

मौलानाआज़ादराष्ट्रीय प्रौद्योगिकीसंस्थानभोपाल
Maulana Azad National Institute of Technology Bhopal
(भारत सरकार, शिक्षा मंत्रालय के अधीनराष्ट्रीय महत्व का संस्थान)
(An Institution of National Importance under MoE, Govt. of India)



निविदाआमंत्रण सूचना(मालिकाना लेख प्रमाण-पत्र के तहत क्रय)

NOTICE INVITING TENDERS (PAC buying Mode)

सामग्री/वस्तु का नाम Automation studio Software
Name of Goods/Items

Website www.manit.ac.in

Email Address: info@manit.ac.in

Fax No: 0755-2670562

Telephone No: 0755-4051000, 0755-4052000

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(An Institution of National Importance under MoE, Govt. of India)

No. MANIT/CEPDSM/2025/04

दिनांक / Date:22/08/2025

निविदाआमंत्रण सूचना(मालिकाना लेख प्रमाण-पत्र के तहत क्रय)
NOTICE INVITING TENDERS (PAC buying Mode)

सामग्री / वस्तु का नाम Automation studio Software
Name of Goods/Items

उपरोक्तसामग्री / वस्तु के लिए निविदाएँअमंत्रित की जातीहैं।इच्छुकनिर्माता/अधिकृतभागीदार/एजेंसियाँ जो M/s. Famic Technologies Inc. के लिए अधिकृतहोंवेसंस्थान कीवेबसाईट www.manit.ac.in और CPPP वेबसाईट www.eprocure.gov.in/epublish/app परअधिक जानकारी के लियेलाग-इनकरसकतेहैं।निविदादस्तावेजडाउनलोडकरविधिवत रूप से उप-कुलसचिव (भण्डार एवं क्रय)मौलानाआज़ादराष्ट्रीय प्रौद्योगिकीसंस्थान, भोपाल- 462003 जमाकियाजासकताहै।

सम्पूर्णनिविदा मय दस्तावेजप्रस्तुतकरने की अंतिमतिथि 15/09/2025अपरान्ह 12.00 बजेतकहै।संस्थाननिदेशक, बिनाकोईकारणबताए किसी या संपूर्णनिविदाकोपूर्ण या आंशिक रूप से स्वीकार या अस्वीकारकरने का अधिकारसुरक्षितहै।

कुलसचिव

Tenders are invited for aforesaid Goods/ Items. Interested Manufacturers/Authorized Partner/Agencies of M/s. Famic Technologies Inc. may log on Institute website www.manit.ac.in and CPPP website www.eprocure.gov.in/epublish/app for further details. Tender Document can be downloaded and the duly completed be submitted to the Deputy Registrar(Stores & Purchase) Maulana Azad National Institute of Technology- Bhopal- 462003.

Last date of submission of complete tender document is 15/09/2025 up to 12.00 hours. The Director of the Institute reserves the right to accept or reject any or the entire tender in full or in part without assigning any reason whatsoever.

Registrar

मौलानाआज़ादराष्ट्रीय प्रौद्योगिकीसंस्थान, भोपाल
Maulana Azad National Institute of Technology Bhopal

एक नजरमेंमहत्वपूर्णजानकारियों		
IMPORTANT INFORMATION AT A GLANCE		
निविदाक्रमांक एवंदिनांक		No. MANIT/ CEPDSM/2025:04
Tender No & Date		Date: 22/08/2025
निविदा का कार्यक्षेत्र/SCOPE OF TENDER		
सामग्री/वस्तु का संक्षिप्तविवरण	संख्या	टिप्पणी
Brief Description of Goods/Items	Quantity	Remarks
Automation studio Software	01	संलग्नक- Iपरविस्तृतविवरण Detailed Specification at Annexure-I
निविदा की अनुमानितलागत Estimated cost of Tender	Rs. 2,95,000.00	
आपूर्ति एवंस्थापना का स्थान Location of Supplies & Installation	Centre of Excellence in Product Design and Smart Manufacturing at Institute	
निविदादस्तावेज की उपलब्धता Availability of Tender Document	www.manit.ac.in www.eprocure.gov.in/epublish/app	
निविदाजमाकरने के अंतिमदिनांक एवं समय Last Date & Time of Submission of Tender	15/09/2025 up to 12:00 hours	
निविदा खुलने की दिनांक एवं समय Date & Time of Opening of Bids	16/09/2025 at 15:00 hours	
निविदावैधता की अवधि Tender Validity period	60 days from the date of opening of the Technical Bid	
वितरण/आपूर्ति की अवधि Delivery/ Supply period	04 to 08 weeks from the date of issue of Supply Order	
वारंटीअवधि Warranty Period	NA	
बोलीसुरक्षा/ बयानाराशि Bid Security/ EMD	As per slab mentioned in the document.	
निष्पादनसुरक्षा राशि Performance Security Amount	As per slab mentioned in the document	

बोलीदाता के लियेनिर्देश/अनुदेश/ INSTRUCTIONS TO BIDDERS		
1	Scope of Supplies & Work:	
	a	The Goods/ Items shall be supplied as per the Bill of Quantity and Specifications mentioned in ANNEXURE-I . However higher specification of equipment may be considered subject to their cost economics competitiveness.
	b	Bidder should supply illustrated leaflet giving technical details of Goods/ Item and attach the same with the tender to facilitate evaluation.
	c	Bidder should quote the price of only one best & appropriate model of Goods/Item available with them.
	d	Purchase Preference will be given to “Make in India products” as defined in Purchase Preference with Local Content (PP-LC) Policy. Accordingly, bidders with Local Content less than or equal to 20% will be treated as “Non-Local Supplier”. The prescribed LC shall be applicable on the date of Bid opening. The bidder shall submit an undertaking along with the bid stating the bidder meets the mandatory minimum LC requirement and such undertaking shall become a part of the contract. Local content certificate from practicing Cost Accountant or practicing Chartered Accountant giving the percentage of local content shall be acceptable. The local content certificate shall be submitted along with each invoice raised.
	e	Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs). If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the product offered or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer)of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY.
	f	Start-ups as recognized by Department for Promotion of Industry and Internal Trade (DPIIT), claiming EMD exemption and relaxation in turnover as prescribed in the certificate / Start Up scheme of DPIIT.
	g	Bidder may be asked to supply sample of offered product/item before supply in bulk quantities.
	h	Where ISI certification marked goods are available in market, procurement should generally be limited to goods with those or equivalent marking only. The warranty/AMC required must be specified
	i	After the supply of Goods/ Items & Accessories as mentioned in the ANNEXURE-I , the bidder has to execute its installation at the designated location(s). No extra cost shall be paid for this reason.
2	Delivery of Supplies & Installation:	
	a	The purchaser is interested in complete delivery of Goods/items along with Installation, Testing and Commissioning within stipulated time limit as mentioned at IMPORTANT INFORMATION AT GLANCE sheet. However, the bidder has an option to submit the best Delivery/ Installation time.

	b	The material shall be inspected on receipt at site and bidder shall be responsible for any damage during the transit of Goods/Items.
	c	The insurance cover including insuring the goods against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery/ installation shall be obtained by bidder in his own name and not in the name of purchases.
3	Warranty & After Sales Services:	
	a	The bidder shall offer on-site comprehensive warranty of equipments as mentioned at IMPORTANT INFORMATION AT GLANCE sheet at the designated location & shall cover each and every part of the equipments including parts having limited life etc. The purchaser is not liable to pay any extra charges on any account during warranty period.
	b	The bidder shall ensure to render after sales services during the warranty period to the satisfaction of purchaser.
	c	The performance security as per rate mentioned at IMPORTANT INFORMATION AT GLANCE sheet on the total value is required in favour of Institute for the warrantee period plus sixty days extra.
4	Eligibility Criteria:	
	a	Bidder should be a Company/Partnership firm/ Proprietary firm/ Agency and operational from at least 03 years (Three) as on close date of tender. Copy of registration shall be attached.
	b	The Bidder must have supplied Goods/ Items in last three years to Central/State government/ Quasi-Government organization/ Public listed company in India. Copies of Purchase Order (PO) shall be attached.
	c	Bidder should have minimum annual turnover (Double value of estimated cost of tender) in last year .CA certification in this regard is to be submitted.
	d	The Earnest Money Deposition Slip/proof of payment.
	e	Bidder should have GST Number & Income PAN both.
	f	Bidder should be authorized Distributor/ Dealer/ Partner/ Service Provider of M/s. Famic Technologies Inc. Copy of Authorization should be submitted.
5	Earnest Money Deposit:	
	The bidder is instructed to submit EMD in the form of DD/FDR/RTGS/NEFT/BG/Bank deposition slip along with bid to prove the transfer of payment to the purchaser's Account as per EMD slab mentioned below:	
	Tender Value	EMD Rate
	Less than 2.50 Lakhs	NIL
	Between 2.50 lakhs to 25.00 Lakhs	2% of Tender Value rounded off in nearest in 100 rupees.
	a	Purchaser's Bank Account details:
	Account Name	Bank Name
	Director MANIT Bhopal	State Bank of India
	A/c No.	IFS Code
	10020150107	SBIN0001608
	b	The EMD will be returned to the unsuccessful bidders soon after placement of order and successful bidder shall get its EMD after supply of material.
	c	The bidder seeking EMD exemption must submit the valid supporting document for the relevant category. Manufacturers for goods and service providers for services are eligible for exemption from EMD under MSE Category. Traders are excluded from the purview of this policy.

6	Amendment of Tender Document:	
	a	At any time prior to the date submission of bids, the purchaser may, for any reason, whether at its own initiative or in response to a clarification sought by a prospective bidder, amend bid document by issuing corrigendum. The corrigendum will be notified/ published in e-tendering website www.eprocure.gov.in/epublish/app and Institute website only.
7	Price Bid	
	a	The Prices should be quoted in Indian Rupees only.
	b	Purchaser (being a research Institution) is registered with the Department of Scientific & Industrial Research (DSIR) for the purpose of availing custom duty exemption in terms of GoI Notification No. 51/96-Customs dated 23 July 1996. The bidder should quote their prices considering the exemption certificate. If any certification needed by bidder, may be given to avail of this benefit.
	c	Bidder shall take into account all costs including unloading at the location of purchaser, cartage etc. for giving delivery of material at site(s) before quoting the rates. In this regard no claim whatsoever shall be entertained.
	d	The bidders are advised not to indicate any separate discount. Discount, if any, should be merged with the quoted unit prices.
	e	The price quoted in price bid shall be firm but subject to change in rate of applicable taxes if any.
	f	The Bidder should avoid the use of vague term such as “Extra as applicable”. Such offers shall be treated as non-responsive.
	g	No extra payment shall be paid on account of any discrepancy in nomenclature of items. The bidder shall seek clarifications if any before submitting the tender.
8	Bid Submission:	
		The bidder is instructed to give their online offer through single bid system for this tender. The tender must be placed in a properly sealed envelope super-scribed “ <i>Tender for the Supply of Automation studio Software.</i> ” with tender inquiry number and its due date addressed to The Director, Maulana Azad National Institute of Technology- Bhopal- 462003 and must reach the office of The Deputy Registrar- Stores & Purchase, Maulana Azad National Institute of Technology, Bhopal on or before as mentioned at IMPORTANT INFORMATION AT GLANCE sheet. The sealed Envelope should be consisting of followings:
	a	Copy of Certificate of Registration of firm, GST Number and Income Tax PAN.
	b	Copy of Purchase Order (PO) received from government shall be attached.
	c	The Earnest Money Deposition Slip/Proof of payment. If any
	d	Certificate mentioning of Turnover for the last year and OEM authorization letter.
	e	BOQ Annexure-I and Price Bid Annexure-II duly filled and signed.
9	Evaluation of Bids:	
	The Institute may evaluate all the required goods/items in this tender together or independent depending upon nature of items & compatibility and compare the quotations determined to be substantially responsive i.e. which	
	a	are properly signed;
	b	Confirm to the eligibility criteria of the vendor; and
	c	Confirm to the terms & conditions, and technical specifications.
	d	In case, required goods/items in this tender are independent and complete in nature. Institute may evaluate independently as far as price is concerned for placing order(s).

10	Validity of Tender:				
	a	The tender shall be valid as mentioned at IMPORTANT INFORMATION AT GLANCE sheet. Terms and financial details submitted in the bid shall be treated as firm during the validity period.			
	b	In exceptional circumstances, prior to the expiry of the bid validity period, the purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing.			
11	Notification of Award:				
	a	Prior to the expiry of the period of bid validity, the purchaser shall notify the successful bidder, in writing, that its bid has been accepted. The notification letter shall specify the sum that the purchaser will pay to the bidder in consideration of the supply of equipments, installation, testing & commissioning.			
	b	Purchaser may issue purchase order in the name of OEM on the request of bidder with a copy to bidder.			
	c	As far as foreign currency quote is concerned, Purchaser may issue Purchase order is dual currency i.e. foreign currency and Indian Rupees based on bidder request. This request may be considered to meet local expenditure in Indian Rupees.			
	d	The successful Bidder shall, within a week from the date of receipt of communication of acceptance of quotes from purchaser shall intimate his acceptance of the order.			
	e	Bidder is required to provide complete pre-installation advice regarding electric power and other requirement along with acceptance of Purchase order so that installation requirement can be fulfilled before supply of equipment.			
12	Performance Security Deposit:				
	The bidder is required to submit Performance Security in the form of DD/FDR/RTGS/NEFT/BG/Bank Deposit after installation of material along with the bill to the Institute as per slab mentioned below:				
	Order/ Contract Value		PSD Rate	PSD Period	
	Less than 2.50 Lakhs		NIL	Warranty period plus two months extra	
	Between 2.50 lakhs to 25.00 Lakhs		5% of TenderValue rounded off in nearest in 100 rupees.		
	a	Purchaser's Bank Account details:			
		Account Name	Bank Name	A/c No.	IFS Code
		Director MANIT Bhopal	State Bank of India	10020150107	SBIN0001608
	b	In case of breach of contract, performance security shall be forfeited and the bidder shall be blacklisted for such period as decided by the competent authority in addition to cancellation of order.			
	c	Performance Security shall be returned to the bidder without any interest, whatsoever, after completion warranty period as specified in the tender.			
13	Penalty Clause:				
	a	The bidder shall indicate the period within which the ordered quantity will be supplied along with Installation & Commissioning of Goods/ Items. The bidder shall note that in case bidder fails to do so within the period of delivery indicated by the bidder in price bid of this tender, penalty @ 0.50 % on total value of the PO per week of delay would be levied subject to maximum 20 weeks. It means, the bidder shall have the liability of delayed supply to the			

		maximum of 20 weeks after expiry of scheduled delivery date.
14	Terms of Payment:	
	a	The Payment shall be made within 30 days by purchaser after supply and installation of Goods/ Items.
15	Jurisdiction:	
	a	In the event of any dispute the legal matter shall be subjected to the jurisdiction of Bhopal court only.
16	Details of Contact Persons for Query if any	
Name		Dr. N. Jayanth
Designation		Assistant Professor
Tel No		9159990673
Email		jayanthnagaraj@gmail.com

मौलानाआज़ादराष्ट्रीय प्रौद्योगिकीसंस्थान, भोपाल
Maulana Azad National Institute of Technology Bhopal

<p style="text-align: center;">सामग्री की मात्रा एवंविवरण BILL OF QUANTITY AND SPECIFICATION</p>			
SN	Name of Product/ Items	Quantity	Remarks
1	<p>Automation Studio, developed by Famic Technologies, is a software suite for designing, simulating, and documenting automation systems across various domains. It's used for creating digital twins of systems, enabling simulation and analysis of hydraulic, pneumatic, electrical, and PLC-based systems.</p> <p>Key Features and Specifications:</p> <ul style="list-style-type: none"> - Multi-domain Simulation: Automation Studio supports simulation across multiple engineering domains, including hydraulics, pneumatics, electrical, and PLCs. - Digital Twin Creation: Users can create digital twins of real-world systems, allowing for simulation and analysis of their behavior. - User-Friendly Interface: The software features a graphical user interface with drag-and-drop functionality for easy design and component manipulation. - Component Libraries: Automation Studio provides extensive libraries of pre-configured components for various technologies, enabling rapid design. - Custom Component Creation: Users can create their own custom components and libraries to tailor the software to specific needs. - Real-time Simulation: The software offers real-time simulation capabilities, allowing for dynamic analysis of system behavior. - Fault Simulation: Users can simulate and analyze faults within the system to test its robustness and reliability. - PLC Programming and HMI Integration: Automation Studio supports PLC programming and integration with Human-Machine Interfaces (HMIs). - Report Generation: The software can generate comprehensive reports, including bill of materials, 3D data, and other project details. - 3D Visualization: Automation Studio includes 3D visualization capabilities for enhanced understanding of system behavior. - Educational Edition: An educational edition is available, offering features like remote access and customizable libraries for learning and teaching. - Communication: Automation Studio supports OPC connectivity for communication with external devices and 	01	

	<p>systems.</p> <ul style="list-style-type: none"> - Standard Compliance: Libraries for hydraulics and pneumatics comply with ISO 1219-1:1991/2012 and 1219-2:1991/2012 standards. - Virtual Systems: It provides 2D and 3D virtual systems, including pre-built examples like conveyor belts, traffic lights, and more, using Unity 3D CAD software. - Customizable Libraries: Users can create their own libraries of components, and there are also pre-configured libraries for various components. - Remote Access: The educational edition allows for remote access, making it ideal for e-learning environments. - Connecting to Real Devices: It supports connection to real PLCs (like Allen Bradley, Siemens, etc.) and other devices through OPC, enabling interaction with physical hardware. - Troubleshooting Capabilities: Students can introduce faults into systems, modify parameters, and observe the impact on system behavior, aiding in troubleshooting skills development. - Measuring Instruments: The software allows for the integration of virtual measuring instruments to visualize parameters like pressure, flow, temperature, etc., enhancing understanding of system behavior. - Animation and Simulation: Dynamic animations and simulations help visualize how components and systems function, making it easier to grasp complex concepts. - Bill of Materials and Documentation: Automation Studio can generate a dynamic bill of materials and allows for the insertion of links to documents, videos, and other resources to enhance learning. - Manufacturer Catalogs: Access to manufacturer-specific component catalogs allows for realistic system design. - PLC Programming: It supports PLC programming using Ladder Logic and other standards, and allows for the creation of HMI and control panels. - Cross-Section Animations: Cross-section animations help visualize the internal workings of components, improving understanding of their function. 		
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NB: Drawing/ Design is enclosed herewith.

We confirm with our acceptance to the technical specification as given above		
Date:		BIDDER'S NAME & SIGNATURE WITH SEAL

		ANNEXURE- II
FORMAT FOR SUBMISSION OF BID PRICE		
To, The Director MANIT- Bhopal- 462 003		

Sub:	Tender Document No: dated
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SN	Product Description with make & Model	Discounted unit price	Qty	Qty Price	GST	Total Price
1	2	3	4	5	6	7(5+6)
1						
2						
Total offered Price						
Total (In Words):						
Delivery Period required:						
The followings things are confirmed and undertaken by us that:						
a	The price quoted above are inclusive of basic price, statutory levies and taxes, duties, Transportation, Incidental services (including Insurance, Loading/ unloading, Packing & Forwarding charges, Installation etc.) at site.					
b	Taxes are subject to change/ revision.					
c	We agree with the terms and conditions specified in “Instructions to Bidders” and if selected, the execution of supplies would be made in compliance.					

Date:	Signature of Authorized Bidder with proper rubber stamp
	Name:
	Designation:
	Mobile No: