

**REFERENCE: 01/RFP/RICTA/ADM/2025**

Date: 21<sup>st</sup> August, 2025

**RICTA:**
**ATTENTION;** Chief Executive Officer- RICTA

1<sup>st</sup> Floor Kubaho Plaza

KG 544St

Kigali-Rwanda

P.O.BOX 7334, KIGALI-RWANDA

EMAIL: [infodesk@ricta.org.rw](mailto:infodesk@ricta.org.rw)

DATE: 21<sup>st</sup> August, 2025

Dear sir/ Madam,

**SUBJECT: REQUEST FOR PROPOSAL FOR HARWARE EQUIPMENT**

The Rwanda Internet Community and Technology Alliance (RICTA) hereby invites you to submit proposals for the following Hardware Equipment with their specifications.

ITEM	DESCRIPTION		
<b>SWITCH. CISCO CATALYST C9300L-48T-4X</b>			Quantity
Hardware Specifications	Switching Capacity: 176 Gbps Forwarding Rate: 130.95 Mpps Total Ports: 52 - 48x 10/100/1000 Mbps RJ-45 ports (Data Only) - 4x 10G SFP+ uplink ports Stacking Support: Yes (via StackWise-320) - Up to 8 switches in a stack - 320 Gbps Stack Bandwidth		<b>2</b>
Performance & Features	Layer 3 Capabilities: Static Routing, RIP, OSPF, EIGRP, BGP, VRF-Lite VLAN Support: Up to 4,096 VLANs MAC Address Table: 32,000 entries Jumbo Frames: Supported (9198 bytes) QoS: Advanced QoS with traffic classification, shaping, and congestion management Security: - 802.1X Authentication - MACsec (802.1AE) Encryption - Secure Shell (SSH) and Secure Sockets Layer (SSL) - TrustSec Network Access Control		
Power & Redundancy	Power Supply: - Redundant Power Supply supported (Optional) Power Consumption: Approx. 120W (typical)		

Software & Management	Operating System: Cisco IOS XE Management Options: - Web UI, CLI (via SSH, Telnet, or Console) - Cisco DNA Center support - SNMP v1/v2/v3 Licensing Options: DNA Essentials or DNA Advantage Form Factor: 1U Rack Mountable		
Physical & Environmental	Operating Temperature: 0°C to 45°C (32°F to 113°F) MTBF (Mean Time Between Failures): 300,000+ hours		
SERVERS			Quantity
PowerEdge R760	Trusted Platform Module 2.0 V3	1	2
	3.5" Chassis with up to 12 Hard Drives (SAS/SATA), 1 CPU, PERC11	1	
	Intel® Xeon® Silver 4510 2.4G, 12C/24T, 16GT/s, 30M Cache, Turbo, HT (150W) DDR5-4400	1	
	Intel Xeon Silver 4510 2.4G, 12C/24T, 16GT/s, 30M Cache, Turbo, HT (150W) DDR5-4400, Additional Processor	1	
	High Performance Heatsink	1	
	Performance Optimized	1	
	5600MT/s RDIMMs	1	
	32GB RDIMM, 5600MT/s, Dual Rank	4	
	Unconfigured RAID	1	
	PERC H755 Adapter LP	1	
	480GB SSD SATA Read Intensive 6Gbps 512 2.5in Hot-plug AG Drive, 3.5in HYB CARR, 1 DWPD	1	
	4TB 7.2K RPM SATA 6Gbps 512n 3.5in Hot-plug Hard Drive	8	
	UEFI BIOS Boot Mode with GPT Partition	1	
	No Energy Star	1	

	Very High-Performance Fan	1	
	Dual, Hot-Plug, Power Supply Fault Tolerant Redundant (1+1), 1100W	1	
	Rack Power Cord 2M (C13/C14 10A)	2	
	Riser Config 0, No Riser, 3x16 + 1x8 (2 CPU), with OCP	1	
	PowerEdge R760xs Motherboard with Broadcom 5720 Dual Port 1Gb On-	1	
	Broadcom 5720 Quad Port 1GbE BASE-T Adapter, OCP NIC 3.0	1	
	PowerEdge 2U Standard Bezel	1	
	BOSS-N1 controller card + with 2 M.2 480GB (RAID 1)	1	
	BOSS Cables and Bracket for R760xs	1	
	iDRAC9, Enterprise 16G	1	
	No Quick Sync	1	
	iDRAC, Factory Generated Password, No OMQR	1	
	iDRAC Service Module (ISM), NOT Installed	1	
	iDRAC Group Manager, Disabled	1	
	Ready Rails Sliding Rails with Cable Management Arm	1	
	PowerEdge HS5620 CE and CCC Marking, No BIS Marking	1	
	Extended Service, Parts Only Warranty Extension, 24 Month(s)	1	
	3 Years Warranty	1	
<b>Firewall</b>			<b>Quantity</b>
FORTINET 200F	Fortinet Fortigate-200F Firewall Hardware Plus 3 Year 24X7 Forticare and Fortiguard Unified Threat Protection (UTP)	1	<b>1</b>
	GE RJ45 Ports	16	
	GE RJ45 Management / HA	1\1	

	<i>GE SFP Slots</i>	8	
	10 GE SFP+ FortiLink Slots (default)	2	
	10 GE SFP+ Slots	2	
	IPS Throughput	5Gbps	
	NGFW Throughput	3.5Gbps	
	Threat Protection Throughput	3Gbps	
	3 Years Licenses		
<b>10Gig SFPS</b>			<b>Quantity</b>
10Gig Copper SFPs			<b>10</b>
10Gig Fiber Optics SFPs			<b>10</b>

**A. Submittals;**

The following documents should be submitted as part of your quotation  
A duly completed proposal with Technical and financial offer for the hardware equipment listed in the table above.

**B. Deadline**

Proposals must be sent to [infodesk@ricta.org.rw](mailto:infodesk@ricta.org.rw), signed and stamped, not later than 10<sup>th</sup> September 2025.

**C. Additional information may be requested from; [infodesk@ricta.org.rw](mailto:infodesk@ricta.org.rw) or by calling on the following phone line: +250781151371/ +250788803046.**

Done: Kigali, Rwanda  
Date: August 21<sup>st</sup>, 2025

**RICTA Management**