Agency for New and Renewable Energy
Research and Technology
INDENT FOR PROCUREMENT OF EQUIPMENT/MATERIAL/ITEM

1.	File Number	
2.	Description of the Equipment/Material/Item (Attach technical Specification and any special Requirements)	1. 8 Port Gigabyte switch 2. Managed Ethernet Switch ,24 Port Gigabit Ethernet (Specification Attached)
3.	Quantity Required	1 each
4.	Programme/Scheme under which this Purchase is proposed	Infrastructure upgrade
5.	Estimate cost (including all taxes)	52,000 /-
6.	Head of Account	2810-00-800-99-07-35-00
7.	Availability of funds (this may be ascertained from the Finance Section)	Yes
8.	Has this item been include in the Budget?	Yes
9.	If so, the details may please be furnished	As per items 4 and 6 above
10.	If this item is not included in the budget, how this expenditure is proposed to be met	
11.	Expected delivery period	4 weeks

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31/10/2022   NARENDRA NATH VELURI I F S, CEO ANERT

Minimum Specifications for Ethernet Managed Switch

Ports

24 ,10/100/1000 PoE+ ports with 150W power budget

4 Gigabit SFP

Form factor	Rack-mountable
DRAM	512MB
CPU	800 MHz ARM
Flash	256MB
RJ-45 Ports	24 x Gigabit Ethernet
USB slot	USB Type-A slot on the front panel of the switch for easy file and image management
DoS prevention	Denial-of-Service (DOS) attack prevention
LEDs	System, Link/Act, PoE, Speed
Packet-Switching Capacities	1.5 MB
Throughput	50 Mpps
Data link protocol	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab , IEEE 802.3x
Hardware stack	Up to four units in a stack. Up to 208 ports managed as a single system with hardware failover
Congestion avoidance	prevent global TCP loss synchronization
DHCP Server	IPv4 DHCP server serving IP addresses for multiple DHCP pools/scopes Support for DHCP options
Troubleshooting	Remote Switched Port Analyzer (RSPAN)
MAC table	16K addresses
Security	Secure Shell (SSH) Protocol ,Secure Sockets Layer (SSL).
Preferred make	Cisco, Juniper or equivalent
Warranty	3 year on-site, comprehensive

Note: all specification for the quoted device should be verifiable on the manufacturer's website.

Minimum Specifications for 8-port Ethernet switch

Items	Minimum specification
Port	8 10/100/1000Mbps RJ45 ports
Form factor	Wall mount
Number of PoE and Power	4 PoE ports with 52Watts
Switching Capacity	16 Gbps
Flash Memory	16 Mbytes
Warranty	3-year on-site, comprehensive