures	<p>a. TEM must be equipped with various sizes of Condenser, Objective and SAD apertures.</p> <p>b. Motorized adjustment for all apertures.</p>		
13	EDS System	<p>The EDS data acquisition and analysis software should have the following features:</p> <p>a. High resolution and high speed silicon drift detector (SDD).</p> <p>b. EDS system with overall detected area of 100 mm<sup>2</sup> or higher.</p> <p>c. The EDS resolution must be <math>\leq 136</math> eV Mn K<math>\alpha</math>.</p> <p>d. The detector should be Windowless for excellent light element performance and capability to detect from B to U. The detector must have shutter attachment.</p> <p>e. The EDS should be capable of single point analysis, multipoint analysis, line scan, selected area elemental mapping. Qualitative and quantitative analysis.</p> <p>f. The system should be compatible for STEM analysis.</p> <p>g. The calibration standards for EDS should be provided. The supplier should arrange for seamless interfacing, software, installation and commission for EDS.</p>		
14	Chiller and Compressor	<p>a. Suitable water chiller and air compressors (as required for system) must be supplied to support the quoted system for smooth operation.</p> <p>b. Closed circuit, automatic temperature and flow rate-controlled chiller required.</p>		
15	Anti-Contamination Device	<p>a. Liquid nitrogen based anti-contamination device to suppress specimen contamination should be provided.</p> <p>b. If required, suitable size liquid nitrogen cold dewar flask needs to be provided.</p>		
16	UPS	<p>a. System should be compatible with the Indian Power supply standards. Vendor should provide appropriate online UPS for the HR-TEM and Chiller with 2 hours back-up along with power supply, stabilizer and dehumidifier.</p> <p>b. Uninterrupted Power Supply (UPS) systems should be supplied for whole system</p>		

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		<p>including Chiller. The branded UPS (please provide the brand name and power rating) should be able to keep the system operational in case of sudden power cut and/or spike and support the complete system with all accessories with full load for a duration of at least 2 hours.</p> <p>c. The UPS (for the microscope) should be of very high standard with distortion as low as possible. Upon adding and removing the load, the UPS inverter should accordingly adjust. Isolation transformer at the output (could be pure sine wave).</p> <p>d. The comprehensive warranty for UPS should be 1 year from the date of installation.</p>		
17	User Interface to operate TEM	<p>a. Control Panel should possess trackball/joystick and multifunction keys/knobs to control and alter the TEM parameters (focus, Magnification etc.).</p> <p>b. It should be computer-controlled system with latest windows based software for operating the microscope.</p>		
18	Operating system and Software (connected to TEM)	<p>a. Latest desktop (24 inch or higher HD LED monitor) with latest version windows operating system required to operate the microscope.</p> <p>b. Supporting hardware and software for the operation, monitoring, control, data acquisition, display, storage and retrieval should be provided.</p> <p>c. All software used to operate the instrument, acquire and process the data should be licensed and should be factory preloaded.</p> <p>d. All attachments and accessories to transfer the data via optical drives (DVD/CD) or internet should be provided.</p> <p>e. Any further version of the software and updates must be provided free of cost during the warranty period.</p>		
19	Additional analysis workstation and Software (should be installed outside of TEM room)	<p>Additional one computer with latest specifications, preloaded with the appropriate software should be provided for offline data analysis and data transfer purpose.</p>		

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21	Safety Devices	a. The TEM system should be equipped with self-diagnostic functions to detect problems like pneumatic pressure abnormality, cooling water temperature abnormality, reservoir tank pressure abnormality, etc. b. Safety devices against power failure and water outage should be available.		
21	Site preparation and environmental conditions	Supplier or their authorized agent needs to verify/survey the site prior to installation. The supplier shall support the site preparation activity as per the requirement of the instrument. This includes complete precision air-conditioning (which will be provided by the institute) with all supporting equipment (to be provided by the vendor) such as magnetic canceller and antivibration devices if required.		
22	Installation and Commissioning:	a. Installation, complete interfacing of the system with its subsystems, and commissioning should be carried out by the company followed by a demonstration of the system's performance fully to the user's satisfaction. b. Vendor should provide SF6, N2 or any other gas that might be needed for complete installation and smooth functioning of the microscope. c. The warranty period will start after successfully demonstrating the given specifications and acceptance of the system including all the attachments.		
23	Power supply	Power supply Should meet Indian Power supply standards.		
24	Spare parts	a. Assurance about spares availability should be provided for 10 years. b. List of recommended set of spares should be provided in the Technical Bid.		
25	Tool kit	Suitable and essential tool kit needs to be supplied with the system for the required maintenance		
26	Warranty	a. The entire equipment with all accessories must have warranty for free repairs and replacement for the period of 12 months from the date of installation and commissioning. The comprehensive Warranty should cover:  i. All parts including accessories, spares, and labour on site including shipment at the site		

		<p>of installation.</p> <p>ii. Free maintenance and service on site or at factory with no cost.</p> <p>iii. Regular up-gradation of software till the warranty is not over.</p> <p>iv. Warranty period should start from the date of handover of the machine.</p>		
27	Operational Training	<p>a. Onsite training to the users on all specified capabilities of the instrument by the company person. At least 6 days training should be provided in a year. During training the hardware, software, operation, safety procedure, handling emergency situations and maintenance of the instruments should be explained.</p> <p>b. Necessary documents, operational &amp; system manual in the form of CD and hardcopy must be supplied with the system. Service response time, turn-around time &amp; up-time of the equipment should be clearly specified.</p> <p>c. Service response time must be less than 48 hours. Suitable service facility for computer hardware or software related problems should also be provided.</p>		
28	The Technical specifications should also include:	<p>a. Compliance statement of each parameter to be provided along with the Technical Bid.</p> <p>b. For each individual item part number must be specified.</p> <p>c. The supplier must submit a table indicating the compliance of the features of the model of the equipment being quoted with those given in the indent. Features not matching – must be clearly indicated. Additional features and features in the quoted equipment which are better than those in the indent – may be clearly explained.</p> <p>d. The supplier must submit technical brochures and proper application notes adequately explaining and confirming the availability of the features in the model of the equipment being quoted.</p> <p>e. Information about no. of Factory Trained Service Engineers available in INDIA to support the quoted model should be provided.</p>		

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29	Experience	The company should have the experience of setting up at least 10 similar TEM systems in last 10 years in India. User names & references should be provided along with the bid.		
30	Price	Price should be quoted "FOR IIT INDORE (DDP price)". The insurance for the whole system is for the factory warehouse to IIT INDORE. This includes the responsibility of custom clearance and other miscellaneous duties at the port of entry.		
31	Delivery Time	Delivery must be completed within 10 months from the date of the purchase order being placed.		
32	Optional Item 1	In-situ Heating Double Tilt TEM Holder: <b>Heating Method:</b> Electric Furnace  <b>Ultimate Temperature:</b> 800 °C or higher  <b>Temperature Measurement:</b> Thermocouple  <b>Specimen Size:</b> 3 mm in diameter  <b>Effective Field of View:</b> 2 mm in diameter		
33	Optional Item 2	Cryo Transfer TEM Holder		
34	Optional Item 3	Automatic Crystallographic Alignment software		
35	Optional Item 4	120 kV alignment Data		
36	Optional Item 5	a. Multiuser licence for Microscopy Software: To access the data and analyse diffraction patterns and EDS mapping profiles, multiuser licence (at least 10) should be provided for TEM, STEM, EDS analysis software.  b. Upgradation of the software has to be supplied at free of cost as and when it is required within 10 years of microscope supply.		
37	Optional Item 6	<b>AMC:</b> AMC service should be provided for two years and should start at the end of warranty period.		
38	Optional Item 7	Additional four years warranty after the completion of standard one-year warranty should be quoted separately on yearly basis. At least 6 days training should be provided in each year during the warranty period.		

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39	Optional Item 8	The supplier should quote at a reasonable cost, as an optional item, a skilled and experienced TWO full-time skilled operator to run the system for a period of 5-years from the date of installation and commissioning of the system in the institute ( <i>vendor is requested to submit financial implication for each operator separately</i> ). The operator will work as an employee of the vendor and institute shall have no responsibility for his/her service liabilities.		
40	Optional Item 9	In-situ Cooling Double Tilt TEM Holder: <b>Coolant:</b> Liquid Nitrogen  <b>Attainable Temperature:</b> -160 °C or lower		
41	Optional Item 10	In-situ tensile straining TEM Holder for Bulk Specimen		
42	Optional Item 11	One Time Shifting of entire TEM equipment: If the TEM is under warranty period, one time shifting of entire TEM equipment to another location within the campus (within 1 km distance) should be free of cost. Rate for shifting after the warranty period should be quoted.		
43	Optional Item 12	Plasma Cleaner for TEM sample Holder		

**Note:**

- A. The bidder should submit his acceptance against each column as YES/NO and if No, the bidder should specify the deviation.
- B. Valid proof of the document in support of the claim to be enclosed with the technical bid.

(Signature of the Bidder, with Official Seal)

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भाग – 1C /PART – 1C

अमूल्यंकित तकनीकी बोली / UNPRICED TECHNICAL BID for  
“High Resolution Transmission Electron Microscope (HRTEM)”

(Bidder should provide the following details on Letter head)

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Date: \_\_\_\_\_

Name of the Bidder \_\_\_\_\_

Sr. No.	Item Description	Qty	Make	Model	HSN Code	GST %	Country of Origin
a)	High Resolution Transmission Electron Microscope (HRTEM)	01					

Sl No.	Other Terms & Conditions		Compliance Yes/No
1.	Payment terms	Please refer Section-I Point-4	
2.	Delivery Period	Please refer Section-I Point-22 (d)	
3.	Installation	Please refer Section-I Point-22 (e)	
4.	Warranty	Onsite 01-year warranty from the date of successful Installation, commissioning, testing and training. Also refer Section-I Point-22 (g)	
5.	Charges	Freight, unloading, insurance, delivery and any other kind of charges will be borne by the vendor/firm/supplier.	
6.	Service Support	Bidder should provide onsite service support.	
7.	Training	Please refer to Section-I Point-22 (h).	
8.	Additional Warranty (Optional)	Kindly quote separately for 04 years additional warranty from the date of expiration of the standard one year warranty of above mentioned items.	

**पूर्व योग्यता मानदंड/ Essential- Qualification Criteria for**  
**Sample Preparation Equipment - "Ion Beam Milling System, Dimple Grinder, Disc**  
**Punch, Disc Grinder and Low Speed Saw (Abrasive cutting machine)"**

**LIST OF DOCUMENTS TO BE UPLOADED WITH TECHNICAL BID**

Sl. No.	Details	Supporting Document Should be Submitted
1.	The Bidder should be OEM/Authorized/Distributors/Dealers/Firms etc. and should have the existence of firm for a minimum period of 5 Years.	For OEM:- Valid Certificate of Incorporation/Registration Certificate of the
2.	Bidder should submit a valid Manufacturers Authorization Form specific to this tender.	The authorization letter should be on the Letterhead of the concerned OEM. In case of Authorized/distributor/dealer/agent Copy of the valid authorization, the certificate shall be enclosed. <b>Offer submitted without proper authorization shall be liable to be rejected summarily.</b>
3.	The firm should have a strong technical support team available in India to rectify the technical issues related to the equipment supply within 24 Hrs.	Bidder should enclose the details of service support (Escalation Matrix details).
4.	Udyog Adhar Memorandum No. if bidder claim MSEs. Copy of valid PAN card, Copy of valid GST registration certificate	Self-certified copies of documents.
5.	<b>WORK EXPERIENCE:</b> The Vendors / Bidders should have work experience as per the following parameters.  Three similar completed work costing not less than <b>Rs. 41,63,040/-</b> in last 03 (three) years for any Govt./Semi Govt./Centrally Funded Technical Institutes (CFTI) which includes IITs, IISERs, IIMs, NITs, IIITs, NITTTRs, IISc and IEST), CSIR Institutes, Central Universities and /or DAE Institutes (NISER, TIFR) OR Two similar completed work costing not less than <b>Rs. 55,50,720/-</b> in last 03 (three) for any Govt./Semi Govt./Centrally Funded Technical Institutes (CFTI) which includes IITs, IISERs, IIMs, NITs, IIITs, NITTTRs, IISc and IEST), CSIR Institutes, Central Universities and /or DAE Institutes (NISER, TIFR). OR One similar completed work costing not less than	Work orders and satisfactory completion valid certificates issued by respective buyer organization of the above order in support of experience to be enclosed. <b>Without submission of completion certificate the experience will not be considered.</b>  The valid certificate should be in Letter Head of the concerned government organization with authorized signatory.

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	<p><b>Rs. 97,13,760/-</b> in last 03 (three) years for any Govt./Semi Govt./Centrally Funded Technical Institutes (CFTI) which includes IITs, IISERs, IIMs, NITs, IIITs, NITTTRs, IISc and IIST), CSIR Institutes, Central Universities and /or DAE Institutes (NISER, TIFR).</p> <p>Note: Similar work means Supply &amp; Installation of "Ion Beam Milling System, Dimple Grinder, Disc Punch, Disc Grinder and Low Speed Saw (Abrasive cutting machine)"</p>	
6.	Bidder Information	As per enclosed Form-V
7.	List of other Govt. Departments, Public Sector units and Central Autonomous Bodies for which the bidder is supplying material or having the similar type of contracts and a valid certificate regarding the satisfactory performance of the contract	As per enclosed Form-VI
8.	Bidder Acceptance of Tender Document	As per enclosed Form-VII
9.	<p>The bidder should not have been blacklisted by any Government / Semi Government / Board /Corporations /Autonomous Body/ PSU. An undertaking/declaration in this regard should been closed. If any such matter i.e. of blacklisting /suspension is subjudice, even then the concerned firm shall be technically disqualified.</p> <p><i>"If any one or more Partner/ Directors of any debarred/blacklisted agency promotes or forms a new contracting firm or a sister-concern firm of the said debarred/blacklisted agency, then it shall also be considered as a debarred /blacklisted firm".</i></p>	As per enclosed Form-IV
10.	<p><b>FINANCIAL TURNOVER:</b></p> <p>The firm should have annual financial turnover more than <b>Rs. 1,30,00,000/-</b> during the past three financial years namely 2020-21, 2021-22 and 2022-23.</p> <p>In case of OEM should be more than <b>Rs. 5,55,00,000/-</b></p> <p>The Vendors / Bidders should not have incurred any loss during the last 03 (three) years (as of 31st March, 2023).Profit after Tax should be positive for the above mentioned period.</p>	<p>As per enclosed Form - VIII and</p> <p>Attach a separate neatly typed sheet on the letter head of Registered Chartered Accountant OR enclose copies of audited Balance Sheet and Profit &amp; Loss Statement for the previous 4 (four) financial year as specified in bid document and further details if required may be asked from the contractor after opening of technical bids. There is no need to upload entire voluminous balance sheet.</p>
11.	<p><b>Solvency Certificate-</b> Bidder or OEM must submit a certificate of <b>Rs. 1,11,01,440/-</b>. The certificate should be issued from Scheduled Commercial Public Sector Bank and the same should not be more than 06 months old as on the last date of bid submission.</p>	The certificate should be on letter head of the Bank. This certificate should not be more than 06 months old as on the last date of bid submission.
12.	The quoted products should not be under end of sales or end of support in next 05(five) years from the date of submission	(Declaration from OEM/ Authorized Distributors/Dealers/firms should be submitted)
13.	The bidding firm/company must be a single company and no consortium should be allowed.	(Declaration from OEM/ Authorized Distributors/Dealers/firms should be submitted)

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14.	<b>CATALOGUE and PHOTOGRAPHS:</b> Firm should submit the item wise catalogue of the offered product along with the technical bid. Make and model no. of item must be mentioned along with detailed specification. Photographs related to material/items should be enclosed and Dimensions of material/item, weight and space requirements should also be submitted in technical offer.	
15.	Information Accessibility: Product details and technical specifications of the model should be available to the public on OEM official website for verification.	
16.	Make In India- Class-I or Class-II Local Supplier. <i>*(The OM No. F.4/1/2023-PPD (pt.) dated-28/06/2024 issued by Ministry of Finance, DoE under Rule 161(iv) of GFR-2017 for issuance of GTE for procurement of Medical Devices is applicable to this tender.)</i>	A Self-Declaration Certificate regarding "Class-I or Class-II Supplier" for the tendered item as per the Form - II is to be submitted.
17	NIT Forms 01 to 17	It is mandatory to fill all the forms duly sealed and signed by the authority and attach a separate neatly typed sheet wherever is required.

**Note:-** *Non-Compliance with any of the above conditions/points by the bidder will amount to non-eligibility for which tender has been floated and its bid shall be liable to be rejected summarily.*

\_\_\_\_\_  
(Signature of the Tenderer/Owner)

Name:

Date:

Official Seal

**भाग – 2B /PART -2B**

**तकनीकी विशिष्टता / Technical Specification for**  
**Sample Preparation Equipment - "Ion Beam Milling System, Dimple Grinder, Disc Punch ,**  
**Disc Grinder and Low Speed Saw (Abrasive cutting machine)"**

(Bidder should submit compliance matrix along with Technical Bid)

**Essential Criteria**

- This Part-B section contains the specifications of all the equipment required for the bulk specimen preparation. For preparing high quality bulk TEM samples with the required dimensions, the compatibility among the sample preparation equipment is required. Hence, the technical and financial bids should be submitted for all equipment and their respective items.
- Vendor should be capable of preparing samples on site using these equipment & training the users on preparing these samples.
- Vendor may be asked to prepare a few customer samples in person for evaluating the quality of service personnel with the vendor
- Vendor may be asked to demonstrate all the above technical specifications at some other installation location for evaluation of the performance of the equipment.
- The company should have the experience of setting up atleast 10 such TEM Sample Prep labs in India. User names & references should be provided along with the bid.
- Vendor should submit Authorisation Letter from the OEM for all the equipment offered.

<b>I. Ion Beam Milling System</b>				
<b>Sl. No.</b>	<b>Item</b>	<b>Description of the item</b>	<b>Compliance If Yes/ No</b>	<b>Deviation If Any</b>
1.	Basic Function	<ul style="list-style-type: none"> <li>• The ion-beam thinning equipment should be capable of preparing transmission electron microscopy specimens (3 mm diameter) of both conducting and non-conducting samples, such as Gallium Nitride, Gallium Arsenide, Silicon Carbide, Sapphire, Silicon, ceramics, multi-phase metals and composites etc. It should not induce artifacts in the specimen preparation. Also, it should result in large electron transparent regions for viewing in a TEM; both conventional and high-resolution TEM modes. The construction and operation of the equipment should be user-friendly.</li> </ul>		
2	Ion-guns	<ul style="list-style-type: none"> <li>• Two ion guns, each with independently adjustable gas control utilizing mass flow controllers to permit either rapid milling or slow precise ion polishing.</li> <li>• Ion beam energy shall be continuously adjustable from 100 eV to 6 keV or better and ion beam energy can be varied in steps of 100eV.</li> </ul>		

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		<ul style="list-style-type: none"> <li>• The alignment of the ion beams should be user friendly with either a fluorescent screen or a suitable mechanism. Also, a mechanism is to be provided to measure the ion beam currents/operating voltage.</li> <li>• Ion gun should produce narrow ion beam width at the sample (full width at half maximum of the beam diameter shall be around 600-800 <math>\mu\text{m}</math> for standard guns at 5 kV with ion current density of <math>\sim 10\text{mA}/\text{cm}^2</math>.</li> <li>• The milling angle shall be continuously variable from +10 Deg to -10 deg. or better and fully adjustable during operation</li> <li>• The ion guns should have very long life (Minimum of 20000 hours of operation) with no consumable requirements for continuous operation.</li> <li>• The current range should be variable from 0 to 100 micro-Amps or better controllable individually.</li> <li>• The current should be measurable for each gun independently and measured at the gun.</li> <li>• Special Operational Mode for preparing cross sectional samples for TEM Analysis should be offered as standard. Please provide details in compliance document.</li> <li>• Ion Gun Energies for both the ion guns on the ion milling system should be same.</li> </ul>		
3	Stage and Specimen Holders	<ul style="list-style-type: none"> <li>• A specimen exchange mechanism shall be incorporated in the system to permit loading or unloading of samples without venting the work chamber to atmosphere. Specimen stage should allow rapid transfer of specimens (1~3 minutes).</li> <li>• The Specimen stage should have provision for the rotation of the specimens during milling. Rotational speed shall be continuously variable from 0 – 5 rpm or better.</li> <li>• The Stage should incorporate X, Y motion to assist the user in positioning the specified mill location at the center of the beam polishing area. The minimum stage travel should be at least 1 mm in X and Y directions with good accuracy. Details of how the X Y stage is implemented to be provided in the technical compliance document.</li> <li>• The specimen holder should be able to hold 3 mm diameter TEM specimens by either clamping mechanism or sticking mechanism. For loading unloading of the sample in specimen holders, suitable user-friendly mechanism should be</li> </ul>		

		<p>provided. Also, they can be rapidly and easily transferred into the ion beam thinning equipment.</p> <ul style="list-style-type: none"> <li>• Specimen holder for heat sensitive samples: A glue-type specimen holder should be supplied to optimize heat dissipation.</li> <li>• The holder should have long lifetime and durability. They should be compatible for cooling the TEM specimens with liquid nitrogen during the ion milling</li> <li>• Cold stage should be offered as standard as per the following specifications: <ul style="list-style-type: none"> <li>○ Dewar and conductor rod should share the main vacuum system.</li> <li>○ Dewar with 6–8-hour capacity.</li> <li>○ Sample temperature: - The specimen can be kept in user defined temperature in the range of -75 °C to 30 °C or better, during milling and the temperature can be varied in step of 1 °C. A mechanism to measure the relevant temperature should be provided. The cooling/warm-up of the specimens should be done rapidly (~30-45 minutes) and in-built mechanism for this operation should be provided.</li> <li>○ Electronic temperature regulation: minimum range (-180°C to + 100°C or better.</li> </ul> </li> </ul> <p>Through transmission illumination of sample. Built-in Dewar heater is essential.</p>		
4	Specimen Viewing	<ul style="list-style-type: none"> <li>• In-situ viewing: provision for in-situ viewing any time without shutting down the ion guns or raising the sample into the airlock should be there.</li> <li>• Shutter: An automatic shutter shall be incorporated to reduce window contamination when not viewing the specimen.</li> <li>• Sample illumination: Reflection and through transmission with the intensity set via the Touch Screen.</li> <li>• A Stereo Optical Microscope at least 40X, 80X magnification should be supplied along with the ion milling equipment as standard.</li> </ul>		
5.	Milling Termination	<ul style="list-style-type: none"> <li>• Milling termination by elapsed timer or optional light operated Auto-Terminator.</li> </ul>		
6	User Interface	<ul style="list-style-type: none"> <li>• A ~10" color touch-screen graphical user interface (GUI) should be supplied as standard. The GUI must be located on the front panel of the system for easy access and viewing. All system functions (gun settings, gas flow controls, stage movements, etc.) shall be controlled through this screen.</li> </ul>		

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		<ul style="list-style-type: none"> <li>Remote access to the system must be available through a network connection.</li> </ul>		
7	Vacuum System and vacuum reading	<ul style="list-style-type: none"> <li>The vacuum system shall be totally self-contained within the enclosure.</li> <li>A totally oil-free vacuum system, pumping with turbo pump and oil free backing pump</li> <li>Work chamber base pressure: <math>\sim 1E^{-6}</math> Torr.</li> <li>Operating pressure: <math>\sim 1E^{-5}</math> Torr.</li> <li>Suitable gauges to monitor the vacuum levels in main chamber and baking pump should be provided.</li> <li>Vacuum gauge should be present in the chamber area to read the vacuum in the specimen preparation area.</li> <li>Sample exchange through air lock should be provided.</li> </ul>		
8	Power	<ul style="list-style-type: none"> <li>230 V, 50 Hz, single phase</li> </ul>		
9.	Cooling	<ul style="list-style-type: none"> <li>The system shall be air cooled only; no water cooling should be required.</li> </ul>		
10	Gas source	<ul style="list-style-type: none"> <li>Argon with the 99.9 % purity.</li> <li>The gas flow should be controlled using suitable MFC and the flow rate can be varied in steps of 0.01 SCCM or smaller.</li> </ul>		
11	Mandatory Accessories	<ul style="list-style-type: none"> <li>Specimen handling/loading tools, kit/stage tools, specimen holders, O-rings etc., which are essential to run the equipment during the warranty period.</li> </ul>		
12	Spares/ consumables	Provide the following spares /consumables (optional). <ol style="list-style-type: none"> <li>DuoPost Glue Type (1 No)</li> <li>DuoPost Clamp Type (2 Nos)</li> <li>Specimen Post Copper (5 Nos)</li> <li>Service kit with all essential Spare parts for 2 years should be offered (1 No)</li> </ol>		
13.	Essential Criteria	<ul style="list-style-type: none"> <li>The vendor should be capable of preparing samples on site using these equipments and demonstrate, train the users in preparing the samples for TEM analysis.</li> <li>One company should be responsible to supply all the Ion Milling Equipment along with the Dimple Grinder</li> <li>The supplier/company should have the experience of setting up working at least 10 such TEM sample preparation set up or labs in India. User names and references should be provided along with the bid.</li> </ul>		
14	Delivery Time	<ul style="list-style-type: none"> <li>Delivery must be completed within 6 months from the date of the purchase order being placed.</li> </ul>		
15	Price	<ul style="list-style-type: none"> <li>Price should be quoted "FOR IIT INDORE (DDP</li> </ul>		

		price)". The insurance for the whole system is for the factory warehouse to IIT INDORE. This includes the responsibility of custom clearance and other miscellaneous duties at the port of entry.		
16	Installation, commissioning and Warranty	<ul style="list-style-type: none"> <li>The system should be installed by the trained engineer from the supplier without additional cost.</li> <li>The vendor should conduct one day training session for users at IIT INDORE.</li> <li>One year warranty from the date of acceptance of the equipment.</li> <li>A branded uninterruptible power supply (UPS) system for power back up.</li> </ul>		
17	One Time Shifting of Ion Milling equipment under warranty period	<ul style="list-style-type: none"> <li>If the Ion Milling equipment is under warranty period, one time shifting of entire Ion Milling equipment to another location within the campus (within 1 km distance) should be free of cost.</li> </ul>		

## II. Dimple Grinder with Optical Microscope

S. No.	Item	Description of the item		
1.	Sample Size	<ul style="list-style-type: none"> <li>Suitable for 3 mm dia. Sample</li> </ul>		
2.	Dimpling process specs	<ul style="list-style-type: none"> <li>Dimpling depth down to 10 microns or less</li> <li>Automatic termination of the process</li> <li>Digital Micrometer (least count of 1µm) and Analog Micrometer (least count of 1µm) to indicate depth in Dimple Grinder is essential.</li> <li>Should be able to dimple and polish specimen with uniform thickness.</li> <li>Should be capable of terminating the dimpling process at predefined thickness.</li> </ul>		
3.	Sample monitoring during grinding	<ul style="list-style-type: none"> <li>Optical microscope (at least 10X magnification) for alignment of the sample essential as should be offered as a part of main equipment.</li> </ul>		
4.	Consumables/ spare parts (Optional)	Should provide the following spares /consumables <ol style="list-style-type: none"> <li>Phosphor bronze (PB) wheel, spherical, 2mm wide (Set of 4 x 1 No)</li> <li>Stainless steel (SS) wheel, spherical, 2mm wide (Set of 4 x 1 No)</li> <li>Polishing Wheel (Standard) (Set of 4 x 1 No)</li> <li>Felt Rings for 15mm Ø (Set of 15 x 5 No)</li> <li>Diamond Polishing Compound (2-4µm) (1 No)</li> <li>CBN 0-2 µm Polishing Compound (1 No)</li> <li>CBN 4-6 µm Polishing Compound (1 No)</li> <li>Alumina Suspension 0.05 µm particle size. (1 No)</li> </ol>		

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5.	Power supply requirements	<ul style="list-style-type: none"> <li>230V, 50 Hz Operation, single phase</li> </ul>		
6.	Delivery Time	<ul style="list-style-type: none"> <li>Delivery must be completed within 6 months from the date of the purchase order being placed.</li> </ul>		
7.	Price	<ul style="list-style-type: none"> <li>Price should be quoted "FOR IIT INDORE (DDP price)". The insurance for the whole system is for the factory warehouse to IIT INDORE. This includes the responsibility of custom clearance and other miscellaneous duties at the port of entry.</li> </ul>		
8.	Installation, commissioning and Warranty	<ul style="list-style-type: none"> <li>The system should be installed by the trained engineer from the supplier without additional cost.</li> <li>The vendor should conduct one day training session for users at IIT INDORE.</li> <li>One year warranty from the date of acceptance of the equipment.</li> <li>A branded uninterrupt power supply (UPS) system for power back up.</li> </ul>		
9.	One Time Shifting of Dimple Grinder equipment under warranty period	<ul style="list-style-type: none"> <li>If the Dimple Grinder equipment is under warranty period, one time shifting of entire Dimple Grinder equipment to another location within the campus (within 1 km distance) should be free of cost.</li> </ul>		

**III. Disc Punch**

S. No.	Item	Description of the item		
1.	Dimensions	<ul style="list-style-type: none"> <li>Should have 3 mm diameter circular cutting tool and</li> <li>Punch must be equipped to produce circular metallic samples of 3 mm diameter</li> <li>Should be able to smoothly cut discs from typical metal foil of 40-100 <math>\mu</math>m thickness.</li> <li>Design should ensure the prevention of plastic deformation of the disc, especially in the central region of the specimen, while punching.</li> <li>Samples of 3 mm diameter.</li> <li>Preferable user independent, horizontal cutting/punching action</li> </ul>		
2.	Price	Price should be quoted "FOR IIT INDORE (DDP price)". The insurance for the whole system is for the factory warehouse to IIT INDORE. This includes the responsibility of custom clearance and other miscellaneous duties at the port of entry.		

**TENDER No.: IIT(MM)/SIC/1/1A/452/DAB/2024-25**

3.	warranty	One year warranty from the date of acceptance of the equipment		
4.	Delivery Time	Delivery must be completed within 6 months from the date of the purchase order being placed.		

**IV. Disc Grinder**

S. No.	Item	Description of the item		
1	Basic Function and Dimensions	<ul style="list-style-type: none"> <li>Should be suitable for samples up to 10 mm diameter, with 10 <math>\mu</math>m resolution / graduation on scale of Disc Grinder.</li> <li>Should Be suitable for grinding sample down to 25<math>\mu</math>m in thickness.</li> <li>Specimen Lapping Kit with heavy metal base, ultra flat glass lapping plate of lapping disk of 5 <math>\mu</math>m, 15<math>\mu</math>m, 40<math>\mu</math>m (20 each) (Quantity : 2 Sets)</li> <li>Specimen mount should be provided (pyrex and stainless steel ) (Quantity: 4 each)</li> <li>Mounting Wax ( 12 Rods, 3.5mm X 32 mm) – Qty 2 set</li> </ul>		
2.	Price	• Price should be quoted "FOR IIT INDORE (DDP price)". The insurance for the whole system is for the factory warehouse to IIT INDORE. This includes the responsibility of custom clearance and other miscellaneous duties at the port of entry.		
3.	Warranty	• One year warranty from the date of acceptance of the equipment		
4.	Delivery Time	• Delivery must be completed within 6 months from the date of the purchase order being placed.		

**V. Low Speed Saw**

S. No.	Item	Description of the item		
1	Basic Function and Dimensions	<ul style="list-style-type: none"> <li>Cutter should have manual cutting with lighting (quantity: 1)</li> <li>180 - 200 Watts, High torque motor.</li> <li>50 to 500 rpm continuously variable with digital speed Indication with potentiometric rotary knob</li> <li>Weights for loading Up to 250 Gms. (100,75,50,25 Selectable)</li> <li>Balancing Weight - 300 grams. (150,75,50,25 Selectable)</li> <li>Cutting capacity - 50mm</li> <li>Precise sample positioning - with the help of a big micrometer head. Micrometer dial marking on</li> </ul>		

**TENDER No.: IITI(MM)/SIC/1/1A/452/DAB/2024-25**

		diameter 35mm for better visualization • Coolant tank ss coolant tank and essay replacement of coolant without removing of diamond wheel • Auto Cut off feature		
2	Price	Price should be quoted "FOR IIT INDORE (DDP price)". The insurance for the whole system is for the factory warehouse to IIT INDORE. This includes the responsibility of custom clearance and other miscellaneous duties at the port of entry.		
3	Warranty	One year warranty from the date of acceptance of the equipment.		
4	Delivery Time	Delivery must be completed within 6 months from the date of the purchase order being placed.		

**Note:**

- A. The bidder should submit his acceptance against each column as YES/NO and if No, the bidder should specify the deviation.
- B. Valid proof of the document in support of the claim to be enclosed with the technical bid.

(Signature of the Bidder, with Official Seal)

TENDER No.: IITI(MM)/SIC/1/1A/452/DAB/2024-25

**भाग – 2C /PART – 2C**

**अमूल्यंकित तकनीकी बोली / UNPRICED TECHNICAL Bid for**

**Sample Preparation Equipment - "Ion Beam Milling System, Dimple Grinder, Disc Punch, Disc Grinder and Low Speed Saw (Abrasive cutting machine)"**

(Bidder should provide the following details on Letter head)

TENDER NO.: IITI(MM)/SIC/1/1A/452/DAB/2024-25

Date:

Name of the Bidder \_\_\_\_\_

Sr. No.	Item Description	Qty	Make	Model	HSN Code	GST %	Country of Origin
a)	Ion Beam Milling System	01					
b)	Dimple Grinder with Optical Microscope	01					
c)	Disc Punch	01					
d)	Disc Grinder	01					
e)	Low Speed Saw (Abrasive cutting machine)	01					

Sl No.	Other Terms & Conditions		Compliance Yes/No
1.	<b>Payment terms</b>	Please refer Section-I Point-4	
2.	<b>Delivery Period</b>	Please refer Section-I Point-22 (d)	
3.	<b>Installation</b>	Please refer Section-I Point-22 (e)	
4.	<b>Warranty</b>	Onsite 01-year warranty from the date of successful Installation, commissioning, testing and training. Also refer Section-I Point-22 (g)	
5.	<b>Charges</b>	Freight, unloading, insurance, delivery and any other kind of charges will be borne by the vendor/firm/supplier.	
6.	<b>Service Support</b>	Bidder should provide onsite service support.	
7.	<b>Training</b>	Please refer to Section-I Point-22 (h).	
8.	<b>Additional Warranty (Optional)</b>	Kindly quote separately for 04 years additional warranty from the date of expiration of the standard one year warranty of above mentioned items.	

**अनुभाग-3 / SECTION- IV****भाग – 3A /PART -3A****पूर्व योग्यता मानदंड/ Essential- Qualification Criteria for**  
**“Carbon Coater”****LIST OF DOCUMENTS TO BE UPLOADED WITH TECHNICAL BID**

Sl. No.	Details	Supporting Document Should be Submitted
1.	The Bidder should be OEM/Authorized/Distributors/Dealers/Firms etc. and should have the existence of firm for a minimum period of 5 Years.	For OEM:- Valid Certificate of Incorporation/Registration Certificate of the
2.	Bidder should submit a valid Manufacturers Authorization Form specific to this tender.	The authorization letter should be on the Letterhead of the concerned OEM. In case of Authorized/distributor/dealer/agent Copy of the valid authorization, the certificate shall be enclosed. <b>Offer submitted without proper authorization shall be liable to be rejected summarily.</b>
3.	The firm should have a strong technical support team available in India to rectify the technical issues related to the equipment supply within 24 Hrs.	Bidder should enclose the details of service support (Escalation Matrix details).
4.	<b>Udyog Adhar Memorandum No. if bidder claim MSEs.</b> Copy of valid PAN card, Copy of valid GST registration certificate	Self-certified copies of documents.
5.	<b>WORK EXPERIENCE:</b> The Vendors / Bidders should have work experience as per the following parameters.  Three similar completed work costing not less than <b>Rs. 6,77,534/-</b> in last 03 (three) years for any Govt./Semi Govt./Centrally Funded Technical Institutes (CFTI) which includes IITs, IISERs, IIMs, NITs, IIITs, NITTTRs, IISc and IEST), CSIR Institutes, Central Universities and /or DAE Institutes (NISER, TIFR) <b>OR</b> Two similar completed work costing not less than <b>Rs. 9,03,378/-</b> in last 03 (three) for any Govt./Semi Govt./Centrally Funded Technical Institutes (CFTI) which includes IITs, IISERs, IIMs, NITs, IIITs, NITTTRs, IISc and IEST), CSIR Institutes, Central Universities and /or DAE Institutes (NISER, TIFR). <b>OR</b> One similar completed work costing not less than <b>Rs. 15,80,912/-</b> in last 03 (three) years for any Govt./Semi	Work orders and satisfactory completion valid certificates issued by respective buyer organization of the above order in support of experience to be enclosed. <b>Without submission of completion certificate the experience will not be considered.</b>  The valid certificate should be in Letter Head of the concerned government organization with authorized signatory.

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	Govt./Centrally Funded Technical Institutes (CFTI) which includes IITs, IISERs, IIMs, NITs, IIITs, NITTTRs, IISc and IEST), CSIR Institutes, Central Universities and /or DAE Institutes (NISER, TIFR). Note: Similar work means Supply & Installation of "Carbon Coater".	
6.	Bidder Information	As per enclosed Form-V
7.	List of other Govt. Departments, Public Sector units and Central Autonomous Bodies for which the bidder is supplying material or having the similar type of contracts and a valid certificate regarding the satisfactory performance of the contract	As per enclosed Form-VI
8.	Bidder Acceptance of Tender Document	As per enclosed Form-VII
9.	The bidder should not have been blacklisted by any Government / Semi Government / Board /Corporations /Autonomous Body/ PSU. An undertaking/declaration in this regard should be closed. If any such matter i.e. of blacklisting /suspension is subjudice, even then the concerned firm shall be technically disqualified. <i>"If any one or more Partner/ Directors of any debarred/blacklisted agency promotes or forms a new contracting firm or a sister-concern firm of the said debarred/blacklisted agency, then it shall also be considered as a debarred /blacklisted firm".</i>	As per enclosed Form-IV
10.	<b>FINANCIAL TURNOVER:</b> The firm should have annual financial turnover more than <b>Rs. 22,00,000/-</b> during the past three financial years namely 2020-21, 2021-22 and 2022-23. In case of OEM should be more than <b>Rs. 90,00,000/-</b>  The Vendors / Bidders should not have incurred any loss during the last 03 (three) years (as of 31st March, 2023).Profit after Tax should be positive for the above mentioned period.	As per enclosed Form - VIII and Attach a separate neatly typed sheet on the letter head of Registered Chartered Accountant OR enclose copies of audited Balance Sheet and Profit & Loss Statement for the previous 4 (four) financial year as specified in bid document and further details if required may be asked from the contractor after opening of technical bids. There is no need to upload entire voluminous balance sheet.
11.	<b>Solvency Certificate-</b> Bidder or OEM must submit a certificate of <b>Rs. 18,06,757/-</b> . The certificate should be issued from Scheduled Commercial Public Sector Bank and the same should not be more than 06 months old as on the last date of bid submission.	The certificate should be on letter head of the Bank. This certificate should not be more than 06 months old as on the last date of bid submission.
12.	The quoted products should not be under end of sales or end of support in next 05(five) years from the date of submission	(Declaration from OEM/ Authorized Distributors/Dealers/firms should be submitted)
13.	The bidding firm/company must be a single company and no consortium should be allowed.	(Declaration from OEM/ Authorized Distributors/Dealers/firms should be submitted)
14.	<b>CATALOGUE and PHOTOGRAPHS:</b> Firm should submit the item wise catalogue of the offered product along with the technical bid. Make and model no. of item must be mentioned along with detailed specification. Photographs	

**TENDER No.: IITI(MM)/SIC/1/1A/452/DAB/2024-25**

	related to material/items should be enclosed and Dimensions of material/item, weight and space requirements should also be submitted in technical offer.	
15.	Information Accessibility: Product details and technical specifications of the model should be available to the public on OEM official website for verification.	
16.	Make In India- Class-I or Class-II Local Supplier. <i>*(The OM No. F.4/1/2023-PPD (pt.) dated-28/06/2024 issued by Ministry of Finance, DoE under Rule 161(iv) of GFR-2017 for issuance of GTE for procurement of Medical Devices is applicable to this tender.)</i>	A Self-Declaration Certificate regarding "Class-I or Class-II Supplier" for the tendered item as per the Form - II is to be submitted.
17	NIT Forms 01 to 17	It is mandatory to fill all the forms duly sealed and signed by the authority and attach a separate neatly typed sheet wherever is required.

**Note:- Non-Compliance with any of the above conditions/points by the bidder will amount to non-eligibility for which tender has been floated and its bid shall be liable to be rejected summarily.**

\_\_\_\_\_  
(Signature of the Tenderer/Owner)

Name:

Date:

Official Seal

**तकनीकी विशिष्टता / Technical Specification for**  
**“Carbon Coater”**

Item details and technical specifications are mentioned below for TEM Sample Preparation Equipment “Carbon Coater”

S. No.	Item	Description of the item	Compliance If Yes/ No	Deviation If Any
1.	Specifications and optional	<p>A suitable oil free (turbo molecular) Carbon sputter coater for TEM sample preparation application,</p> <ul style="list-style-type: none"> <li>a) Borosilicate glass chamber with 150 mm or more internal diameter.</li> <li>b) Capacitive touch colour display with touch screen interface.</li> <li>c) Carbon rod evaporation technique to produce high quality carbon coating over the sample surface.</li> <li>d) At least 2 sets of carbon CORD and ROD to be provided.</li> <li>e) Rotation stage diameter - 50 mm with planetary motion.</li> <li>f) The coating system should include rotary and turbo molecular pump suitable to attain ultimate vacuum range <math>10^{-5}</math> mbar or better.</li> <li>g) Sputter current range 0-150 mA with built in timer.</li> <li>h) Status indicator to identify the status of the instrument.</li> <li>i) Disc style Au/Pt/Ni target - 57 mm x 0.3 mm thickness.</li> </ul>		
2	Gas source	<ul style="list-style-type: none"> <li>• Argon with the 99.9 % purity for maintaining inert atmosphere.</li> </ul>		
3	Mandatory Accessories	<ul style="list-style-type: none"> <li>• Specimen handling/loading tools, kit/stage tools, specimen holders, which are essential to run the equipment during the warranty period along with Service kit to be provided.</li> </ul>		
4.	Essential Criteria	<ul style="list-style-type: none"> <li>• The vendor should be capable of preparing samples on site using these equipment and demonstrate, train the users in preparing the samples for TEM analysis.</li> </ul>		

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		<ul style="list-style-type: none"><li>The supplier/company should have the experience of setting up working at least 10 such TEM sample preparation set up or labs in India. Usernames and references should be provided along with the bid.</li></ul>		
5.	Delivery Time	<ul style="list-style-type: none"><li>Delivery must be completed within 6 months from the date of the purchase order being placed.</li></ul>		
6.	Price	<ul style="list-style-type: none"><li>Price should be quoted "FOR IIT INDORE (DDP price)". The insurance for the whole system is for the factory warehouse to IIT INDORE. This includes the responsibility of custom clearance and other miscellaneous duties at the port of entry.</li></ul>		
7.	Installation, commissioning and Warranty	<ul style="list-style-type: none"><li>The system should be installed by the trained engineer from the supplier without additional cost.</li><li>The vendor should conduct one day training session for users at IIT INDORE.</li><li>One year warranty from the date of acceptance of the equipment.</li></ul>		

**Note:**

- A. The bidder should submit his acceptance against each column as YES/NO and if No, the bidder should specify the deviation.
- B. Valid proof of the document in support of the claim to be enclosed with the technical bid.

(Signature of the Bidder, with Official Seal)

TENDER No.: IITI(MM)/SIC/1/1A/452/DAB/2024-25

**भाग – 3C /PART – 3C**

**अमूल्यंकित तकनीकी बोली / UNPRICED TECHNICAL BID for “Carbon Coater”**

(Bidder should provide the following details on Letter head)

TENDER NO.: IITI(MM)/SIC/1/1A/452/DAB/2024-25

Date:

Name of the Bidder \_\_\_\_\_

Sr. No.	Item Description	Qty	Make	Model	HSN Code	GST %	Country of Origin
a)	Carbon Coater	01					

SI No.	Other Terms & Conditions		Compliance Yes/No
1.	<b>Payment terms</b>	Please refer Section-I Point-4	
2.	<b>Delivery Period</b>	Please refer Section-I Point-22 (d)	
3.	<b>Installation</b>	Please refer Section-I Point-22 (e)	
4.	<b>Warranty</b>	Onsite 01-year warranty from the date of successful Installation, commissioning, testing and training. Also refer Section-I Point-22 (g)	
5.	<b>Charges</b>	Freight, unloading, insurance, delivery and any other kind of charges will be borne by the vendor/firm/supplier.	
6.	<b>Service Support</b>	Bidder should provide onsite service support.	
7.	<b>Training</b>	Please refer to Section-I Point-22 (h).	
8.	<b>Additional Warranty (Optional)</b>	Kindly quote separately for 04 years additional warranty from the date of expiration of the standard one year warranty of above mentioned items.	

TENDER No.: IITI(MM)/SIC/1/1A/452/DAB/2024-25

प्रपत्र -1 / FORM-I

निर्माता का अनुज्ञा और वारंटी समर्थन पत्र

**MANUFACTURER'S AUTHORIZATION & WARRANTY SUPPORT DECLARATION  
(ON OEMs Letter head)**

Date: \_\_\_\_\_

Tender No / GeM bid no: IITI(MM)/SIC/1/1A/452/DAB/2024-25

To,  
The Registrar  
Indian Institute of Technology Indore

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 by the above firm.

Authorized representative of the Manufacturer      Authorized representative Bidder

Signature:

Signature:

Name:

Name:

Address:

Address:

Mobile No:

Mobile No:

Email ID:

Email ID:

प्रपत्र -2 / FORM-II  
स्थानीय सामग्री के लिए घोषणा

**Declaration for Local Content (on OEM's Letter Head)**

(To be given on Company Letter Head - For tender value below Rs.10 Crores)  
(To be given by Statutory Auditor/Cost Auditor/Cost Accountant/CA for tender value above Rs.10 Crores)

Date: \_\_\_\_\_

To,  
The Registrar  
Indian Institute of Technology Indore

**Sub: Declaration of Local content**

Tender No: \_\_\_\_\_

Name \_\_\_\_\_ of \_\_\_\_\_ Goods \_\_\_\_\_ & \_\_\_\_\_ Services: \_\_\_\_\_ -

1. Country of Origin of Goods being offered: \_\_\_\_\_

2. We hereby declare that items offered has \_\_\_\_\_% local content (**Please provide exact %**).

3. Details of location at which local value addition will be made / made: (Complete address \_\_\_\_\_ to \_\_\_\_\_ be \_\_\_\_\_ mentioned)

*"Local Content" means the amount of value added in India which shall, be the total value of the item being offered minus the value of the imported content in the item (including all customs duties) as a proportion of the total value, in percent.*

***"\*False declaration will be in breach of Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for 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."***

Yours Faithfully,

\_\_\_\_\_  
(Signature of the Tenderer/Owner)

Name:

Date:

Official Seal

TENDER No.: IITI(MM)/SIC/1/1A/452/DAB/2024-25

प्रपत्र -3 / FORM-III

डीपीआईआईटी पंजीकरण के लिए घोषणा पत्र

Declaration for DPIIT Registration (on OEM's Letter Head)

**CERTIFICATE BY BIDDER- DPIIT REGISTRATION**

"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such a country or, / if from such a country, has been registered with the Competent Authority (copy of the Registration Certificate enclosed).

I hereby certify that his bidder fulfils all requirements in this regard and is eligible to be considered.

\_\_\_\_\_  
(Signature of the Tenderer/Owner)

Name:

Date:

Official Seal

TENDER No.: IITI(MM)/SIC/1/1A/452/DAB/2024-25

प्रपत्र -4 / FORM-IV

स्वच्छ छवि/कोई कानूनी कार्रवाई नहीं होने के संबंध में घोषणा पत्र

**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 preceding three years from the date of publishing of tender.

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.:

प्रपत्र -5 / FORM-V  
बोलीदाता सूचना प्रपत्र

**BIDDER INFORMATION FORM**

SI	Details	
1	Company Name	
2	Registration Number	
3	Manufacturer /Distributor for the quoted product	
4	Registered Address	
5	Name of Partners /Director	
6	City /Postal Code	
7	Company's Establishment Year	
8	Company's Legal Status (tick on appropriate option)	1) Limited Company 2) Undertaking 3) Joint Venture 4) Partnership 5) Others (In case of Others please specify)
9	Company Category	1) Micro Unit as per MSME 2) Small Unit as per MSME 3) Medium Unit as per MSME 4) Ancillary Unit 5) SSI 6) Others (In case of Others please specify)
10	Contact Name: Email Id: MOBILE No.:	
11	<b>BANK DETAILS</b>	Name of Beneficiary :  A/c. No. CC/CD/SB/OD:  Name of Bank :  IFSC NO. (Bank) :  Branch Address and Branch Code:
12	Vendor's PAN No. (Should be attached)	
13	Vendor's GST No. (Should be attached)	

पिछली आपूर्ति आदेश सूची प्रारूप

**PREVIOUS SUPPLY ORDER LIST FORMAT**

Order placed by {Full address of Purchaser}	Order No. and Date	Description and quantity of ordered equipment	Value of order	Contact Person along with Telephone no., Fax no. and e- mail address.

**Note:** The Evaluation Committee may seek additional information from the existing users at IIT Indore or from any other Institutes, these feedbacks will be considered for technical evaluation.

\_\_\_\_\_  
(Signature of the Tenderer/Owner)

Name:

Date:

Official Seal

निविदा शर्तों की स्वीकृति हेतु  
**ACCEPTANCE OF TENDER TERMS**

(To be given on Company Letter Head)

Date: \_\_\_\_\_

To,  
The Registrar  
Indian Institute of Technology Indore

**Sub: Acceptance of Terms & Conditions of Tender. IIT(MM)/SIC/1/1A/452/DAB/2024-25 "**

Dear Sir,

1. I/ We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' 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 from Page No. \_\_\_\_\_ to \_\_\_\_\_ (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 and I have no objection for any of the content of the bid document. The rates quoted by me/us are valid and binding on me/us for acceptance till the validity of bid.
3. I / We hereby unconditionally accept the tender conditions of above-mentioned tender document(s) / corrigendum(s) in its totality / entirety.
4. I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking.
5. I / We do hereby declare that we have quoted our firm rates inclusive of taxes if not mentioned extra.
6. I/We agree to hold this offer open until **180 days** and shall be bound to supply/commission/install/test the equipment and dispatch the same within the specified period.
7. I/We agree that in case if we fail to deliver the goods/complete the work/supply within the stipulated time, then institute has full power to compound the liquidity damages or forfeit the Bid Security/Security Deposit or any necessary action as deemed fit can be taken by the IIT Indore.
8. The articles shall be of the best quality and of the kind as per the requirement of the institution. The decision of the IIT Indore, India (herein after called the said officer) as regard to the quality and kind of article shall be final and binding on me. Should the said officer deem it necessary to change any article on being found of inferior quality, it shall be replaced by me/us free of cost in time to prevent inconvenience.
9. I/We declare that no legal/financial irregularities are pending against the proprietor/partner of the bidding firm or manufacturer.

**TENDER No.: IIT(MM)/SIC/1/1A/452/DAB/2024-25**

10. I/We undertake that the items supplied are as per Demonstration/Catalogue/technical literature description.
11. I/We undertake that the quoted rates are not higher than that approved in any other Govt. institutions in India for the same items during the current Financial Year.
12. I/we do hereby confirm that the prices/rates quoted are fixed and are at par with the prices quoted by me/us to any other Govt. of State/Central//Institute/Department/PSUs. I/we also offer to supply the Equipment/stores at the prices and rates not exceeding those mentioned in the price bid.
13. I/We do hereby confirm that I/we aware about the provisions of "Make in India"/startup initiatives and directives regarding Price Preference Policy to Make in India Registered Bidders and I/We undertake for following the same as per directions of IIT Indore in respect of this E-Bid Enquiry.
14. I/we have necessary infrastructure for the maintenance of the equipment and will provide all accessories/spares as and when required.
15. I/we also declare that in case of change of Indian Agent or for any other change. Merger, dissolution solvency etc. in the organization of our foreign principles, we would take care of the Guarantee/Warranty/Maintenance of the machinery/equipment and have provided written confirmation for the same.
16. I/we undertake to get the equipment repaired/replace within 48 hours of the receiving of the complaint from the institute failing which a penalty of @ 1% of the cost may be recovered from the Bank Guarantee before releasing the same to us after completion period.
17. I/we undertake, If as a result of post payment audit any over payment is deducted in respect of any Supply/work done by our Agency or alleged to have been done by our Agency under this bid, it shall be recovered by the IIT Indore from our Agency.
18. I/we undertake, If any under payment is discovered, the amount shall be duly paid to our Agency by the IIT Indore.
19. I/we undertake that we shall liable to provide all the relevant records copies during the concurrency period of Contract or otherwise even after the Contract is over, whenever required by IIT Indore.

Yours Faithfully,

\_\_\_\_\_  
(Signature of the Tenderer/Owner)

Name:

Date:

Official Seal

TENDER No.: IITI(MM)/SIC/1/1A/452/DAB/2024-25

प्रपत्र -8 / FORM-VIII

वार्षिक कारोबार की घोषणा और  
इनकम टैक्स रिटर्न

**DECLARATION OF ANNUAL TURNOVER AND  
INCOME TAX RETURN**

(To be submitted on Firm/Company Letterhead)

To,  
The Registrar  
Indian Institute of Technology Indore

Date :

**Sub: NIT No.- IITI(MM)/SIC/1/1A/452/DAB/2024-25**

Dear Sir,

I/we hereby declare that, our firm's Annual Turnover as follows, and I/we have also supported an Audited Accounts for your references:

F.Y 2020-21	F.Y 2021-22	F.Y 2022-23

And, I/we hereby declare that, our firm had filed Income Tax Returns for last 3 years i.e. F.Y. 2020-21, 2021-22, & F.Y. 2022-23. Supported by copy of ITR of three years.

\_\_\_\_\_  
(Signature of the Tenderer/Owner)

Name:

Date:

Official Seal

TENDER No.: IIT(MM)/SIC/1/1A/452/DAB/2024-25

प्रपत्र -9 / FORM-IX

प्रश्न प्रारूप/ QUERY FORMAT

Name of the Firm: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Address: \_\_\_\_\_

Email ID: \_\_\_\_\_

Contact No.: \_\_\_\_\_

Sl. No	Reference of the Clause No. of the Tender Document	Query/Clarification/ Deviation sought	Clarification/Response from IIT Indore
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

प्रपत्र -10 / FORM-X

परफॉर्मेंस सिक्योरिटी प्रारूप

**PERFORMANCE SECURITY FORMAT**

To,

.....  
**WHEREAS** ..... (name and address of the supplier)  
(hereinafter called "the supplier") has undertaken, in pursuance of contract no. .... Dated  
.....to supply (description of goods and services) (hereinafter called "the contract").

**AND WHEREAS** it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee by a scheduled commercial bank recognized by you for the sum specified therein as security for compliance with its obligations in accordance with the contract;

**AND WHEREAS** we have agreed to give the supplier such a bank guarantee:

**NOW THEREFORE** we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of ..... (amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We further undertake to pay the Purchaser any money so demanded notwithstanding any dispute or disputes raised by the supplier(s)/vendor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the supplier(s)/vendor(s) shall have no claim against us for making such payment.

We hereby waive the necessity of your demanding the said debt from the supplier before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until the ..... day of ....., 20.....

(Signature of the authorized officer of the Bank)

Name and designation of the officer

Seal:

Name & address of the Bank

Address of the Branch:

Phone No.:

E-mail ID:.

TENDER No.: IITI(MM)/SIC/1/1A/452/DAB/2024-25

प्रपत्र -11 / FORM-XI

**Format for Price Breakup/Financial Document**

**for**

**Supply and Installation of "High Resolution Transmission Electron Microscope (HRTEM)" and "TEM Sample Preparation Equipment**

**Name of the Bidder/ Bidding Firm / Company:** \_\_\_\_\_

Sl. No.	Item	Qty.	Unit Price in INR (₹)	GST in INR (₹)	Total Price in INR (₹)
a)	High Resolution Transmission Electron Microscope (HRTEM)"	01			
b)	TEM Sample Preparation Equipment	01 each			
c)	Carbon Coater	01			

**Note:**

1. All Terms & Conditions will be as per NIT Document uploaded on GeM.
2. *Format for Price Breakup (FORM-XI) must be uploaded at the time of Price bid submission only.*

\_\_\_\_\_  
(Signature of the Tenderer/Owner)

Name:

Date:

Official Seal

**DECLARATION REGARDING SALES AND SUPPORT**

(to be provided on letter head of the firm)

To,  
The Registrar  
Indian Institute of Technology Indore

We, M/s. \_\_\_\_\_ hereby affirm that the engineers listed below are currently employed by our organization and have consistently provided service and support in their region. We attest to their professional competence, dedication, and commitment to delivering high-quality work.

Sl. No.	Name	E-mail Id	Contact No.
1	Mr. _____	_____	_____
2	Mr. _____	_____	_____
3	Mr. _____	_____	_____

We, M/s. \_\_\_\_\_ declare that we as original equipment manufacturers (OEMs) shall not be subjected to end of sale or end of support within the next five years from the date of submission of this declaration. This commitment aims to ensure the continuity and reliability of products and services provided by us, fostering stability and trust

We also certify that the above information is true and correct in 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.

\_\_\_\_\_  
(Signature of the Tenderer/Owner)

Name:

Date:

Official Seal

**प्रपत्र -13 / FORM-XIII**

**PRICE REASONABILITY CERTIFICATE**

(To be submitted on Firm/Company Letterhead)

1. I/We \_\_\_\_\_ hereby certify that the prices quoted by us in our offer letter No.....are not higher than prices to any Government Department/PSU/Institution.
2. I/We further certify that I/We have not supplied or quoted for any item in offer letter at prices lower than those quoted for the relevant items to any Government/Semi-Government/ Public/Institution within the period of 90 days preceding the last date of submission of the offer.
3. I/We hereby undertake that I/We will not supply or quote for any item in offer letter at prices lower than those quoted for the relevant items to any Government/Semi-Government/ Public/ Institution/ within the period of validity of the offer.
4. I/We also undertake to bring the attention of the Authorities, any incidence of breach of any of the above paras within 30 days from the occurrence of the breach and further undertake to refund/reimburse the difference which may arise due to breach of any of the above paras and I/We also understand that the decision of Authorities, regards to the determination of quantum payable shall be final.

\_\_\_\_\_  
(Signature of the Tenderer/Owner)

Name:

Date:

Official Seal

प्रपत्र -14 / FORM-XIV**TECHNICAL SPECIFICATIONS COMPLIANCE SHEET**

1. The technical compliance bid must be in this sheet only, otherwise, it should be assumed that the bidder is not able to offer a technically desired product. Information provided elsewhere or in different form will not be considered.
2. All the columns of this sheet should be filled in compulsorily by the bidder, merely asking the office to refer catalogue or brochure will not be entertained.
3. The bidder shall assume full responsibility of the information provided in this sheet. Any false statement should render the breach of basic foundation of the tender.

S. No.	Technical specification	Features available write (Yes/No)	Offered Specification	Any deviation from specification	Remarks
1	High Resolution Transmission Electron Microscope (HRTEM)				
2	TEM Sample Preparation Equipment				
3	Carbon Coater				

**Note:** Bidder should submit with Technical Specification Compliance Sheet with Technical Specification Bid.

\_\_\_\_\_  
(Signature of the Tenderer/Owner)

Name:

Date:

Official Seal

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प्रपत्र -15 / FORM-XV

**Annual Maintenance Charges**

The Rates should be quoted in round figures and percentage (%) only of the total cost quoted by the bidder of the main equipments.

Sl .No.	Name of the Equipment	Rates of AMC in percentage (AMC will be after warranty period)		Total AMC Cost in percentage for 02 Years	TAXES in Percentage (%)	Total AMC Cost in percentage for 02 Years including taxes and all charges
		1 <sup>st</sup> yr	2 <sup>nd</sup> yr			
1	High Resolution Transmission Electron Microscope (HRTEM)					
2	TEM Sample Preparation Equipment					
3	Carbon Coater					
Grant Total						

\_\_\_\_\_  
(Signature of the Tenderer/Owner)

Name:

Date:

Official Seal

**प्रपत्र -16 / FORM-XVI**

(To be submitted on Firm/Company Letterhead)

**UNDERTAKING**

I/We hereby declared that all the Test Reports compliances as per Standard Specifications mentioned in the NIT Document No: \_\_\_\_\_ for "Supply & Installation of \_\_\_\_\_" will be submitted by us, if required/asked.

Further, we will provide all Statuary valid Certificates/Permissions/License/Hardware/Software as required for smooth running of the supplied EQUIPMENT including all essential requirements for installation etc..

Furthermore, I/We hereby declare that, our quoted prices against this E-Bid Enquiry are not higher than prices offered by us to any others Govt. Institutions/Other Institutions/Departments as per prevailing market prices and we are liable for passing of all the benefits of GST in terms of cost reduction on account of various tax factors to IIT Indore as per the provisions of GST Act 2017. If any time IIT Indore will get the information that we have supplied items on higher prices in comparison to other institutes on the basis of prevailing applicable prices, we are undertaking that, we are liable for refunding and depositing back such difference amount to IIT Indore from our side without any question.

I/We are also undertaken that the Department of Commerce or Ministry/any other Department has been not debarred/blacklisted our firm as per best of our knowledge, if any such debarment/blacklisting come to the notice of IIT Indore Authorities during execution of Supplies against this E-Bid Enquiry, Indore have right to reject our proposal and take appropriate action deemed fit against our firm as per prevailing applicable Rules & Regulations.

\_\_\_\_\_  
(Signature of the Tenderer/Owner)

Name:

Date:

Official Seal

**INTEGRITY AGREEMENT**

(To be signed by the bidder and same signatory competent / authorized to sign the relevant contract on behalf of IIT Indore)

This Integrity Agreement is made at ..... on this ..... day of.....  
20.....

**BETWEEN**

The IIT Indore, represented through Registrar, IIT Indore

.....  
(Hereinafter referred as the 'Principal/Owner', (Address of Division) 'Principal/Owner', which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

AND

Name and Address of the Individual/firm/Company) through

..... (Hereinafter referred (Details of duly authorized signatory) to as the "Bidder/Contractor" and which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

**Preamble**

WHEREAS the Principal / Owner has floated the Tender (NIT No.....) (hereinafter referred to as "Tender/Bid") and intends to award, under laid down organizational procedure, contract for ..... at IIT Indore." (Name of work) hereinafter referred to as the "Contract". AND WHEREAS the Principal/Owner values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/transparency in its relation with its Bidder(s) and Contractor(s). AND WHEREAS to meet the purpose aforesaid both the parties have agreed to enter into this Integrity Agreement (hereinafter referred to as "Integrity Pact" or "Pact"), the terms and conditions of which shall also be read as integral part and parcel of the Tender/Bid documents and Contract between the parties.

NOW, THEREFORE, in consideration of mutual covenants contained in this Pact, the parties hereby agree as follows and this Pact witnesses as under:

**Article 1: Commitment of the Principal / Owner**

1) The Principal/Owner commits itself to take all measures necessary to prevent corruption and to observe the following principles

No employee of the Principal / Owner, personally or through any of his / her family members, will in connection with the Tender, or the execution of the 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.

(a) The Principal/Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/Owner 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 /

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additional information through which the Bidder(s) could obtain an advantage in relation to the Tender process or the Contract execution.

(b) The Principal/Owner shall Endeavour to exclude from the Tender process any person, whose conduct in the past has been of biased nature.

2) If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal code (IPC)/Prevention of Corruption Act, 1988 (PoC Act) or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal/Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

3) If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal code (IPC)/Prevention of Corruption Act, 1988 (PoC Act) or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal/Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

**Article 2: Commitment of the Bidder(s) / Contractor(s)**

1) It is required that each Bidder/Contractor (including their respective officers, employees and agents) adhere to the highest ethical standards, and report to the Government / Department all suspected acts of fraud or corruption or coercion or collusion of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.

2) The Bidder(s)/Contractor(s) commits 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 person or firm, offer, promise or give to any of the Principal/Owner's employees involved in the Tender process or 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 of any kind whatsoever during the Tender process or during the execution of the Contract.

b) The Bidder(s)/Contractor(s) will not enter with other Bidder(s) 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 cartelize in the bidding process.

c) The Bidder(s) / Contractor(s) will not commit any offence under the relevant IPC/PoC Act. Further the Bidder(s) / Contractor(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal / Owner 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 names and addresses of agents / representatives in India, if any. Similarly Bidder(s) / Contractor(s) of Indian Nationality shall disclose names and addresses of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. Further, in cases where an agent participate in a tender on behalf of one manufacturer, he shall not be allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/parallel tender for the same item.

3) The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

4) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practices means a willful misrepresentation or omission of facts or submission of

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fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Government interests.

5) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may befall upon a person, his/ her reputation or property to influence their participation in the tendering process).

**Article 3: Consequences of Breach**

Without prejudice to any rights that may be available to the Principal /Owner under law or the Contract or its established policies and laid down procedures, the Principal/Owner shall have the following rights in case of breach of this Integrity Pact by the Bidder(s)/Contractor(s) and the Bidder/ Contractor accepts and undertakes to respect and uphold the Principal/Owner's absolute right:

1) If the Bidder(s)/Contractor(s), either before award or during execution of Contract has committed a transgression through a violation of Article 2 above or in any other form, such as to put his reliability or credibility in question, the Principal/Owner after giving 14 days' notice to the contractor shall have powers to disqualify the Bidder(s)/Contractor(s) from the Tender process or terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal/Owner. Such exclusion may be forever or for a limited period as decided by the Principal/Owner.

2) Forfeiture of EMD/Performance Guarantee/Security Deposit: If the Principal/Owner has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated/determined the Contract or has accrued the right to terminate/determine the Contract according to Article 3(1), the Principal/Owner apart from exercising any legal rights that may have accrued to the Principal/Owner, may in its considered opinion forfeit the entire amount of Earnest Money Deposit, Performance Guarantee and Security Deposit of the Bidder/Contractor.

3) Criminal Liability: If the Principal/Owner obtains knowledge of conduct a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes corruption within the meaning of IPC Act, or if the Principal / Owner has substantive suspicion in this regard, the Principal/Owner will inform the same to law enforcing agencies for further investigation.

**Article 4: Previous Transgression**

1) The Bidder declares that no previous transgressions occurred in the last 5 years with any other Company in any country confirming to the anticorruption approach or with Central Government or State Government or any other Central/State Public Sector Enterprises 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 or action can be taken for banning of business dealings/ holiday listing of the Bidder/Contractor as deemed fit by the Principal/ Owner.

3) If the Bidder/Contractor can prove that he has resorted / recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/Owner may, at its own discretion, revoke the exclusion prematurely.

**Article 5: Equal Treatment of all Bidders/Contractors/Subcontractors**

- 1) The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its Sub-contractors/sub-vendors.
- 2) The Principal/Owner will enter into Pacts on identical terms as this one with all Bidders and Contractors.
- 3) The Principal/Owner will disqualify Bidders, who do not submit, the duly signed Pact between the Principal/Owner and the bidder, along with the Tender or violate its provisions at any stage of the Tender process, from the Tender process.

**Article 6: Duration of the Pact**

This Pact begins when both the parties have legally signed it. It expires for the Contractor/Vendor 6 months after the completion of work under the contract or till the continuation of defect liability period, whichever is more and for all other bidders, till the Contract has been awarded.

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

**Article 7: Other Provisions**

- 1) This Pact is subject to Indian Law, place of performance and jurisdiction is the Head Quarters of the Division of the Principal/Owner, who has floated the Tender.
- 2) Changes and supplements need to be made in writing. Side agreements have not been made.
- 3) If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by Board Resolution.
- 4) Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- 5) It is agreed term and condition that any dispute or difference arising between the parties with regard to the terms of this Integrity Agreement / Pact, any action taken by the Owner/Principal in accordance with this Integrity Agreement/ Pact or interpretation thereof shall not be subject to arbitration.

**Article 8: Legal and Prior Rights**

All rights and remedies of the parties hereto shall be in addition to all the other legal rights and remedies belonging to such parties under the Contract and/or law and the same shall be deemed to be cumulative and not alternative to such legal rights and remedies aforesaid. For the sake of brevity, both the Parties agree that this Integrity Pact will have precedence over the Tender/Contract documents with regard any of the provisions covered under this Integrity Pact.

IN WITNESS WHEREOF the parties have signed and executed this Integrity Pact at the place and date first above mentioned in the presence of following witnesses:

.....  
(For and on behalf of Principal / Owner)

.....  
(For and on behalf of Bidder / Contractor)

WITNESSES:

1. ....  
(Signature, name and address)

2. ....  
(Signature, name and address)

Place:

Dated:



Deputy Registrar  
Material Management Section  
IIT Indore

**उप कुलसचिव  
(सामग्री प्रबंधन विभाग)  
Deputy Registrar  
(Materials Management Section)**

পরিচালনা পর্ষদ  
আর্থিক নথি রাখা  
অন্যান্য বিষয়  
পরিচালনা পর্ষদ