

**REFERENCE: 01/RFP/RICTA/ADM/2026**

Date: 26<sup>th</sup> January, 2026

**RICTA:**

**ATTENTION;** Chief Executive Officer- RICTA 1<sup>st</sup>

Floor Kubaho Plaza

KG 544St

Kigali-Rwanda

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

DATE: 26<sup>th</sup> 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	
	UfiSpace S9501-28SMT	Quantity
Hardware Specifications	<p>Form Factor:</p> <ul style="list-style-type: none"> <li>- 1RU disaggregated cell site gateway platform</li> </ul> <p>Port Configuration:</p> <ul style="list-style-type: none"> <li>- 8 × 1/10G SFP+ ports</li> <li>- 16 × 100M/1G SFP ports</li> <li>- 4 × 100M/1G RJ45 ports</li> </ul> <p>Management &amp; Console Interfaces:</p> <ul style="list-style-type: none"> <li>- 1 × RJ45 serial console port</li> <li>- 1 × 10/100/1000M RJ45 management port</li> <li>- 1 × USB 2.0 Type-A general-purpose port</li> </ul> <p>Timing Interfaces:</p> <ul style="list-style-type: none"> <li>- GNSS port</li> <li>- 1PPS</li> <li>- 10MHz</li> <li>- Time of Day (ToD)</li> <li>- BITS</li> </ul> <p>Hardware Capabilities:</p> <ul style="list-style-type: none"> <li>- Integrated timing hardware support for SyncE</li> </ul>	1

	<p>and IEEE 1588</p> <ul style="list-style-type: none"> <li>- Deep packet buffering architecture</li> </ul> <p>Chassis:</p> <ul style="list-style-type: none"> <li>- 1RU compact design suitable for standard 19-inch racks.</li> </ul>		
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"> <li>- 802.1X Authentication</li> <li>- MACsec (802.1AE) Encryption</li> <li>- Secure Shell (SSH) and Secure Sockets Layer (SSL)</li> <li>- TrustSec Network Access Control</li> </ul>		
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> <p>– Service Provider MPLS Edition (SP-MPLS)</p> <p>Management Options:</p> <ul style="list-style-type: none"> <li>· Command Line Interface (CLI)</li> <li>· SSH / Console access</li> <li>· Web-based management (where applicable)</li> <li>· NETCONF / RESTCONF</li> <li>· Streaming Telemetry</li> </ul> <p><b>Monitoring &amp; Management Protocols:</b></p> <ul style="list-style-type: none"> <li>-SNMP v3</li> <li>-Syslog</li> <li>-NTP / PTP support</li> </ul> <p><b>Network Management Integration:</b></p> <ul style="list-style-type: none"> <li>-Compatible with third-party NMS platforms</li> <li>-OpenConfig and YANG models supported</li> </ul> <p><b>Licensing:</b></p> <ul style="list-style-type: none"> <li>-OcNOS SP-MPLS perpetual license</li> <li>-Support subscription for 1 year and for 3 years (provide quote for both options)</li> </ul> <p><b>Form Factor:</b></p> <p>1U rack-mountable.</p>		

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

**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 13<sup>th</sup> February, 2026.

**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: 26<sup>th</sup> January, 2026

**RICTA Management**