

REFERENCE: 01/RFP/RICTA/ADM/2026

Date: 26th January, 2026

RICTA:

ATTENTION; Chief Executive Officer- RICTA 1st
Floor Kubaho Plaza
KG 544St
Kigali-Rwanda
EMAIL: infodesk@ricta.org.rw

DATE: 26th January, 2026

Dear sir/ Madam,

SUBJECT: REQUEST FOR PROPOSAL FOR HARWARE EQUIPMENT

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

ITEM	DESCRIPTION	Quantity
	UfiSpace S9501-28SMT	
Hardware Specifications	<p>Form Factor:</p> <ul style="list-style-type: none"> - 1RU disaggregated cell site gateway platform <p>Port Configuration:</p> <ul style="list-style-type: none"> - 8 × 1/10G SFP+ ports - 16 × 100M/1G SFP ports - 4 × 100M/1G RJ45 ports <p>Management & Console Interfaces:</p> <ul style="list-style-type: none"> - 1 × RJ45 serial console port - 1 × 10/100/1000M RJ45 management port - 1 × USB 2.0 Type-A general-purpose port <p>Timing Interfaces:</p> <ul style="list-style-type: none"> - GNSS port - 1PPS - 10MHz - Time of Day (ToD) - BITS <p>Hardware Capabilities:</p> <ul style="list-style-type: none"> - Integrated timing hardware support for SyncE 	1

	<p>and IEEE 1588</p> <ul style="list-style-type: none"> - Deep packet buffering architecture <p>Chassis:</p> <ul style="list-style-type: none"> - 1RU compact design suitable for standard 19-inch racks. 		
Performance & Features	<p>Layer 3 Capabilities: Static Routing, RIP, OSPF, EIGRP, BGP, VRF-Lite VLAN Support: Up to 4,096 VLANs</p> <p>MAC Address Table: 32,000 entries</p> <p>Jumbo Frames: Supported (9198 bytes)</p> <p>QoS: Advanced QoS with traffic classification, shaping, and congestion management</p> <p>Security:</p> <ul style="list-style-type: none"> - 802.1X Authentication - MACsec (802.1AE) Encryption - Secure Shell (SSH) and Secure Sockets Layer (SSL) - TrustSec Network Access Control 		
Power & Redundancy	<p>AC input: 100 to 240V, 3A</p> <p>DC input: -36 to -75V, 8A</p> <p>Typical power: 60 Watts (no transceiver)</p>		
Software & Management	<p>Operating System: IP Infusion OcNOS</p> <ul style="list-style-type: none"> – Service Provider MPLS Edition (SP-MPLS) <p>Management Options:</p> <ul style="list-style-type: none"> · Command Line Interface (CLI) · SSH / Console access · Web-based management (where applicable) · NETCONF / RESTCONF · Streaming Telemetry <p>Monitoring & Management Protocols:</p> <ul style="list-style-type: none"> -SNMP v3 -Syslog -NTP / PTP support <p>Network Management Integration:</p> <ul style="list-style-type: none"> -Compatible with third-party NMS platforms -OpenConfig and YANG models supported <p>Licensing:</p> <ul style="list-style-type: none"> -OcNOS SP-MPLS perpetual license -Support subscription for 1 year and for 3 years (provide quote for both options) <p>Form Factor:</p> <p>1U rack-mountable.</p>		

Physical & Environmental	<p>Operating Temperature: 0°C to 45°C (32°F to 113°F)</p> <p>Operating Humidity: 5% to 85% RH (non-condensing)</p> <p>Storage Temperature: -40°C to 70°C</p> <p>Storage Humidity: 5% to 95% RH (non-condensing)</p> <p>MTBF (Mean Time Between Failures): ≥ 300,000 hours</p>	

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, signed and stamped, not later than 13th February, 2026.

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

Done: Kigali, Rwanda

Date: 26th January, 2026

RICTA Management