मौलाना आज़ाद राष्ट्रीय प्रौद्योगिकी संस्थान भोपाल
Maulana Azad **N**ational **I**nstitute of **T**echnology Bhopal
(भारत सरकार, शिक्षा मंत्रालय के अधीन राष्ट्रीय महत्व का संस्थान)
(An Institution of National Importance under MoE, Govt. of India)

निविदा आमंत्रण सूचना
NOTICE INVITING TENDERS

सामग्री / वस्तु का नाम / Name of Goods/Items **USRP N 310**

Website	www.manit.ac.in	Fax No:	0755-2670562
Email Address:	info@manit.ac.in	Telephone No:	0755-4051000, 0755-4052000

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

No. MANIT/ECE/2026: 03 दिनांक / Date: 15-10-2026

निविदा आमंत्रण सूचना

NOTICE INVITING TENDERS

सामग्री / वस्तु का नाम
Name of Goods/Items **USRP N 310**

उपरोक्त सामग्री / वस्तु के लिए निविदाएँ अमंत्रित की जाती हैं। इच्छुक निर्माता / अधिकृतभागीदार / एंजेन्सियाँ हों वे संस्थान की वेबसाईट www.manit.ac.in और CPPP वेबसाईट www.eprocure.gov.in/eprocure/app पर अधिक जानकारी के लिये लाग–इन कर सकते हैं। निविदा दस्तावेज डाउनलोड कर विधिवत रूप से सहायक 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 10-11-2026 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।

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/ eprocure/app for further details. Tender Document can be downloaded and the duly completed be submitted to the Assistant Registrar(Stores & Purchase) Maulana Azad National Institute of Technology- Bhopal- 462003.

Last date of submission of complete tender document is 10-11-2026 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.

Registrar

मौलानाआज़ादराष्ट्रीय प्रौद्योगिकीसंस्थान, भोपाल

Maulana Azad National Institute of Technology Bhopal

एक नजरमेंमहत्वपर्णूजानकारियॉ		
IMPORTANT INFORMATION AT A GLANCE		
निविदाक्रमांक एवंदिनांक Tender No & Date	No. MANIT/ECE/2026:03 Date: 15/10/2026_____	
निविदा का कार्यक्षेत्र/SCOPE OF TENDER		
सामग्री/वस्तुकासंक्षिप्तविवरण Brief Description of Goods/Items	संख्या Quantity	टिप्पणी Remarks
USRP N 310	1	संलग्नक– I परविस्तृतविवरण Detailed Specification at Annexure-I
निविदा की अनुमानितलागत Estimated cost of Tender	Rs. 24,00,000/-	
आपूर्ति एवंस्थापनाकास्थान Location of Supplies & Installation	ECE Department at Institute	
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	**10/11/2026 up to 12:00 hours**	
निविदा खुलने की दिनांक एवं समय Date & Time of Opening of Bids	**11/11/2026 at 15:00 hours**	
निविदावैधता की अवधि Tender Validity period	**90 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	
वारंटीअवधि Warranty Period	01 year (s) from the date of successful Installation & Commissioning of equipment/ items	
बोलीसुरक्षा/बयानाराशि Bid Security/ EMD	2% of the tender value	
निष्पादनसुरक्षाराशि Performance Security Amount	5% of the contract value	

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 **product datasheet** 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 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.
	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	Start-ups as recognized by Department for Promotion of Industry and Internal Trade (DPIIT), claiming EMD exemption and relaxation in turnover & experience 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 interested for complete delivery of equipments along with Installation, Testing and Commissioning **and Training** 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.
	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 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 same or similar Goods/ Items in last three years to Central /State government / Quasi-Government organization/ Public listed company in India. Copies of Purchase Order (PO) **pertaining to the past 03 financial years shall be attached with price & quantity.**
	c	i. Bidder should have minimum average annual turnover (50% of value of estimated cost of tender) in last three years. CA certification **of Turnover and** Audited P&L Statement in this regard is to be submitted. ii. OEM should have minimum average annual turnover (Four times the value of estimated cost of tender) in last three years. CA certification and Audited P&L Statement in this regard is to be submitted. **In case of foreign OEM, the condition of 400% T.O. may be relaxed.**
	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 @2% of the estimated tender value 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.	

Tender Value	**EMD Rate**	**Remarks**
Below 5.00 Lakhs	NIL	
5.00 Lakhs & Above	2%	

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	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	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.
	c	The bidders are advised not to indicate any separate discount. Discount, if any, should be merged with the quoted unit prices.
	d	The price quoted in price bid shall be firm but subject to change in rate of applicable taxes if any.
	e	The Bidder should avoid the use of vague term such as "Extra as applicable". Such offers shall be treated as non-responsive.
	f	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 **two bid system *"for the Supply of* "USRP N 310.**" with tender inquiry number and its due date addressed to The Director, Maulana Azad National Institute of Technology-Bhopal- 462003 and on or before as mentioned at IMPORTANT INFORMATION AT GLANCE sheet. The documents 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 @5% of the contract value in the form of DD/FDR/RTGS/NEFT/BG/Bank Deposit after installation of material along with the bill to the Institute.

Order/ Contract Value	PSD Rate	PSD Period
Below 5.00 Lakhs	NIL	Warranty period plus two month extra
5.00 Lakhs & Above	5%	

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 R M Yadav	Dr Rahul Pal
Designation	**Superintendent**	**Assistant Professor**
Tel No	**0755-4051525**	**78970-69515**
Email	rmyadav@manit.ac.in	rahulpal@manit.ac.in

ANNEXURE- I

मौलाना आज़ाद राष्ट्रीय प्रौद्योगिकी संस्थान, भोपाल
Maulana Azad **N**ational **I**nstitute of **T**echnology Bhopal

सामग्री की मात्रा एवं विवरण
BILL OF QUANTITY AND SPECIFICATION

Item: USRP N310 – 1no.

Technical Specification:

Frequency Range	10 MHz--6 GHz
Instantaneous Bandwidth	100 MHz
Number of Channels	4 Tx/ 4 Rx
Transmission Modes	Full Duplex MIMO
ADC/DAC	16-bit/14-bit
Maximum Sampling Rate	61.44 MS/s per RF channel
FPGA	Xilinx Zynq-7100 SoC or equivalent
Frequency Reference	Internal reference with support for external 10 MHz reference and 1 PPS synchronization
Synchronization Support	Support for MIMO synchronization and external timing/reference signals
Host Interface	Dual 10 Gigabit Ethernet (10 GbE) SFP+ ports and one 1 Gigabit Ethernet (1 GbE) management port
Software Support	Compatible with UHD, GNU Radio, MATLAB/Simulink, Python, C/C++, and LabVIEW
Operating System Support	Windows and Linux
Accessories	Power supply, Ethernet cables, and necessary RF accessories
Warranty	02 years
Training	On-site installation, commissioning, and user training shall be provided.

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 SUBMITTION OF BID PRICE

To, The Director MANIT- Bhopal- 462 003	

Sub:	Tender Document No: No. MANIT/ECE/2026:03, dated 15-10-2026

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	**USRP N310** and detailed specifications at annexure-I		1			
					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 and Taxes, Duties, Transportation, and other charges (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 as per bill of Quantity & Specification.

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