



राष्ट्रीय प्रौद्योगिकी संस्थान मणिपुर
NATIONAL INSTITUTE OF TECHNOLOGY MANIPUR

Imphal, Manipur, Ph.(0385) 2058566 / 2445812

E-mail : director@nitmanipur.ac.in , Website : www.nitmanipur.ac.in

An Autonomous Institute under Ministry of Education, Govt. of India.

No. NITM.13/(18-ECE)/5G-Lab/2023/R-521

Imphal, the 19th August, 2024

TENDER FOR WI-FI AND LAN NODES FOR 5G LAB., DEPT. OF ECE.

National Institute of Technology Manipur invites sealed rate quotation from reputed firms for Wi-Fi and LAN nodes for 5G Lab., Dept. of ECE listed at **Annexure-II** under two bids systems (Technical bid and Financial bid).

Interested firms are required to submit the sealed rate quotation in the Prescribed Form along with required documents under two bids systems (Technical bid and Financial bid). The complete tender documents and terms & conditions are available in the institute web-site <http://www.nitmanipur.ac.in>.

The sealed Tender superscribed as '**TENDER FOR WI-FI AND LAN NODES FOR 5G LAB., DEPT. OF ECE**' along with **Advt. No. in bold letters at the top of the envelope** should reach to 'The Registrar, National Institute of Technology Manipur, Langol, Imphal – 795004' on or before **3.00 p.m. of 10/09/2024**. Tender will be opened on **11/09/2024 at 2:00 p.m.** in the Institute's Conference Hall in presence of the tenderer(s) or their authorized representative(s), who are present at the scheduled date and time.

Note: Any addendum/corrigendum/notifications will be published in the Institute website: www.nitmanipur.ac.in.

Sd/-
(Prof. Kh. Tomba Singh)
Registrar, NIT Manipur



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TERMS & CONDITIONS

1. The tenderers are required to submit Earnest Money Deposit of **Rs. 10,000/- (Rupees ten thousand) only** which is refundable and a non-refundable tender fee of **Rs. 1,000/- (Rupees one thousand) only** in the form of Demand Draft/Banker's Cheque in favour of Director, NIT Manipur payable at State Bank of India, Secretariat Branch, Imphal should be submitted along with the Tender documents. Tenders without EMD and Tender Fee will be rejected. The EMD of successful/unsuccessful tenderers shall be returned without interest.
2. The rates should be written in English both in figures and words without any corrections or over writing. Any over writing or rewriting should be duly countersigned. Using of pencil will be ignored/rejected.
3. Tenders should be submitted in two parts, **(i) Part – I (Technical Bid) & (ii) Part – II (Financial Bid)**. Envelope of Part – I should be superscripted as '**Technical Bid for Wi-Fi and LAN nodes for 5G Lab., Dept. of ECE**' and Envelope of part – II should be superscripted as '**Financial Bid for Wi-Fi and LAN nodes for 5G Lab., Dept. of ECE**'.
4. Envelopes of technical bid & financial bid should be individually sealed and placed in third envelope to be sealed and **superscribed as 'Tender for 5G Lab. Wi-Fi and LAN nodes' along with Advt. No. in bold letters at the top of the envelope**. Incomplete or those received without Tender Fee, EMD and after due date and time shall be summarily rejected. National Institute of Technology Manipur reserves the right to extend the date, or cancel the tender, accept or reject any/all quotations or not to purchase all or any of the items without assigning any reason thereof.
5. Interested firms are requested to submit their tender papers, as per **Annexure-I, Annexure-II & Annexure-III** quoting the best rate/price.
6. No tender will be entertained by E-mail or FAX.
7. In the event of the due date of receipt and opening of the tender being declared as a holiday for the Institute, the due date of receipt/opening of the tender will be the next working day at the same time.
8. The tenderers are requested to read the tender document carefully and ensure to comply with all the instructions herein. Non-compliance of the instructions contained in this document may disqualify the tenderer from the tendering exercise.
9. Payment shall be made only after Installation and Commissioning of the materials/articles in good and working conditions.
10. Installation of the equipment at site will be done by the supplier without any additional cost to the purchaser.
11. The bidders should not be blacklisted by any Government/Semi Government/Private Institute.
12. PAN No., GSTIN No. should be enclosed.
13. Delivery is to be made within 30 days from the date of issue of purchase order and at your cost at NIT, Manipur, Langol.

Sd/-
(Prof. Kh. Tomba Singh)
Registrar, NIT Manipur



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ANNEXURE – I

(TECHNICAL BID)

Format for Bidders' Organization Details

1	Name of the Firms	
2	Registered Office address Telephone Number Fax Number e-mail	
3	Correspondence address	
4	Details of Contact Person (Name, designation, address etc.) Telephone Number (including Mobile No) Fax Number, e-mail	
5	Name of the agency/firms If registered, please submit relevant document	
6	Former name of the Company, if any.	
7	GST Registration No.	
8	Annual Turnover during the last two financial year (Enclose copies of Audited Financial Statement) 2022-23 2023-24	
9	Valid Income Tax Clearance Certification/PAN, as the case may be, along with Certificates to prove payment of Govt. taxes / duties.	
10	Are you registered with any Government/ Department/ Public Sector Undertaking as Small Scale Industry (if yes, give details)	
11	Details of Tender Fee	
12	Details of EMD	

Signature of authorized person with seal



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ANNEXURE – II

(FINANCIAL BID)

Price Bid Format

Bill of Material for Wi-Fi Setup with 40 no LAN nodes at 5G Lab.

S N	Specification(s)	Qty	Rate per unit (Rs)	GST (%)	Sub-Total (Rs)
	NETWORKING EQUIPMENTS (Active Components)				
1	NETWORK SWITCH : 24-Port Switch with 24x 10/100/1000 PoE+ ports, Managed Switch with 4 dedicated SFP ports, 384W PoE budget (24 IEEE 802.3at PoE+ Ports, providing up to 30W of DC power through each port) and up to 720W with additional Power Supply, Warranty - 3 years.	2			
2	Indoor Wireless AP WiFi 6 : Dual-band 802.11abgn/ac/ax Wireless Access Points, 2x2:2 streams (2.4GHz/5GHz) OFDM & OFDMA, MU-MIMO, 802.3af PoE support. Throughput - 5 GHz : 122 Mbps, 2.4 GHz : 600 Mbps, Interface : One 100/1000/2.5GBASE-T Gigabit Ethernet (RJ-45) ports with Auto Uplink™ (Auto MDI-X) supporting IEEE 802.3af or 802.3at Power over Ethernet (PoE), Includes Mounting Bracket . Warranty - 5 Years to be included from day 1.	3			
3	Equipment Rack 6U - Dual Section Wall Mount Rack : consisting Power adaptor with 10x 6/16 amp Universal Power Socket with MCB , Horizontal Cable manager, Fan tray with 2 FANs for ventilation, Hardware screw - pack of 40 nos, front glass door and rear Metal Door- both with locks and openable side panels, with Earthing Kit.	1			
4	2 KVA Online UPS for Rack : 2 U 19"" rack mountable: 2 kVA/1.6KW UPS with inbuilt SMF 4 x 9AH battery. Input voltage range 100 to 290 V AC, IGBT based, true online, dual conversion type. EPO & ECO mode facility, DG set compatibility, LCD display, programmable power management outlets, SNMP, USB, RS- 232 communication, Noise level 50 dB max, EMI EN62040/2;2006, safety EN 2040-1-1;2003, performance IEC/EN 62040/3, CE BIS, ISO 140001 for the UPS.	1			
	UTP Cables and Accessories: (Passive Components)				
5	Cat6 UTP 23 AWG Cable, LSZH, roll of 305m,	2 boxes			
6	24 port unloaded patch panel	3 nos			
7	CAT6 UTP RJ45 Jack with strain relief boot at Patch Panel end complete with IO Box.	40 nos			
8	NPC CAT 6, UTP Patch Cord, LSZH, YL, 1M	40 nos			
9	NPC CAT 6, UTP Patch Cord, LSZH, YL, 2M	40nos			
	Installation Pulling and termination of UTP Cables, which would include following materials and work :				
a	Installation and Commissioning of LAN networks and wifi setup				
b	Supply and fixing of PVC Conduit-25 mm (maximum cable run to be 2)	100 mtrs			
c	Pulling of UTP Cables inside PVC Conduit - per meter	100 mtrs			
d	Termination of 24-Port Patch Panel	2 nos			
e	Termination Information Outlets / RJ 45 plugs.	40 nos			
Grand total (Rs) with GST					

(Rupees.....(in words)

Signature of authorized person with seal



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ANNEXURE - III

**DECLARATION REGARDING BLACKLISTING / DEBARRING FOR TAKING PART
IN TENDER.**

I / We hereby declare that
the agency/firm namely M/s. has not been
blacklisted or debarred in the past by Union / State Government or organization from taking part
in Government tenders in India.

Name:.....

Signature:.....

Date:.....