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ADDENDUM NO 3

PUBLISHED ON 31ST MAY 2025

NOTICE TO ELIGIBLE BIDDERS

TENDER DOCUMENT FOR THE SUPPLY OF INTERNET AND WEB HOSTING SERVICES.TENDER NO: AFA/OT/55/2024-2025

Pursuant to Section 75(1) of the Public Procurement and Asset Disposal Act, 2015, the Authority wishes to inform all eligible bidders that changes and clarifications sought by bidders have been addressed and the technical required have been revised and this the submission has been Extended to **5th June 2025.**

NOTE: All other provisions of the Tender documents remain unchanged

ADDITIONAL MANDATORY EVALUATION AND STATUTORY DOCUMENTS

No	Requirements	Tenderer's Response
MR 23	Provide proof of presence in major towns Nairobi Mombasa Nakuru Kakamega Kisumu`	

SECTION II - TENDER DATA SHEET (TDS)

ITT 22.1	A *Tender Security* **shall be** required.
	A Tender-Securing Declaration **shall not be** required.
	If a Tender Security shall be required, the amount and currency of the Tender Security shall be Kshs 200, 000.00 (Kenya Shillings Two Hundred Thousand)

TECHNICAL REQUIREMENTS OF THE SUPPLY, INSTALLATION, AND COMMISSIONING OF SOFTWARE-DEFINED WIDE AREA NETWORK, INTERNET, WEB HOSTING, AND SIP SERVICES

SECTION 1: INTRODUCTION

1. BACKGROUND

The Agriculture and Food Authority (AFA) is a state corporation established through an Act of Parliament specifically under section 3 of the Agriculture and Food Authority Act of 2013. The Authority is the successor of former regulatory institutions in the sector that were merged into Directorates under the Authority, with the commencement of Crops Act, 2013 on 1st August 2014, including; **Coffee Board of Kenya, Coconut Development Authority, Cotton Development Authority, Sisal Board of Kenya, Pyrethrum Board of Kenya, and Horticultural Crops Development Authority**. The former institutions as from 1st August 2014 became; **Coffee Directorate, Horticultural Crops Directorate, Miraa, Pyrethrum and other Industrial Crops Directorate, Fibre Crops Directorate, Nuts and Oil Crops Directorate and Food Crops Directorate.** These Directorates, for all intents and purposes are recognized as part of AFA.

2. OBJECTIVE

AFA requires the services of a consultant to supply, install, commission and support a software defined wide area network, internet, web hosting and VoIP/SIP services. The services should be accessible from all AFA Directorates and satellite offices.
The main objective of this document is to highlight the key deliverables, specifications, scope of the work and also share the specific responsibilities of the consultant.

3. SCOPE OF WORK

The consultant shall undertake the following activities to design, implement, and support a comprehensive ICT infrastructure solution for the Agricultural and Food Authority (AFA):

   i) **Site Survey and Requirements Assessment:** Conduct a comprehensive site survey and needs assessment to evaluate the current network infrastructure across all AFA locations. This assessment shall identify bandwidth, latency, and connectivity challenges and inform the design of a suitable Software-Defined Wide Area Network (SD-WAN) and Multiprotocol Label Switching (MPLS) deployment. The survey should result in a detailed report outlining the technical and operational requirements.

ii) **Provisioning and Deployment of Internet Services:** Supply, install, and configure high-speed internet connectivity tailored to the needs of AFA headquarters and all satellite offices. This shall include the setup of DNS (Domain Name System) services and web hosting platforms to support AFA's digital infrastructure and online services. The solution must ensure secure, stable, and scalable connectivity.

iii) **Fiber Optic Connectivity for Satellite Offices:**

Design and implement a high-capacity fibre optic network interconnecting all 38 AFA satellite offices. The solution must ensure secure, high-speed, and resilient data transmission to support current and anticipated future bandwidth demands. Provisions for redundancy and failover should be included to guarantee service continuity.

iv) **Onsite User Training:** Deliver structured training programs for AFA ICT administrators and end users across all directorates and satellite offices. The training should cover system operations, configuration, management, and basic troubleshooting, thereby empowering staff to effectively utilize and maintain the new infrastructure.

v) **Development of Maintenance Agreement:** Develop and formalize a comprehensive Service Level Agreement (SLA) that outlines the standards for system maintenance and technical support. The SLA shall include defined response and resolution times, uptime guarantees, and provisions for ongoing support and refresher training for users and administrators.

vi) **Voice over IP (VoIP) Maintenance and Support:** Maintain and support AFA's existing Voice over IP (VoIP) infrastructure, ensuring high availability, call quality, and seamless communication between headquarters, directorates, and satellite offices. This includes integration with existing platforms, monitoring system performance, and implementing Quality of Service (QoS) policies.

vii) **Bidder-Neutral Network Solution with Redundancy:** Design a vendor-neutral network solution that facilitates future scalability and integration, free from reliance on specific hardware or service providers. The solution must incorporate redundancy measures such as dual internet service providers, failover configurations, and backup power solutions to ensure maximum uptime and operational continuity. Documentation evidencing these redundancy mechanisms must be provided.

viii) **Network Security and Traffic Management:** Deployment of enterprise-grade firewalls, intrusion prevention systems (IPS), DDoS protection, and traffic filtering.

ix) Provide Public IP infrastructure for hosting the AFA systems on Primary and Backup link.

3. SITE LOCATION AND KEY REQUIREMENTS FOR CONNECTIVITY
a. AFA HQ and Directorates requirement.

	SITE NAME	Site Location	Bandwidth Primary and secondary (upload/download)	Minimum Last mile medium Primary	Minimum Last mile medium Secondary
1	AFA HQ	Tea House, Dagoretti Corner, Naivasha Rd, Off Ngong Rd	Primary- 250 mbps Backup – 250 mbps	Fiber	Fiber
2	Horticulture Crops Directorate	Airport Road, Opp.JKIA, Nairobi, Kenya.)	Primary- 100 mbps Backup – 100 mbps	Fiber	Fibre
3	HCD Airport link	JKIA, Nairobi, Kenya.	Primary- 20 mbps Backup – 10 mbps	Fiber	Fiber
4	Fibre Directorate	West Riverside Lane, Off Riverside Drive	Primary- 60 mbps Backup – 30 mbps	Fiber	Fiber
5	Fibre Cotton Lab	KALRO-NARL, Opposite ABC place)	Primary- 10 mbps Backup – 6 mbps	Fiber	Fiber
4	Coffee Directorate	Coffee Plaza Building,	Primary- 50 mbps Backup – 50 mbps	Fiber	Fibre
5	AFA Mombasa	6th Floor of NSSF Building on Nkrumah Road. Mombasa.	Primary- 50 mbps Backup – 50 mbps	Fibre	Fibre
6	AFA Nakuru	Nakuru Milimani	Primary- 10 mbps Backup – 5 mbps	Fiber	Fiber
7	AFA Eldoret	KVDA plaza Eldoret	Primary- 30 mbps Backup – 20 mbps	Fiber	Fiber
8	AFA MPLS Link	Tea House, Dagoretti Corner, Naivasha Rd, Off Ngong Rd	Primary- 100 mbps Backup – 50 mbps	Fiber	Fiber

b. AFA Satellite office and Bandwidth Requirements

	SITE NAME	Site Location	Bandwidth (upload/download)	Minimum Last mile medium Primary	Minimum Last mile medium Secondary
1	Taveta OSBP		6 Mbps	Fiber	Wireless/Satellite
2	Kabarnet FIBRE/HCD		6 Mbps	Fiber	Wireless/Satellite
3	Kitale HCD/Coffee		6 Mbps	Fiber	Wireless/Satellite

4	Kisumu office		6 Mbps	Fiber	Wireless/Satellite
5	Busia Border Point		6 Mbps	Wireless/Satellite	Wireless/Satellite
6	Bungoma HCD/Fibre		6 Mbps	Fiber	Wireless/Satellite
7	Machakos HCD/Fibre		6 Mbps	Fiber	Wireless/Satellite
8	Iten		6 Mbps	Fiber	Wireless/Satellite
9	Embu HCD /Coffee		6 Mbps	Fiber	Wireless/Satellite
10	Kitui HCD/Fibre		6 Mbps	Fiber	Wireless/Satellite
11	Kibwezi HCD		6 Mbps	Fiber	Wireless/Satellite
12	Mwea HCD		6 Mbps	Fiber	Wireless/Satellite
13	Nyeri Coffee/HCD		6 Mbps	Fiber	Wireless/Satellite
14	Nyandarua HCD		6 Mbps	Fiber	Wireless/Satellite
15	Limuru HCD		6 Mbps	Fiber	Wireless/Satellite
16	YATTA HCD		6 Mbps	Fiber	Wireless/Satellite
17	Nkubu HCD		6 Mbps	Fiber	Wireless/Satellite
18	Sagana Horticulture		6 Mbps	Fiber	Wireless/Satellite
19	Malindi Fibre Directorate		6 Mbps	Wireless/Satellite	Wireless/Satellite
20	Homabay Fibre Directorate		6 Mbps	Fiber	Wireless/Satellite
21	Thika Coffee Directorate		6 Mbps	Fiber	Wireless/Satellite
22	Siaya		6 Mbps	Fiber	Wireless/Satellite
23	Homabay HCD		6 Mbps	Fiber	Wireless/Satellite
24	Isebania Border Point		6 Mbps	Wireless/Satellite	Wireless/Satellite
25	Maua Fibre		6 Mbps	Fiber	Wireless/Satellite
26	Lunga Lunga Border Point		6 Mbps	Wireless/Satellite	Wireless/Satellite
27	Moyale		6 Mbps	Wireless/Satellite	Wireless/Satellite
28	Namanga Border Point		6 Mbps	Wireless/Satellite	Wireless/Satellite
29	Kericho		6 Mbps	Fiber	Wireless/Satellite
30	Kisii		6 Mbps	Fiber	Wireless/Satellite
31	Kilindini		6 Mbps	Fiber	Wireless/Satellite
32	Kapsabet		6 Mbps	Fiber	Wireless/Satellite

33	Bungoma		6 Mbps	Fiber	Wireless/Satellite
34	Fibre Cotton Lab		6 Mbps	Fiber	Wireless/Satellite
35	Lwakhakha		6 Mbps	Wireless/Satellite	Wireless/Satellite
36	Suam		6 Mbps	Wireless/Satellite	Wireless/Satellite
37	Loitoktok		6 Mbps	Wireless/Satellite	Wireless/Satellite
38	MPLS link to AFA HQ for satellite offices		50 Mbps	Fiber	Fiber