



REFERENCE: 05/RFP/RICTA/ADM/2026 Issue Date: 9th September 2026 Submission Due Date: 30th September 2026	RICTA: ATTENTION; Chief Executive Officer- RICTA 1st Floor Kubaho Plaza KG 544 St Kigali-Rwanda EMAIL: infodesk@ricta.org.rw
---	--

Dear Sir/ Madam,

SUBJECT: REQUEST FOR PROPOSAL FOR HARDWARE 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	Form Factor: 1RU disaggregated cell site gateway platform Port Configuration: 8 × 1/10G SFP+ ports; 16 × 100M/1G SFP ports; 4 × 100M/1G RJ45 ports Management & Console Interfaces: 1 × RJ45 serial console port; 1 × 10/100/1000M RJ45 management port; 1 × USB 2.0 Type-A general-purpose port Timing Interfaces: GNSS port; 1PPS; 10MHz; Time of Day (ToD); BITS Hardware Capabilities: Integrated timing hardware support for SyncE; Deep packet buffering architecture Chassis: 1RU compact design suitable for standard 19-inch racks.	1
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	AC input: 100 to 240V, 3A DC input: -36 to -75V, 8A Typical power: 60 Watts (no transceiver)	

ITEM	DESCRIPTION	
Software & Management	Operating System: IP Infusion OcNOS — Service Provider MPLS Edition (SP-MPLS) Management Options: · Command Line Interface (CLI); · SSH / Console access; · Web-based management (where applicable); · NETCONF / RESTCONF; · Streaming Telemetry Monitoring & Management Protocols: -SNMP v3; SNMP v1; SNMP v2c; - Syslog; -NTP / PTP support Network Management Integration: -Compatible with third-party NMS platforms; -OpenConfig and YANG models supported Licensing: -OcNOS SP-MPLS perpetual license; -Support subscription for 1 year and for 3 years (provide quote for both options) Form Factor: 1U rack-mountable.	
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	
	Laptops	Quantity
Hardware Specifications	Form Factor: Compact and highly portable business laptop. Display size shall be no larger than 14 inches; 13-14 inches preferred. Processor: Recent-generation Intel Core i5/i7, Intel Core Ultra 5/7, AMD Ryzen 5/7, or technically equivalent processor. Vendor shall specify exact processor model and generation. Keyboard: US English (QWERTY) layout, with standard full-size function keys and integrated keyboard backlight preferred. Memory: Minimum 16 GB RAM. Higher capacity may be proposed Storage: Minimum 512 GB NVMe SSD. Display: 13–14-inch display, Full HD (1920 × 1080) or better, preferably 16:10 aspect ratio. IPS or equivalent high-quality panel preferred, with good brightness, viewing angles and color reproduction. Anti-glare preferred. Graphics: Integrated graphics or better, suitable for office applications, multimedia and external display support. Wireless Connectivity: Wi-Fi 6 or better and Bluetooth 5.0 or better. Ports: USB-C and USB-A. HDMI or equivalent external display connectivity. Vendor shall specify complete port configuration. Ethernet cable is not required. Camera & Audio: Integrated HD or better webcam, microphone and stereo speakers. Webcam privacy shutter preferred. Operating System: Windows 11 Pro 64-bit, or equivalent. Security: TPM 2.0 or equivalent hardware-based security, Secure Boot and biometric authentication such as fingerprint or facial recognition.	2

ITEM	DESCRIPTION	
	Battery: Battery capacity suitable for a full working day under normal office productivity workloads. Weight: Lightweight design preferred. Vendor shall state exact device weight.	
Performance Requirements	- Suitable for Microsoft Office applications, including Microsoft Excel. - Capable of handling large and complex Excel workbooks. - Suitable for multitasking across Excel, Outlook, Teams, web browsers and other business applications. - Suitable for external monitor connectivity when required. - Suitable for general business, productivity and web-based applications.	
Warranty & Support	Warranty: Minimum 1-year manufacturer warranty. Support: Vendor shall provide warranty and after-sales support details and indicate availability of local technical support and spare parts. Accessories: Original power adapter/charger and charging cable. Carrying case or sleeve.	
	Apple MacBook Pro – M4 Pro	Quantity
Hardware Specifications	Display: 14.2" Liquid Retina XDR Resolution: 3024 × 1964 Refresh: ProMotion up to 120Hz Memory: Minimum 24 GB unified memory. Storage: Minimum 512 GB SSD. Higher capacity may be proposed. CPU: M4 Pro 12-core or 14-core CPU, depending on configuration GPU: 16-core or 20-core GPU Ports: 3 × Thunderbolt 5 / USB-C, HDMI, SDXC, 3.5mm headphone, MagSafe 3 Wi-Fi: Wi-Fi 6E Bluetooth: 5.3 Camera: 12MP Center Stage Security: Touch ID / Secure Enclave Battery: Up to 22 hours video streaming / 14 hours wireless web for M4 Pro configurations / 72.4-watt-hour lithium-polymer battery Weight: Around 1.60 kg depending on configuration Accessories: Original Apple power adapter and charging cable. Carrying case or sleeve.	4
Warranty & Support	Warranty: Minimum 1-year manufacturer warranty. Support: Vendor shall specify available Apple-authorized service and support arrangements.	
	Desktop Monitor	Quantity
Display Specifications	Screen Size: 27 inches.	1

ITEM	DESCRIPTION	
	Resolution: Minimum 2560 × 1440 (QHD/1440p). 4K UHD (3840 × 2160) preferred. where available within budget. Panel Technology: IPS, IPS Black, or equivalent high-quality professional panel. Aspect Ratio: 16:9 or 16:10. Brightness: Minimum 300 nits; 350 nits or higher preferred. Contrast Ratio: Minimum 1,000:1 for IPS-class panels; higher preferred. Colour Coverage: Minimum 99% sRGB coverage preferred. Wider colour gamut support may be proposed. Colour Accuracy: Good factory calibration and accurate colour reproduction suitable for professional office and productivity applications. Viewing Angles: Minimum 178° horizontal and vertical. Refresh Rate: Minimum 75 Hz; higher refresh rate preferred where available. Response Time: 5 ms or better preferred. Surface: Anti-glare / low-reflection coating preferred. Ergonomics: Height adjustment, tilt and swivel. Eye Comfort: Flicker-free technology and low blue-light/eye-comfort mode preferred for extended working periods.	
Connectivity	- Minimum one DisplayPort input and one HDMI input. - USB-C input with DisplayPort Alt Mode preferred, particularly for laptop connectivity. - USB hub with USB-A ports preferred. - USB-C Power Delivery (USB-C PD) preferred for compatible laptops. - 3.5 mm audio output preferred. - Vendor shall specify all available video, USB and power-delivery ports.	
Productivity & Design Features	- Thin-bezel design preferred. - Built-in speakers preferred. - VESA mount compatibility (100 × 100 mm or equivalent) preferred. - On-screen display (OSD) with accessible brightness, contrast and input controls. - Automatic input/source selection preferred. - Picture-by-picture (PBP) and/or picture-in-picture (PIP) functionality may be proposed. - Power-saving/energy-efficient operation preferred. - Stable, height-adjustable stand suitable for professional office environments.	
Warranty & Support	Warranty: Minimum 1-year manufacturer warranty; 3-year warranty preferred. Support: Vendor shall provide warranty and after-sales support details and indicate availability of local technical support.	



ITEM	DESCRIPTION	
	Accessories: All required power cables and video cables for connection to the proposed workstation/laptop shall be included.	

A. Submittals;

The Supplier will submit both technical and financial proposals to RICTA, including the following information:

1. Technical Proposal Requirements

- A detailed company profile
- Company registration certificate
- Manufacturer authorisation letters
- At least two (2) reference and recommendation letters
- Delivery schedule / time

2. Financial Proposal Requirements

- All costs associated with the assignment
- The terms of payment
- The Supplier shall express the price of their services in Rwandan Francs (RWF)

B. Deadline

Proposals must be sent to infodesk@ricta.org.rw, not later than 30^h September 2026.

C. Any questions or requests for clarification regarding this RFP should be addressed to infodesk@ricta.org.rw prior to the submission deadline.

RICTA Management

1st Floor Kubaho Plaza Building
KG544, Kacyiru
Kacyiru Sector, Gasabo District
Kigali City - RWANDA

Officially mandated to manage:
The Rwanda (RW) Domain name Registry
The Rwanda Internet Exchange (Point) RINEX

Email: infodesk@ricta.org.rw
Office Phone: +250 781151371
Website: www.ricta.org.rw
Twitter: RICTAinfo