COMMUNICATIONS AUTHORITY OF KENYA

Ref: CA/SCM/OT/21/2023-2024

9th November, 2023   Addendum No. 1

To All Bidders,

REF: OPEN NATIONAL TENDER FOR SUPPLY, DELIVERY AND INSTALLATION OF LOCAL AREA NETWORK (LAN), BUILDING WORKS, FURNITURE AND SIGNAGE IN SEVEN (7) AGRICULTURAL INFORMATION CENTRES (AICS) IN THE REPUBLIC OF KENYA TENDER NUMBER: CA/SCM/OT/21/2023-2024

Please refer to the above-mentioned tender that appeared in MY GOV on 31st October 2023.

Pursuant to clause 10 of the tender document uploaded to our website, and the Public Procurement Information portal, the Authority wishes to respond to the clarifications sought by some prospective bidders as follows:

1. SITE VISIT

NO	Clarifications sought	CA Response
1.	Kindly confirm if the site visits of 13th November still stands as earlier scheduled or there are any changes made as the day has been declared a public Holiday. Thank you.	The site visit will be open from 14th to 24th November 2023, on business days during the working hours between 8am to 5pm

2. PRE-BIDDERS ONLINE PRE-BIDDERS CONFERENCE MEETING LINK

https://cakenya.webex.com/cakenya/j.php?MTID=m82dfca6df3586cee3609cd27363cee01

Friday, November 10, 2023 10:30 AM | 4 hours | (UTC+03:00) Nairobi
Meeting number: 2369 300 1592
Password: MXm8hwbKJ23 (69684925 from video systems)

Join by video system
Dial 23693001592@cakenya.webex.com
You can also dial 62.109.219.4 and enter your meeting number.

Join by phone
+44-20-7660-8149 United Kingdom Toll
Access code: 236 930 01592

3. CLARIFICATION ON SPECIFICATIONS

Device	Page	Feature	Clarification	Comment	Proposed Change/Response	CA Response
Router	91	Throughput	Not mentioned	Routers throughput is affected when key technologies such as MPLS, IPSEC, VPN are enabled. To prevent such an occurrence and ensure correct functioning of the routing devices, routers should support high throughput by default.	Support 2 Gbps default forwarding performance and 2Gbps IPSec IMIX performance	**This change is acceptable and amended to read as follows:** Support 2 Gbps default forwarding performance and 2Gbps IPSec IMIX performance
	91	Service-module slots Integrated services module (ISM) slots Packet-voice data module (PVDM) slots	1 lot 1 lot 2 lots	The requirement for PVDM Support in routers is a CISCO Specific requirement, Other vendors don't support this feature since its typically perfomed by a PABX.	Support for PVDM is an added advantage	**This change is acceptable and amended to read as follows:** Support for PVDM is optional and an added advantage
Access Switch	93	Switch Performance	Not mentioned	The access switches will handle high volume data traffic from multiple LAN and WLAN devices. To prevent likelihood of bottlenecks in the network, the access switch switching performance needs to be defined.	Support a Switching Capacity of at least 170 Gbps and a minimum forwarding performance of 130 Mpps	**This change is acceptable and amended to read as follows:** Support a Switching Capacity of at least 170 Gbps and a minimum forwarding performance of 130 Mpps
	93	Industry Recognition	Not mentioned	Since the project is envisioned to	The manufacturer of the LAN switch	**This change is acceptable and**

				support advanced technologies, quality assurance is paramount. Is a reference report for quality control mandatory? If so ,which such report is required ?	must be positioned as a Leader in the Gartner Magic Quadrant for Enterprise Wired and Wireless LAN Infrastructure at the time of bidding. Attach Evidence	**amended to read as follows:** The manufacturer of the LAN switch must be positioned as a Leader in the Gartner Magic Quadrant for Enterprise Wired and Wireless LAN Infrastructure at the time of bidding. Attach Evidence
Access Point	93	Range	180 Meters	Kindly confirm if this is an Indoor or Outdoor Access Point? Technically an Indoor AP supports a range of 15-20 m and an outdoor Ap supports a range of 100-180m	If the requirement is for indoor Aps, we suggest to revise the requirement to: The Access point should support a range of 15-20 m	**Specifications are okay as tendered. Bidders should note these are minimum specs. The access point shall optimally serve users both inside the AIC and around the AIC hence the need for long-range capability**
	93	Access Point Speed	300 Mbps with 2.4 GHz	According to best industry practice, Access Points should support dual-band Wi-Fi frequencies (2.4GHz and 5GHz). The 5GHz frequency band enables an Access Point to serve	Support 500 Mbps with 2.4 Ghz and 1200 Mbps with 5 Ghz frequency bands with a maximum of 16 SSID per radio.	**To support dual band Wi-Fi access frequencies at 2.4 GHz and 5 GHz bands with atleast 300 Mbps**

				multiple users simultaneously and guarantee higher speeds.		
	93	Supported standard	802.11 b/g/n Wi-Fi standard	The proposed Wi-Fi technologies do not support advanced Wi-Fi features such as seamless roaming and smart antenna technology which might result in poor Wi-Fi experience. Wi-Fi 6 standard is recommended because users can experience seamless roaming, reduced latency and increased network capacity.	Support 802.11 b/g/n/ac/ax Wi-Fi standard	**This change is acceptable and amended to read as follows:** Support 802.11 b/g/n/ac/ax Wi-Fi standard
	93	Security Protocol	WEP, WPA-PSK, WPAEnterprise (WPA/WPA2, TKIP/AES) security	The proposed Wireless Security Protocols make wireless networks extremely vulnerable to external threats. It is hence recommended to include the most up-to-date wireless encryption protocol, WPA3 for enhanced security.	Support WEP, WPA2-PSK, WPA2-Enterprise (WPA/WPA2, WPA3, TKIP/AES) security	**This change is acceptable and amended to read as follows:** Support WEP, WPA2-PSK, WPA2-Enterprise (WPA/WPA2, WPA3, TKIP/AES) security
	93	Industry Recognition	Not mentioned	Since the project is envisioned to support advanced technologies ,quality assurance is paramount .Is a reference report for quality control	The manufacturer of the Access Point must be positioned as a Leader in the Gartner Magic Quadrant for Enterprise Wired and Wireless LAN	**This change is acceptable and amended to read as follows:** The manufacturer of the Access Point must be

				mandatory?If so ,which such report is required ?	Infrastructure at the time of bidding. Attach Evidence	positioned as a Leader in the Gartner Magic Quadrant for Enterprise Wired and Wireless LAN Infrastructure at the time of bidding. Attach Evidence

ALL other conditions of the tender remain unchanged.

Jane Rotich
FOR: DIRECTOR GENERAL