

PUBLICATION 1207-2016
 BANGLADESH RURAL ELECTRIFICATION BOARD (BREB)
 PEOPLES REPUBLIC OF BANGLADESH
 STANDARD FOR
 SWITCH & ACCESSORIES

"২০১৭-১৮"

(a). Switch Managed, 24-Ports 10/100Base-TX, Layer-2 Switch:

Brand	Internationally Reputed Brand
Model	To be Mentioned by bidder
Country of origin	To be Mentioned by bidder
Type	Managed, Layer-2
Product/Performance Specifications:	
Ports	24-ports 10/100 Base-T with support for 2 Combo Gigabit Ethernet ports
MAC Address Table size	Minimum (10 – 16) K MAC
Memory Buffer	24 Kbytes per 10/100Mbps port, 96 Kbytes per 1000Mbps port.
Switch Capacity	Minimum. 56 Gbps Capacity
Transmission Method	Store-in forward
Throughput	Min. 41Gbps
Memory	128 MB;
VLANs	Supports upto 4096 VLAN Groups
Jumbo Frames	Minimum 9K (9216) bytes
Interface:	
RJ-45	10 Base-T, 100Base-TX & 1000Base-T, Cables: UTP cat-5/cat-6
Network Management:	
In Band & Out of Band	Telnet, CLI/console, RMON, Web-based HTTP, SNMP compatible & port mirroring
Electrical and Electrical Emissions:	
Emissions	FCC Class A, CE Class A
Power Supply	100-240 VAC, 50/60 Hz Internal universal power.
Safety Agency Certifications:	
Safety	CSA, NRTL/C
Environmental:	
Temperature	Operating: 0 – 50 C (32 – 122 F)
Storage	-25 – 55 C (-13 – 131 F)
Humidity	Operating 5% - 95%
Warranty	01 (one) year spare part and 02(two) years Free service.



[Handwritten Signature]

" ২২৭৫ : ১০

BREB ITEM:SWI-1

b) Switch Unmanaged, 24-Ports 10/100Base-TX, Layer-2 Switch:

Brand	Internationally Reputed Brand
Model	To be Mentioned by bidder
Country of origin	To be Mentioned by bidder
Type	UnManaged, Layer-2
Product/Performance Specifications:	
Ports	24 10/100/1000 Mbps LAN Ports
Mount Type	Rack Mount
MAC Address Table size	Min. 8K
Jumbo Frames	Minimum 9216 bytes
Switch Capacity/ Fabric	Min. 48 Gbps switching fabric
Transmission Method	Store-in forward
Interface:	
RJ-45	10Base-T, 100Base-TX & 1000Base-T, Cables: UTP cat-5/cat-6
Electrical and Electrical Emissions:	
Emissions	CE Class B
Power Supply	100-240 VAC, 50/60 Hz Internal or universal power.
Warranty	01 (one) year

(C). Network Accessories

1. UTP Cable	Cat-6, Brand: Internationally Reputed Brand
2. Connector	RJ-45, Brand: Internationally Reputed Brand
3. Moduler	Wall Mounted Single port Complete set. Brand: Internationally Reputed Brand
4. Warranty	3 Years (01 year Full. 2nd & 3rd year service only).



Handwritten signature

"স্বাক্ষর: ৯"

PUBLICATION 1211-2016
BANGLADESH RURAL ELECTRIFICATION BOARD (BREB)
PEOPLES REPUBLIC OF BANGLADESH
STANDARD FOR ROUTER

Router (Type 1):

Brand	International Reputed Brand.
Model	To be Mentioned by bidder
Country of origin	To be Mentioned by bidder
CPU Speed	Minimum 680 MHz
RAM/Memory	Minimum 256 MB DDR SDRAM onboard memory
Boot loader	RouterBoot
Data Storage	512MB onboard NAND memory chip
Ethernet	Five 10/100/1000 Mbit/s Gigabit Ethernet
Serial Port	One DB9 RS232C asynchronous serial port
LEDs	Power and User LED
Beeper	Present
Power	Power over Ethernet: 14...28V
Temperature	Operational : -20°C to +65°C
Power Consumption	Operational : up to 70% relative humidity
Warranty	3 Years.



(Handwritten signature)