RRISL/PRO/CAPITAL/AVIT/2025 (27)   **2025.08.18**

<u>Registered Post</u>

BID NOTICE

Purchase of Cisco Network Switch

Bids are invited for quotations for Purchase of Cisco Network Switch as per the specifications given in the attached sheet.

Sealed bids furnishing the information required **in the attached standard Bidding document (Annexure I)   filling the all empty cages** should be send to the Chairman, Department Procurement Committee, Rubber Research Institute of Sri Lanka, Dartonfield, Agalawatta under registered cover or should be placed into the box available in the Account Department (Procurement unit), Dartonfiled, Agalawatte. **Otherwise they will be rejected.**

The envelope containing the Bid should bear the words **"Purchase of Cisco Network Switch"** in its top left corner.   Bids close at 10.30 am. On 2025.09.01 and they will be opened immediately after the closing time on the same day at Dartonfield, Agalawatte.   The decision of the Procurement Committee will be final and definite. Bidders or their authorized representatives will be permitted to be present for the event of opening of bids.

Chairman
Departmental Procurement Committee (Minor)
Rubber Research Institute of Sri Lanka
Dartonfield, Agalawatte

01. **Specifications of Cisco Managed SFP Core Switch – 02 Nos.**

Technical Specification

Feature	Description	Compliance (Yes/No/Detail).
Model	Please Specify	
Country of Origin	Please Specify	
Country of Manufacture	Please Specify	
Type	Managed Switch	
Ports	8 x 1G SFP Ports	
Uplink Port	2 X 1 G Combo Ports (RJ45 /SFP Combo)	
Jumbo Frame	9216 bytes	
Flash memory	256 MB	
DRAM	512 MB	
Switching Capacity	20 Gbps	
MAC table	16 K or more Mac Address entries	
Forwarding bandwidth	14 Mpps	
Layer 2/L3 Features	VLANs, static routing, QoS, link aggregation, IGMP snooping, LLDP	
VLANS	Support 4096 or more active VLANS	
Layer 2 Functions	Support 802.1d (STP) Support 802.1w(RSTP) Support 802.1s (MSTP) Support for IEEE 802.3ad Link Aggregation Control Protocol (LACP) Support automatic mac address learning and aging	
Layer 3 Functions	Should support IPv4 and IPv6 routes Up to 990 static routes DHCP server	
QoS/ACL	Support up to 1024 rules 802.1P and and DSCP marking Rate-Limiting and traffic shaping on an interface 802.1X Remote Authentication AAA and radius Authentication	
Security	MAC filtering, port security, 802.1X, DHCP snooping, ARP inspection, IP Source Guard, ACLs, DoS protection	
Manageability	L2 manageability CLI through telnet or Web Based GUI Configuration Password protection privilege levels Console output	
Stacking	Supports "true stacking" to treat multiple switches as a single unit	
Packet Buffer	1.5 MB	
USB Slot	USB Type-A	
Buttons	Reset Button	
Console Port	Cisco RJ45 Standard Console Port	
Power	100-240V 50-60Hz External	
Mounting	19" Rack Mountable	

Package Contents	Power Cord, Mounting Kit, User Guide	
Warranty	Three (03) year manufacturer warranty	

Validity Period of the Bid	
Total Price : Without VAT	
With VAT & Other Taxes.	
Total price including all taxes (in figures)	
(in words)	

02. **Specifications of Cisco Managed POE Network Switch – 02 Nos.**

Technical Specification

Feature	Description	Compliance (Yes/No/Detail).
Model	Please Specify	
Country of Origin	Please Specify	
Country of Manufacture	Please Specify	
Type	**Managed Switch**	
Ports	**8 10/100/1000 POE Ports**	
Uplink Port	2 combo mini-GBIC ports **2 X 1 G Multimode SFP need to populated**	
Jumbo Frame	9216 bytes	
Management	Web Management, Text base CLI (User privilege levels 1, 7, and 15 are supported for the CLI)	
Flash memory	256 MB	
Memory	512 MB	
Switching	20 Gbps	
Power Dedicated to PoE	**62W**	
Maximum Active VLANS	4 K	
MAC table	16 K or more MAC address entries	
Forwarding bandwidth	14 Mpps	
Standards	IEEE 802.3 10BASE-T Ethernet, IEEE 802.3u 100BASE-TX Fast Ethernet, IEEE 802.3ab 1000BASE-T Gigabit Ethernet, IEEE 802.3ad LACP, IEEE 802.3z Gigabit Ethernet.	
VLAN mirroring	Traffic from a VLAN can be mirrored to a port for analysis with a network analyzer or RMON probe. Up to 8 source VLANs can be mirrored to one destination port. A single session is supported	
Power	100-240V 50-60Hz	
Mounting	19" Rack-Mountable	
Package Contents	Power Cord, Mounting Kit, User Guide	
Warranty	**Three (03) year manufacturer warranty**	

Validity Period of the Bid	
Total Price : Without VAT	
With VAT & Other Taxes.	
Total price including all taxes (in figures)	
(in words)	

03. Specifications of Cisco Unmanaged 24 ports with 2 SFP Network Switch – 02 Nos.

Technical Specification

Feature	Description	Compliance (Yes/No/Detail).
Model	Please Specify	
Country of Origin	Please Specify	
Country of Manufacture	Please Specify	
Type	**Unmanaged Switch**	
Ports	**24 x 10/100/1000 RJ45 Ports**	
Uplink Port	**2 X 1 G Combo Ports (RJ45 /SFP Combo)**	
Jumbo Frame	9216 bytes	
Flash memory	8 MB	
DRAM	64 MB	
Switching	48 Gbps	
MAC table	8K or more MAC address entries	
Forwarding bandwidth	35 Mpps	
Packet Buffer	2Mb	
Auto-negotiation	10/100/1000 Mbps, full/half duplex, MDI/MDI-X	
Quality of Service (QoS)	802.1p priority, 4 hardware queues, priority queuing & Weighted Round-Robin (WRR)	
Other Features	Loop detection, Cable diagnostics, Media-dependent interface	
Power	100-240V 50-60Hz	
Mounting	19" Rack-Mountable	
Package Contents	Power Cord, Mounting Kit, User Guide	
Warranty	**Three (03) year manufacturer warranty**	

	Validity Period of the Bid	
Total Price :	Without VAT	
	With VAT & Other Taxes.	
	Total price including all taxes (in figures)	
	(in words)	

Name of the Authorized Officer   ....

Signature of the Authorized Officer   ....

Name of the Company & Address   ....

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VAT Registration No.   ....

Address   ....

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Telephone Nos.   ....

Rubber Stamp   ....

Date :   ....