



GOVERNMENT OF WEST BENGAL
DEPARTMENT OF PANCHAYATS & RURAL DEVELOPMENT
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NOTICE INVITING QUOTATION NO.: 02 /LAN-SWITCH of 2020-21

Date: 16.09.2020

Sealed quotations are invited from bonafide and reputed firm having profound experience in networking job on Windows based Computer set - up for supply of **Two Number of Layer 2 Switch[One 48 Port and One 24 Port]** compatible with existing Network System with structured cabling through Fiber Module at **Gandhi Bhavan campus of this institute**, subject to strict compliance of the requirements specified below.

Recommended specifications for 48 and 24 port Layer 2 Switch compatible with existing Fiber Module

Approved Make- CISCO/HP/ALCATEL LUCENT/JUNIPER

Sl. No.	Specification	Compliance Yes /No	Remarks
1	I/O ports and slots:- 24 RJ-45 autosensing 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T); Duplex: 10BASE-T/100BASE-TX: half or full;1000BASE-T: full only 2 SFP 100/1000 Mbps ports (IEEE 802.3z Type 1000BASE-X, IEEE 802.3u Type 100BASE-FX)		
2	Physical characteristics ,Dimensions- 17.42(w) x 9.69(d) x 1.73(h) in (44.25 x 24.61 x 4.39 cm) (1U height),Weight-6 lb (2.72 kg)		
3	Memory and processor-ARM Cortex-A9 @ 400 MHz, 256 MB SDRAM, 64 MB flash; packet buffer: 1.5 MB		
4	Mounting and enclosure-Mounts in an EIA standard 19-inch telco rack or equipment cabinet (hardware included)		
5	Performance- 100 Mb Latency < 7μs, 1000 Mb Latency < 2μs,Throughput-Up to 38.6 Mpps (64-byte packets),Routing/Switching capacity 52 Gbps,Routing table size 32 entries, MAC address table size-8000 entries,		
6	Reliability MTBF (years) 80.0		
7	Environment Operating temperature-32°F to 104°F (0°C to 40°C), Operating relative humidity 15% to 95%, noncondensing @ 104°F (40°C),Nonoperating/Storage temperature --40°F to 158°F (-40°C to 70°C), Nonoperating/Storage relative humidity 15% to 95%, noncondensing @ 140°F (60°C), Altitude up to 10,000 ft (3 km) , Acoustic Pressure: 0 dB No Fan,		
8	Electrical characteristics-Frequency 50/60 Hz, AC voltage 100 - 127/200 - 240 VAC, Current .5/.3 A , Maximum power rating 15.7 W, Idle power 11.6 W,		
9	Safety-UL 60950-1; IEC 60950-1; EN 60950-1; CAN/CSA-C22.2 No. 60950-1; EN 60825-1		
10	Emissions-VCCI Class A; CNS 13438; ICES-003 Issue 5,Class A; FCC CFR 47 Part 15, Class A; EN 55032: 2015/CISPR-32		
11	Management Web browser; SNMP Manager		

Rates must be quoted in Letter Head with the all necessary papers given below:

1. GST Registration No 2. Photocopy of PAN Card3. Bank Account Details with Bank Code4. Mobile No.

