



Ref #: 02/IFB/RICTA/ADM/2024 Date: 28/03/2024	RICTA ATTENTION: CHIEF EXECUTIVE OFFICER 1ST FLOOR KUBAHO PLAZA KACYIRU, KIGALI-RWANDA EMAIL: infodesk@ricta.org.rw
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TERMS OF REFERENCES - PURCHASE OF HARDWARE EQUIPMENT

1 INTRODUCTION

The Rwanda Internet Community and Technology Alliance (RICTA) is seeking proposals from qualified suppliers to procure hardware equipment and their respective accessories for the Rwanda Internet Exchange Point (RINEX) project. The required equipment includes One (1) Server, One (1) Router, and One (1) Firewall with their accessories. The purpose of this tender is to establish and setup the RINEX Disaster Recovery Site.

2 BACKGROUND

RICTA is a not-for-profit organization representing the Rwanda Internet community. Its primary mandates are to manage and promote the use of the “.RW” country code top- level domain and the Rwanda Internet Exchange point (RINEX), which serves as a crucial hub for Internet traffic exchange in Rwanda. In line with best practices and to mitigate risks associated with potential disruptions, RICTA is establishing a Disaster Recovery Site. This site will serve as a backup facility, ensuring continuity of operations and minimal downtime in the event of a disaster affecting the primary infrastructure. As part of this initiative, RICTA seeks to procure hardware equipment and their respective accessories that will be used to prepare this site.

3 SCOPE OF SERVICE

The selected supplier will be responsible for providing the following;

- Purchase of hardware equipment and their respective accessories.
- Installation of the equipment at the RINEX Disaster Recovery Site at University of Rwanda, College of Business & Economics (CBE) at MBURABUTURO-GIKONDO.
- Provision of technical support as may be required.

HARDWARE EQUIPMENT

SERVER	
SERVER	Dell PowerEdge R740xd 3.5" 12-Port 2U Rack Mount Server Chassis, Intel Gold 6134 28 Core (3.20Ghz, 24.75M L3 130W) SR3AR
	RAM -PC2400T-R-DDR4-64GB2R
	Dell SAS 3.5" 8TB 7.2K 12GBPS
	Dell Hot Swap 3.5" SAS or SATA Sled for 14th & 15th Generation PowerEdge
	Dell Broadcom 5720 Quad Port 1Gb RJ45 rNDC
	Dell 1100W Platinum Efficiency Power Supply
	CABLE-POWER-SERVER-6FT
	PERC H730 RAID Controller
	1GB NV Cache for R740 12-Port (System Build)



3x Full Height and 1x Half Height - 1X8 PCI (System Build)

Quantity: One (1)
Warranty: One (1) year

FIREWALL	
Firewall	18 x GE RJ45 (including 1 x MGMT port, 1 X HA port, 16 x switch ports), 8 x GE SFP slots, 4 x 10GE SFP+ slots, NP6XLite and CP9 hardware accelerated.
	3 Year Unified Threat Protection (UTP) (IPS, Advanced Malware Protection, Application Control, Web & Video Filtering, Antispam Service, and 24x7 Support)
Quantity	One (1)
Warranty	One (1) year
Router	
Processor	Intel 6-core
Memory	16G DDR4 SDRAM SO-DIMM 260-pin
Ports	<ul style="list-style-type: none"> - Integrated LAN ports - 4 Gigabit Ethernet (GE) WAN ports (dual-mode RJ-45 and 2 SFP ports) - Front panel Gigabit Ethernet ports - Ethernet management port - Serial console port
Storage	SSD 64 GB M.2
Height	1RU rack-mount
Quantity	One (1)
Warranty	One (1) year

ACCESSORIES

Router- Network Interface Module	
Name	NIM-2GE-CU-SFP
Model	2-Port Gigabit Ethernet WAN Network Interface Module NIM-2GE-CU-SFP
Detail	Integrated Services Router 2-Port Gigabit Ethernet WAN Modules NIM-2GE-CU-SFP.

10 Pack 1000BASE-T COPPER SFP modules	
Form Factor	SFP

Protocols	Ethernet, Fast Ethernet, Gigabit Ethernet
Connector Type	RJ-45
Interface	Copper
Distance	100 m
Temperature Range	0°C - 70°C
Bandwidth	12.5 Mbit/s - 1.25 Gbit/s
Power Consumption	1.06 W
Warranty	One (1) year

4 TECHNICAL REQUIREMENTS

The hardware equipment and accessories must meet the following requirements:

- Compliance with industry standards and best practices.
- Scalability to accommodate future growth and expansion.
- Redundancy and failover capabilities for high availability.
- Support for advanced security features

5 PROPOSAL SUBMISSION

Interested suppliers are required to submit the following documents:

- Company profile detailing relevant experience and expertise.
- Technical proposal outlining the proposed hardware equipment and required accessories.
- Commercial proposal including pricing, payment terms, and delivery schedule.
- Warranty and support terms for the hardware equipment.
- References from previous clients for similar projects.

6 EVALUATION CRITERIA

Proposals will be evaluated based on the following criteria:

- Technical capabilities and suitability of the proposed hardware solutions.
- Pricing competitiveness and value for money.
- Experience and track record in providing similar hardware equipment and required accessories.
- Compliance with RICTA's requirements and specifications.
- Ability to meet project timelines and deliverables.



7 TIMELINE

- Release of Tender Notice: Thursday 28, March 2024.
- Deadline for bid Submission: Friday 12, April 2024 at 3:00pm.
- Evaluation of bids: Friday 12, April 2024 at 3:30pm.
- Notification of the winner: Monday 15, April 2024 at 5:00pm
- Contract Award: Monday 22, April 2024 at 2:00pm

8 CONTACT INFORMATION:

For inquiries and submission of proposals, please contact:

Name: Geoffrey KAREGEYA

Title: Business Development Manager

Rwanda Internet Community and Technology Alliance (RICTA)

KG 544St, 1st Floor KUBAHO Plaza

(+250) 788409061/0781151371

infodesk@ricta.org.rw

Done at Kigali, Rwanda on 28th March 2024.

RICTA Management