Request for Quotations

	Tender	Description	Qty	Specs
1	RFQ 769-23	For supply and delivery of' 1. 1 M cat 6 fly leads Please provide data sheets with quotations/ a must	5000	SPECS ATTACHED BELOW THE TABLE

2	RFQ 770-23	For supply and delivery of
		   1. Trend net 8 Port Switches genuine/original
		   2. 24 Port POE switches genuine/ original
		Please provide data sheets with quotations/ a must
			1000
			40
				SPECS ATTACHED BELOW THE TABLE

3	RFQ 772-23	For supply and delivery of indoor access points including accessories and injectors: original/genuine Please provide data sheets with quotations/ a must	50	SPECS ATTACHED BELOW THE TABLE

Bidders with outstanding orders for any or similar of the above items will not be considered for supply for this tender.

TELONE RESERVES THE RIGHT TO INCREASE AND DECREASE QUANTITY

Please note that **only** bidders registered with **Procurement Regulatory Authority of Zimbabwe (PRAZ) shall** be considered.

(Please attach Proof of PRAZ registration in the specified category)

Closing date for ALL Tenders: On or before 11.00hrs Wednesday 14 June 2023

(Pricing MUST be strictly in ZWL unless requested otherwise or risk being automatically disqualified)

Your Tender should state the price (Please state your **VAT** status), a firm delivery date Emailed to **procurement@telone.co.zw**

- **Bidders should also be compliant with the new regulations for FISCAL TAX INVOICE where necessary.**
- **Each tender should be put in separate envelops, tenders should not be mixed on one quotation.**

RFQ 770-23

<u>**DETAILED SPECIFICATION**</u>

<u>**24 port POE Switch**</u>

Total 10/100/1000 or Multigigabit copper ports	24 POE+
Default AC power supply	715W AC
Available PoE power	445W
Cisco StackWise-480	Yes
Cisco StackPower	Yes
Default power supply	PWR-C1-715WAC-P/2
Switching capacity	208 Gbps on 24-port Gigabit Ethernet model
Stacking bandwidth	480 Gbps
Total number of MAC addresses	32,000
Total number of IPv4 routes (ARP plus learned routes)	32,000 (24,000 direct routes and 8000 indirect routes)
IPv4 routing entries	32,000
IPv6 routing entries	16,000
Multicast routing scale	8000
QoS scale entries	5120
ACL scale entries	5120
Packet buffer per SKU	16 MB buffer for 24- or 48-port Gigabit Ethernet models
FNF entries	64,000 flow on 24- and 48-port Gigabit Ethernet models
DRAM	8 GB
Flash	16 GB
VLAN IDs	4000
Total Switched Virtual Interfaces (SVIs)	2000
Jumbo frames	9198 bytes

Total routed ports per 9300 Series stack	208
Wireless bandwidth per switch	Up to 48 Gbps on 24-port Gigabit Ethernet model
Forwarding rate	154.76 Mpps

RFQ 772-23

INDOOR ACCESS POINT

Peak PHY Rates	• 2.4GHz: 574Mbps • 5 GHz: 1200Mbps
Client Capacity	☐ Up to 256 clients per AP
SSID	☐ Up to 16 per AP
Wi-Fi Standards	☐ IEEE 802.11a/b/g/n/ac/ax
Supported Rates	• 802.11ax: 4 to 1774 Mbps • 802.11ac: 6.5 to 867 Mbps (MCS0 to MCS9, NSS = 1 to 2 for VHT20/40/80) • 802.11n: 6.5 Mbps to 300 Mbps (MCS0 to MCS15) • 802.11a/g: 54, 48, 36, 24, 18, 12, 9, 6Mbps • 802.11b: 11, 5.5, 2 and 1 Mbps
Supported Channels	• 2.4GHz: 1-13 • 5GHz: 36-64, 100-144, 149-165
MIMO	• 2x2 SU-MIMO • 2x2 MU-MIMO
Spatial Streams	• 2 streams SU/MU-MIMO 5GHz • 2 streams SU/MU-MIMO 2.4GHz
Radio Chains and Streams	• 2x2:2 (5 GHz) • 2x2:2 (2.4GHz)
Channelization	☐ 20, 40, 80MHz
Security	• WPA-PSK, WPA-TKIP, WPA2 , WPA3Personal, WPA3-Enterprise, AES, WPA3, 802.11i, Dynamic PSK • WIPS/WIDS
Other Wi-Fi Features	• WMM, Power Save, Tx Beamforming, LDPC, STBC, 802.11r/k/v • Hotspot • Hotspot 2.0 • Captive Portal • WISPr

RFQ 770-23

8 PORT POE SWITCH

8 x Gigabit PoE+ ports (up to 30 watts per PoE+ port)
Internal power supply
Up to 30 W per port with 105 W total power budget
Reduces equipment cost by delivering data and power over existing network cables
16 Gbps switching capacity
Sturdy rack mountable metal case