

मौलाना आज़ाद राष्ट्रीय प्रौद्योगिकी संस्थान भोपाल Maulana Azad National Institute of Technology Bhopal (भारत सरकार, शिक्षामंत्रालय के अधीन राष्ट्रीय महत्वका संस्थान) (An Institution of National Importance under MoE, Govt. of India)			
			
संमित निविदा पृच्छताछ LIMITED TENDER ENQUIRY			
सामग्री / वस्तुकानाम Name of Goods/Items		Wax Injection Machine	
Website	www.manit.ac.in	Fax No:	0755-2670562
Email Address:	info@manit.ac.in	Telephone No:	0755-4051000, 0755-4052000

अनुक्रमणिका / INDEX		
क्रमांक S No	विवरण/ Description	पृष्ठ क्रमांक Page No.
1	निविदा आमंत्रण सूचना Notice Inviting Tenders	03
2	एक नजर में महत्वपूर्ण जानकारी Important Information at a Glance	04
3	बोलीदाता के लिए निर्देश Instructions to Bidders	05-08
4	संलग्नक- I वस्तु की मात्रा एवंविवरण ANNEXURE-I-- Bill of Quantity and Specifications	09-11
5	संलग्नक- II मूल्य बोली का प्रारूप ANNEXURE-II-- Price Bid Form	12

मौलाना आज़ाद राष्ट्रीय प्रौद्योगिकी संस्थान, भोपाल	
Maulana Azad National Institute of Technology Bhopal	
(भारत सरकार, शिक्षामंत्रालय के अधीनराष्ट्रीय महत्वका संस्थान)	
(An Institution of National Importance under MoE, Govt. of India)	
No. MANIT/MME/2025: 007	दिनांक / Date: 12/11/2025
निविदाआमंत्रण सूचना	
NOTICE INVITING TENDERS	
सामग्री / वस्तुकानाम Name of Goods/Items	Wax Injection Machine
उपरोक्त सामग्री / वस्तु के लिए निविदाएँ आमंत्रित की जाती हैं। इच्छुक निर्माता/अधिकृतभागीदार/ एंजेंसियाँ, अधिक जानकारी के लिए संस्थान के वेबसाइट www.manit.ac.in और CPPP वेबसाइट www.eprocure.gov.in/epublish/app पर लागू-इन कर सकती हैं। निविदा दस्तावेज डाउन लोड कर विधिवत रूप से उप-कुलसचिव (भण्डार एवं क्रय) मौलाना आज़ाद राष्ट्रीय प्रौद्योगिकी संस्थान, भोपाल-462003 जमा किया जा सकता है। सम्पूर्ण निविदा मय दस्तावेज प्रस्तुत करने की अंतिम तिथि 03/12/2025 अपरान्ह 12.00 बजे तक है। संस्थान निदेशक, बिना कोई कारण बताए किसी या संपूर्ण निविदा को पूर्ण या आंशिक रूप से स्वीकार या अस्वीकार करने का अधिकार सुरक्षित है।	
	कुलसचिव
Tenders are invited for aforesaid Goods/ Items. Interested Manufacturers/Authorized Partner/Agencies 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 03/12/2025 _ 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 नजर में महत्वपूर्ण जानकारियाँ		
IMPORTANT INFORMATION AT A GLANCE		
निविदा क्रमांक एवं दिनांक Tender No & Date		No. MANIT/ MME/2025: 007 Date: 12/11/2025
निविदाकार्यक्षेत्र / SCOPE OF TENDER		
सामग्री / वस्तुकासंक्षिप्तविवरण Brief Description of Goods/Items	संख्या Quantity	टिप्पणी Remarks
Wax Injection Machine	01	संलग्नक- Iपरविस्तृतविवरण Detailed Specification at Annexure-I
निविदा की अनुमानितलागत Estimated cost of Tender	Rs. 708000/-(Seven lakh eight thousand only)	
आपूर्ति एवंस्थापनाकास्थान Location of Supplies & Installation	Materials and Metallurgical Engineering Deptt.	
निविदादस्तावेजकीउपलब्धता 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	03/12/2025__ up to 12:00 hours	
निविदा खुलने की दिनांक एवं समय Date & Time of Opening of Bids	03/12/2025__ 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	08 to 10 weeks from the date of issue of Supply Order	
वारंटीअवधि Warranty Period	01 year (s) from the date of successful Installation & Commissioning of equipments/ items	
बोलीसुरक्षा / बयानाराशि Bid Security/ EMD	As per slab mentioned in the document.	
निष्पादनसुरक्षाराशि 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	No option(s) regarding price of Goods/ Items shall be entertained in the price bid. Bidder should quote the price of only one best & appropriate model of Good/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 offered product 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	Bidder may be asked to supply sample of offered product/item before supply in bulk quantities.
	g	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
	h	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 interested for complete delivery of equipments along with Installation, Testing and Commissioningwithin the period as mentioned at IMPORTANT INFORMATION AT GLANCE sheet.However, the bidder has an option to submit the best delivery with 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 the 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.
4	Eligibility Criteria:	
	a	Bidder/OEM 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/ OEM must have supplied Goods/ Items in last three years to Central/State government/ Quasi-Government organization/ Public listed company in India. Copies of Three same/similar product/Equipment Purchase Order (PO) Without erasing Consideration Price shall be attached.
	c	Bidder / OEM 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	OEM Authorization Letter
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 TenderValue rounded off in nearest in 100 rupees.
	a	Purchaser's Bank Account details:
		Account Name
		Bank Name
		Bank A/c No.
		Bank IFS Code
		Director MANIT Bhopal
		State Bank of India
		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 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 what so ever 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 offline offer through Single bid system for this tender. The tender must be placed in a properly sealed envelope super-scribed “Tender for the Supply of Wax Injection Machine .” 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 Envelop should be consisting of followings:
	a	Copy of Certificate of Registration of firm, GST Number and Income Tax PAN.
	b	Proof of submission of EMD amount
	c	Copy of Purchase Order (PO) received from government shall be attached.
	d	Certificate mentioning of Turnover for the last year and Bidder / 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 Goods/ Items with the details of selected location.			
	b	Purchase/ Contract order shall preferably be issued in favour of bidder. Bidder may request in advance for issuance of Purchase/ Contract order in favour of OEM of product. In this case billing and payment shall be made to OEM only.			
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	Bank A/c No.	Bank 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		Rakesh kumar Singh		Dr .Ramesh Ku. Nayak	
Designation		Junior Assistant		Associate Professor	
Tel No		09893144171		8763724080	
Email				rameshkumarnayak@gmail.com	

मौलानाआज़ादराष्ट्रीय प्रौद्योगिकीसंस्थान, भोपाल
Maulana AzadNational Institute of Technology Bhopal

सामग्री की मात्रा एवंविवरण
BILL OF QUANTITY AND SPECIFICATION

SN	Name of Product/ Items	Quantit y	Remark s																														
	Supply of Wax Injection Machine The Vertical Wax injection machine will be used for making wax pattern for investment casting products. <table><tr><th>Sr. No .</th><th>Particulars</th><th>Description</th></tr><tr><td>1</td><td>Types Of Machines</td><td>Vertical Down Stroke Clamping, Vertical Injection, Plc Controlled Semi-Automatic Wax Injection Press.</td></tr><tr><td>2</td><td>Dia Clamping Force</td><td>03 Ton and above</td></tr><tr><td>3</td><td>Table Size (Lxb)</td><td>550 X 550 mm Minimum</td></tr><tr><td>4</td><td>Nozzle Tip</td><td>10 mm Spherical Radius</td></tr><tr><td>5</td><td>Dwell Time</td><td>0 To 999 Sec/Min/Hr</td></tr><tr><td>6</td><td>Single Shot</td><td>≥7000 CC</td></tr><tr><td>7</td><td>Open Daylight</td><td>400 Mm Adjustable as Per Your Die Height.</td></tr><tr><td>8</td><td>Temp. Control</td><td>Independent Pid Controllers for Tank, Chamber & Heated Hose Temp. Sunbeam Type Controllers For Nozzle.</td></tr><tr><td>9</td><td>Auto Sequence</td><td>Push To Auto Starts - Clamp Down - Injection & Timer On Timer Off. Timer Off Clamp Up.</td></tr></table>	Sr. No .	Particulars	Description	1	Types Of Machines	Vertical Down Stroke Clamping, Vertical Injection, Plc Controlled Semi-Automatic Wax Injection Press.	2	Dia Clamping Force	03 Ton and above	3	Table Size (Lxb)	550 X 550 mm Minimum	4	Nozzle Tip	10 mm Spherical Radius	5	Dwell Time	0 To 999 Sec/Min/Hr	6	Single Shot	≥7000 CC	7	Open Daylight	400 Mm Adjustable as Per Your Die Height.	8	Temp. Control	Independent Pid Controllers for Tank, Chamber & Heated Hose Temp. Sunbeam Type Controllers For Nozzle.	9	Auto Sequence	Push To Auto Starts - Clamp Down - Injection & Timer On Timer Off. Timer Off Clamp Up.	01	
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	10	Melting Tank	30 Ltrs. Capacity With Motorized Stirrer, Slip Couplings, Drain Valve, Annular Tube Type Reservoir And Double Heater. Insulated With Ceramic Fiber.		
	11	Total Electric Load	4 kw (Max.)		
	12	Die Mounting	T - Slots In Lower Plate & Clamp Fixture For Die Hold.		
	13	Working Table Height	880 mm From Floor.		
	14	Over All Dimension (Lxbxh)	1250x1300x2450mm		
	15	Work Table Size (L X B)	≥1200x800 mm		
	16	Nozzle Centre	280mm and as per the machine		
	17	Wax Filling	By Vacuum		
	18	Machine Cycle	Auto / Manual		
	19	Wax. Temperature Source	Electric Heaters (No Need of Water and Thermic Oil)		
	20	Hydraulic Reservoir	80 Ltr minimum		
	21	Hydraulic Pump	Variable Flow & Pressure Yuken Make.		
	22	Seals	Viton & Pu Material		
	23	Fixture For Horizontal Die, Auto Die (Optional)	Detachable Fitting on Table Top with Easy Fitting, All Hydraulics with Fittings Include Clamp Force 5 Ton And Mold Ejector Hydraulic Include.		
	24	Nc Control	Nc Control Will Be Beneficial		

	25	Wax change mechanism and temp. control	Auto wax change between cycles, 3 Zones of temperature control		
	26	Daylight	Adjustable daylight		
	27	Safety	High temperature alarm/shutdown, Low noise and power saver system		
	28	Consumables	100 Ltr. wax must be supplied with the equipment as consumables 50Kg aerospace grade wax must be supplied for trials during training. One Aluminium die (design of the cavity will be provided) during order and it is required during installation and training. (Maximum size of the die 12inchx 12-inch x 12 inch(approx.). Any other consumable required during installation and training must be provided by the bidder or supplier.		
	29	Warranty	≥ 1 year		

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 dated 00/00/2024.				
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 undertake by us that:						
a	The price quoted above are inclusive of statutory Levies & Taxes, Duties, Transportation and other charges (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 as per bill of Quantity & Specification.					
Date:		Signature of Authorized Bidder with proper rubber stamp				
		Name:				
		Designation:				
		Mobile No:				