

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, Installation and Commissioning of Confocal Microscopy, Upright Fluorescence Microscope, Imaging and Processing Facility and High End Optical Microscope



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

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

- Any bidder from a country sharing a land border 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 23rd July 2020 and its subsequent amendments.
- Benefits to Micro and Small (MSEs)/Start-Up will be applicable under PP Policy 2012 and its subsequent amendments for MSEs as per guidelines issued by Ministry of MSME.
- 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 15th June 2017 and its subsequent amendments.
- 4. Payment: No advance payment will be made in any case. Payment will be released through bank NEFT/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 etc. to the Assistant Registrar, MM Section, IIT Indore.

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/DAVV Indore/BU Jhansi/NIT Kurukshetra and accepted by the user department.
- (ii) 20% of the balance of each unit cost will be paid after Satisfactory Installation, Commissioning, Testing & Training (if required) of the IIT employees and submission of performance bank guarantee.

5. Performance Security:

- a. Within Fifteen days (or any other period mentioned in Tender Document or Contract) after the issue of Contract/Purchase Order by the Procuring Entity, the firm shall furnish to the IITI, performance security, valid up to <u>sixty days</u> after the date of completion of all contractual obligations by the contractor, including the warranty obligations.
- b. The <u>5%</u> 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:
 - Unless otherwise stipulated in Tender Document or Contract, Account Payee Demand Draft or Fixed Deposit Receipt is drawn on any commercial bank in India, favoring the authority mentioned in therein (or FA&CAO of the Procuring Organization, if not mentioned).
 - Bank Guarantee issued by a commercial bank in India, in the prescribed form provided in Form X.
- 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.

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/DAVV Indore/BU Jhansi/NIT Kurukshetra technical committee.
- Items should be delivered only on working days (Monday to Friday) during office hours only i.e. between 10:00 a.m. to 05:00 p.m.
- J. 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 liable. Non- Delivery of material/service may lead to forfeiture of PBG and debarment of the supplier.
- 11. Delivery: Free delivery at IIT Indore/DAVV Indore/BU Jhansi/NIT Kurukshetra
- 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.
- 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, M.P India to competent jurisdiction. All Domestic and International disputes are subject to Indore, M.P. jurisdiction only.

- 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 v1.26.
- 19. All communications with respect to the tender shall be addressed only to:

Assistant Registrar (R&D),

Materials Management Section

6th Floor, Abhinandan Bhawan (West Wing),

Indian Institute of Technology, Indore

Khandwa Road Simrol, Indore- 453552

Tel.: 0731660- Ext. 5552/3551

Email: rndmms1@iiti.ac.in, somms@iiti.ac.in, arrnd@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. 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: The equipments should be delivered to IIT Indore/DAVV Indore/BU Jhansi/NIT Kurukshetra as per the delivery period mentioned in the 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/DAVV Indore/BU Jhansi/NIT Kurukshetra. Unloading of the goods at IIT Indore/DAVV Indore/BU Jhansi/NIT Kurukshetra is the responsibility of the supplier. No manpower will be provided by IIT INDORE.
 - e) Installation and Demonstration: Installation should be done by the supplier at free of cost within 04 weeks 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 factorytrained 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/DAVV Indore/BU Jhansi/NIT Kurukshetra 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/DAVV Indore/BU Jhansi/NIT Kurukshetra.

g) Warranty: The warranty period should begin from the date of successful installation, commissioning and training at IIT Indore/DAVV Indore/BU Jhansi/NIT Kurukshetra. 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 the supplied material 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 material is not used.

h) Training (if required/asked): Onsite training should be provided by the supplier at free of cost to the users designated by IIT Indore/DAVV Indore/BU Jhansi/NIT Kurukshetra on all specified capabilities of the instrument by the company person. At least 3 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.

ADVISORY ON FRAUD CALLS/MESSAGE MADE IN THE NAME OF 11T INDORE

(a) This is to inform you that no officials from the HT Indore make any telephone calls/messages/emails/whatsapp seeking personal or irrelevant information from the bidder. In case any additional documentation is required from bidder, it is sought only through the official email(s) originating from the institute domain name i.e. @iiti.ac.in.

(b) No tender/application/documentation fee is applicable for any type of the tenders being

floated by this institute.

(c) The HT Indore hereby advises all the bidders to refrain from entertaining any suspicious telephone calls/messages/emails/whatsapp made in the name of HT Indore asking for money on behalf of the institute. They are also advised not to reveal any personal information or transfer any money in response to such calls/messages/emails/whatsapp.

(d) Moreover, they should bring such matters to the notice of the institute viz email to

mms@iiti.ac.in.

(e) In case any bidder responds and becomes pray to any such fraudulent communication the responsibility shall not lie with this institute.

Assistant Registrar(R&D)
MM Section, IIT Indore

सहायक कुलसचिव (अनुसंघान एवं विकास सामग्री प्रबंधन विचाग) Assistant Registrar (R&D-Materials Management Section)

अनुभाग-2 / SECTION- II

आवश्यक योग्यता मानदंड/Essential- Qualification Criteria

आग - 1 /PART - I

LIST OF DOCUMENTS TO BE UPLOADED WITH TECHNICAL BID

SI. No.	Details	Supporting Document Should be Submitted
1.	Bidder Information	As per enclosed FORM – V
2.	The Bidder should be OEM/ Authorized - Distributors/ Dealers/ Firms and should have the existence of firm for a minimum period of 5 years.	Valid certificate of Incorporation/ Registration of the firm.
3.	Bidder should submit a valid manufacturers authorization (in case bidder is not an OEM) and warranty support declaration from the OEM specific to this tender.	The same should be on the Letterhead of the concerned OEM. In case of Authorized- distributor/ dealer firm, a copy of the valid authorization certificate shall be enclosed. (As per FORM – I) Note- Offer submitted without proper authorization shall be liable to be rejected summarily.
4.	Udyam Certificate if bidder claim MSEs should be as per GeM_GTC Clause 04, Point no (xiii), m, (i) Note- Exemption for MSME's under this clause shall be given to only those bidders who are OEM and have a valid UDYAM certificate with major activity as "Manufacturing". (Traders/Authorized dealers shall not be eligible for any exemption).	Self-certified copies of documents.
5.	Startup Certificate if bidder claim as a startup to this tender item.	Self-certified copies of documents.
6.	WORK EXPERIENCE: The Vendors / Bidders should have work experience as per the following parameters. Three similar completed work costing not less than Rs. 45,43,000/- in last 3 (Three) financial years for any Govt./Semi Govt./Centrally Funded Technical Institutes (CFTI) which includes IITs, IISERs, IIMs, NITs, IIITs, IISc and IIEST, CSIR Institutes, Central Universities and /or DAE Institutes (NISER, TIFR).	Work orders and satisfactory completion valid certificates issued by respective buyer organization of the above order in support of experience to be enclosed. Without submission of completion certificate the experience will not be considered. The valid certificate should be in Letter Head of the concerned government organization with

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	less than Rs. 60,58,000/- in last 3 (Three) financial years for any Govt./Semi Govt./Centrally Funded Technical Institutes (CFTI) which includes IITs, IISERs, IIMs, NITs, IIITs, IISc and IIEST, CSIR Institutes, Central Universities and /or DAE Institutes (NISER, TIFR). OR One similar completed work costing not less than Rs. 1,06,00,000/- in last 3 (Three) financial years for any Govt./Semi Govt./Centrally Funded Technical Institutes (CFTI) which includes IITs, IISERs, IIMs, NITs, IIITs, IISc and IIEST, CSIR Institutes, Central Universities and /or DAE Institutes (NISER, TIFR). Note: Similar work means Supply, Installation and Commissioning of Rheometer - Dynamic mechanical	
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 been closed. If any such matter i.e. of blacklisting /suspension is subjudice, even then the concerned firm shall be technically disqualified. "If any one or more Partner/ Directors of any debarred/blacklisted agency promotes or forms a new contracting firm or a sisterconcern firm of the said debarred/blacklisted agency, then it shall also be considered as a debarred /blacklisted firm".	As per enclosed FORM IV
10.	The quoted products should not be under end of sales or end of support in next 05 (five) years from the date of submission.	As per enclosed FORM XII
12.	FINANCIAL TURNOVER: The Bidder Annual Financial Turnover should more than Rs. 1,51,00,000/- during the last three financial years namely 2022-23 2023-24 and 2024-25.	As per enclosed FORM VIII and Attach a separate neatly typed sheet on the letter head of Registered Chartered Accountant OR enclose copies of

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	And In case of OEM, the Average Annual Turn Over should be Rs. 6,05,00,000/- during the last three financial years namely 2022- 23 2023-24 and 2024-25. The Vendors / Bidders should not have incurred any loss during the last 3 (Three) financial years upto 31st March, 2025. Profit after Tax should be positive for the above- mentioned period.	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 she		
12.	Make In India- Class-I or Class-II Local Supplier.	A Self-Declaration Certificate regarding "Class-I or Class-II Supplier" for the tendered item as per the Annexure- is to be submitted. As per enclosed FORM II However, the Item is exempted under (The OM no. F/4/1/2023-PPF(pt) dated - 14/02/2025 issued by ministry of finance, DoE under Rules 161(IV) of GFR-2017 for issuance of GTE for procurement of medical Devices is applicable to this tender) Accordingly, non-local suppliers can also participate.		
14.	Price Reasonability Certificate (To be submitted on Firm/Company Letterhead)	As per enclosed FORM XIII		
15.	Undertaking (To be submitted on Firm/Company Letterhead)	As per enclosed FORM XIV		
16.	CATALOGUE: Firm should share 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		
17.	Solvency Certificate required of ₹ 1.21 Crore for bidder.	The certificate should be on the letter head of the bank. This certificate should have been issued within 6 months from original date of the submission of tender.		
18.	Integrity Agreement: Signed Copy of the agreement should be submitted on the firm's letter head.	As per enclosed FORM XV.		

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:

अनुभाग-2 / SECTION- II तकनीकी विशिष्टता / Technical Specification

भाग - 2 /PART - II

(Bidder should submit compliance matrix along with Technical Bid)

Item details and technical specifications as mentioned below: Supply, Installation and Commissioning of Confocal Microscopy, Upright Fluorescence Microscope, Imaging and Processing Facility and High End Optical Microscope

Confocal Microscopy (LASER SCANNING Confocal Microscope with Upgradation capabilities on-site) – For DAVV, Indore	Qty	Complied Yes/No	Deviation if any
System should be capable to perform wider applications which must include B Live Cell imaging, Multidimensional imaging, FRET, and FRAP, photoactivation			ns like
1. Inverted Microscope:			
 Bright field, Fluorescence and DIC illumination with accessories for confocal scan head attachment 			
Motorized light path selection for visual and confocal imaging			
 Motorized Z focus drive with minimum stable resolution of 10nm or better 			
Online display screen on LCD screen / Tab / Press button for the motorized functions			
 6 positions or higher motorized FL filter turret, 6 positions motorized DIC nosepiece. 			
Microscope field of view on left and side port should be 20mm or better.			
 Motorized XY-stage for the movement of specimen using joystick with LCD screen as well as total control by the confocal software 			
LED illumination for both reflected and transmitted light.			
High resolution confocal grade High N.A Objectives			
 10x (0.45 or better N.A), 			
20x (0.7 or better N.A.)-Long Working Distance,			
40x (1.20 or better N.A.)-Silicon Oil objective,			
60x (1.42 or better N.A.)			
LED Illumination for Fluorescence Observation- LED Fluorescence)Illumination 20,000 hours of life for fluorescence observation, filter for DAPI/FITC/ TRITC must be offered.			
DIC Attachment:			
DIC for 10x to 60x objectives with analyzer and polarizer attachment, sliders and modules for the respective objectives with either motorized or intelligent functionalities.			
Microscope should be capable to have Dual Deck (dual turret) mechanism in future for future upgrades.			
Microscope should have 1x & 1.5x/2x intermediate magnification changer which must work as or when Dual deck upgrade happens.			
Microscope should have the capability to project the back focal plane of the objective to a monitor through camera for easy laser alignment for future upgradation to TIRF and/or such other techniques.			
2. Confocal Scan Head and Detection System			
High transmission efficiency optics for confocal.			
b. The system should have Hybrid Detection Technology capable of working in intensity and Spectral model having at least 2			

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GaAsP/HyD/SilVIR based detectors having 45%	
Q.E or better as detection system for dual color simultaneous image	
acquisition system. System should be upgradable to two additional	
GaAsP/HyD/SiIVIR detector on site in future	
 Computer controlled continuously variable single pinhole system, which 	
should cover wider area of one Airy unit or more for higher brightness and	
without affecting sectioning performance	
d. Galvano Scanner: Galvano Point scanner should provide a speed of 8-	
10fps @ 512 x 512 (without Interlacing Imaging/line skipping) & max speed	
of 200fps @ 512 x 16.	
e. Field of View: Confocal System should have 22mm or better FOV	
imaging capability for Galvano scanner enabling to capture large samples	
and perform multi-well scanning in less time	
f. System should possess efficient dichroic mirror with low angle incidence	
for better transmission efficiency.	
g. Scan Resolution: Maximum scan resolution of up to 8K x 8K or better.	
h. Scan Zoom: Scan zoom of 1 - 40x or more continuous variable. Multi	
step scanning zoom preferred	
i. Transmitted light detector to be provided for capturing bright field and	
DIC images.	
k. System should have spectral resolution of 5nm or better.	
Lasers: Pre-aligned Solid state laser launcher with atleast 15mw or better	
laser power:	
a, Solid state 405nm	
b. Solid state 488nm	
c. Solid state 561nm	
d. Solid state 633nm/638nm/640nm	
 All the visible laser lines should be controlled through AOTF or Direct 	
modulation for laser attenuation and switching in synchronization with	
scanner.	
4. Computer Workstation (Factory Recommended) OS: Windows 10 pro, 64 Bit	
English version or better CPU: Intel Xeon W-2225 (CPU 4.0 core 4) or better	
a) RAM: 64 GB	
b) HDD: 1st HP Z turbo G2 512x GB, PCIe H.2 SSD.	
c) 2 nd SATA 2TB	
d) Optical Drive: Super Multi drive, up to x 16 speed. LAN: 10/100/1000network	
interface x 2	
e) Extension Slot: 2 PCI express 3.0 x 16 slots (one slot for Graphics) Graphics :	
NVIDIA Quadro RTX4000 or better	
f) Monitor : 32" monitor	
g) Suitable online UPS to support the complete system (not less than 5 KVA)	
with minimum 30 minutes back-up time	
5. Confocal Software:	
a. Image acquisition, Complete microscope control, Scan head control and	
Laser control software	
b. Saving of all instrument parameters along with the image for	
repeatable/reproducible imaging	
c. Frame/line/lambda capturing, Z-Stack, Time series imaging capabilities	
d. ROI bleach for FRAP experiments	
e. FRET Imaging, Calcium Imaging, High content Analysis and capturing. Page 10 of 41	

f. Co-localization analysis and volume rendering	T		
g. Real time ratio-display and spectral Unmixing.			
h. 2D and 3D image deconvolution			
 Diverse measurement and statistical processing, software should be having Artificial intelligence functionality related to acquisition and quantification of data. 			
 j. Software should be capable to record Live graphs of different Live cell imaging experiments parameters as a recorded data. 			
k. The imaging software should have artificial intelligence (AI) based functionalities.			
Antivibration Table: High-performance vibration free base for Confocal and microscope system.			
Upgradation Possibilities: The quoted system should have the following upgradation possibilities on-site			
 Should have possibility of upgrading/Add-on of ONSTAGE INCUBATION SYSTEM CO2 Incubator with necessary attachments and software for Live cell imaging capabilities, these should be available for upgradation at any point of time in future. 			
2) Super Resolution Attachment: System should be capable to be attached with an Additional Dedicated Special Array Detector (Super Resolution Detector for Thick Sample) for Super resolution imaging which can achieve XY resolution 90-100 nm and 300 nm in Z should be able to image 100µm thick sample (product offered must be available on manufacturer website and brochure/Data sheet). This should be available for upgradation at any point of time in future.			
Warranty: 5 Years			+
NOTE:			
 Vendor must specify the installation room conditions. 			
 b) System must be upgradable to technologies like Localization Microscopy and Hardware based High-Speed Super Resolution suitable for High-speed Live cell imaging. 			
c) System should have a capability of upgrading to 2 more detectors in future if required at the system installed site.			
pright Fluorescence Microscope: Motorized Inverted Fluorescence Microscope with	Qty	Complied Yes/No	Deviation

Upright Fluorescence Microscope: Motorized Inverted Fluorescence Microscope with DIC, monochrome camera, software and live-cell imaging capability - For IT Indore	Qty	Complied Yes/No	Deviation if any
Microscope frame and stage			
 Type: Fully motorized, infinity-corrected inverted research microscope supporting transmitted and reflected light for brightfield, DIC, and epifluorescence. 			
 Controls: Body-mounted shuttle switches/function buttons (or equivalent) for filter turret rotation and fluorescence/transmitted mode selection. Intermediate magnification changer: 1.5× (user-exchangeable to 2×), The magnification must be correctly detected/encoded by the software. There should be an active right side port also to attach 2 cameras at a time. 			

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Imaging FOV: Internal optical path supporting 20-22 mm FOV or			
better at the imaging port for large-format cameras. Minimum 3 or more			
manual camera ports (two side, one rear) with selectable light path splits:			
eyepiece 100%, left 100%, right 100%, or eyepiece 20%/left 80% or			
eyepiece 20%/right 80%. Motorized light path selection for visual and			
camera imaging			
 Eyepieces: Binocular viewing tube with 10× eyepieces, diopter adjustment, FOV ≥22 mm. 			
Tube: Binocular observation tube; interpupillary distance 50–75 mm.			
 Bertrand Lens: Built-in Bertrand lens with linear scaling, must be integrated and recognized by the microscope body for alignment/inspection tasks. 			
 Z-focus: Fully motorized Z-drive with 10 nm Z step size (or better) 			
with a physical coarse and fine focus knob featuring rotary encoder, fine/coarse toggle, and automatic step switching based on objective magnification. Must include escape (anti-collision) and refocus mechanisms to protect specimens/objectives and enable rapid return to the previous focus position.			
 Nosepiece: Motorized DIC sextuple nosepiece (or better) with position-sensing feedback. 			
 Transmitted illumination: Integrated high-intensity white LED with uniform illumination across the FOV. Transmitted illumination pillar should have the tilt option. 			
 Stage: Motorized XY scanning stage for the movement of specimen using ergo joystick as well as total control by the quoted software. Should supply compatible universal sample holders (ring holders, 96-well plate clamps, slide/dish holders) with the motorized stage. 			
Controller: Dedicated integrated controller/joystick with LCD display controlling all motorized/intelligent components.			-
 Double-deck upgrade: Should be upgradable to double-deck to increase infinity space for devices such as a second epi-fluorescence filter cube turret, barrier filter wheel, rear port unit, and future confocal/TIRF upgrades. 		3	
Laser Safety: Should have the Laser safety interlock signal output available (as default) on the stand for coordinated control for future			
upgradation of laser-based systems.			
Illumination and contrast components			
Fluorescence illuminator: LED system with at least 4 independently			

TENDER No.: IITI(MM)/BSBE/108/PRJ/PK/2025-2026 controllable wavelengths covering DAPI (~385 nm), FITC/GFP (~475 nm),	r r v
TRITC/Cy3 (~550 nm), and Cy5 (~620 nm) regions.	
 Epi filter turret: Motorized fluorescence filter turret with ≥6 positions. 	
Condenser turret: Motorized turret with 6-7 positions or better.	
including modules for brightfield, DIC, an integrated LWD Lens and neutral density filters for intensity control.	
DIC optics: Complete DIC set for large-FOV imaging, including	
analyzer and polarizer compatible with the system's turret, plus DIC prisms/sliders matched to the supplied objectives.	
Objectives	
All supplied objectives must be high-quality, plan-corrected, and infinity-corrected.	
 10X Objective: Plan Fluor/Apochromat, NA ≥0.45, WD ≥3.5mm or letter. 	
 20X Objective: Plan Fluor/Apochromat, NA ≥0.45, extra-long WD (6.9–8 mm), cover glass correction collar 0–2 mm. 	
 60X/63X Oil Objective: Plan Fluor/Apochromat, NA ≥1.42 	
Digital imaging system	
 Camera: High-resolution, high-sensitivity Monochrome CMOS Camera with an 85% peak QE at 500 nm (sCMOS or CCD equivalent) 	
 Sensor: ≥ 35MP or better resolution on a large sensor approximately full frame(minimum ~35 × 23 mm or better) for maximal FOV utilization. 	
 Performance: Must achieve a maximum high-speed rate of ≥ 225 fps in ROI (Region Of Interest) or Binning mode. 	
Mounting: F-mount/C-mount adapter system with appropriate relay optics to match the large sensor to the microscope port/FOV.	
Live Cell Imaging system: On-Stage Incubation and Environmental	
Control: Should quote the ONSTAGE INCUBATION SYSTEM CO2	
Incubator with necessary attachments and software for Live cell imaging capabilities with following features,	
 Stage Top Incubator: Dedicated Stage-Top Incubation System designed specifically to integrate with the motorized stage. 	
Controller: The quoted On-stage Incubation system should have the	
facility to control Humidity / Temperature / CO2 etc. with built-in digital gas	
mixer for 100% CO2 cylinder; precise control of CO2 concentration;	
humidification and temperature control for live-cell imaging.	
Sample Compatibility:	
The system should be compatible for imaging of multi-well plates, 35/60	

TENDER No.: IITI(MM)/BSBE/108/PRJ/PK/2025-2026	2 2 2
mm dishes, dish attachment and fixing lid for slide glass, chambered slide,	
and chambered cover glass with necessary adapters should be provided.	
Gas: CO2 cylinder with regulator, tubing and connectors compatible	
with incubator controller should be quoted and provided.	
Integration: The incubator must physically fit under the objectives and	
nosepiece without interfering with operation. Thermal drift should be	
minimal to allow stable functioning.	
Z Drift Compensation System for Live Cell Imaging:	
Microscope system should be equipped with hardware-based, real-time	
focus Drift compensation technology having LED (830nm or higher) based	
mechanism for Continuous Focus correction monitoring system to achieve	
drift-free autofocusing during long-term time-lapse and live-cell imaging.	
Focus correction technology should be usable for Glass as well as Plastic	
dishes.	
Control, software, and computer	
 Software platform: Integrated control of microscope, stage, filters, 	
and LEDs; camera control and live imaging with dark UI theme.	
 6D-Acquisition: Should support multi-dimensional imaging workflows, 	
allowing the user to automatically acquire data across 6 simultaneous	
dimensions: X, Y (Multi-Area/Multipoint), Z (Focus Stack), Lambda	
(Wavelength), Time(T), and Multipoint/Sample (M).	
 Extended Depth of Focus (or Equivalent): Software should generate 	
a single, all-in- focus, high-resolution 2D image from a Z-stack acquisition	
for documentation of thick specimens in DIC or Brightfield, ensuring all	
details are sharp regardless of the depth. The software must automatically	
align and fuse the sharpest pixels from each slice into the final image.	
 2D/3D Deconvolution Module: Software should have a dedicated 	
computational module to reverse the optical blurring (Point Spread	
Function, PSF) introduced by the objective, resulting in improved	
resolution, signal-to-noise ratio, and contrast.	
 Must support both 2D (Iterative or Nearest-Neighbor) and 3D (Iterative 	
Restorative) deconvolution algorithms to assign out-of-focus light back to	
its point of origin.	
 Software should have a Computational Image Deconvolution (Out-of- 	
focus blur removal) via an Al model to achieve Confocal-like image quality	
from 2D and 3D widefield fluorescence data.	
- Automatic and significant increase in Signal-to-Noise (S/N) ratio and	
image contrast.	

TENDER No.: IITI(MM)/BSBE/108/PRJ/PK/2025-2026	
One-Click Enhancement that applies the model instantly to raw, archived, or live images with no user training required.	
Processing: Standard image operations (arithmetic, filtering), HDR merging.	
Measurement: Tools for segmentation, object counting, and geometric/intensity measurements within user-defined ROIs (length, area, angle; line profiles; intensity surface plots). Objective calibration and report generation included.	
Volume rendering: Advanced 3D visualization of Z-stacks (e.g., maximum intensity projection and volumetric rendering) with capability to create 3D movies.	
Metadata: Image file format must embed all hardware settings (objective, exposure, filter, LED intensity, Z-position, etc.) for reproducibility and traceability.	
Computer: Professional High-end PC with Intel Xeon processor 4.0 GHz core or better, minimum 64 GB RAM, 512 GB PCIe SSD for operating system/software, and a second SATA drive (2 TB minimum) for data.	
Graphics: Professional-grade NVIDIA Quadro series GPU with 8 GB or better dedicated memory (e.g., RTX4000 equivalent) for handling 3D rendering and deconvolution	
Monitor: 32-inch 4K display.	
Power and vibration control	
UPS: 3 kVA providing minimum 1 hour battery backup.	
Isolation: Active Anti-vibration isolation platform suitable for the complete microscope system.	
Note:	
All the components of Microscope, Camera, software should be from a single manufacturer for better synchronization and utility of the complete system	

Imaging & Processing Facility Motorized Inverted Fluorescence Microscope with DIC, Color Camera and Software (For Bundelkhand University, Jhansi)		Complied Yes/No	Deviation if any
Microscope frame and stage			
 Type: Fully motorized, infinity-corrected inverted research microscope supporting transmitted and reflected light for brightfield, DIC, and epifluorescence. 			
 Controls: Body-mounted shuttle switches/function buttons (or equivalent) for filter turret rotation and fluorescence/transmitted mode selection. Intermediate 			

TENDER No.: IITI(MM)/BSBE/108/PRJ/PK/2025-2026	
magnification changer: 1.5× (user-exchangeable to 2×), The magnification must be correctly, detected/encoded by the software. There should be an active right side port also to attach 2 cameras at a time.	
- Imaging FOV: Internal optical path supporting 20-22 mm FOV or better at the	
imaging port for large-format cameras. Minimum 3 or more manual camera ports (two side, one rear) with selectable light path splits: eyepiece 100%, left 100%, right 100%, or eyepiece 20%/left 80% or eyepiece 20%/right 80%. Motorized light path selection for visual and camera imaging	
 Eyepieces: Binocular viewing tube with 10× eyepieces, diopter adjustment, FOV ≥22 mm. 	
 Tube: Binocular observation tube; interpupillary distance 50–75 mm. 	
 Z-focus: Fully motorized Z-drive with 10 nm Z step size (or better) with a physical coarse and fine focus knob featuring rotary encoder, fine/coarse toggle, and automatic step switching based on objective magnification. 	
 Nosepiece: Motorized DIC sextuple nosepiece (or better) with position-sensing feedback. 	
Transmitted illumination: Integrated high-intensity white LED with uniform illumination across the FOV. Transmitted illumination pillar should have the tilt possibility and condenser vertical stroke should be in a range of 60–66 mm	
 Stage: Manual X-Y stage with stage plate 250 × 250 mm or better; travel 110 mm (X) × 70 mm (Y) or better. Include universal sample holders (ring holders, 96-well plate clamps, slide/dish holders). 	
 Controller: Dedicated integrated controller/joystick with LCD display controlling all motorized/intelligent components. 	
 Double-deck upgrade: Should be upgradable to double-deck to increase infinity space for devices such as a second epi-fluorescence filter cube turret, barrier filter wheel, rear port unit, and future confocal/TIRF upgrades. 	
Illumination and contrast components	
 Fluorescence illuminator: LED system with ≥4 independently controllable channels covering DAPI (385 nm), FITC/GFP (475 nm), TRITC/Cy3 (~550 nm). 	
 Epi filter turret: Motorized fluorescence filter turret with ≥6 positions. 	
Condenser turret: Motorized turret with 6-7 positions or better, including modules for brightfield, DIC, an integrated LWD Lens and neutral density filters for intensity control.	
DIC optics: Complete DIC set for large-FOV imaging, including analyzer and polarizer compatible with the system's turret, plus DIC prisms/sliders matched to the supplied objectives.	
Objectives	

High End Optical Microscope			
(Inverted Fluorescence Microscope with DIC, Color Camera and Software)-	Qty	Complied Yes/No	Deviation if any
(for NIT Kurukshetra)		Tuarro	ii sany
Microscope frame and stage			
Type: Infinity-corrected inverted research microscope supporting transmitted			
and reflected light for brightfield, DIC, and epifluorescence.			
 Controls: Body-mounted shuttle switches/function buttons (or equivalent) for 			
filter turret rotation and fluorescence/transmitted mode selection. Intermediate			
magnification changer. 1.5× (exchangeable to 2×). There should be an active			
right side port also to attach 2 cameras at a time.			
 Imaging FOV: Internal optical path supporting 22mm or better FOV at the 			
imaging port for large-format cameras. Minimum 3 or more manual camera ports			
(two side, one rear) with selectable light path splits: eyepiece 100%, left 100%,			
right 100%, or eyepiece 20%/left 80% or eyepiece 20%/right 80%. Motorized			1
light path selection for visual and camera imaging			
 Eyepieces: Binocular viewing tube with 10x eyepieces, diopter adjustment, 			
FOV ≥22 mm.			
 Tube: Binocular observation tube; interpupillary distance 50–75 mm. 			
 Z-focus: Manual Focus Drive (Coarse and Fine) with a minimum fine focus 			
precision of 0.1 mm per rotation or lesser.			
 Nosepiece: Sextuple (6-position) revolving nosepiece or better, specifically 			
configured as a DIC Sextuple Nosepiece with designated slots for DIC prisms.			
Transmitted illumination: Pillar-Mounted White LED illumination system for			
ransmitted light (Dia-illumination), with built-in features for uniformity across the			
arge FOV. Transmitted illumination pillar with a condenser vertical stroke of 60-			
56 mm.			
• Stage: Manual X-Y stage with stage plate; travel 110 mm (X) × 70 mm (Y) or			
better. Include universal sample holders (ring holders, 96-well plate clamps,			
slide/dish holders).			
• Double-deck upgrade: Upgradable to double-deck to increase infinity space			
for devices such as a second epi-fluorescence filter cube turret, barrier filter			
wheel, rear port unit, and future confocal/TIRF upgrades.			
Ilumination and contrast components			
Fluorescence illuminator: LED system with ≥4 independently controllable			
channels covering DAPI (385 nm), FITC/GFP (475 nm), TRITC/Cy3 (~550 nm).			
• Epi filter turret: Encoded/Intelligent fluorescence filter turret with ≥6 positions.			
Condenser turret: Manual turret with 6-7 positions or better, including			
modules for brightfield, DIC, and neutral density filters for intensity control. Must			

TENDER No.: IITI(MM)/BSBE/108/PRJ/PK/2025-2026 include Long Working Distance (LWD) Lens for System suitable for cell culture vessels (greater than 40mm or better)	
DIC optics: Complete DIC set for large-FOV imaging, including analyzer	
and polarizer compatible with the system's turret, plus DIC prisms/sliders	
matched to the supplied objectives.	
Objectives	
All supplied objectives must be high-quality, confocal grade, plan-corrected, and	
infinity- corrected.	
 10X Objective: Plan Apochromat, NA ≥0.45. 	
 20X Objective: Plan Apochromat, NA ≥0.70. 	
 40X Objective: Plan Apochromat, NA ≥0.95. 	
Image Documentation System	
Camera Port: Dedicated Trinocular Camera Port with light distribution selectable between 0:100 (Eyepiece:Camera) and 100:0 (Eyepiece:Camera).	
Image Sensor Type: Large Format CMOS Sensor with a physical size of 35 mm diagonal or larger, designed for optimal wide Field of View (FOV) imaging.	
Maximum Resolution: Ultra-High Resolution: Capable of recording images at a minimum of 20 megapixels or better.	
Live Frame Rate: Fast Live Display essential for focusing: Capable of 60 fps or better at Full HD resolution(1920x1080) via ROI or pixel averaging mode.	
Color/Monochrome Mode: Camera Unit should be capable of acquiring both Color (for	
brightfield/staining) and Monochrome (for high-sensitivity fluorescence) images.	
Exposure Time: Wide exposure range suitable for low-light fluorescence: Must be adjustable from 100 microseconds up to a minimum of 120 seconds or better.	
Data Interface: High-speed data transfer interface, typically USB 3.0 or 3.2 Gen (or equivalent) for fast image transfer.	
Camera Adapters: Must include necessary F-Mount or C-Mount Adapters to optimize the field of view for the large sensor size.	
Software and Computer Workstation	
Imaging Software: Dedicated Image Acquisition and Analysis Software from the	
microscope manufacturer for seamless integration.	
Software Features: Software must include the following functionalities: 4D	
Multidimensional Imaging (Time-lapse, Z-series)Multi-channel Imaging (FL/DIC/Phase),	
Snap-Shot, Movie Capture, 2D Image Stitching/Tiling, Linear Measurements,	
Annotations, and Report Generator, Image	
Arithmetic, Intensity Measurement (ROI), Binary Layers, Manual Measurement tools	

TENDER No.: IITI(MM)/BSBE/108/PRJ/PK/2025-2026 and Macro Automation.	
CPU: Branded PC Workstation with Intel Core i7 or XEON (or equivalent AMD) processor with 4 cores or better, with a clock speed of 3.0 GHz or higher.	
RAM Memory: 16 GB or better.	
Storage: 512 GB Solid State Drive (SSD) or larger for the Operating System and Software. Graphics Card: Dedicated Graphics Card (e.g., NVIDIA Quadro T400 or equivalent professional- grade GPU) with 2 GB dedicated VRAM or better, supporting 4K resolution.	
Monitor: 32-Inch 4K Monitor or better for detailed image review. Heavy-duty suitable Computer/Instrument Table.	
Power and vibration control	
 UPS: 3 kVA with ≥30 minutes battery backup. 	
Isolation: Anti-vibration isolation platform suitable for the complete microscope system.	
Note:	
All the components of Microscope, Camera, Software should be from a single manufacturer for better synchronization and utility of the complete system	

Note:

- A. The bidder should submit his acceptance against each column as YES/NO and if No, the bidder should specify the deviation.
- Valid proof of the document in support of the claim to be enclosed with the technical bid.
- C. All communications with respect to the tender shall be addressed only to:

Assistant Registrar (R&D), Materials Management Section 6th Floor, Abhinandan Bhawan (West Wing), Indian Institute of Technology, Indore Khandwa Road Simrol, Indore- 453552

Tel.: 0731660- Ext. 5552/3551

Email: rndmms1@iiti.ac.in, somms@iiti.ac.in, arrnd@iiti.ac.in

(Signature of the Bidder, with Official Seal)

अनुभाग-2 / SECTION- II अमूल्यंकित तकनीकी बोली / UNPRICED TECHNICAL BID

भाग - 3 /PART - III

(Bidder should provide the following details on Letter head)

TENDER NO.: IITI(MM)/BSBE/108/PRJ/PK/2025-2026	Date:	
Name of the Bidder		

Sr. No.	Item Description	Qty	Make	Model	HSN Code	GST %	Country of Origin
a)	Supply, Installation and Commissioning of Confocal Microscopy.	01 No.					
b)	Supply, Installation and Commissioning of Upright Fluorescence Microscope.	01 No.					
c]	Supply, Installation and Commissioning Imaging and Processing Facility.	01 No.					
d)	Supply, Installation and Commissioning High End Optical Microscope.	01 No.					

SI No.		Other Terms & Conditions					
1.	Payment terms	Please refer Section-I Point-4	Please refer Section-I Point-4				
2.	Delivery Period		Within 8 weeks from the date of Purchase/GeM Contract Order and also refer Section-I Point-22 (d)				
3.	Delivery Location	Confocal Microscopy	At Devi Ahilya Vishwavidyalaya, Indore				
		 Upright Fluorescence Microscope 	At Indian Institute of Technology Indore				
		 Imaging and Processing Facility 	At Bundelkhand University, Jhansi				
		4. High End Optical Microscope	National Institute of Technology, Kurukshetra				
3.	Installation	Please refer Section-I Point-2					

4.	Warranty	Onsite 05 years warranty from the date of successful Installation, commissioning, testing and training and 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	Onsite training should be provided by the firm free of cost by the expert engineer			
8.	enclosed in	s and catalogues related to material/items should be the technical bid and Dimensions of material/item, weight equirements should also be submitted in technical offer.			

प्रपत्र -1 / FORM-I

निर्माता का अनुजा और वारंटी समर्थन पत्र

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

	Date:
Tender No / GeM bid no: IITI(MM)/BSBE/108/P	RJ/PK/2025-2026
To,	
The Registrar	
Indian Institute of Technology Indore	
We. Iname of Manufa	cturer], who are official manufacturers o
[Insert type of goods manufactured] have Manufacturer's factories], do hereby author submit a bid the purpose of which is to provide us [insert name and or brief description of the and sign the contract.	ring factories at [insert full address or rize [insert complete name of Bidder] to ride the following goods, manufactured by
We hereby extend our full guarantee, warrs support in accordance with the Terms and Goods offered by the above firm.	
Authorized representative of the Manufactur	er Authorized representative Bidder
	TV 97
Signature:	Signature:
Name:	Name:
Address:	Address:
Mobile No:	Mobile No:
Email ID:	Email ID:

प्रपत्र -2 / FORM-II

स्थानीय सामग्री के लिए घोषणा

Declaration of Local content

(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 Registr Indian Instit	ar ute of Techno	logy Indore			
Sub: Decla	ration of Loc	al content			
Tender No:					
Name	of	Goods	&	Services:	
1. Country o	of Origin of Go	ods being offered:			
2. We herel	by declare that	at items offered ha	s% loca	al content (Please p	rovide
3. Details o	of location at	which local value a to	addition will be	e made / made: (Co men	mplete
value of the (including all "*False dec of the Gendebarred fo	item being of leastoms duti- laration will least Financial or up to two years of the such other acceptances.	ffered minus the vertical estate of the control of	alue of the in of the total va ode of Integra h a bidder of 151 (iii) of the	ity under Rule 175(or its successors of General Financial	ne item (1)(i)(h) (an be
Signature of Name:	f the Tenderer	/Owner)			
Date:					
Official Seal					

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 county, 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:

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 summar	rily 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)	Limited Company Undertaking Joint Venture Partnership 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	BANK DETAILS	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)	

प्रपत्र -6 / FORM-VI

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:

प्रपत्र -7 / FORM-VII

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. IITI(MM)/BSBE/092/PRJ/HK/2025-2026

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u	e	а	J	8	г,

- If 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.
- I / We hereby unconditionally accept the tender conditions of above-mentioned tender document(s) / corrigendum(s) in its totality / entirety.
- I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking.
- I / We do hereby declare that we have quoted our firm rates inclusive of taxes if not mentioned extra.
- I/We agree to hold this offer open until <u>180 days</u> 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.
- I/We declare that no legal/financial irregularities are pending against the proprietor/partner of the biding firm or manufacturer.

- 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:

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)

Date:

The Registrar

Indian Institute of Technology Indore

Sub: NIT No.- IITI(MM)/BSBE/092/PRJ/HK/2025-2026

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. 2022-23	F.Y. 2023-24	F.Y. 2024-25
-		

And, I/we hereby declare that, our firm had filed Income Tax Returns for last 3 years i.e. F.Y. 2022-23, 2023-24 and 2024-25. Supported by copy of ITR of three years.

(Signature of the Tenderer/Owner)

Name:

Date:

प्रपत्र -9 / FORM-IX

प्रश्न प्रारूप/ QUERY FORMAT

Name of the Firm:	
Contact Person:	
Address:	
Email ID:	
Contact No :	

SI. No	Reference of the Clause No. of the Tender Document	Query/Clarificati on/ Deviation sought	Clarification/Respo
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

प्रपत्र -10 / FORM-X

परफॉरमेंस सिक्योरिटी प्रारूप

PERFORMANCE SECURITY FORMAT

To,
WHEREAS (name and address of the supplier) (hereinafter called "the supplier") has undertaken, in pursuance of contract no Datedto 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
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
(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:.

प्रपत्र -11 / FORM-XI

Format for Price Breakup/Financial Document

for

Supply, Installation and Commissioning of Confocal Microscopy, Upright Fluorescence Microscope, Imaging and Processing Facility and High End Optical Microscope

Name of the Bidder/ Bidding Firm / Company:

SI. No.	Item	Qty.	Unit Price in INR (₹)	GST in INR (₹)	Total Price in INR (₹)
a)	Supply, Installation and Commissioning of Confocal Microscopy.	01 No.			
b)	Supply, Installation and Commissioning of Upright Fluorescence Microscope.				
c)	Supply, Installation and Commissioning Imaging and Processing Facility.				
d)	Supply, Installation and Commissioning High End Optical Microscope.				

Note:

All Terms & Conditions will be as per NIT Document uploaded on GeM.

Format for Price Breakup (FORM-XI) must be uploaded at the time of Price bid submission.

(Signature of the Tenderer/Owner)

Name:

Date:

प्रपत्र -12 / FORM-XII

बिक्री और समर्थन के संबंध में घोषणा

DECLARATION REGARDING SALES AND SUPPORT

(to be provided on letter head of the firm)

	egistrar Institute of Technology Indor	e	
engine consis	M/seers listed below are curre tently provided service and sional competence, dedicati	ently employed by our o d support in their region	. We attest to their
SI. No.	Name	E-mail Id	Contact No.
1	Mr.		
2	Mr.		
3	Mr.		-
suppor commi	M/snent manufacturers (OEMs) It within the next five years fro tment aims to ensure the co ed by us, fostering stability an	shall not be subjected to om the date of submission of ontinuity and reliability of p	of this declaration. This
any ca	so certify that the above information in the second to the above firm sted.	that any details provided ab	ove are incorrect, any
(Signat Name: Date:			

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/Instituti	on.
2. I/We further certify that I/We have not supplied or quote	ed for any item in offer letter
at prices lower than those quoted for the relevant items	s to any Government/Semi-
Government/ Public/Institution within the period of 90 d of submission of the offer.	lays preceding the last date
I/We hereby undertake that I/We will not supply or quot	te for any item in offer letter
at prices lower than those quoted for the relevant items	s to any Government/Semi-
Government/ Public/ Institution/ within the period of valid	dity of the offer.
4. I/We also undertake to bring the attention of the Au	uthorities, any incidence of
breach of any of the above paras within 30 days from the	ne occurrence of the breach
and further undertake to refund/reimburse the differen	ce which may arise due to
breach of any of the above paras and I/We also unde	erstand that the decision of
Authorities, regards to the determination of quantum par	yable shall be final.
(Signature of the Tenderer/Owner) Name:	

प्रपत्र -13 / FORM-XIV

(To be submitted on Firm/Company Letterhead)

UNDERTAKING

I/We hereby declared that all the Test Reports compliances as per Standard Specifications

"Supply & I us, if require		of			" will be sub	ıbmitted by	
Further,	we	will	provide	all	Statuary	valid	
			dware/Software ssential requiren	the state of the s	for smooth runn tallation etc	ing of the	
higher the	n prices	offered by	y us to an	y others	t this E-Bid Enqui Govt. Instituti	ons/Other	

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:

प्रपत्र -14 / FORM-XV

(To be printed on Supplier's letterhead)

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

of IIT Indore)		INTEGR	TY AGREEN	IENT			
This Integrity /	Agreement is	made a	t	on this		day	of
			BETWEEN				
The IIT Indore	represented	- M					IT Indore
Name and Address signatory) to as the hereof include its suc	Bidder/Contracto	or" and which	(Hereina expression sha	after referred	(Details of	of duly	authorized
			Preamble				
WHEREAS the Prir (hereinafter referred for	to as "Tender/Bio EREAS the Princic use of resou /HEREAS to me thereinafter refer ral part and parce in consideration	f') and intends cipal/Owner varices and of eet the purpos red to as "Inte el of the Tende	to award, under t IIT Indore." (alues full compli- fairness/transpa- e aforesaid bo- grity Pact" or "f r/Bid document	er laid down or Name of work iance with all arency in its th the parties Pact"), the tent is and Contract	rganizational k) hereinafte relevant law relation with have agree ms and cond to between the	procedur r referre is of the h its Bio ed to en litions of e parties	ure, contract ed to as the land, rules, dder(s) and ter into this which shall s.
Article 1: Commitme							
The Principal/Owner following principles	commits itself t	o take all me	asures necessa	ary to preven	t corruption	and to d	observe the
No employee of the with the Tender, or the any material or imma	ne execution of t terial benefit which	he Contract, d the person i	emand, take a s not legally ent	promise for o titled to.	r accept, for	self or th	hird person,
he Principal/Owner w	II, during the Ter	nder process, t	reat all Bidder(s	s) with equity a	and reason.	The Prin	cipal/Owner

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(b) The Principal/Owner shall Endeavour to exclude from the Tender process any person, whose conduct in the past

will, in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an

advantage in relation to the Tender process or the Contract execution.

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 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

- 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.
- 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

- 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.
- 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

- 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.
- 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 intensions.
- 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

BUYER

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/Contact 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:

