



POLICE



DEPARTMENT

KERALA

No. H5-158477/2025/PHQ

Police Headquarters,

Thiruvananthapuram

Vazhuthacaud

Pincode:695010

✉phq.pol@kerala.gov.in

☎04712721547

Dated. 24-06-2026

Quotation Notice No.26/2026

Sealed quotations are invited for the **Network Infrastructure for PCCR , PHQ at Bank House Building.**

The requirement is furnished below:-

Sl. No.	Description of Item	Qty	Unit
1	24 Port SFP L2+ Managed Network Switch with 10GE 4 SFP+ Slots (Detailed Specification has been given in Annexure)	1	No.
2	10G SFP Module	2	Nos.
3	4U Wall Mounted Network Rack	1	No.
4	32 mm HDPE Pipe with trenching, pipe laying, tile paving and restoration works	30	Mtr
5	20 mm ISI Medium Duty PVC Conduit with installation	30	Mtr
6	6 Core Optical Fibre Cable	70	Mtr
7	Installation and laying of Optical Fibre Cable	70	Mtr
8	LC-LC Fibre Patch Cord	2	Nos.
9	Fibre Termination Box	2	Nos.
10	10G SFP Module Media Converter	1	No.
11	Fibre Splicing Charges	6	Nos.

Annexure

24 Port L2+ Managed Network Switch with 10GE 4 SFP + Slots		
	Interface 24	10/100/1000Mbps RJ45 Ports



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General	CONSOLE	
	FLASH	Console 1 RJ45 Console Port, 1 Micro-USB Console Port
	DRAM	Flash 32 MB
	Port Standard	DRAM 256 MB
Performance	Switching Capacity	128 Gbps
	Packet Forwarding Rate	95.23 Mpps
	MAC Address Table	16K
	Transmission Method	Store and Forward
	Packet Buffer	12 Mbit
	Number of IP Interfaces	16
	Number of Static Routers	48 (IPv4, IPv6)
	Jumbo Frame	9 KB
Physical & Environment	Power Supply	100-240 V AC~50/60 Hz
	Max Power Consumption	23.6 W (110V/60Hz)
	Max Heat Dissipation	80.52 BTU/hr (110 V/60 Hz)
	Standby Power Consumption	8.67 W (110 V/60 HZ)
	Dimensions (W x D x H)	17.3 × 7.1 × 1.7 in (440 × 180 × 44 mm)
	Fan Quantity	Fan less
	Installation	Rack Mountable
	Operating Temperature	0 °C to 45 °C (32 °F to 113 °F)
	Storage Temperature	-40 °C to 70 °C (-40 °F to 158 °F)
	Operation Humidity	10% to 90% RH, non-condensing
	Storage Humidity	5% to 90% RH, non-condensing
	Certification	CE, FCC, RoHS
SDN Support	<ul style="list-style-type: none"> • Support Omada Hardware Controller (OC200/OC300), Software Controller, Cloud-Based Controller • Automatic Device Discovery • Batch Configuration • Batch Firmware Upgrading • Intelligent Network Monitoring 	



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	<ul style="list-style-type: none"> • Abnormal Event Warnings • Unified Configuration • Reboot Schedule • ZTP (Zero-Touch Provisioning)*
L3 Features	<p>16 IPv4/IPv6 Interfaces</p> <ul style="list-style-type: none"> • Static Routing <ul style="list-style-type: none"> - 48 static routes • Static ARP <ul style="list-style-type: none"> - 128 static entries • 512 ARP Entries • Proxy ARP • Gratuitous ARP • DHCP Server • DHCP Relay <ul style="list-style-type: none"> - DHCP interface relay - DHCP VLAN relay • DHCP L2 Relay
VLAN	<ul style="list-style-type: none"> • VLAN Group (802.1q VLAN) <ul style="list-style-type: none"> - Max 4K VLAN Groups • 802.1Q Tagged VLAN • MAC VLAN • Protocol VLAN: Protocol Template 16, Protocol VLAN 16 • Private VLAN • GVRP • VLAN VPN <ul style="list-style-type: none"> - VLAN Mapping - VLAN Replace • Voice VLAN
	<p>8 priority queues</p> <ul style="list-style-type: none"> • 802.1p CoS/DSCP priority • Queue scheduling <ul style="list-style-type: none"> - SP (Strict Priority) - WRR (Weighted Round Robin)



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QoS	<ul style="list-style-type: none"> - SP+WRR • Bandwidth Control - Port/Flow based Rating Limiting • Smoother Performance • Action for Flows - QoS remark (802.1P Remark, DSCP Remark)
ACL	<ul style="list-style-type: none"> • MAC ACL - Source MAC - Destination MAC - VLAN ID - User Priority - Ether Type • IP ACL -Source IP - Destination IP - Fragment - IP Protocol - TCP Flag - TCP/UDP Port - DSCP/IP TOS - User Priority • Combined ACL • IPv6 ACL • Policy - Mirroring - Redirect - Rate Limit - QoS Remark • ACL apply to Port/VLAN • Time-based ACL

General Conditions :

- The quotation should contain price of the items (including tax) and labour charges.
- The quotation should be submitted in envelop bearing the superscription “Quotation for Network Infrastructure ” and addressed to State Police Chief, Police Headquarters, Thiruvananthapuram.
- Intending suppliers may submit their quotation in their own letter head along with



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TIN/CST/GSTIN Number.

- **Last date of receipt of quotation is on 29.06.2026 at 11:00 AM.**
- Late quotations will not be accepted.
- Payment will be made only after the verification of the supplied items and the work.
- Advance payment will not be allowed



SUJITHDAS S
Assistant Inspector General
For Director General of Police-cum-State
Police Chief

To : The Official website of Kerala Police for publishing the Notice
Copy To : The Sub Inspector of Police, Tele C&C Lab PHQ for information and further necessary action.



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