

मौलाना आज़ाद राष्ट्रीय प्रौद्योगिकी संस्थान भोपाल
 Maulana Azad National Institute of Technology Bhopal
 (भारत सरकार, शिक्षा मंत्रालय के अधीन राष्ट्रीय महत्व का संस्थान)
 (An Institution of National Importance under MoE, Govt. of India)



सीमित निविदा पूछताछ

LIMITED TENDER ENQUIRY

सामग्री / वस्तु का नाम

Name of Goods/Items

Pressure Ageing Vessel

Website

www.manit.ac.in

Fax No:

0755-2670562

Email Address:

info@manit.ac.in

Telephone No:

0755-4051000, 0755-4052000

अनुक्रमणिका / INDEX

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<p>मौलाना आज़ाद राष्ट्रीय प्रौद्योगिकी संस्थान, भोपाल</p> <p><i>Maulana Azad National Institute of Technology Bhopal</i></p> <p>(भारत सरकार, शिक्षा मंत्रालय के अधीन राष्ट्रीय महत्व का संस्थान)</p> <p>(An Institution of National Importance under MoE, Govt. of India)</p>					
No. MANIT/CE/2025-26/1A	दिनांक / Date: 10/02/2026				
<p>निविदा आमंत्रण सूचना</p> <p>NOTICE INVITING TENDERS</p>					
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">सामग्री / वस्तु का नाम</td> <td style="width: 70%;">Pressure Ageing Vessel</td> </tr> <tr> <td>Name of Goods/Items</td> <td></td> </tr> </table>		सामग्री / वस्तु का नाम	Pressure Ageing Vessel	Name of Goods/Items	
सामग्री / वस्तु का नाम	Pressure Ageing Vessel				
Name of Goods/Items					
<p>उपरोक्त सामग्री / वस्तु के लिए निविदाएँ अमंत्रित की जाती हैं। इच्छुक निर्माता/अधिकृत भागीदार/ एंजेन्सियाँ, अधिक जानकारी के लिए संस्थान के वेबसाईट www.manit.ac.in और CPPP वेबसाईट www.eprocure.gov.in/epublish/app पर लाग-इन कर सकती हैं। निविदा दस्तावेज डाउनलोड कर विधिवत रूप से उप-कुलसचिव (भण्डार एवं क्रय) मौलाना आज़ाद राष्ट्रीय प्रौद्योगिकी संस्थान, भोपाल – 462003 जमा किया जा सकता है।</p>					
<p>सम्पूर्ण निविदा मय दस्तावेज प्रस्तुत करने की अंतिम तिथि 03/03/2026 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।</p>					
<p style="text-align: right;">कुलसचिव</p>					
<p>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.</p>					
<p>Last date of submission of complete tender document is 03/03/2026 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.</p>					
<p>Registrar</p>					

मौलाना आज़ाद राष्ट्रीय प्रौद्योगिकी संस्थान, 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/CE/2025-26/ Date: 16/01/2026
निविदा का कार्यक्षेत्र/SCOPE OF TENDER		
सामग्री/वस्तु का संक्षिप्त विवरण Brief Description of Goods/Items	संख्या Quantity	टिप्पणी Remarks
Pressure Ageing Vessel	01	संलग्नक— । पर विस्तृत विवरण Detailed Specification at Annexure-I
निविदा की अनुमानित लागत Estimated cost of Tender		Rs. 28,20,200.00
आपूर्ति एवं स्थापना का स्थान Location of Supplies & Installation		Civil Engineering Department at Institute
निविदा दस्तावेज की उपलब्धता Availability of Tender Document		www.manit.ac.in www.eprocure.gov.in/epublish/app
निविदा जमा करने के अंतिम दिनांक एवं समय Last Date & Time of Submission of Tender		03/03/2026 up to 12:00 hours
निविदा खुलने की दिनांक एवं समय Date & Time of Opening of Bids		03/03/2026 at 15:00 hours
निविदा वैधता 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 06 weeks from the date of issue of Supply Order
वारंटी अवधि Warranty Period		Two year (s) from the date of successful Installation & Commissioning of equipments/ items
बोली सुरक्षा/बयाना राशि Bid Security/ EMD		As per slab mentioned in the document.
निष्पादन सुरक्षा राशि Performance Security Amount		As per slab mentioned in the document

बोलीदाता के लिये निर्देश/अनुदेश / INSTRUCTIONS TO BIDDERS	
1	Scope of Supplies & Work:
	<p>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.</p> <p>b Bidder should supply illustrated leaflet giving technical details of Goods/ Item and attach the same with the tender to facilitate evaluation.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>g Bidder may be asked to supply sample of offered product/item before supply in bulk quantities. Data Sheet of the products offered in the bid are to be attached along with bid documents.</p> <p>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</p> <p>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.</p>
2	Delivery of Supplies & Installation:
	<p>a The purchaser interested for complete delivery of equipments along with Installation, Testing and Commissioning within the period as mentioned at IMPORTANT INFORMATION AT GLANCE sheet. However, the bidder has an option to submit the best delivery with installation time.</p>

	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.									
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/OEM must have supplied Same/Similar 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 with price and quantity.									
	c	Bidder should have minimum annual turnover (Double value of estimated cost of tender) in last three years. 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:										
	<table border="1"> <thead> <tr> <th>Tender Value</th> <th>EMD Rate</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>Less than 2.50 Lakhs</td> <td>NIL</td> <td></td> </tr> <tr> <td>Between 2.50 lakhs to 25.00 Lakhs</td> <td>2% of Tender Value rounded off in nearest in 100 rupees.</td> <td></td> </tr> </tbody> </table>		Tender Value	EMD Rate	Remarks	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.	
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	a	Purchaser's Bank Account details:									
		<table border="1"> <thead> <tr> <th>Account Name</th> <th>Bank Name</th> <th>Bank A/c No.</th> <th>Bank IFS Code</th> </tr> </thead> <tbody> <tr> <td>Director MANIT Bhopal</td> <td>State Bank of India</td> <td>10020150107</td> <td>SBIN0001608</td> </tr> </tbody> </table>	Account Name	Bank Name	Bank A/c No.	Bank IFS Code	Director MANIT Bhopal	State Bank of India	10020150107	SBIN0001608	
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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 offered 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 Pressure Ageing Vessel. " 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 of last three years 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 <i>Supply of Goods/ Items</i> with the details of selected location.								
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:									
	<table border="1"> <thead> <tr> <th>Order/ Contract Value</th> <th>PSD Rate</th> <th>PSD Period</th> </tr> </thead> <tbody> <tr> <td>Less than 2.50 Lakhs</td> <td>NIL</td> <td rowspan="2">Warranty period plus two month extra</td> </tr> <tr> <td>Between 2.50 lakhs to 25.00 Lakhs</td> <td>5% of Tender Value rounded off in nearest in 100 rupees.</td> </tr> </tbody> </table>		Order/ Contract Value	PSD Rate	PSD Period	Less than 2.50 Lakhs	NIL	Warranty period plus two month extra	Between 2.50 lakhs to 25.00 Lakhs	5% of Tender Value rounded off in nearest in 100 rupees.
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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.								
	Penalty Clause:									
13	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.								
	Terms of Payment:									
14	a	The Payment shall be made within 30 days by purchaser after supply and installation of Goods/ Items.								
	Jurisdiction:									
15	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. Pritikana Das								
Designation		Assistant Professor								
Tel No		8449715401								
Email		pritikana.das@gmail.com								
Name		Name: Susan Shally								
Designation		Designation: S.A								
Tel No		Tel No: 07554051232								
Email		Email: susanshally7@gmail.com								

ANNEXURE-I

मौलाना आज़ाद राष्ट्रीय प्रौद्योगिकी संस्थान, भोपाल

Maulana Azad National Institute of Technology Bhopal

सामग्री की मात्रा एवं विवरण

BILL OF QUANTITY AND SPECIFICATION

S. No.	Name of Product/ Items		Quantity	Remarks
1	S. no.	Technical specifications	01 No.	
1.	Pressure Ageing Vessel The pressure vessel shall be constructed in stainless steel and designed to operate at $2.1 \pm 0.1 \text{ MPa}$ between 90 and 110°C with dimensions adequate to hold ten PAV pans and a pan holder. The pan holder shall be capable of holding ten PAV stainless steel pans horizontal (level) position. The holder shall be designed for easy and removal from the vessel when the holder, pans, and asphalt binder are at the conditioning temperature.			interior in a insertion
2.	The pressure vessel shall withstand maximum pressure of 2.5 MPa , however it shall be equipped with a safety over-pressure release valve which releases the pressure at 2.4 MPa .			
3.	The pressure vessel shall be certified to ASME and CE.			
4.	The air pressure shall be monitored by a pressure transducer and digitally displayed, avoiding the need of pressure gauges on the instrument's case.			
5.	Asphalt binder placed in standard stainless steel pans and aged at the specified conditioning temperature for 20 h in a vessel pressurized with air to 2.10 MPa .			
6.	A pressure vessel with integral temperature control system that is capable of bringing the loaded pressure vessel to the desired conditioning temperature $\pm 0.5^\circ\text{C}$ within 2 hours recorded by the RTD inside the loaded pressure vessel and maintaining the temperature within the pressure vessel at the ageing temperature $\pm 0.5^\circ\text{C}$.			
7.	A strip chart recorder or other data acquisition system capable of recording temperature throughout the ageing process to $\pm 0.1^\circ\text{C}$, As an alternative, an electronic device capable of reporting only maximum and minimum temperatures (accurate to $\pm 0.1^\circ\text{C}$) may be used.			
8.	The instrument shall feature an over temperature limit switch which turns off the heating elements at up to 150°C .			
9.	The instrument shall be equipped with an efficient heating system allowing the test temperature to be achieved in just one hour.			
10.	The instrument shall feature programmable pre-heating functions (up to 60°C) for time optimization			
11.	The instrument shall have the following safety features: • Electrically locked top cover, to avoid direct exposure of the			

		<p>pressure vessel during the test.</p> <ul style="list-style-type: none"> Forced ventilation cooling system allowing quick cooling of sample rack and to avoid accidental burns. 60°C pre-heating limit to avoid accidental burns during sample rack positioning. Over temperature limit switch. Over pressure relief valve. 		
12.		The control of the instrument shall be performed using a digital colour touch screen display, reclining for operator comfort.		
13.		The user-friendly software allows the operator to view the vessel temperature and pressure in real time, both as set targets and actual values, with a high rate of refresh. It is also possible to view, in real time, the temperature and pressure graphs.		
14.		Data logs of both temperature and pressure are saved on USB stick or transferred to PC at the end of the test.		
15.		Capable of operating at 230 V, 50 Hz or 110 V, 60 Hz.		
16.		Temperature and pressure calibrations performable by the user.		
17.		The instrument shall be connectable to a network, for remote monitoring of the test status from PC, Tablet or Smartphone.		
18.		It should be supplied complete with PAV pan, rack etc.		

We confirm with our acceptance to the technical specification as given above.

Date:		BIDDER'S NAME & SIGNATURE WITH SEAL
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				ANNEXURE-II		
		FORMAT FOR SUBMITTION OF BID PRICE				
To,						
The Director						
MANIT- Bhopal- 462 003						
Sub:						
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	Pressure Ageing Vessel		01 No.			
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:				