



## INVITATION TO TENDER (ITT)

FOR

**PROCUREMENT TITLE:** SUPPLY, DELIVERY AND INSTALLATION OF ICT INFRASTRUCTURE TO THE RWANDA INSPECTORATE, COMPETITION AND CONSUMER PROTECTION AUTHORITY (RICA), RWANDA STANDARDS BOARD (RSB) AND NATIONAL AGRICULTURAL EXPORT DEVELOPMENT BOARD (NAEB)

**REFERENCE NUMBER:** PRQ20241122

**ISSUE DATE:** 10<sup>TH</sup> MARCH 2025

**CLOSING DATE:** 31<sup>ST</sup> MARCH 2025 ON OR BEFORE (11 AM RWANDA TIME)



## INVITATION TO TENDER (ITT)– GOODS

### Implementing Agency:

#### TradeMark Africa

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**Recipients:** Rwanda Inspectorate, Competition And Consumer Protection Authority (RICA), Rwanda

Standards Board (RSB) And National Agricultural Export Development Board (NAEB)

**Project Title: PRQ20241122:** SUPPLY, DELIVERY AND INSTALLATION OF INFRASTRUCTURE TO THE RWANDA INSPECTORATE, COMPETITION AND CONSUMER PROTECTION AUTHORITY (RICA), RWANDA STANDARDS BOARD (RSB) AND NATIONAL AGRICULTURAL EXPORT DEVELOPMENT BOARD (NAEB)

**Date of Issue of Request:** 10<sup>th</sup> March 2025

Dear Supplier:

TradeMark Africa (TMA) invites bids from eligible and qualified bidders for: **SUPPLY, DELIVERY AND INSTALLATION OF INFRASTRUCTURE TO THE RWANDA INSPECTORATE, COMPETITION AND CONSUMER PROTECTION AUTHORITY (RICA), RWANDA STANDARDS BOARD (RSB) AND NATIONAL AGRICULTURAL EXPORT DEVELOPMENT BOARD (NAEB).**

- 1) This ITT is open to eligible entities (“Bidders”) who wish to respond. Bidders may only associate with each other in the form of a joint venture or under a sub-contractual agreement to complement their respective areas of supply to enhance their capacity to carry out the supply of goods and provision of

required services and so long as any association is formed, or sub-contract is entered into in accordance with the bidding document associated with this ITT.

- 2) A supplier will be selected under a competitive bidding method, the evaluation procedure for which is described in sections of the bidding document associated with this ITT in accordance with the “TMA Procurement Guidelines.”
- 3) The proposal(s) should be submitted as per the following instructions and in accordance with the attached Contract. The attached Terms and Conditions of Supply is an integral part of the Contract.
  - a) **PRICES:** The prices should be quoted Supply, Delivery & Installation Of Infrastructure to the Rwanda Inspectorate, Competition And Consumer Protection Authority (RICA), Rwanda Standards Board (RSB) & National Agricultural Export Development Board (NAEB).
  - b) **Prices shall be quoted in US Dollars only.** The Bid Prices and discounts shall be quoted in the Bid Submission Sheet and in the Price Schedule (attached). The total Bid Price shall include all taxes which shall be presented separately for purposes of tax. Any queries regarding this tender should be received by Monday, 24<sup>th</sup> March 2025
  - c) **SUBMISSION OF BIDS:** Your bid shall be submitted via email only at the address [procurement@trademarkafrica.com](mailto:procurement@trademarkafrica.com) by **Monday, 31<sup>st</sup> March on or Before (11AM Rwanda Time)**

**Late tenders will not be accepted in any circumstance.** No special pleadings will be accepted. Faxed and hard copy tenders will not be accepted.

### **Format of Your Tender**

- Part A - Preliminary requirement (Mandatory that tender should be submitted in English)
- Part B - Executive Summary.
- Part C - General and Technical; and,
- Part D - Financial.

### **Part A Preliminary requirements**

Bidders are required to submit scanned copies of the below documents:

- Valid business registration/trade licence
- Incorporation certificates,
- PIN/TIN certificate,
- Valid Tax compliance certification.
- Signed and stamped Supplier Code of Conduct.

**Parts A, B & C may be contained in one document (Technical Proposal). However, the Financial Proposal (Part D) must be submitted separately to enable the Technical and Financial bids to be evaluated independently. Please do not include any financial/ price information in Part A, B or C. Inclusion of any price information will lead to disqualification. The financial proposal should not be combined with the**

**technical proposal but should be submitted as a separate document. The financial proposal MUST be in PDF and password protected.**

- d) LATE BIDS: TMA shall not consider any bid that arrives after the deadline for submission of bids. Any bid received by TMA shall be declared late and rejected.
- e) EVALUATION OF BIDS: Bids determined to be substantially responsive to the technical specifications will be evaluated by comparison of their prices. In evaluating the bids, TMA will determine the evaluated price for each proposal by adjusting the price quotation to correct any arithmetical errors as follows:
- Where there is a discrepancy between amounts in figures and in words, the amount in words will govern.
  - Where is a discrepancy between the unit rate and the line-item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern.
  - If a Supplier refuses to accept the correction, his Bid will be rejected.
  - TMA is not bound to accept the lowest, or any, tender. We also reserve the right to request any, or all, to clarify the bids submitted.

#### **EVALUATION CRITERIA**

The technical submissions will be evaluated in one main stage. The detailed evaluation criteria for each stage are provided below:

#### **Computers and Accessories Specification Compliance**

A Bidder is required to explicitly state the technical specifications for their proposed Computers and Accessories against each line item provided for in the Min. Technical Specification. Additional specification can also be provided for in a separation section.

#### **LOT 1 (RSB)**

<b>No</b>	<b>Criteria</b>	<b>Complied/Not Complied (C/NC)</b>
1	The vendor must be accredited and an authorised reseller of hardware by the manufacturer.(Evidence must be attached)	C/NC
2	The vendor must have offices or partners based in Rwanda to provide on-site support whenever required. (Evidence must be attached)	C/NC
3	At least one of the technicians has certifications in Networking like CCNP, CompTIA N+ or their equivalent	C/NC
<b>Total</b>		<b>C/NC</b>

**EQUIPMENT SPECIFICATIONS**

**a) Server**

Item No	Feature	Specification	Quantity	C/NC	
1.	Brand & Model	Mature internationally recognized brand, in existence for at least 10 years (bidder must specify brand, model and series). The solution components <b>MUST NOT</b> be a product that has/is reaching end of life support/end of sale in 5 years' time	5	C/NC	
2.	Form Factor	Rack Mountable server with full mounting kits and accessories.		C/NC	
3.	Processors	The server should be supplied with at least 2 x 5 <sup>th</sup> Generation  Intel Xeon Gold 65xx Scalable processors family with a minimum of 32 cores per processor.		C/NC	
4.	Memory	Support registered ECC DDR5 DIMMS		C/NC	
		At minimum the servers must be supplied with at least 4TB RAM.			
	Hard Drives	The system must be supplied with:			
		At least E3.S NVMe direct drives with a total capacity of 120 TB			C/NC
		The drives should be hot swappable and provide the necessary redundancy			C/NC
	Storage Controller :	At least Integrated 6Gbps SAS hardware RAID 0, 1, 5 and 10 and 60. Raid controller should support on line capacity expansion and data scrubbing as well. Should enable Write-back, write-through, always write-back, no read-ahead			C/NC
	Network Interface:	4 x 25 Gigabit Ethernet ports with full duplex /TCP/IP Offload Engine (TOE).	C/NC		

5.	Security	<p>The servers should have the following security features enabled:</p> <ul style="list-style-type: none"> <li>• Cryptographically signed firmware</li> <li>• Data at Rest Encryption</li> <li>• Secure Boot</li> <li>• TPM 2.0 FIPS, CC-TCG certified,</li> <li>• Secure Erase</li> <li>• Secured Component Verification</li> </ul>		C/NC
6.	Expansion Slots	At least 8 x16 Gen5 PCIe		C/NC
7.	IO Ports	At least 2 x VGA Port, at least 1 x USB 3.0 Slots, at least 2 x USB 2.0		C/NC
	Server Management	<p>It should have embedded server management system to provide a single point of management for the entire solution from a single pane. It should provide all configuration management, monitoring and reporting tasks.</p> <p>Should support industry standard management interfaces of IPMI and SNMP</p>		C/NC
8.	Operating System	Should Support at least Microsoft windows server 2025, Ubuntu, Red Hat Linux 9, Suse Linux 15, Microsoft Hyper-V		C/NC
9.	Power Supply	The chassis should have fully redundant N+1 power supplies.		C/NC
	Support and Warranty:	<p>At least 3 years on parts, labour and software. In addition, the equipment MUST include the manufacturer's premier technical support services including:</p> <p>Accelerated hardware replacement options, Operating system updates, Access to Manufacturer's technical assistance team, online troubleshooting / support tools and proactive problem diagnosis services</p>		C/NC
10.	Software Licenses	<ul style="list-style-type: none"> <li>• The servers should be supplied with the licenses for the latest version of VMware vSphere</li> <li>• Provide licenses for 15 RHEL Virtual</li> </ul>		C/NC

		<p>Machines</p> <ul style="list-style-type: none"> <li>Veeam Data Platform Essentials Universal x15 for 3 years</li> </ul>		
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**b) Network Backup**

Item	Description	Quantity	C/NC
<b>NAS/SAN Backup Solution</b>	10 TB NAS with RAID-5/6 and offsite replication	2	C/NC

**c) End User Tablets**

Item		Description	Quantity	C/NC
<b>Tablets</b>	<b>Display</b>	10.5-inch touchscreen with 1920 x1200 resolution	32	C/NC
	<b>Operating System</b>	Android OS		C/NC
	<b>Processor</b>	Quad-core processor		C/NC
	<b>Storage</b>	128GB		C/NC
	<b>RAM</b>	8GB		C/NC
	<b>Connectivity</b>	Wi-Fi and 4G		C/NC
	<b>Battery</b>	6000Mah		C/NC
	<b>Cameras</b>	8MP Rear and 5MP front		C/NC

	<b>Additional Features</b>	Bluetooth and GPS		C/NC
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**d) Customer Feedback tablets**

Item	Feature	Specification	Quantity	C/NC
System	CPU	RK3288, Quad core A17, 1.6GHz	10	C/NC
	RAM	4GB		
	Internal memory	16GB		
	Operation system	Android OS		
	Touch screen	10-Point capacitive touch		
Display	Panel	10.1"LCD IPS panel		C/NC
	Resolution	1280*800		
	Contrast ratio	800		
	Luminance	250cd/m2		
	Aspect Ratio	16:10		
Network	Wi-Fi	802.11b/g/n		C/NC
	Ethernet	RJ45,100M/1000M		
	Bluetooth	BT 4.0		
Interface	Card slot	TF, support up to 32GB		C/NC
	USB	USB slave		
	USB	USB host x4		
	HDMI	HDMI output		
	Power jack	DC power input		
	Earphone	3.5mm earphone with microphone		
	Serial port	USB type serial port		
	RJ45	RJ45,100M/1000M (POE function, optional, IEEE 802.3at)		
Media play	Video format	MPEG-1, MPEG-2, MPEG-4,H.263,H.264,VC1,RV , supports up to 4K		C/NC
	Audio format	MP3/WMA/AAC etc.		
	Photo	jpeg		
	NFC	NFC,13.56MHz(optional)		
	4G LTE	Optional		
Other	Microphone	Dual mic		C/NC
	Speaker	2*2W		
	Camera	2.0MP front camera (optional Binocular camera)		
	Microphone	Yes		
	Language	English		
	Working temperature	0-40degree		



	Colour	Black		
Accessories	Adapter	Adapter,12V/1.5A		C/NC

Item	Description	Quantity	C/NC
<b>Tablet Stands/Mounts</b>	Ergonomic stands or mounts designed to securely hold the feedback tablets in strategic locations at RSB divisions' reception areas	10	C/NC

**e) Networking Devices**

Item	Description	Quantity	C/NC
<b>High-Performance Switches</b>	Managed switches with Gigabit Ethernet, PoE+ capability, and 10Gb uplinks. Supports VLANs, QoS, and stackability.	14 units	C/NC
<b>SFP Modules</b>	Gigabit SFP modules for fiber optic uplinks.	6 units	C/NC
<b>Firewall and Security Appliances</b>	Next-generation firewalls with intrusion detection, VPN, and secure internet access.	2 units	C/NC
<b>Enterprise-Grade Routers</b>	Redundant routers with multi-WAN failover and load balancing for uninterrupted internet access.	2 units	C/NC

f) **Wireless Equipment**

Item	Description	Quantity	C/NC
<b>Enterprise Wireless Access Points</b>	Dual-band enterprise wireless access points supporting Wi-Fi 6 (802.11ax) with MU-MIMO, BLE/Zigbee support, 2x2:2 streams (2.4GHz/5GHz), Beamforming, and 802.3at PoE support.	22	C/NC
<b>Wireless Controller</b>	Centralized platform for managing wireless access points.	1	C/NC
<b>Outdoor Access Points</b>	Rugged, weatherproof outdoor access points for extended Wi-Fi coverage.	4	C/NC

g) **Data Cabling and Connectivity**

Component	Description	Quantity	C/NC
<b>Fiber Optic Cabling (ADSS)</b>	24-core fiber optic cabling for long-distance transmission between divisions and buildings.	780 meters	C/NC
<b>Category 6a Ethernet Cabling</b>	High-performance UTP cables rated for 10Gbps transmission.	67 boxes	C/NC

<b>Trunking and Cable Management</b>	Structured trunking systems to manage fiber optic and Ethernet cabling.	954 units	C/NC
<b>Patch Panels (24 Ports)</b>	24-port patch panels for terminating Ethernet cabling in network racks.	20 units	C/NC
<b>Cable Managers</b>	Panel-style cable managers for efficient cable routing and airflow improvement.	3 units	C/NC

**h) Server Room and Data Center Equipment**

<b>Item</b>	<b>Description</b>	<b>Quantity</b>	<b>C/NC</b>
<b>6U Network Rack</b>	Wall-mounted rack for networking equipment housing	1	C/NC
<b>9U Network Rack</b>	Wall-mounted rack for networking equipment housing	1	C/NC
<b>42U Rack</b>	standalone racks for housing networking and server equipment for each of three server room (Main, Telecom & Pharma server room)	3	C/NC
<b>Power Backup (UPS)</b>	At least 10Kva	2	C/NC

<b>Cooling Solutions</b>	Rack-mounted fans and air conditioning systems for proper thermal management.	2	C/NC
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**Firm and Team Experience**

No	Criteria	Score
1	The vendor shall have 7 years' experience in undertaking similar assignments	C/NC
2	The vendor must have previously executed at least three (3) similar assignments in the last 10 years. (Evidence should be attached in the form of reference letters or completion certificates; contracts and LPO shall not be considered as proof of having done the assignment)	C/NC
3	The vendor has proposed a project manager with at least 5 years experience in handling similar assignments.	C/NC
4	The vendor has proposed 2 technicians with at least 3 years experience of carrying out similar assignments	C/NC
5	The technicians have experience in providing support & maintenance services and offering trainings/knowledge transfer.	C/NC
<b>Total</b>		C/NC

## LOT 2 (RICA)

No	Criteria	Complied/Not Complied (C/NC)
1	The vendor must be accredited and an authorised reseller of hardware by the manufacturer.(Evidence must be attached)	C/NC
2	The vendor must have offices or partners based in Rwanda to provide on-site support whenever required. (Evidence must be attached)	C/NC
3	At least one of the technicians has certifications in Networking like CCNP, CompTIA N+ or their equivalent	C/NC
<b>Total</b>		<b>C/NC</b>

## EQUIPMENT SPECIFICATIONS

### a) Network

#	Items description	Unit	Qty	C/NC
Fiber materials	LC/UPC-LC/UPC Jumper cords 3M, duplex	Each	1	C/NC
Supply of LAN accessories and Installation	Data points installation, testing and labelling	Each	44	C/NC
	Fixing access point outdoor and indoor	Each	2	C/NC
	Supply of RJ 45 connectors for Cat7 and Cat 6A	Each	10	C/NC
	Supply of RJ 45 connectors for Cat 6(Applicable for CAT 6)	Each	6	C/NC
	Installation of power cables 3x2.5mm	m	5m	C/NC
	Installation of Trunking (50x105,50x50,75x50, 75x75, 16x25, 16x16)	Each	30	C/NC
	Supply of cable ties (5X400)mm	Box	1 Box	C/NC
	Supply of Data sockets double	Each	16	C/NC
	Supply of Electrical cables 3x2.5mm	m	5m	C/NC
	Supply of Endcups	Each	10	C/NC
	supply of insulating tape 3M	Each	1	C/NC
	Supply of plastic wall plug 8mm	Box	3Boxes	C/NC

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	Supply of Screws 8mm	Box	2 Boxes	C/NC
	Supply of trunking 50x105	Each	30	C/NC
	Supply of SFTP cable CAT 6; Supports Gigabit Ethernet (1000 Base-T) standard, operates at a bandwidth of up to 250 Mhz, 4- pair shielded twisted pair cable, High Density Polyethylene Insulation	Box	3Boxes	C/NC
	Supply of STP cables CAT 7; Meets IEC 61156, ISO/IEC 11801 requirements, 4 individually shielded twisted pairs, overall braid shielded and jacketed with heavy-duty FR-PVC jacket for outdoor use, support high bandwidth digital applications with low BER and high data rates, Operating temperature: - 40°C - +60°C (-40°F - +140°F), frequency range 1-1000 MHz	Roll	1 Roll	C/NC
	Supply of UTP Patch cords of 1 meter	Each	44	C/NC
	Supply of UTP Patch cords of 3 meters	Each	25	C/NC
	Supply Patch panel 24 ports	Each	1	C/NC
	UTP, SFTP, FTP laying cable	m	800m	C/NC
	Server room relocation works	Each	1	C/NC
	Supply of Support double for Data Socket (50x105, 50x100mm)	Each	16	C/NC
	Termination of cable into patch panel (Cost per Cable)	Each	32	C/NC
IP Equipment	Catalyst 9200L 24-port PoE+, 4 x 1G, Network Advantage	Each	2	C/NC
	GBIC (SFP MODULE)-Normal.	Each	2	C/NC
Wireless items	Ruckus R650 dual-band 802.11abgn/ac/ax Wireless Access Point with Multi-Gigabit Ethernet backhaul, 4x4:4 + 2x2:2 streams, OFDMA, MU-MIMO, BeamFlex+, dual ports, PoH/uPoE/802.3at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty	Each	1	C/NC
	Ruckus R850 dual-band 802.11abgn/ac/ax Wireless Access Point with Multi-Gigabit			C/NC

	Ethernet backhaul, 8x8 streams (5GHz) 4x4:4 streams (2.4GHz), OFDMA, MU-MIMO, BeamFlex+, dual ports, PoH/uPoE/802.3at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty.	Each	1	
MSS Service	<b>Fortigate 200F</b> (FortiGate 200F FG-200F 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, NP6X Lite and CP9 hardware accelerated) & <b>License</b> (FortiGate-200F Hardware plus 3 Years – Advanced Threat Protection)	Each	2	C/NC

a) ICT Inspection Tablets

Component	Spec	Details	Quantity	C/NC
NETWORK	Technology	2G GSM  GSM850, GSM900, DCS1800, PCS1900  3G UMTS  B1(2100), B2(1900), B4(AWS), B5(850), B8(900)  4G FDD LTE  B1(2100), B2(1900), B3(1800), B4(AWS), B5(850), B7(2600), B8(900), B12(700), B17(700), B20(800), B28(700), B66(AWS- 3)  4G TDD LTE  B38(2600), B40(2300), B41(2500)	129	C/NC
	Dimensions	211 x 124.7 x 8 mm (8.31 x 4.91		C/NC

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BODY		x 0.31 in)			
	Weight	333 g (11.71 oz)			
	SIM	Nano-SIM, eSIM			
DISPLAY	Type	TFT LCD			C/NC
	Size	8.7 inches			
	Resolution	1340 x800 pixels (WXGA+)			
PLATFORM	OS	Android			C/NC
	Chipset	Mediatek Helio G99 (6 nm)			
	CPU	Octa-core (2x2.2 GHz Cortex-A76 & 6x2.0 GHz Cortex-A55)			
	GPU	Mali-G57 MC2			
MEMORY	Card slot	microSDXC (dedicated slot)			C/NC
	Internal	128GB 8GB RAM			
REAR CAMERA	Single	8 MP, AF	C/NC		
FRONT CAMERA	Video Single	1080p@30fps 2MP	C/NC		
AUDIO and VIDEO		<p>Yes, with stereo speakers</p> <p><b>Audio Playing Format</b> MP3, M4A, 3GA, AAC, OGG, OGA, WAV, AMR, AWB, FLAC, MID, MIDI, XMF, MXMF, IMY, RTTTL, RTX, OTA</p> <p><b>Video Playing Format</b> MP4, M4V, 3GP, 3G2, AVI, FLV, MKV, WEBM</p> <p><b>Video Playing Resolution</b> FHD (1920 x 1080)@60fps</p>	C/NC		
CONNECTIVITY	Ear jack	3.5mm stereo	C/NC		
	WLAN	Wi-Fi 802.11 a/b/g/n/ac, dual-band, Wi-Fi Direct			
	Bluetooth	v5.3, A2DP, LE			
	Positioning	GPS, GLONASS, BEIDOU, GALILEO, QZSS			
	USB	USB Type-C 2.0			
BATTERY	Type	Li-Po 5100 mAh, non-removable	C/NC		
	Charging	15W wired			



### Firm and Team Experience

No	Criteria	Score
1	The vendor shall have 7 years' experience in undertaking similar assignments	C/NC
2	The vendor must have previously executed at least three (3) similar assignments in the last 10 years. (Evidence should be attached in the form of reference letters or completion certificates; contracts and LPO shall not be considered as proof of having done the assignment)	C/NC
3	The vendor has proposed a project manager with at least 5 years experience in handling similar assignments.	C/NC
4	The vendor has proposed 2 technicians with at least 3 years experience of carrying out similar assignments	C/NC
5	The technicians have experience in providing support & maintenance services and offering trainings/knowledge transfer.	C/NC
<b>Total</b>		C/NC

### LOT 3 (NAEB)

No	Criteria	Complied/Not Complied (C/NC)
1	The vendor must be accredited and an authorised reseller of hardware by the manufacturer.(Evidence must be attached)	C/NC
2	The vendor must have offices or partners based in Rwanda to provide on-site support whenever required. (Evidence must be attached)	C/NC
3	At least one of the technicians has certifications in Networking like CCNP, CompTIA N+ or their equivalent	C/NC
<b>Total</b>		<b>C/NC</b>

### EQUIPMENT SPECIFICATIONS

#### a) Servers

Feature	Specification	Quantity	C/NC
Brand & Model	Mature internationally recognized brand, in existence for at least 10 years (bidder must specify brand, model and series). The solution components <b>MUST NOT</b> be a product that has/is reaching end of life support/end of sale in 5 years' time	4	C/NC
Form Factor	Rack Mountable server with full mounting kits and accessories.		C/NC
Processors	The server should be supplied with at least 2 x 5 <sup>th</sup> Generation  Intel Xeon Gold 65xx Scalable processors family with a minimum of 32 cores per processor.		C/NC
Memory	Support registered ECC DDR5 DIMMS		C/NC
	At minimum the servers must be supplied with at least 4TB RAM.		
Hard Drives	The system must be supplied with:		C/NC
	At least E3.S NVMe direct drives with a total capacity of 120 TB		

	The drives should be hot swappable and provide the necessary redundancy		
Storage Controller	At least Integrated 6Gbps SAS hardware RAID 0, 1, 5 and 10 and 60. Raid controller should support online capacity expansion and data scrubbing as well. Should enable Write-back, write-through, always write-back, no read-ahead		C/NC
Network Interface:	4 x 25 Gigabit Ethernet ports with full duplex /TCP/IP Offload Engine (TOE).		C/NC
Security	The servers should have the following security features enabled: <ul style="list-style-type: none"> <li>• Cryptographically signed firmware</li> <li>• Data at Rest Encryption</li> <li>• Secure Boot</li> <li>• TPM 2.0 FIPS, CC-TCG certified,</li> <li>• Secure Erase</li> <li>• Secured Component Verification</li> </ul>		C/NC
Expansion Slots	At least 8 x16 Gen5 PCIe		C/NC
IO Ports	At least 2 x VGA Port, at least 1 x USB 3.0 Slots, at least 2 x USB 2.0		C/NC
Server Management	It should have embedded server management system to provide a single point of management for the entire solution from a single pane. It should provide all configuration management, monitoring and reporting tasks.		C/NC
	Should support industry standard management interfaces of IPMI and SNMP		C/NC
Operating System	Should Support at least Microsoft windows server 2025, Ubuntu, Red Hat Linux 9, Suse Linux 15, Microsoft Hyper-V		C/NC
Power Supply	The chassis should have fully redundant N+1 power supplies.		C/NC
Support and Warranty:	At least 3 years on parts, labour and software. In addition, the equipment MUST include the manufacturer's premier technical support services including:  Accelerated hardware replacement options, Operating system updates, Access to Manufacturer's technical		C/NC

	assistance team, online troubleshooting / support tools and proactive problem diagnosis services		
Software Licenses	<ul style="list-style-type: none"> <li>The servers should be supplied with the licenses for the latest version of VMware vSphere</li> <li>Provide licenses for 15 RHEL Virtual Machines</li> <li>Veeam Data Platform Essentials Universal x15 for 3 years</li> </ul>		C/NC

## b) Inspection Devices

Component	Spec	Details	Quantity	C/NC
NETWORK	Technology	2G GSM  GSM850, GSM900, DCS1800, PCS1900  3G UMTS  B1(2100), B2(1900), B4(AWS), B5(850), B8(900)  4G FDD LTE  B1(2100), B2(1900), B3(1800), B4(AWS), B5(850), B7(2600), B8(900), B12(700), B17(700), B20(800), B28(700), B66(AWS-3)  4G TDD LTE  B38(2600), B40(2300), B41(2500)	50	C/NC
BODY	Dimensions	211 x 124.7 x 8 mm (8.31 x 4.91 x 0.31 in)		C/NC
	Weight	333 g (11.71 oz)		
	SIM	Nano-SIM, eSIM		
DISPLAY	Type	TFT LCD		C/NC
	Size	8.7 inches		
	Resolution	1340 x800 pixels (WXGA+)		
PLATFORM	OS	Android		C/NC
	Chipset	Mediatek Helio G99 (6 nm)		
	CPU	Octa-core (2x2.2 GHz Cortex-A76 & 6x2.0 GHz Cortex-A55)		

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	GPU	Mali-G57 MC2	
MEMORY	Card slot	microSDXC (dedicated slot)	C/NC
	Internal	128GB 8GB RAM	
REAR CAMERA	Single	8 MP, AF	C/NC
FRONT CAMERA	Video Single	1080p@30fps 2MP	C/NC
AUDIO and VIDEO		Yes, with stereo speakers <b>Audio Playing Format</b> MP3, M4A, 3GA, AAC, OGG, OGA, WAV, AMR, AWB, FLAC, MID, MIDI, XMF, MXMF, IMY, RTTTL, RTX, OTA  <b>Video Playing Format</b> MP4, M4V, 3GP, 3G2, AVI, FLV, MKV, WEBM <b>Video Playing Resolution</b> FHD (1920 x 1080)@60fps	C/NC
CONNECTIVITY	Ear jack	3.5mm stereo	C/NC
	WLAN	Wi-Fi 802.11 a/b/g/n/ac, dual-band, Wi-Fi Direct	
	Bluetooth	v5.3, A2DP, LE	
	Positioning	GPS, GLONASS, BEIDOU, GALILEO, QZSS	
	USB	USB Type-C 2.0	
BATTERY	Type	Li-Po 5100 mAh, non-removable	C/NC
	Charging	15W wired	

c) Network Upgrade

#	Items description	Unit	Qty	C/NC
Attachments services				
1	Services for Wall attachment	m	10	C/NC
Cable pulling (UG)				
2	FO cable pulling into HDPE pipe	m	150	C/NC
Splicing and Termination				
3	ADSS Fibre cable preparation	Each	20	C/NC
4	Fiber testing and Termination into ODF	Core	120	C/NC
5	Indoor Works	Each	2	C/NC

Supply of Civil works materials				
6	Supply flexible conduit	m	15	C/NC
Fiber materials				
7	ODF (8-12 ports, SC-UPC ports, with SM pigtails + accessories	Each	3	C/NC
8	ODF (24 SC port with Pigtails, with SM pigtails + accessories)	Each	7	C/NC
9	Fiber cable (ADSS, 24 cores, 100m Span)	m	150	C/NC
10	Helical dead end for ADSS, 80m Span	Each	2	C/NC
11	SC/UPC-SC/UPC Jumper cords 3M, duplex	Each	6	C/NC
12	SC/UPC-LC/UPC Jumper cords 3M, duplex	Each	15	C/NC
Supply of LAN accessories and Installation				
13	Data points installation, testing and labelling	Each	431	C/NC
14	Fixing access point outdoor and indoor	Each	14	C/NC
15	Supply of Power socket Normal white colour single	Each	217	C/NC
16	Supply of RJ 45 connectors for Cat 6( Applicable for CAT 6)	Each	50	C/NC
17	Supply of Power Distribution unit	unive rsal	3	C/NC
18	Installation of power cables 3x2.5mm	m	300	C/NC
19	Installation of power per power socket	Each	217	C/NC
20	Installation of Trunking (50x105,50x50,75x50, 75x75, 16x25, 16x16)	Each	360	C/NC
21	Supply and mounting of Rack 9U Wall Mount with Accessories (PDU, Cable Manager, Mounting Hardware (set of 10 cage nuts), 1Fan Top Mount)	Each	1	C/NC
22	Supply and mounting of Standalone Rack 18U, 1000x800 Server Rack, with Accessories (Cable Manager = 1, PDU of 5ports socket, all necessary of mounting accessories, with Fans for cooling purpose) , 4wells and rockers	Each	1	C/NC
23	Supply Flexible pipes 25mm	Each	7	C/NC
24	Supply metal wall plugs (cheville metallique) M10	Each	10	C/NC
25	supply of Angle	Each	110	C/NC
26	Supply of cable ties (5X400)mm	Box	14	C/NC
27	Supply of Data sockets double	Each	211	C/NC
28	Supply of Electrical cables 3x2.5mm	m	300	C/NC
29	Supply of Endcups	Each	130	C/NC
30	supply of insulating tape 3M	Each	15	C/NC
31	Supply of plastic wall plug 8mm	Box	30	C/NC

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32	Supply of Screws 8mm	Box	15	C/NC
33	Supply of Trunking 16x25	Each	13	C/NC
34	Supply of Trunking 50x105	Each	360	C/NC
35	Supply of SFTP cable CAT 6; Supports Gigabit Ethernet (1000 Base-T) standard, operates at a bandwidth up to 250 Mhz, 4-pair shielded twisted pair cable, High Density Polyethylene Insulation	Box	48	C/NC
36	Supply of UTP cables cat6, TIA / EIA 568- C.2, conductor 24 AWG solid bare copper, insulator made in Polyethylene, operating temperature 20 Deg. C to +80 Deg. C, minimum operating frequency 600Mhz	Box	0	C/NC
37	Supply of UTP Patch cords of 1 meter	Each	431	C/NC
38	Supply of UTP Patch cords of 3 meters	Each	211	C/NC
39	Supply Patch panel 24 ports	Each	24	C/NC
40	UTP, SFTP, FTP laying cable	m	14,640	C/NC
41	Data & Power cables with sockets removal	m	10,000	C/NC
42	Trunking with accessories removing	Each	200	C/NC
43	Supply of Support double for Data Socket (50x105, 50x100mm)	Each	211	C/NC
44	Supply of Support single for Data Socket (50x105, 50x100mm)	Each	217	C/NC

**Firm and Team Experience**

No	Criteria	Score
1	The vendor shall have 7 years' experience in undertaking similar assignments	C/NC
2	The vendor must have previously executed at least three (3) similar assignments in the last 10 years. (Evidence should be attached in the form of reference letters or completion certificates; contracts and LPO shall not be considered as proof of having done the assignment)	C/NC
3	The vendor has proposed a project manager with at least 5 years experience in handling similar assignments.	C/NC
4	The vendor has proposed 2 technicians with at least 3 years experience of carrying out similar assignments	C/NC
5	The technicians have experience in providing support & maintenance services and offering trainings/knowledge transfer.	C/NC
<b>Total</b>		C/NC

**PART C - General and Technical proposal Format**

The Technical response to the ITT **MUST** be presented in the following format. The max no. of pages **MUST** be adhered to.

Proposal Section	
Table of Content (with active links to respective pages)	
Executive Summary	
Introduction	
Part 1	Technical proposal
<b>Annexes</b>	Annex 1: Certificate/Evidence of Completion of assignments/letter of acceptance/delivery note
	Annex 2: Proof to be accredited providers of maintenance services of equipment appointed by distributors or the manufacturers.
	Annex 3: Product catalogue providing a clear description of the equipment and specification.
<b>Max. no of pages 150.</b>	

- 4) The evaluated price shall be inclusive of all costs and taxes including Value Added Tax (VAT) for all the items to be supplied and delivered in each and every location. Taxes shall be shown as a separate line item.
  
- 5) Government Tax Obligations  
 The following tax laws shall apply:
  - Rwanda Government tax laws shall apply to the contract.
  
- 6) AWARD OF PURCHASE ORDER. The award will be made to the bidder offering the lowest evaluated price and that meets the required standards of technical and financial capabilities. TMA reserves the right to accept or reject any Bid, and to annul the bidding process and reject all Bids at any time prior to Contract award, without thereby incurring any liability to any Bidder.
  
- 7) VALIDITY OF THE BID: Your bid should be valid for a period of Ninety (90) days from the deadline for receipt of bid indicated in Clause 4 (b) - of this Invitation To Tender.



- 8) DEVIATIONS, RESERVATIONS, AND OMISSIONS: During the evaluation of bids, the following definitions apply:
- (a) “Deviation” is a departure from the requirements specified in the Bidding Document;
  - (b) “Reservation” is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the Bidding Document; and
  - (c) “Omission” is the failure to submit part or all of the information or documentation required in the Bidding Document.

- 9) DETERMINATION OF RESPONSIVENESS: Determination of a bid’s responsiveness is to be based on the contents of the bid itself.

A substantially responsive bid is one that meets the requirements of the Bidding Document without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that, if accepted, would: -

- (i) Affect in any substantial way the scope, quality, or performance of the Works specified in the Contract; or
- (ii) Limit in any substantial way, inconsistent with the Bidding Document, TMA’s rights or the Bidder’s obligations under the proposed Contract; or
- (iii) If rectified, would unfairly affect the competitive position of other Bidders presenting substantially responsive bids.

TMA shall examine the technical aspects of the bid submitted in particular, to confirm that all requirements have been met without any material deviation, reservation or omission.

If a bid is not substantially responsive to the requirements of the Bidding Document, it shall be rejected by TMA and may not subsequently be made responsive by correction of the material deviation, reservation, or omission.

- 10) NONCONFORMITIES, ERRORS, AND OMISSIONS: Provided that a bid is substantially responsive, TMA may waive any non-conformity in the bid.

Provided that a bid is substantially responsive, TMA may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities in the bid related to documentation requirements. Requesting information or documentation on such nonconformities shall not be related to any aspect of the price of the bid. Failure of the Bidder to comply with the request may result in the rejection of its bid.

Provided that a bid is substantially responsive, TMA shall rectify quantifiable nonmaterial nonconformities related to the Bid Price. To this effect, the Bid Price may be adjusted, for comparison purposes only, to reflect the price of a missing or non-conforming item or component.

- 11) TMA’S RIGHT TO VARY QUANTITIES AT THE TIME OF AWARD: At the time of award, TMA reserves the right to increase or decrease the quantity of the Goods and Related Services originally specified in the Schedule of Supply, provided this does not exceed 20% of the original quantity and without any change in the unit prices or other terms and conditions of the Bidding document.

- 12) Further information can be obtained from:

TradeMark Africa

Procurement Unit

All queries quoting the above Tender Title and Number should be emailed to [procurement@trademarkafrica.com](mailto:procurement@trademarkafrica.com). TMA cannot answer any query relating to this tender seven days or less prior to the submission deadline.

- 13) Under TMA's Policy on Preventing, Detecting and Remediating Fraud and Corruption, bidders shall observe the highest standard of ethics during the procurement and execution of such contracts. TMA will reject a proposal for award, and will impose sanctions on parties involved, if it determines that the bidder recommended for award or any other party, has engaged in corrupt, fraudulent, collusive, or coercive practices in competing for, or in executing, the Contract.
- 14) COMPLAINTS: Any questions, queries or concerns about the procurement process should be raised directly with the Head of Procurement in the first instance via [procurement@trademarkafrica.com](mailto:procurement@trademarkafrica.com) who will address the matters raised. If the matter is not satisfactorily resolved, the complainant is encouraged to write to [complaints@trademarkafrica.com](mailto:complaints@trademarkafrica.com)

Sincerely,

**Head of Procurement,**

**TradeMark Africa (TMA)**

**[procurement@trademarkafrica.com](mailto:procurement@trademarkafrica.com)**

**I. AGREEMENT**

This CONTRACT AGREEMENT (“Contract”) is made as of the [day] of [month], [year], between, [full legal name of the Implementing Agency] (“TMA”), on the one part, and [full legal name of the Supplier] (“Supplier”), on the other part.

**RECITALS**

WHEREAS:

- (a) TradeMark Africa (TMA) invited bids for the supply of those goods on the terms and conditions set forth in this Contract and has accepted a bid by the Supplier for [ITT Number: PRQ20241122 - Supply, Delivery And Installation Of Infrastructure To The Rwanda Inspectorate, Competition And Consumer Protection Authority (RICA), Rwanda Standards Board (RSB) And National Agricultural Export Development Board (NAEB)]

THEREFORE, the parties hereto agree as follows:

- (b) In consideration of the payments to be made by TMA to the Supplier as set forth in this Contract, the Supplier hereby covenants with TMA to provide the Goods and Related Services and to remedy defects therein in conformity in all respects with the provisions of this Contract.
- (c) Subject to the terms of this Contract, TMA hereby covenants to pay the Supplier in consideration of the provision of the Goods and Related Services and the remedying of defects therein, the Contract Price (as defined below) or such other sum as may become payable under the provisions of this Contract at the times and in the manner prescribed by this Contract.

IN WITNESS whereof the parties hereto have caused this Contract to be executed on the day, month and year first indicated above.

**TradeMark Africa**

**Supplier:**

**Name:**

**Name:**

**Position:**

**Position:**

**Signature: .....**

**Signature: .....**

**Date: .....**

**Date: .....**

**II. TERMS AND CONDITIONS OF SUPPLY**

**Project Name:** PRQ20241122 - SUPPLY, DELIVERY AND INSTALLATION OF INFRASTRUCTURE TO THE RWANDA INSPECTORATE, COMPETITION AND CONSUMER PROTECTION AUTHORITY (RICA), RWANDA STANDARDS BOARD (RSB) AND NATIONAL AGRICULTURAL EXPORT DEVELOPMENT BOARD (NAEB)

**Implementing Agency:** TradeMark Africa

**Recipient:** Rwanda Inspectorate, Competition And Consumer Protection Authority (RICA), Rwanda Standards Board (RSB) And National Agricultural Export Development Board (NAEB)

**Consignee:** \_\_\_\_\_ **Package No.** \_\_\_\_\_

1. Schedule for Supply

S. No	Item No	Quantity	Delivery Time

Specify, if applicable:

- Spare Parts
- Tools and Accessories
- Manuals
- Maintenance Requirements

2. Fixed Price: The prices indicated above are firm and fixed and not subject to any adjustment during contract performance.
3. Delivery Schedule: The delivery should be completed as per above schedule but not exceeding thirty (30) days from the date of signing of contract.
4. Insurance: The Goods supplied under the Contract shall be fully insured in a freely convertible currency against loss of damage incidental to manufacture or acquisition, transportation, storage and delivery. The insurance shall be in an amount equal to 110 percent of the value of the Goods on from “warehouse “to “warehouse” on “All risks” basis. All risks, meaning the insurance cover shall include all kinds of risks including risks in times of war and strikes.
5. Applicable Law: The Contract shall be interpreted in accordance with the laws of **Republic of Rwanda**.

6. Resolution of Disputes: TMA and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute between them under or in connection with the Contract. In the event the dispute remained unresolved between TMA and the Supplier, the dispute shall be settled by a single person adjudicator to be named and agreed upon by both parties whose decision is final, not appealable and immediately executory.
7. Delivery and Documents: Upon shipment (if applicable) or in case of in-land delivery, the Supplier shall notify TMA and the Insurance Company by e-mail or any expeditious way of delivery, the full details of shipment/delivery of the goods, including purchase order number, description of goods, packing list showing the quantity, the vessel or truck/vehicles, the Forwarding Receipt from freight Company showing full details, port of loading(as applicable) , delivery dates, port of discharge or place of destination and unloading, etc. The Supplier shall mail the following documents to TMA, with a copy to the Insurance Company:
  - (i) Copies of the Supplier's invoice showing goods' description, quantity, unit price, and total amount;
  - (ii) Duplicate air/ truck transport document and/ or duplicate of railway transport document (as applicable), and/or duplicate FCR (Forwarders Certificate of Receipt) in 1 Original and 2 Copies marked "Freight Prepaid";
  - (iii) Copies of the packing list identifying contents of each package;
  - (iv) Manufacturer's or supplier's warranty certificate;
  - (v) Certificate of origin;
  - (vi) Certificate of quality.

The above documents shall be received by TMA at least one week before arrival of the goods at the port or place of arrival (as applicable) or destination and, if not received, the Supplier shall be responsible for any consequent expenses.

8. Payment: payments will be made upon presentation of invoice supported by delivery receipts and a certificate of acceptance on the delivered goods and other required supporting documents as appropriate to be made through direct payments in favor of the supplier.
9. Warranty: Goods offered should be covered by manufacturer's warranty for at least 12 months from the date of delivery to TMA. Please specify warranty period and terms in detail.
10. Packaging and Marking Instructions: The Supplier shall provide standard packing of the Goods as required preventing their damage or deterioration during transit to their final destination, as indicated in the Contract.

11. Defects: All defects will be corrected by the Supplier without any cost to TMA within 30 days from the date of notice by TMA. The name and address of service facility where the defects are to be corrected by the supplier within the warranty period are:

Address \_\_\_\_\_  
\_\_\_\_\_

12. Force Majeure: The supplier shall not be liable for penalties or termination for default if and to the extent that its' delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

For purposes of this clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but not restricted to, act of TMA in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

If a Force Majeure situation arises, the Supplier shall promptly notify TMA in writing of such condition and the cause thereof. Unless otherwise directed by TMA in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by Force Majeure event.

13. Required Technical Specifications:

- (i) General Description
- (ii) Specific details and technical standards

Supplier confirms compliance with the specifications [Note: In case of deviations supplier to list all such deviations.]

14. Failure to Perform: TMA may cancel or terminate the Agreement in accordance with the terms and conditions and as described below:

Termination by TMA

Termination for Default:

Without prejudice to any other remedies that may be available to it for breach of this Contract, TMA, upon written notice to the Supplier, may terminate this Contract, in whole or in part, in case of the occurrence of any of the events specified in sub-paragraphs (a) through (f) below:

- (a) If the Supplier, in the judgment of TMA or TMA, fails to perform its obligations relating to the use of funds, termination under this provision shall (i) become effective immediately upon delivery of the notice of termination and (ii) require that the Supplier repay any and all funds so misused within a maximum of thirty (30) days after termination.
- (b) If the Supplier fails to deliver or perform any or all of the Goods or Related Services within the period specified in this Contract, or within any extension thereof granted by TMA. Termination

under this provision shall become effective immediately upon the expiration of thirty (30) days after delivery of the notice of termination or such later date as may be specified by TMA. In the event that TMA terminates this Contract in whole or in part, pursuant to this sub-paragraph, TMA may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to TMA for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of this Contract to the extent not terminated.

- (c) If the Supplier does not remedy a failure to perform any of its other obligation under this Contract (other than a failure contemplated by sub-paragraphs (a) or (b) immediately preceding this sub-paragraph) within thirty (30) days after delivery of the notice of termination or within any further period of time approved in writing by TMA. Termination under this provision shall become effective immediately upon the expiration of the thirty (30) days or such later date as may be specified TMA.
- (d) If, as the result of an event of Force Majeure, the Supplier is unable to perform a material portion of its obligations for a period of not less than sixty (60) days. Termination under this provision shall become effective upon the expiration of thirty (30) days after delivery of the notice of termination or on such later date as may be specified by TMA.
- (e) If the Supplier fails to comply with any final decision reached as a result of arbitration proceedings. Termination under this provision shall become effective upon the expiration of thirty (30) days after delivery of the notice of termination or on such later date as may be specified by TMA.
- (f) If the Supplier (or any Subcontractor or any of their respective personnel), in the judgment of MEA, has, directly or through an agent, engaged in coercive, collusive, corrupt, fraudulent, obstructive, or prohibited practices in competing for or in the performance of this Contract. Termination under this provision shall become effective immediately upon delivery of the notice of termination.

#### Termination for Insolvency

TMA may at any time terminate this Contract by giving notice to the Supplier if the Supplier becomes insolvent or bankrupt, and/or fails to exist or is dissolved. Termination under this provision shall become effective immediately upon delivery of the notice of termination or on such other date as may be specified by TMA in such notice of termination. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to TMA.

#### Termination for Convenience

- (a) TMA, by notice sent to the Supplier, may terminate this Contract, in whole or in part, at any time in its sole discretion for its convenience. The notice of termination shall specify that termination is for TMA's convenience, the extent to which performance of the Supplier under this Contract is terminated, and the date upon which such termination becomes effective.
- (b) In the case of any termination in accordance with the conditions of contract, the Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of

notice of termination shall be accepted by TMA at this Contract terms and prices. For the remaining Goods, TMA may elect:

- To have any portion completed and delivered at the terms and prices set forth in this Contract; and/or
- To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

#### Suspension or Termination Related to the Funding or Applicable Law

- (a) TMA, by notice sent to the Supplier, may suspend or terminate this Contract, in whole or in part, if the funding expires, is suspended or terminates in whole or in part in accordance with the terms of the funding. Suspension or termination under this provision shall become effective immediately upon delivery of the notice of suspension or termination, as the case may be, in accordance with the terms of the notice. If this Contract is suspended the Supplier has an obligation to mitigate all expenses, damages and losses to TMA during the period of the suspension.
- (b) TMA, by notice sent to the Supplier, may suspend or terminate this Contract, in whole or in part, if suspension or termination is permitted under Applicable Law. Suspension or termination under this provision shall become effective immediately upon delivery of the notice of suspension or termination, as the case may be, in accordance with the terms of the notice. If this Contract is suspended the Supplier has an obligation to mitigate all expenses, damages and losses to TMA during the period of the suspension.

#### Liquidated Damages

If the Supplier fails to deliver any or all of the goods within the period (s) specified in the contract, TMA shall, without prejudice to its other remedies under the contract, deduct from the contract prices liquidated damages sum equivalent to 2% for every week's delay of the delivered price of the delayed items up to a maximum deduction of 10% of the delayed goods.

In the case of non-performance by the Supplier after the application of the maximum fine, TMA shall have all rights, after giving written notice to the Supplier, to:

- a. Exercise any performance guarantee;
- b. Terminate the contract; and
- c. Enter into a contract with a third party at the Supplier's cost.



### III. Bid Submission Form

[The Bidder shall complete this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted].

**Re:** PRQ20241122:

**Bid Ref:** SUPPLY, DELIVERY AND INSTALLATION OF INFRASTRUCTURE TO THE RWANDA INSPECTORATE, COMPETITION AND CONSUMER PROTECTION AUTHORITY (RICA), RWANDA STANDARDS BOARD (RSB) AND NATIONAL AGRICULTURAL EXPORT DEVELOPMENT BOARD (NAEB)

We, the undersigned, declare that:

- a) We have examined and have no reservations to the Bidding Document.
- b) We offer to supply in conformity with the Bidding Document and in accordance with the Delivery Schedules specified in Schedule of Requirements.
- c) The total lump-sum price of our Bid, excluding any discounts offered in item (d) below is: [insert the total Bid price in words and figures, including the various amounts and respective currencies].
- d) The discounts offered and the methodology for their application are:
  - (i) Discounts: If our Bid is accepted, the following discounts shall apply. [Specify in detail each discount offered and the specific item of Schedule of Requirements to which it applies].
  - (ii) Methodology of Application of the Discounts: The discounts shall be applied using the following: [Specify in detail the method that shall be used to apply the discount]
- e) Our Bid shall be valid from the date fixed for the Bid submission deadline in accordance with this ITT, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
- f) We, including any Subcontractors or sub-suppliers for any part of the Contract, have nationalities from eligible countries [Insert the nationality of the Bidder, including that of all parties that comprise the Bidder, if the Bidder is a joint venture, and the nationality of each Subcontractor and supplier].
- g) We are aware of, and will comply with, the rules on prohibited activities, restricted parties and eligibility requirements of prohibited source provisions in accordance with applicable law, regulations and policy.
- h) The following commissions, gratuities, or fees have been paid or are to be paid with respect to the Bid process or execution of the Contract: [Insert complete name of each recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity]

Name of Recipient	Address	Reason	Amount
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(If none has been paid or is to be paid, indicate “none.”)

- i) We understand that this Bid, together with your written acceptance thereof included in your Notification of Award, shall constitute a binding contract between us, until a formal Contract is prepared and executed.
- j) We understand that you are not bound to accept the lowest evaluated Bid or any other Bid that you may receive.

Signed:

Name:

In the capacity of:

Duly authorized to sign on behalf of:

Date:

Email address:



## SECTION I - TERMS OF REFERENCE

### SUPPLY, DELIVERY AND INSTALLATION OF ICT INFRASTRUCTURE TO THE RWANDA INSPECTORATE, COMPETITION AND CONSUMER PROTECTION AUTHORITY (RICA), RWANDA STANDARDS BOARD (RSB) AND NATIONAL AGRICULTURAL EXPORT DEVELOPMENT BOARD (NAEB)

#### 1.0 BACKGROUND

To promote intra-African trade and increase Africa's global trade share, the Trade Management and Assistance (TMA) organization focuses on several key areas. One of its primary objectives is to reduce trade barriers to improve the continent's trade environment. To achieve these goals, TMA collaborates with existing partners and establishes new ones, including Regional Economic Communities (RECs), governments, and intergovernmental entities across Africa. These collaborations aim to design and implement interventions that address legal, regulatory, and technical capacities. The organization's interventions span national, regional, continental, and global levels, covering various technical areas, including digital initiatives.

Funded by the Mastercard Foundation (MCF), the Value-adding Initiative to Boost Employment (VIBE) is a five-year programme aiming to increase dignified and fulfilling employment for youth, particularly among excluded groups such as women, refugees, and persons with disabilities in Rwanda. VIBE responds to the Mastercard Foundation's 10-year Young Africa Works (YAW) strategy, launched in Rwanda in 2018, to provide opportunities for young people in Africa to secure dignified and fulfilling work. TradeMark Africa (TMA) is jointly implementing VIBE with The International Trade Centre (ITC) working together with relevant government and private sector institutions in Rwanda.

The programme will mainly work with micro, small and medium-sized enterprises (MSMEs) in the agriculture sector and aims to empower youth to access dignified and fulfilling jobs by enabling MSMEs to better access and benefit from markets. The programme targets systemic change, through working directly with MSMEs by providing firm-level support, collaborating with the private sector federation and member organizations for business advocacy, and with government ministries, departments, and agencies to address systemic barriers to trade to ensure the sustainability of the programme. Also, through various workstreams, VIBE targets to support 22,450 MSMEs through interventions that will address structural and business level constraints and consequently create an estimated 42,930 jobs for the youth (70% young women) over the five years of the programme, that is, from 2023 to 2028.

The VIBE programme will address systemic constraints by facilitating an enabling environment through advocacy, supporting initiatives for the selected sectors, and building the digital capacity for the National Post Office to support the effective growth of eCommerce in Rwanda. The programme will enable the government to offer digital services to businesses and traders and enhance the quality and transparency of commodities and supply chains for accessing export markets. Also, the programme aims to facilitate the advocacy and monitoring of the industry's performance and enhance the capacity of Rwanda's Quality Infrastructure and SPS Institutions to promote trade in agricultural goods.

TMA proposes job creation as a central theme for this programme and has designed the VIBE Programme as the nexus between enabling a suitable environment for business, trade, and inclusivity. The programme will focus on increasing



market access for agriculture value chains, supporting the burgeoning hospitality sector, harnessing the digital economy, and facilitating inclusion for underserved groups such as young women, young refugees, and youths with disabilities. Additionally, it will contribute to addressing some of the underlying causes of underemployment and unemployment of youth in Rwanda.

Bearing this in mind, TMA is seeking a vendor to supply, delivery and install infrastructure to National Agricultural Development Export Board (NAEB), Rwanda Standards Board (RSB), Rwanda Inspectorate Competition and Consumer Protection Authority (RICA).

## 2.0 Objectives

To upgrade infrastructure for RSB, RICA and NAEB to support the rollout of new systems. The assignment is divided into 3 lots: lot 1 for RSB, lot 2 for RICA and lot 3 for NAEB. The vendor may bid for one or all the 3 lots.

## 3.0 Deliverables

The contract firm will be expected to carry out the following:

- a) Supply ICT equipment and its peripherals stated in Annex to RSB, RICA and NAEB
- b) Install and test the ICT equipment, peripherals and software as per international standards
- c) Provide at least 2 knowledge sessions each agency (RSB, RICA and NAEB) with regards to operating, supporting and maintaining the supplied hardware and software
- d) Provide warranty and maintenance services for all equipment for a period of not less than 3 years. This will be in line with standardized care park recommended by manufacturers.

## 4.0 Recipient

The beneficiary of this assignment is

- a) RSB
- b) RICA
- c) NAEB
- d) TMA

## 5.0 Reporting and Coordination

The lead persons for the assignment include:

- a) Project Lead - TMA
- b) Head of ICT - RSB
- c) Project lead - NAEB
- d) Project lead - RICA

The vendor shall be required to provide an inception report within 7 working days from the contract start date. This report shall outline the plan for carrying out the objectives of this assignment and this includes highlighting a workplan, installation, training and maintenance of the equipment will be undertaken, with clearly stated milestones, timeframes and the deliverables expected.

Also, it is anticipated that the vendor will regularly update the workplan to reflect



- a) Completed activities.
- b) Activities to be undertaken
- c) Delays experienced and reasons for the delays
- d) Challenges encountered and proposed mitigation measures
- e) Specific action or involvement required from the project teams

## 6.0 Timeframe

The exercise is expected to take a maximum of 4 months, with specific deliverables expected as indicated above.

## 7.0 Qualifications

- The vendor is expected to meet the following requirements to undertake the assignment.
- The vendor shall have 7 years' experience in undertaking similar assignments
- The vendor must have previously executed at least three (3) similar assignments in the last 10 years
- The team should consist of a project manager and at least two technicians who must be certified in any of the following areas:
  - Networking: CompTIA N+ and/or CCNP or equivalent
  - Security: COMPTIA Security+ and/or CISCO Network Security or equivalent
  - Server environments: Microsoft and/or Linux
- The project manager must have a minimum of 5 years' experience in carrying out similar assignments
- The technicians should have at least 3 years' experience in carrying out similar assignments.
- The vendor must be accredited and an authorised reseller of hardware by the manufacturer
- The vendor must also be an accredited providers of maintenance services by equipment appointed distributors or the manufacturers.
- The vendor must have offices or partners based in Rwanda to provide on-site support whenever required
- Good report writing and communication skills



## ANNEX: TECHNICAL SPECIFICATIONS

### RSB Hardware and Peripherals (LOT 1)

#### i) Server

Item No	Feature	Specification	Quantity
1	Brand & Model	Mature internationally recognized brand, in existence for at least 10 years (bidder must specify brand, model and series). The solution components <b><u>MUST NOT</u></b> be a product that has/is reaching end of life support/end of sale in 5 years' time	5
2	Form Factor	Rack Mountable server with full mounting kits and accessories.	
3	Processors	The server should be supplied with at least 2 x 5 <sup>th</sup> Generation Intel Xeon Gold 65xx Scalable processors family with a minimum of 32 cores per processor.	
4	Memory	Support registered ECC DDR5 DIMMS	
		At minimum the servers must be supplied with at least 4TB RAM.	
5	Hard Drives	The system must be supplied with:	
		At least E3.S NVMe direct drives with a total capacity of 120 TB	
		The drives should be hot swappable and provide the necessary redundancy	
6	Storage Controller :	At least Integrated 6Gbps SAS hardware RAID 0, 1, 5 and 10 and 60. Raid controller should support on line capacity expansion and data scrubbing as well. Should enable Write-back, write-through, always write-back, no read-ahead	
7	Network Interface:	4 x 25 Gigabit Ethernet ports with full duplex /TCP/IP Offload Engine (TOE).	
8	Security	The servers should have the following security features enabled: <ul style="list-style-type: none"> <li>• Cryptographically signed firmware</li> <li>• Data at Rest Encryption</li> <li>• Secure Boot</li> </ul>	



		<ul style="list-style-type: none"> <li>• TPM 2.0 FIPS, CC-TCG certified,</li> <li>• Secure Erase</li> <li>• Secured Component Verification</li> </ul>	
9	Expansion Slots	At least 8 x16 Gen5 PCIe	
10	IO Ports	At least 2 x VGA Port, at least 1 x USB 3.0 Slots, at least 2 x USB 2.0	
	Server Management	It should have embedded server management system to provide a single point of management for the entire solution from a single pane. It should provide all configuration management, monitoring and reporting tasks.	
		Should support industry standard management interfaces of IPMI and SNMP	
11	Operating System	Should Support at least Microsoft windows server 2025, Ubuntu, Red Hat Linux 9, Suse Linux 15, Microsoft Hyper-V	
12	Power Supply	The chassis should have fully redundant N+1 power supplies.	
	Support and Warranty:	At least 3 years on parts, labour and software. In addition, the equipment MUST include the manufacturer's premier technical support services including:  Accelerated hardware replacement options, Operating system updates, Access to Manufacturer's technical assistance team, online troubleshooting / support tools and proactive problem diagnosis services	
13	Software Licenses	<ul style="list-style-type: none"> <li>• The servers should be supplied with the licenses for the latest version of VMware vSphere</li> <li>• Provide licenses for 15 RHEL Virtual Machines</li> <li>• Veeam Data Platform Essentials Universal x15 for 3 years</li> </ul>	



**ii) Network Backup**

Item	Description	Quantity
<b>NAS/SAN Backup Solution</b>	10 TB NAS with RAID-5/6 and offsite replication	2

**iii) End User Tablets**

Item	Description		Quantity
<b>Tablets</b>	<b>Display</b>	10.5-inch touchscreen with 1920 x1200 resolution	32
	<b>Operating System</b>	Android OS	
	<b>Processor</b>	Quad-core processor	
	<b>Storage</b>	128GB	
	<b>RAM</b>	8GB	
	<b>Connectivity</b>	Wi-Fi and 4G	
	<b>Battery</b>	6000Mah	





	<b>Cameras</b>	8MP Rear and 5MP front	
	<b>Additional Features</b>	Bluetooth and GPS	

**iv) Customer Feedback tablets**

<b>Item</b>	<b>Feature</b>	<b>Specification</b>	<b>Quantity</b>
System	CPU	RK3288, Quad core A17, 1.6GHz	10
	RAM	4GB	
	Internal memory	16GB	
	Operation system	Android OS	
	Touch screen	10-Point capacitive touch	
Display	Panel	10.1"LCD IPS panel	
	Resolution	1280*800	
	Contrast ratio	800	
	Luminance	250cd/m2	
	Aspect Ratio	16:10	
Network	Wi-Fi	802.11b/g/n	
	Ethernet	RJ45,100M/1000M	
	Bluetooth	BT 4.0	
Interface	Card slot	TF, support up to 32GB	
	USB	USB slave	
	USB	USB host x4	
	HDMI	HDMI output	
	Power jack	DC power input	
	Earphone	3.5mm earphone with microphone	
	Serial port	USB type serial port	
	RJ45	RJ45,100M/1000M (POE function, optional, IEEE 802.3at)	
Media play	Video format	MPEG-1, MPEG-2, MPEG-4,H.263,H.264,VC1,RV , supports up to 4K	
	Audio format	MP3/WMA/AAC etc.	
	Photo	jpeg	
	NFC	NFC,13.56MHz(optional)	
	4G LTE	Optional	
Other	Microphone	Dual mic	
	Speaker	2*2W	



	Camera	2.0MP front camera (optional Binocular camera)	
	Microphone	Yes	
	Language	English	
	Working temperature	0–40degree	
	Colour	Black	
Accessories	Adapter	Adapter,12V/1.5A	

Item	Description	Quantity
<b>Tablet Stands/Mounts</b>	Ergonomic stands or mounts designed to securely hold the feedback tablets in strategic locations at RSB divisions’ reception areas	10

**v) Networking Devices**

Item	Description	Quantity
<b>High-Performance Switches</b>	Managed switches with Gigabit Ethernet, PoE+ capability, and 10Gb uplinks. Supports VLANs, QoS, and stackability.	14 units
<b>SFP Modules</b>	Gigabit SFP modules for fiber optic uplinks.	6 units
<b>Firewall and Security Appliances</b>	Next-generation firewalls with intrusion detection, VPN, and secure internet access.	2 units



<b>Enterprise-Grade Routers</b>	Redundant routers with multi-WAN failover and load balancing for uninterrupted internet access.	2 units
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**vi) Wireless Equipment**

<b>Item</b>	<b>Description</b>	<b>Quantity</b>
<b>Enterprise Wireless Access Points</b>	Dual-band enterprise wireless access points supporting Wi-Fi 6 (802.11ax) with MU-MIMO, BLE/Zigbee support, 2x2:2 streams (2.4GHz/5GHz), Beamforming, and 802.3at PoE support.	22
<b>Wireless Controller</b>	Centralized platform for managing wireless access points.	1
<b>Outdoor Access Points</b>	Rugged, weatherproof outdoor access points for extended Wi-Fi coverage.	4

**vii) Data Cabling and Connectivity**

<b>Component</b>	<b>Description</b>	<b>Quantity</b>
<b>Fiber Optic Cabling (ADSS)</b>	24-core fiber optic cabling for long-distance transmission between divisions and buildings.	780 meters



<b>Category 6a Ethernet Cabling</b>	High-performance UTP cables rated for 10Gbps transmission.	67 boxes
<b>Trunking and Cable Management</b>	Structured trunking systems to manage fiber optic and Ethernet cabling.	954 units
<b>Patch Panels (24 Ports)</b>	24-port patch panels for terminating Ethernet cabling in network racks.	20 units
<b>Cable Managers</b>	Panel-style cable managers for efficient cable routing and airflow improvement.	3 units

**viii) Server Room and Data Center Equipment**

<b>Item</b>	<b>Description</b>	<b>Quantity</b>
<b>6U Network Rack</b>	Wall-mounted rack for networking equipment housing	1
<b>9U Network Rack</b>	Wall-mounted rack for networking equipment housing	1



<b>42U Rack</b>	standalone racks for housing networking and server equipment for each of three server room (Main, Telecom & Pharma server room	3
<b>Power Backup (UPS)</b>	At least 10Kva	2
<b>Cooling Solutions</b>	Rack-mounted fans and air conditioning systems for proper thermal management.	2



## RICA Hardware and Peripherals (LOT 2)

### b) Network

#	Items description	Unit	Qty
Fiber materials			
1	LC/UPC-LC/UPC Jumper cords 3M, duplex	Each	1
Supply of LAN accessories and Installation			
2	Data points installation, testing and labelling	Each	44
3	Fixing access point outdoor and indoor	Each	2
4	Supply of RJ 45 connectors for Cat7 and Cat 6A	Each	10
5	Supply of RJ 45 connectors for Cat 6(Applicable for CAT 6)	Each	6
6	Installation of power cables 3x2.5mm	m	5
7	Installation of Trunking (50x105,50x50,75x50, 75x75, 16x25, 16x16)	Each	30
8	Supply of cable ties (5X400)mm	Box	1
9	Supply of Data sockets double	Each	16
10	Supply of Electrical cables 3x2.5mm	m	5
11	Supply of Endcups	Each	10
12	supply of insulating tape 3M	Each	1
13	Supply of plastic wall plug 8mm	Box	3
14	Supply of Screws 8mm	Box	2
15	Supply of trunking 50x105	Each	30
16	Supply of SFTP cable CAT 6; Supports Gigabit Ethernet (1000 Base-T) standard, operates at a bandwidth of up to 250 Mhz, 4- pair shielded twisted pair cable, High Density Polyethylene Insulation	Box	3
17	Supply of STP cables CAT 7; Meets IEC 61156, ISO/IEC 11801 requirements, 4 individually shielded twisted pairs, overall braid shielded and jacketed with heavy-duty FR-PVC jacket for outdoor use, support high bandwidth digital applications with low BER and high data rates, Operating temperature: - 40°C - +60°C (-40°F - +140°F), frequency range 1-1000 MHz	Roll	1
18	Supply of UTP Patch cords of 1 meter	Each	44



19	Supply of UTP Patch cords of 3 meters	Each	25
20	Supply Patch panel 24 ports	Each	1
21	UTP, SFTP, FTP laying cable	m	800
22	Server room relocation works	Each	1
23	Supply of Support double for Data Socket (50x105, 50x100mm)	Each	16
24	Termination of cable into patch panel (Cost per Cable)	Each	32
<b>IP Equipment</b>			
25	Catalyst 9200L 24-port PoE+, 4 x 1G, Network Advantage	Each	2
26	GBIC (SFP MODULE)-Normal.	Each	2
<b>Wireless items</b>			
27	Ruckus R650 dual-band 802.11abgn/ac/ax Wireless Access Point with Multi-Gigabit Ethernet backhaul, 4x4:4 + 2x2:2 streams, OFDMA, MU-MIMO, BeamFlex+, dual ports, PoH/uPoE/802.3at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty	Each	1
28	Ruckus R850 dual-band 802.11abgn/ac/ax Wireless Access Point with Multi-Gigabit Ethernet backhaul, 8x8:8 streams (5GHz) 4x4:4 streams (2.4GHz), OFDMA, MU-MIMO, BeamFlex+, dual ports, PoH/uPoE/802.3at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty.	Each	1
<b>MSS Service</b>			
29	<b>Fortigate 200F</b> (FortiGate 200F FG-200F 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) & <b>License</b> (FortiGate-200F Hardware plus 3 Years – Advanced Threat Protection)	Each	2



c) Hosting resources

ICT Inspection Tablets

Component	Spec	Details	Quantity
NETWORK	Technology	2G GSM GSM850, GSM900, DCS1800, PCS1900 3G UMTS B1(2100), B2(1900), B4(AWS), B5(850), B8(900) 4G FDD LTE B1(2100), B2(1900), B3(1800), B4(AWS), B5(850), B7(2600), B8(900), B12(700), B17(700), B20(800), B28(700), B66(AWS-3) 4G TDD LTE B38(2600), B40(2300), B41(2500)	129
BODY	Dimensions	211 x 124.7 x 8 mm (8.31 x 4.91 x 0.31 in)	
	Weight	333 g (11.71 oz)	
	SIM	Nano-SIM, eSIM	
DISPLAY	Type	TFT LCD	
	Size	8.7 inches	
	Resolution	1340 x800 pixels (WXGA+)	
PLATFORM	OS	Android	
	Chipset	Mediatek Helio G99 (6 nm)	
	CPU	Octa-core (2x2.2 GHz Cortex-A76 & 6x2.0 GHz Cortex-A55)	
	GPU	Mali-G57 MC2	
MEMORY	Card slot	microSDXC (dedicated slot)	
	Internal	128GB 8GB RAM	
REAR CAMERA	Single	8 MP, AF	
FRONT CAMERA	Video	1080p@30fps	





	Single	2MP
AUDIO and VIDEO		<p>Yes, with stereo speakers</p> <p><b>Audio Playing Format</b> MP3, M4A, 3GA, AAC, OGG, OGA, WAV, AMR, AWB, FLAC, MID, MIDI, XMF, MXMF, IMY, RTTTL, RTX, OTA</p> <p><b>Video Playing Format</b> MP4, M4V, 3GP, 3G2, AVI, FLV, MKV, WEBM</p> <p><b>Video Playing Resolution</b> FHD (1920 x 1080)@60fps</p>
CONNECTIVITY	Ear jack	3.5mm stereo
	WLAN	Wi-Fi 802.11 a/b/g/n/ac, dual-band, Wi-Fi Direct
	Bluetooth	v5.3, A2DP, LE
	Positioning	GPS, GLONASS, BEIDOU, GALILEO, QZSS
	USB	USB Type-C 2.0
BATTERY	Type	Li-Po 5100 mAh, non-removable
	Charging	15W wired

**NAEB Hardware and Peripherals (LOT 3)**

**d) Servers**

Item No	Feature	Specification	Quantity
1	Brand & Model	Mature internationally recognized brand, in existence for at least 10 years (bidder must specify brand, model and series). The solution components <b>MUST NOT</b> be a product that has/is reaching end of life support/end of sale in 5 years' time	4
2	Form Factor	Rack Mountable server with full mounting kits and accessories.	
3	Processors	The server should be supplied with at least 2 x 5 <sup>th</sup> Generation Intel Xeon Gold 65xx Scalable processors family with a minimum of 32 cores per processor.	
4	Memory	Support registered ECC DDR5 DIMMS	
		At minimum the servers must be supplied with at least 4TB RAM.	
	Hard Drives	The system must be supplied with:	
		At least E3.S NVMe direct drives with a total capacity of 120 TB	
		The drives should be hot swappable and provide the necessary redundancy	
	Storage Controller	At least Integrated 6Gbps SAS hardware RAID 0, 1, 5 and 10 and 60. Raid controller should support online capacity expansion and data scrubbing as well. Should enable Write-back, write-through, always write-back, no read-ahead	
	Network Interface:	4 x 25 Gigabit Ethernet ports with full duplex /TCP/IP Offload Engine (TOE).	
5	Security	The servers should have the following security features enabled: <ul style="list-style-type: none"> <li>• Cryptographically signed firmware</li> <li>• Data at Rest Encryption</li> <li>• Secure Boot</li> <li>• TPM 2.0 FIPS, CC-TCG certified,</li> <li>• Secure Erase</li> <li>• Secured Component Verification</li> </ul>	
6	Expansion Slots	At least 8 x16 Gen5 PCIe	



7	IO Ports	At least 2 x VGA Port, at least 1 x USB 3.0 Slots, at least 2 x USB 2.0	
	Server Management	It should have embedded server management system to provide a single point of management for the entire solution from a single pane. It should provide all configuration management, monitoring and reporting tasks.	
		Should support industry standard management interfaces of IPMI and SNMP	
8	Operating System	Should Support at least Microsoft windows server 2025, Ubuntu, Red Hat Linux 9, Suse Linux 15, Microsoft Hyper-V	
9	Power Supply	The chassis should have fully redundant N+1 power supplies.	
	Support and Warranty:	At least 3 years on parts, labour and software. In addition, the equipment MUST include the manufacturer's premier technical support services including:  Accelerated hardware replacement options, Operating system updates, Access to Manufacturer's technical assistance team, online troubleshooting / support tools and proactive problem diagnosis services	
10	Software Licenses	<ul style="list-style-type: none"> <li>The servers should be supplied with the licenses for the latest version of VMware vSphere</li> <li>Provide licenses for 15 RHEL Virtual Machines</li> <li>Veeam Data Platform Essentials Universal x15 for 3 years</li> </ul>	

#### e) Inspection Devices

Component	Spec	Details	Quantity
NETWORK	Technology	2G GSM  GSM850, GSM900, DCS1800, PCS1900  3G UMTS  B1(2100), B2(1900), B4(AWS), B5(850), B8(900)  4G FDD LTE	50

		B1(2100), B2(1900), B3(1800), B4(AWS), B5(850), B7(2600), B8(900), B12(700), B17(700), B20(800), B28(700), B66(AWS-3)  4G TDD LTE  B38(2600), B40(2300), B41(2500)
BODY	Dimensions	211 x 124.7 x 8 mm (8.31 x 4.91 x 0.31 in)
	Weight	333 g (11.71 oz)
	SIM	Nano-SIM, eSIM
DISPLAY	Type	TFT LCD
	Size	8.7 inches
	Resolution	1340 x800 pixels (WXGA+)
PLATFORM	OS	Android
	Chipset	Mediatek Helio G99 (6 nm)
	CPU	Octa-core (2x2.2 GHz Cortex-A76 & 6x2.0 GHz Cortex-A55)
	GPU	Mali-G57 MC2
MEMORY	Card slot	microSDXC (dedicated slot)
	Internal	128GB 8GB RAM
REAR CAMERA	Single	8 MP, AF
FRONT CAMERA	Video Single	1080p@30fps 2MP
AUDIO and VIDEO		Yes, with stereo speakers <b>Audio Playing Format</b> MP3, M4A, 3GA, AAC, OGG, OGA, WAV, AMR, AWB, FLAC, MID, MIDI, XMF, MXMF, IMY, RTTTL, RTX, OTA  <b>Video Playing Format</b> MP4, M4V, 3GP, 3G2, AVI, FLV, MKV, WEBM <b>Video Playing Resolution</b> FHD (1920 x 1080)@60fps
CONNECTIVITY	Ear jack	3.5mm stereo
	WLAN	Wi-Fi 802.11 a/b/g/n/ac, dual-band, Wi-Fi Direct
	Bluetooth	v5.3, A2DP, LE
	Positioning	GPS, GLONASS, BEIDOU, GALILEO, QZSS



	USB	USB Type-C 2.0	
BATTERY	Type	Li-Po 5100 mAh, non-removable	
	Charging	15W wired	

**f) Network Upgrade**

#	Items description	Unit	Qty
<b>Attachments services</b>			
1	Services for Wall attachment	m	10
<b>Cable pulling (UG)</b>			
2	FO cable pulling into HDPE pipe	m	150
<b>Splicing and Termination</b>			
3	ADSS Fibre cable preparation	Each	20
4	Fiber testing and Termination into ODF	Core	120
5	Indoor Works	Each	2
<b>Supply of Civil works materials</b>			
6	Supply flexible conduit	m	15
<b>Fiber materials</b>			
7	ODF (8-12 ports, SC-UPC ports, with SM pigtails + accessories)	Each	3
8	ODF (24 SC port with Pigtails, with SM pigtails + accessories)	Each	7
9	Fiber cable (ADSS, 24 cores, 100m Span)	m	150
10	Helical dead end for ADSS, 80m Span	Each	2
11	SC/UPC-SC/UPC Jumper cords 3M, duplex	Each	6
12	SC/UPC-LC/UPC Jumper cords 3M, duplex	Each	15
<b>Supply of LAN accessories and Installation</b>			
13	Data points installation, testing and labelling	Each	431
14	Fixing access point outdoor and indoor	Each	14
15	Supply of Power socket Normal white colour single	Each	217
16	Supply of RJ 45 connectors for Cat 6 (Applicable for CAT 6)	Each	50
17	Supply of Power Distribution unit	universal	3
18	Installation of power cables 3x2.5mm	m	300
19	Installation of power per power socket	Each	217

20	Installation of Trunking (50x105,50x50,75x50, 75x75, 16x25, 16x16)	Each	360
21	Supply and mounting of Rack 9U Wall Mount with Accessories (PDU, Cable Manager, Mounting Hardware (set of 10 cage nuts), 1Fan Top Mount)	Each	1
22	Supply and mounting of Standalone Rack 18U, 1000x800 Server Rack, with Accessories (Cable Manager = 1, PDU of 5ports socket, all necessary of mounting accessories, with Fans for cooling purpose) , 4wells and rockers	Each	1
23	Supply Flexible pipes 25mm	Each	7
24	Supply metal wall plugs (cheville metallique) M10	Each	10
25	supply of Angle	Each	110
26	Supply of cable ties (5X400)mm	Box	14
27	Supply of Data sockets double	Each	211
28	Supply of Electrical cables 3x2.5mm	m	300
29	Supply of Endcaps	Each	130
30	supply of insulating tape 3M	Each	15
31	Supply of plastic wall plug 8mm	Box	30
32	Supply of Screws 8mm	Box	15
33	Supply of Trunking 16x25	Each	13
228	Supply of Trunking 50x105	Each	360
34	Supply of SFTP cable CAT 6; Supports Gigabit Ethernet (1000 Base-T) standard, operates at a bandwidth up to 250 Mhz, 4-pair shielded twisted pair cable, High Density Polyethylene Insulation	Box	48
35	Supply of UTP cables cat6, TIA / EIA 568-C.2, conductor 24 AWG solid bare copper, insulator made in Polyethylene, operating temperature 20 Deg. C to +80 Deg. C, minimum operating frequency 600Mhz	Box	0
36	Supply of UTP Patch cords of 1 meter	Each	431
37	Supply of UTP Patch cords of 3 meters	Each	211
38	Supply Patch panel 24 ports	Each	24
39	UTP, SFTP, FTP laying cable	m	14,640
40	Data & Power cables with sockets removal	m	10,000



41	Trunking with accessories removing	Each	200
42	Supply of Support double for Data Socket (50x105, 50x100mm)	Each	211
43	Supply of Support single for Data Socket (50x105, 50x100mm)	Each	217

## **ANNEXES**

### **ANNEX 1: SUPPLIER CODE OF CONDUCT**

This document is shared as a separate document to the tender document.





**ANNEX 2: DRAFT CONTRACT (This is for information purposes only)**

**[INSERT APPROPRIATE LOGO]**

**CONTRACT TITLE:** [INSERT]

**CONTRACT REFERENCE:** [INSERT]

**CONTRACT FOR:** [INSERT]

**PRODUCTS TO BE PROVIDED:** [INSERT]

**CLIENT:** [INSERT]

**CONTRACTUAL PARTNER:** [INSERT]

**SUPPLIER:** [INSERT]

**AMOUNT:** [USD \$ [INSERT] (UNITED STATES DOLLARS)]

**SOURCE OF FUNDING:** TRADEMARK AFRICA (TMA)

**DELIVERY:** WITHIN **XX WEEKS** FROM THE DATE OF SIGNATURE OF THIS AGREEMENT.

**DELIVERY LOCATION:** [INSERT]



## SECTION 1

### GENERAL CONDITIONS OF CONTRACT

#### Definitions

In this Contract, the following terms shall be interpreted as indicated:-

1. "The Contract" means the agreement entered into between TMA and the supplier, as recorded in this Contract Document signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
2. "The Contract Price" means the price payable to the supplier under the Contract for the full and proper performance of its contractual obligations.
3. "The Goods" means all of the equipment, machinery, and/or other materials, which the supplier is required to supply to the Client under the Contract.
4. "The TMA " means TradeMark Africa
5. "The supplier" means the individual or firm supplying the Goods under this Contract.
6. "The Client" means the organization which TMA is procuring the goods/equipment on behalf.
7. "The Services" means those services ancillary to the supply of the goods, such as transportation and insurance, and any other related services, such as installation, commissioning, provision of technical assistance, training, and other such obligations of the supplier covered under the contract.



This is an Agreement between **[INSERT SUPPLIER NAME]**, having its principal place of business located at **[INSERT]**. (Hereinafter called the “Supplier”) and “**TradeMark Africa**”, having its principal place of business located at **[INSERT]** ; (hereinafter called the “Financier”) to supply the designated equipment to **[INSERT]** (hereinafter called the “Client”).

The terms of the agreement are as follows:

## **Article 1: PURPOSE AND PRINCIPLES OF THE AGREEMENT**

The Agreement sets out the terms under which the Client is receiving the products provided by the Supplier. It comprises of four sections; the first containing the General conditions, the second containing the special conditions, third containing the technical specifications and the fourth section containing the price schedule.

The Supplier undertakes to deliver to the Client the products in accordance with their bid thereof. Having accepted the offer made by the Supplier, TMA agrees to pay the former a total price of **[INSERT AMOUNT IN WORDS & FIGURES]** inclusive of transport, installation costs and all applicable taxes.

There is no employer/employee relationship either actual or implied.

### **1. Standards**

The goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications Section 3.

### **2. Enforceability of the Contract**

If any provision or condition of the contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of this contract.

### **3. Use of Contract Documents and Information**

The Supplier shall not, without TMA’s prior written consent, disclose the Contract, or any provision, specification, plan, drawing, pattern, sample, or information furnished by or on behalf of TMA.

### **4. Patent Rights**

The supplier shall indemnify TMA against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof in TMA’s country of operation.

### **5. Performance Security**

Within thirty (30) days of receipt of the notification of Contract award, the successful supplier shall furnish to TMA the performance security in the amount specified in Special Conditions of Contract.



- a) The performance security shall be payable to TMA as compensation for any loss resulting from the supplier's failure to complete its obligations under the Contract.
- b) The performance security shall be denominated in the currency of the Contract or in a freely convertible currency acceptable to TMA and shall be in the form of a bank guarantee or an irrevocable letter of credit issued by a reputable bank acceptable to TMA.
- c) The performance security will be discharged by TMA and returned to the supplier not later than thirty (30) days following the date of completion of the supplier's performance obligations under the Contract, including any warranty obligations, under the Contract.

## **6. Inspection and Tests**

The Client or their authorised agents shall have the right to carry out inspection of the products to determine their conformity with the technical specifications as laid down in the tender document and/or the bidder's offer. All goods supplied must be new, free of defect and manufactured recently. Used and/or refurbished goods or components will be automatically rejected.

- a) The inspections and tests may be conducted in the premises of the Supplier or its subcontractor(s), at point of delivery, and/or at the Goods' final destination. If conducted on the premises of the Supplier or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Client.
- b) Should any inspected or tested goods fail to conform to the Specifications, the Client shall reject the goods, and the supplier replaces the rejected goods at no cost to TMA.

## **7. Prices**

Prices charged by the Supplier for goods delivered and services performed under the Contract shall not, with the exception of any price adjustments authorized in Special Conditions of Contract, vary from the prices by the tenderer in its tender.

## **8. Assignment**

The tenderer shall not assign, in whole or in part, its obligations under this Contract, except with TMA's prior written consent.

## **9. Subcontracts**

The Supplier shall notify TMA in writing of all subcontracts awarded under this Contract if not already specified in the tender. Such notification, in the original tender or later, shall not relieve the Supplier from any liability or obligation under the Contract



## **10. Duration**

The Agreement shall remain in force at all times until the contractual obligation of all parties has been fully executed.

## **11. Termination**

Without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, TMA shall terminate this Contract in whole or in part if the Supplier fails to deliver any or all of the goods within the periods specified in the Contract or fails to perform any other obligation(s) under the Contract.

## **12. Delivery and Reception**

The Supplier is responsible for delivering the products specified in Section 4. The products must be delivered within **xx weeks** from contract signing.

- a) The Client or his authorised representative shall be responsible for providing the premises for the receipt and inspection of the products. The Client or his authorised representative will deliver an acknowledgement of delivery when products are proven to be compliant both in quantity and description with the items listed in Section 3 of this agreement.
- b) The Supplier is responsible for installing and testing the products specified in Section 3. The Client or his authorised representative will deliver a certificate of acceptance when products are proven to be fully functional as per the product specifications specified in the bidder's offer and technical specifications laid down in the RFQ.

## **13. Payment**

All invoices will be in United States Dollars addressed to TMA. Payment schedule will be as outlined in Section 4 of this Contract.

## **14. Performance Bond**

In certain circumstances the Client or TMA may require the Supplier to provide a performance bond of 10% of the total contract price on signature of the agreement that shall lapse when certificate of acceptance has been released.

## **15. Supplier Equipment**

Any equipment provided by the Supplier and that ownership of which is not transferred to the Client at the completion of the agreement shall be the sole responsibility of the Supplier and shall be removed from the Client's premises within one week of the completion of the agreement.

## **16. Insurance**

The Supplier undertakes to have in place all legally required insurances throughout the entire duration of this agreement as well as any other specific insurance required by the Client as advised



to the Supplier prior to signature of the agreement. The Goods supplied under the Contract shall be fully insured against loss or damage incidental to manufacturer or acquisition, transportation, storage, and delivery.

### **17. Invoicing**

Invoices presented to the TMA should include any import, customs duties, value added tax and any other fees or similar charges imposed. Original invoices should be sent to [invoices@trademarkafrica.com](mailto:invoices@trademarkafrica.com) . Invoices should clearly list the Contract Number, the dates and the months to which they relate. Invoices should also include details of the Consultant's bank account to which TMA shall transfer payments.

### **18. Liquidated Damages**

If the Supplier fails to deliver any or all of the goods within the period(s) specified in the contract, TMA shall, without prejudice to its other remedies under the contract, deduct from the contract prices liquidated damages sum equivalent to 2% for every week's delay of the delivered price of the delayed items up to a maximum deduction of 10% of the delayed goods.

In the case of non-performance by the Supplier after the application of the maximum fine, the Client shall have all rights, after giving written notice to the Supplier, to:

- Exercise any performance guarantee;
- Terminate the contract; and
- Enter into a contract with a third party at the Supplier's cost.

### **19. Bankruptcy**

If the Supplier shall become bankrupt or insolvent or have a receiving order made against it or compound with its creditors or commence winding up proceedings (not being a member's voluntary winding up for the purpose of reconstruction or amalgamation) or carry on its business under a receiver for the benefit of its creditors or any of them, TMA shall be at liberty either:

- a) To terminate the Agreement forthwith by notice in writing to the bankrupt or insolvent party or to the Receiver or Liquidator or to any other person in whom the rights of the Supplier may become vested, or to
- b) Give such Receiver, Liquidator or other person the option of continuing the Agreement subject to such person providing a guarantee for the due and faithful performance of the Agreement within a period to be agreed.

### **20. Force Majeure**

In the event of force majeure, the Supplier shall be entitled to an extension of delivery time equivalent to the period of delay. Force majeure is understood to include but not be limited to



natural catastrophes, civil wars, and any circumstances that could not reasonably have been foreseen by a competent Supplier.

The Supplier shall not be liable for forfeiture of its performance security or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

## **21. Full Agreement**

In addition to this contract the following constitute part of the agreement:

- Notification letter
- The bidder's offer
- The provisions of the tender document.

## **22. Limitation**

This agreement constitutes the entire rights and obligations under this contract. There are no additions, deductions or alterations except upon the written agreement of both parties.

## **23. Applicable Law and Language**

The language of the contract and the applicable law governing the contract shall be French and the Laws of [INSERT] respectively unless otherwise stated.

## **24. Dispute Resolution**

TMA and the Supplier shall make every effort to resolve amicably by direct informal negotiation and disagreement or dispute arising between them under or in connection with the contract if, after thirty (30) days from the commencement of such informal negotiations both parties have been unable to resolve amicably a contract dispute, either party may require adjudication in an agreed national or international forum, and/or international arbitration. Unless settled amicably, any dispute, controversy or claim arising out of or relating to this contract, including its formation, its interpretation or the breach, termination or invalidity thereof shall be settled by arbitration in accordance with the laws of [INSERT] as presently in force.

Notwithstanding any adjudication or arbitration proceedings no party shall commit an anticipatory breach of contract.

## **25. Joint venture, Consortium or Association**

If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfilment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or



association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.

## **26. Taxes and Duties**

The supplier shall be entirely responsible for all taxes, duties etc. incurred until delivery of the contracted goods to the purchaser.

## **27. Risk and Title**

Risk and title for the goods shall pass upon delivery to the client site as defined in this contract.

## **28. Confidentiality**

The supplier shall not, without the purchaser's prior written consent, disclose the contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the TMA in connection therewith, to any person other than a person employed by the supplier in the performance of the contract. Disclosure to any such employed person shall be made in confidence and shall extend only as far as may be necessary for purposes of such performance.

## **29. Warranty**

- a) The Supplier warrants that the Goods supplied under the Contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract.
- b) The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the Purchaser's specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.
- c) This warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the Contract or any other time period indicated in the SCC.
- d) TMA shall promptly notify the Supplier in writing of any claims arising under this warranty.
- e) Upon receipt of such Notice, the Supplier shall, within 21 days, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.
- f) If the Supplier, having been notified, fails to remedy the defect(s) within, 21 days, TMA may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and





without prejudice to any other rights which TMA may have against the Supplier under the Contract.

- g) Delays in remedial action beyond 21 days shall be subject to liquidated damages at the rate in this contract without prejudice to any other rights or remedies, which the Purchaser may have against the Supplier under the Contract.

### **30. Extension of Time**

If at any time during performance of the Contract, the Supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify TMA in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, TMA shall evaluate the situation and may at its discretion extend the Supplier's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of Contract.

### **31. Transportation**

The Supplier is required under the Contract to transport the Goods to the final destination. Transport to such final destination including insurance and storage, as specified in the Contract, shall be arranged by the Supplier, and related costs are deemed to be included in the Contract Price.

### **32. Effective Date of the Contract**

This contract takes effect on the date that the last of the undersigned signatories attaches their signature.



**Supplier**

**Financier**

**Name:**

**Name: Joseph Namwaya**

**Position:**

**Position: Head of Procurement**

**Signature:.....**

**Signature:.....**

**Date:.....**

**Date:.....**

**For and on behalf of XXXXXXXXXXXXXXX**

**For and on behalf of TradeMark Africa**



## SECTION 2

### SPECIAL CONDITIONS OF CONTRACT

#### 1. Notes on Special Conditions of Contract

The clauses in this section are intended to assist TMA in providing contract-specific information in relation to corresponding clauses in the General Conditions of Contract.

The provisions of Section 2 complement the General Conditions of Contract included in Section 1, specifying contractual requirements linked to the special circumstances of TMA and the goods being procured. In preparing Section 2, the following aspects should be taken into consideration.

- a) Information that complements provisions of Section 1 must be incorporated and,
- b) Amendments and/or supplements to provisions of Section 1, as necessitated by the circumstances of the goods being procured must also be incorporated.

Special conditions of contract as relates to the GCC

REFERENCE OF GCC	SPECIAL CONDITIONS OF CONTRACT
Clause 5 – Performance Security	N/A
Clause 14 – Performance Bond	N/A
Clause 31 - Transportation	Delivered Duty Paid (DDP): The seller assumes all the risks and costs of transport (export fees, carriage, insurance, and destination port charges, and delivery to the final destination) and pays any import customs/duty.

### **SECTION 3**

#### **Terms of Reference and Technical Specifications**

**[INSERT]**

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**SECTION 4****PRICE SCHEDULE FOR GOODS**

The following table includes core product specifications. Other detailed specifications in your offer as accepted must be considered as an integral part of the contract.

	Item	Description	Qty	Unit Selling (\$)	Total Price (\$)
<b>Sub Total</b>					
<b>VAT</b>					
<b>Total Costs</b>					

**NOTE:**

- In case of discrepancy between unit price and total, the unit price shall prevail.

**Prices indicated in the above table include VAT and other applicable duties/taxes**

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