

No. F5(705)ST/MNIT/CWN/2020

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M/s

NOTICE INVITING QUOTATIONS

1. REGISTRAR, MNIT, JLN Marg, Jaipur invites sealed tenders for the supply of “Access Switches” for NCDMM of this Institute in **Single bid system**. As per schedule given below

Event	Date & Time
Download of Tender	21.10.2020
Bid submission last date & time	10.11.2020 by 2.00 PM
Quotation will be opened at	10.11.2020 at 3.00 PM
Earnest Money	Rs.11,000/- (Kindly attached the RTGS details with cancelled cheque along with the Earnest Money)

Quotation must be enclosed in a properly sealed envelope addressed to the MNIT, Jaipur with kind attention to Deputy Registrar (S&P), MNIT, Jawahar Lal Nehru Marg, Jaipur -302017 by designation and not by name. The quotations must be super scribed “Quotations for the supply of **Access Switches** ----- as called for in Tender Notice No. ----- dated _____”DUE ON----- AT -----AM/PM. The Quotation must reach on or before --- ----AM/ PM on or before the due date and time mentioned in the tender notice/tender document. The documents must be dropped in the tender box available in Central Store during office hours (9.30am to 6.00pm) on all working days. Bids delivered to any other place or any individual shall not be considered as valid document. Quotations sent by e-mail will not be considered valid. Tender documents may be downloaded from institute’s web site **www.mnit.ac.in** and CPPP site **https://eprocure.gov.in/epublish/app**

2. **THE RATES QUOTED SHOULD BE F.O.R. JAIPUR** inclusive of all charges e.g. packing, forwarding, transit insurance, for outside firms and free delivery at Institute stores in the case of local firms. The rates may also be quoted separately "ex-godown/F.O.R. dispatching station. In case of Ex-Godown rates, please mention your packing and forwarding charges.
3. As far as possible, quotations should be given for goods of India manufacture which are readily available. Foreign goods quoted and proposed to be supplied should be covered by normal import quota of the dealer. This institute is exempted from payment of custom duty.
4. Detailed specifications and "make" of each item should be clearly given supported by the illustrated pamphlets wherever possible. Quotations without specifying the make and other particulars may be rejected. The accessories included in the equipment should also be clearly mentioned.
5. Losses or damage in transit will be in to the account of the supplier in case of rates **F.O.R. JAIPUR**. The supplier may, if he so desires, get the goods insured and include such charges in the tendered rate.

6. The payment for the ordered items would be made after the articles have been received and found in order. **Payment will be made by RTGS. Kindly send the RTGS details and cancelled cheque along with the Invoice. The payment to foreign supplier will be made through FDD/Wire Transfer OR Letter of Credit as the case may be.**
7. Your rates should be valid at least for three months from the last date of opening of bid.
8. All legal proceedings, if necessity arises to institute may be any of the parties (Institute or Contractor/Supplier) shall have to be lodged in the courts situated at Jaipur and not elsewhere.
9. The institute is not bound to accept the lowest tender and may reject any tender or any part of the tender giving justification for such an action.
10. The rates must be quoted item-wise by giving Serial No. of our enquiry letter.
11. The quotations should preferably be sent duly typed.
12. (a) The Penalty Clause is as under :-

Should the tenderer fail to deliver the goods within the period specified in the tender form the Institute may, at its discretion, allow an extension in time subject to recovery from the tenderer as agreed liquidated damages, and not by way of penalty, a sum equal to the percentage of the value of stores which the tenderer has failed to supply for period of delay as stated below: -

(i)	Delay up to one month	1%
(ii)	Delay exceeding one month but not exceeding two month	2%
(iii)	Delay exceeding two month but not exceeding three month	5%
(iv)	Delay exceeding three month	5% for each month and part there of subject to maximum 10%

- (b) In case of failure to supply the goods within the prescribed time and in accordance with the specifications give in the Quotations, the institute shall be free to cancel the order and make purchases from the next higher tenderer or from the open market as the case may be. In that case the loss sustained by the institute shall be recovered from the defaulting supplier. The institute will be at liberty to recover the loss from the permanent earnest money/or any other pending claims of the supplier without prejudice to its general right to affect recovery from the supplier.
13. EARNEST MONEY: A Demand Draft/Banker's Cheque or Bank Guarantee of Rs. 11,000/- from a Commercial bank only in the name of the Registrar, M.N.I.T. and payable at Jaipur may please be sent along with your tender as Earnest Money **without which no tender shall be considered. Cheques are not accepted as earnest money amount.** No interest is paid by us on the amount of earnest money. **Kindly attach the RTGS details with cancelled cheque along with the Earnest Money.**
14. While submitting the tender, the **GST Registration No., PAN & E-mail Address** is to be mentioned by the bidder positively. Failing this, their bid will be treated as non responsive. & Kindly provide

15. The Institute reserves the right to modify the quantity specified in this enquiry.
16. The quotation should be duly signed by an authorized person of the firm. The name and status of the signatory should be clearly to indicated, UNSIGNED QUOTATIONS WILL BE LIABLE FOR REJECTION.
17. **Performance Bank guarantee**
Successful Bidder has to Provide Performance security @ 10% of the equipment cost, valid for 03 Year + 60 days in the form of Bank's Guarantee from a commercial bank within 15 days from the date of issue our Purchase Order.
18. Specification Enclosed.

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48 port PoE Access Switch Specifications Qty : 01 Nos

Supply, configuration and installation of fully populated/loaded network switch as per following specifications.

S. No	Required Minimum Specification	
1	General Features	The switch should have a minimum of 48 nos. 10/100/1000 base T Ethernet Ports.
		The switch should have minimum of 4 SFP+ ports with LR-SM transceivers of same OEM.
		The switch should have at least 52 usable ports at time (4 SFP+ ports and 48 copper ports).
2	Performance Scalability and	The switch should have 176 Gbps or more switching bandwidth/capacity with stacking.
		The switch should have 130 Mpps or more forwarding rate/Throughput.
		The switch should have 2GB or more flash memory.
		The switch should have 1GB or more DRAM.
		The switch should support 4096 or more VLANs.
		The switch should support 9K or more jumbo frames size.
3	Dimension and Environmental	The switch should be 1rack unit in size (height = 4.4cm).
		The switch should support Operating temperature 0° to 45°C.
		The switch should support Operating relative humidity 15% to 85%.
4	Power Supply	The switch should support redundant power supply.
		The switch should supply with 6 Amp Indian socket power cable.
5	FAN	The switch should have at least one fan unit/module.
	Industry Standards	The switch should support IEEE 802.1D.
		The switch should support IEEE 802.1p.
		The switch should support IEEE 802.1Q.
		The switch should support IEEE 802.1s.
		The switch should support IEEE 802.1w.
		The switch should support IEEE 802.1x.
		The switch should support IEEE 802.1AB.
		The switch should support IEEE 802.3ad.
		The switch should support SNMP v1, v2, v3.
6	Basic Layer-3 Protocol	The switch should support static routing
		The switch should support RIPv1,v2
		The switch should support OSPF protocol
7	Layer-2 Features	The switch should have minimum 16K MAC address support.
		The switch should support IGMP filtering.
		The switch should support discovery of the neighbouring device of the same vendor
		The switch should support Voice VLAN
8	Quality of Service (QoS) & Control	The switch should support Command Line Interface (CLI).
		The switch should have 10/100 Base T management port.
9	Management	The switch should support software upgrades.
		The switch should support Serial Console Port

		The switch should support Simple Network Time Protocol (SNTP)
10	Warranty	The switch should have at least 3 year OEM warranty.

24 port PoE Access Switch Specifications Qty : 01 Nos		
Supply, configuration and installation of fully populated/loaded network switch as per following specifications.		
S. No	Required Minimum Specification	
1	General Features	<ol style="list-style-type: none"> 1. The switch should have a minimum of 24 nos. 10/100/1000 base T POE, POE+ Ethernet Ports. 2. The switch should have minimum of 4 SFP+ ports with LR-SM transceivers of same OEM. 3. The switch should have at least 28 usable Ports at a time (4 SFP+ ports and 24 copper ports)
2	Performance and Scalability	<ol style="list-style-type: none"> 1. The switch should have 128 Gbps or more switching bandwidth/capacity. 2. The switch should have 90 Mpps or more forwarding rate/ Throughput. 3. The switch should have 2GB or more flash memory. 4. The switch should have 1GB or more DRAM. 5. The switch should support 1024 or more VLANs. 6. The switch should support 9K or more jumbo frames size.
3	Dimension and Environmental	<ol style="list-style-type: none"> 1. The switch should be 1 rack unit in size. 2. The switch should support Operating temperature 0° to 45°C. 3. The switch should support Operating relative humidity 10% to 85%.
4	Power Supply	<ol style="list-style-type: none"> 1. The switch should support redundant power supply 2. The switch should supply with 6 Amp Indian socket power cable.
5	FAN	<ol style="list-style-type: none"> 1. The switch should have at least one fan (inbuilt or external).
6	Industry Standards	<ol style="list-style-type: none"> 1. The switch should support IEEE 802.1D spanning tree protocol (STP). 2. The switch should support IEEE 802.3af POE 3. The switch should support IEEE 802.3at POE+ 4. The switch should support IEEE 802.1p multicasting. 5. The switch should support IEEE 802.1Q trunking. 6. The switch should support IEEE 802.1s multiple spanning tree protocol (MSTP). 7. The switch should support IEEE 802.1w rapid spanning tree protocol (RSTP). 8. The switch should support IEEE 802.1x port-based network access control (PNAC) 9. The switch should support IEEE 802.1AB link layer discovery protocol (LLDP). 10. The switch should support IEEE 802.3ad link aggregation control protocol (LACP) 11. The switch should support SNMP v1, v2c, and v3
7	Basic Layer-3 Protocol	<ol style="list-style-type: none"> 1. The switch should support Ipv4/Ipv6 static routing. 2. The switch should support RIPv1,v2 3. The switch should support OSPF protocol
8	Layer-2 Features	<ol style="list-style-type: none"> 1. The switch should have minimum 16K MAC address support. 2. The switch should support IGMP filtering.

		3. The switch should support discovery of the neighbouring device of the same vendor for helping in troubleshooting connectivity problems.
		4. The switch should support Voice VLAN to simplify IP telephony installations by keeping voice traffic on a separate VLAN
		5. The switch should support stacking/ Virtual chassis Technology to allow at least 5 switches as a single logical device.
9	Quality of Service (QoS) & Control	1. The switch should support Command Line Interface (CLI).
		2. The switch should have 10/100 Base T management port.
10	Management	1. The switch should support software upgrades.
		2. The switch should support Serial Console Port
		3. The switch should support Port security to secure the access to an access or trunk port based on MAC address.
		4. The switch should support Simple Network Time Protocol (SNTP) for time synchronization.
11	Warranty	The switch should have at least 3 year OEM warranty.
12	Make	1. Cisco/Extreme/Juniper/HP

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