



Govt. of Bihar
MUZAFFARPUR INSTITUTE OF TECHNOLOGY,
MUZAFFARPUR, BIHAR – 842003
(Under the Department of Science & Technology, Govt. of Bihar, Patna)

Notice. No.:890/TEQIP-III

Dated: 19/10/2019

Notice

M.I.T. Muzaffarpur is in the process of procuring Network Switch under TEQIP-III Scheme. Detail specification are as follows.

Package Name: MITM/INSTITUTIONAL/Lan Network


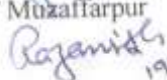
Package Code: TEQIP-III/2019/BH/MITM/138

S.No.	Item	Specification	Quantity
01	48 port Ethernet switch	<p>Forty-eight 10/100/1000 Ethernet ports</p> <ul style="list-style-type: none">● Four mini Gigabit Interface Converter (mini-GBIC) slots (shared with four Ethernet ports) for fiber Gigabit Ethernet expansion● Dual images for resilient firmware upgrades● 96-Gbps nonblocking, store-and-forward switching capacity● Simplified QoS management using 802.1p, differentiated services (DiffServ), or type of service (ToS) traffic prioritization● Power redundancy when used with the Cisco RPS1000 380W Redundant Power Supply Unit● Fully resilient stacking provides optimized growth with simplified management● ACLs for granular security and QoS implementation● Configuration and monitoring from a standard web browser● Secure remote management of the switch via Secure Shell (SSH) and SSL encryption● 802.1Q-based VLANs enable segmentation of networks for improved performance and security● Private VLAN Edge (PVE) simplifies network isolation of guest connections or autonomous networks● Automatic configuration of VLANs across multiple switches through Generic VLAN Registration Protocol (GVRP) and Generic Attribute Registration Protocol (GARP)● User/network port-level security via 802.1X authentication and MAC-based filtering● Increased bandwidth and added link redundancy with Link Aggregation Control Protocol (LACP)● Enhanced rate-limiting capabilities, including back pressure and multicast, broadcast, and flood control● Port mirroring for noninvasive monitoring of switch traffic● Jumbo frame support up to 10 KB● Simple Network Management Protocol (SNMP) versions 1, 2c, and 3 and Remote Monitoring (RMON) support● Fully rack mountable using included rack-mounting hardware● Mac table Size: 8000<ul style="list-style-type: none">● 256 active VLANs (4096 range)● Port-based and 802.1Q tag-based VLANs, protocol-based VLAN, management VLAN, multicast TV VLAN, PVE, GVRP●HOL blocking prevention	03

02	24 port Ethernet switch	<p>Forty-eight 10/100/1000 Ethernet ports</p> <ul style="list-style-type: none"> ● Four mini Gigabit Interface Converter (mini-GBIC) slots (shared with four Ethernet ports) for fiber Gigabit Ethernet expansion ● Dual images for resilient firmware upgrades ● 96-Gbps nonblocking, store-and-forward switching capacity ● Simplified QoS management using 802.1p, differentiated services (DiffServ), or type of service (ToS) traffic prioritization ● Power redundancy when used with the Cisco RPS1000 380W Redundant Power Supply Unit ● Fully resilient stacking provides optimized growth with simplified management ● ACLs for granular security and QoS implementation ● Configuration and monitoring from a standard web browser ● Secure remote management of the switch via Secure Shell (SSH) and SSL encryption ● 802.1Q-based VLANs enable segmentation of networks for improved performance and security ● Private VLAN Edge (PVE) simplifies network isolation of guest connections or autonomous networks ● Automatic configuration of VLANs across multiple switches through Generic VLAN Registration Protocol (GVRP) and Generic Attribute Registration Protocol (GARP) ● User/network port-level security via 802.1X authentication and MAC-based filtering ● Increased bandwidth and added link redundancy with Link Aggregation Control Protocol (LACP) ● Enhanced rate-limiting capabilities, including back pressure and multicast, broadcast, and flood control ● Port mirroring for noninvasive monitoring of switch traffic ● Jumbo frame support up to 10 KB ● Simple Network Management Protocol (SNMP) versions 1, 2c, and 3 and Remote Monitoring (RMON) support ● Fully rack mountable using included rack-mounting hardware ● Mac table Size: 8000 <ul style="list-style-type: none"> ● 256 active VLANs (4096 range) ● Port-based and 802.1Q tag-based VLANs, protocol-based VLAN, management VLAN, multicast TV VLAN, PVE, GVRP ● HOL blocking prevention 	01
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Interested suppliers/bidders are required to give the following information/documents on principal@mitmuzaffarpur.org latest by 24.10.2019:05:00PM, so that invitation for bidding process can be initiated through PMSS.

1. Supplier Name :
2. Address(With Pin Code):
3. Contact Person Name :
4. E-Mail-ID:
5. Mobile No.:
6. TIN/GST No.
7. PAN No.


 Principal
 MIT Muzaffarpur

 19/10/2019