

**Quotation Notice**  
**University of Calicut**  
(Purchase Division)

71209/PURCHASE-ASST-A1/2018/Admn

Calicut University

13.08.2018

Sealed quotations are invited by the Registrar, University of Calicut for the purchase of 24 -port Gigabit Unmanaged Switch and Cat 6 cable patch cord as per the specifications and quantity given in the schedule below. The rates quoted should include taxes and all other charges including charges for delivery of the articles at the place mentioned in the schedule below:

Quotation Number	71209/PURCHASE-ASST-A1/2018/Admn dated 13.08.2018
Last date and Time for the receipt of Quotation	30.08.2018. 4 PM
Date and Time for opening the Quotation	31.08.2018. 11 AM
Designation and address of the officer to whom the quotation is to be addressed	Deputy Registrar Purchase Division, University of Calicut, PIN - 673635
Superscription	Quotation for the purchase of 24-port Gigabit Unmanaged Switch and Cat 6 cable patch cord

The necessary superscription, due date for the receipt of quotations, and the name and address of officer to whom the quotation is to be sent are noted above. Any quotation received after the time fixed on the due date is liable to be rejected. On acceptance of quotation the articles should be delivered within a period of 7 days.

**Schedule of items**

SI No	Item	Quantity
1	24-port Gigabit Unmanaged Switch	3 Nos
2	Cat 6 cable patch cord -5 meter	5 Nos
3	Cat 6 cable patch cord- 10 meter	5 Nos

**Specifications**

## 24 Port Gigabit Unmanaged Switch

### General

#### Number of Ports

- 24 10/100/1000 Mbps ports

#### Standards

- IEEE 802.3 10BASE-T
- IEEE 802.3u 100BASE-TX
- IEEE 802.3ab 1000BASE-T
- IEEE 802.1p Quality of Service (QoS)
- IEEE 802.3x Flow Control supported for full-duplex
- Auto-negotiation
- IEEE 802.3az Energy-Efficient Ethernet (EEE)

#### Data Transfer Rates

Ethernet: 10 Mbps/20 Mbps (half-duplex/full-duplex)

Fast Ethernet: 100 Mbps/200 Mbps (half-duplex/full-duplex)

Gigabit Ethernet: 2000 Mbps (full-duplex)

#### Network Cables

- Ethernet: 2-pair UTP Cat.3/4/5/5e, Unshielded Twisted Pair (UTP) Cable
- Fast Ethernet: 2-pair UTP Cat.5/5e, Unshielded Twisted Pair (UTP) Cable
- Gigabit Ethernet: 4-pair UTP Cat.5/5e, Unshielded Twisted Pair (UTP) Cab

FUNCTIONALITY

Security	<ul style="list-style-type: none"> <li>• Storm Control</li> </ul>
QoS (Quality of Service)	<ul style="list-style-type: none"> <li>• 802.1p priority</li> </ul>
	<ul style="list-style-type: none"> <li>• 8 queues</li> </ul>
Cable Diagnostics	<ul style="list-style-type: none"> <li>• Indicated through port LEDs</li> </ul>
Switching Features	
Protocol	<ul style="list-style-type: none"> <li>• CSMA/CD</li> </ul>
Switching Capacity	<ul style="list-style-type: none"> <li>• 48 Gbps</li> </ul>
Max. Forwarding Rate	<ul style="list-style-type: none"> <li>• 35.71 mpps</li> </ul>
Packet Buffer RAM	<ul style="list-style-type: none"> <li>• 512 KBytes per device</li> </ul>
Filtering Address Table	<ul style="list-style-type: none"> <li>• 8K MAC addresses per device</li> </ul>
Packet Filtering/Forwarding Rate	<ul style="list-style-type: none"> <li>• Ethernet: 14,880 pps per port</li> </ul>
	<ul style="list-style-type: none"> <li>• Fast Ethernet: 148,800 pps per port</li> </ul>
	<ul style="list-style-type: none"> <li>• Gigabit Ethernet: 1,488,000 pps per port</li> </ul>

MAC Address Learning	<ul style="list-style-type: none"> <li>• Self-learning, auto-aging</li> </ul>	
Forwarding Mode	<ul style="list-style-type: none"> <li>• Store-and-forward</li> </ul>	
Physical		
Indicator LEDs	<ul style="list-style-type: none"> <li>• Power LED (per device)</li> </ul>	
	<ul style="list-style-type: none"> <li>• Link/Activity/Speed LEDs (per port)</li> </ul>	
DIP Switch	<ul style="list-style-type: none"> <li>• Energy-Efficient Ethernet (EEE)</li> </ul>	
	<ul style="list-style-type: none"> <li>• Flow Control</li> </ul>	
	<ul style="list-style-type: none"> <li>• Port Isolation and Storm Control</li> </ul>	
AC Inputs	<ul style="list-style-type: none"> <li>• Internal universal power supply</li> </ul>	<ul style="list-style-type: none"> <li>• Internal universal power supply</li> </ul>
	<ul style="list-style-type: none"> <li>• 100~240 V AC; 50 to 60 Hz, 0.2 A max</li> </ul>	<ul style="list-style-type: none"> <li>• 100~240 V AC; 50 to 60 Hz, 0.3 A</li> </ul>
Maximum Power Consumption	<ul style="list-style-type: none"> <li>• 10.07W</li> </ul>	<ul style="list-style-type: none"> <li>• 13.3 W</li> </ul>
Standby Power Consumption	<ul style="list-style-type: none"> <li>• 3.02 W</li> </ul>	<ul style="list-style-type: none"> <li>• 4.4 W</li> </ul>
Maximum Heat Dissipation	<ul style="list-style-type: none"> <li>• 34.3 BTU/h</li> </ul>	<ul style="list-style-type: none"> <li>• 45.35 BTU/h</li> </ul>
MTBF	<ul style="list-style-type: none"> <li>• 1,882,372 hours</li> </ul>	<ul style="list-style-type: none"> <li>• 863,100 hours</li> </ul>
Acoustic Value	<ul style="list-style-type: none"> <li>• 0 dB(A) Fanless</li> </ul>	



Dimensions	<ul style="list-style-type: none"> <li>• 280 x 125 x 44 mm (11.02 x 4.92 x 1.73 inch)</li> </ul>	<ul style="list-style-type: none"> <li>• 280 x 180 x 44 mm (11.02 x 7.09 x 1.73 inch)</li> </ul>
Weight	<ul style="list-style-type: none"> <li>• 1.02 kg (2.25 lbs)</li> </ul>	<ul style="list-style-type: none"> <li>• 1.30 kg (2.87 lbs)</li> </ul>
Operating Temperature	<ul style="list-style-type: none"> <li>• 0 °C to 40 °C (32 °F to 104 °F)</li> </ul>	
Storage Temperature	<ul style="list-style-type: none"> <li>• -10 °C to 70 °C (14 °F to 158 °F)</li> </ul>	
Operating Humidity	<ul style="list-style-type: none"> <li>• 0% to 95% RH, non-condensing</li> </ul>	
Storage Humidity	<ul style="list-style-type: none"> <li>• 0% to 95% RH</li> </ul>	
Certifications		
Emission Certifications (EMI)	<ul style="list-style-type: none"> <li>• ICES-003 Class A</li> </ul>	<ul style="list-style-type: none"> <li>• CE Class A</li> </ul>
	<ul style="list-style-type: none"> <li>• FCC Class A</li> </ul>	<ul style="list-style-type: none"> <li>• VCCI A</li> </ul>
	<ul style="list-style-type: none"> <li>• RCM Class A</li> </ul>	<ul style="list-style-type: none"> <li>• CCC</li> </ul>
	<ul style="list-style-type: none"> <li>• BSMI Class A</li> </ul>	<ul style="list-style-type: none"> <li>• KCC</li> </ul>
Safety	<ul style="list-style-type: none"> <li>• cUL/UL</li> </ul>	<ul style="list-style-type: none"> <li>• CB</li> </ul>
	<ul style="list-style-type: none"> <li>• CE LVD</li> </ul>	<ul style="list-style-type: none"> <li>• BSMI</li> </ul>
	<ul style="list-style-type: none"> <li>• CCC</li> </ul>	
Warranty	Three-year warranty	

Terms and conditions

1. The successful bidder shall deliver the item within 7 days of the supply order.
2. The rate quoted should be inclusive of taxes and all other charges, including transportation.
3. The GST registration is mandatory for participants in the tender. The GST number shall be furnished with the quotation.
4. The bidder shall have presence in Kerala.
5. **All rules as per Kerala Stores Purchase Manual will be applicable to the quotation.**

#### **General Conditions:**

1. Acceptance of the quotation constitutes a concluded contract.
2. Withdrawal from the quotation after it is accepted or failure to supply within a specified time or according to specifications will entail cancellation of the order and purchases being made at the offerer's expense from elsewhere, any loss incurred thereby being payable by the defaulting party. In such an event, the University of Calicut reserves also the right to remove the defaulter's name from the list of Government suppliers permanently or for a specified number of years.
3. Samples, duly listed, should be forwarded, if called for, and the unapproved samples got back as early as possible by the offerers at their own expense and the University will in no case be liable for any expenses on account of the value of the samples or their transport charges, etc.. Quotations for the supply of materials are liable to be rejected unless samples, if called for, of the materials tendered for are forwarded.
4. No representation for enhancement of price once accepted will be considered during the currency of the contract.
5. Any attempt on the part of the tenderers or their agents to influence the Officers concerned in their favour by personal canvassing will disqualify the tenderers.
6. If any license or permit is required, tenderers must specify the same in their quotation, and also state the authority to whom application is to be made.
7. The quotation may be for the entire or part supplies.
8. (a) In cases where a successful tenderer, after having made partial supplies, fails to fulfill the contracts in full, all or any of the materials not supplied may, at the discretion of the Purchasing Officer, be purchased by means of another tender/quotation or by negotiation or from the next higher tenderer who had offered to supply already, and the loss, if any, caused to the University thereby shall together with such sums as may be fixed by the University towards damages be recovered from the defaulting tenderer. (b) Even in cases where no alternate purchases are arranged for the materials not supplied, the proportionate portion of the security deposit based on the cost of the materials not supplied at the rate shown in the tender of the defaulter shall be forfeited and balance alone shall be refunded. (c) Any sum of money due and payable to the contractor (including Security Deposit returnable to him) under this contract may be appropriated by the Purchasing Officer or University or any other person authorized by University and set-off against any claim of the Purchasing Officer or University for the payment of a sum of money arising out of or under any other contract made by the contractor with the Purchasing Officer or University or any other person authorized by the University.
9. The prices quoted should be inclusive of all taxes, duties, cess, etc., which are or may become payable by the contractor under existing or future laws or rules of the country of origin/supply or delivery during the course of execution of the contract.
10. (a) Ordinarily, payments will be made only after the supplies are actually verified and taken to stock. Bank charges incurred in connection with payment against documents through bank will be to the account of the contractor. The firms will produce stamped pre-receipted invoices in all cases where payments (advance/final) for release of railway receipts/shipping documents are made through



Banks. In exceptional cases where the stamped receipts of the firms are not received for the payments (in advance) the unstamped receipt of the Bank (i.e. counterfoils of pay-in-slips issued by the Bank) alone may be accepted as a valid proof for the payment made. (b) The tenderers shall quote also the percentage of rebate (discount) offered by them in case the payment is made promptly within fifteen days/within one month of taking delivery of stores.

11. Any sum of money due and payable to the successful tenderer or contractor from the University shall be adjusted against any sum of money due to the University from him under any other contracts.
12. The final acceptance of the tenders rests entirely with the University who do not bind themselves to accept the lowest or any tender. But, the tenderers on their part should be prepared to carry out such portion of the supplies included in their tenders as may be allotted to them.
13. Special conditions, if any, printed on the quotation sheets of the tenderer or attached with the tender will not be applicable to the contract unless they are expressly accepted in writing by the purchases.

Calicut University



Deputy Registrar (Purchase Division)