



Kenya Power

The Kenya Power & Lighting Co. Ltd.
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Stima Plaza, Kolobot Road

Our Ref: KP1/9A.2/OT/004/ICT/24-25/JN/rmh

16th October, 2024

ALL PROSPECTIVE BIDDERS,

Dear Sir/Madam,

ADDENDUM NO. 5 TO THE TENDER NO. KP1/9A.2/OT/004/ICT/24-25 FOR PROCUREMENT OF FIBER OPTIC TOOLS, EQUIPMENT, ACCESSORIES AND ACTIVE DEVICES

The following clarifications are made to the specified provisions of the Tender document.

1. RELATIONSHIP WITH THE PRINCIPAL TENDER DOCUMENT

Save where expressly amended by the terms of this Addendum, the Principal Tender Document shall continue to be in full force and effect. The provisions of this Addendum shall be deemed to have been incorporated in and shall be read as part of the Principal Tender Document.

2. CLARIFICATION

The following clarifications were sought on the tender document and shall be deemed to form the Addendum

No.	Queries	Response
1.	High Capacity ONU 4 port UNI 4*10GE, support PoE/PoE+ Clarification Most of the terminals connecting to the ONU are 1GE hence 10 GE Downlink is unnecessary and an overprovisioning. The typical downlink ports should support a maximum of 1GE to guarantee low latency in the network and atleast 2*10GE for uplink ports.	Minimum revised specification: NNI 2*XGS-PON UNI 4*GE, support PoE/PoE+ All other specification requirements remain the same
2.	Router IP/SD-WAN Interfaces – Fixed WAN ports: 2*GE Combo, Fixed LAN ports: 8*GE RJ45 (can be configured as WAN) clarification:	Minimum revised specification: Fixed WAN ports: 2*GE RJ45/ SFP Combo Fixed LAN ports: 4*GE electrical ports, 10/100/1000 Mbit/s auto-sensing

	Since this is an Outdoor Router; the specifications are similar to those of the Indoor Router which are too high for an Outdoor Router Scenario.	All other specification requirements remain the same
3.	FIBER OPTIC TOOLS AND EQUIPMENTS Cabinet for outdoor use - Please clarify what type	Refer to Page 116, Item 2.16 of the tender document.
4.	For seamless implementation and easy O & M of the proposed devices, its is highly recommended to position one Vendor in all the Lots .Can one vendor be positioned for all Lots ?	I. The Lots remain as per Tender. II. The OLT shall be supplied complete with a basic configuration tool for deployment and management of all active devices in each Lot
5.	Cloud based based controller- in this case the controller is purely hosted by OEM, there is no requirement on site apart from the internet to access the controller	Cloud based controller hosted by OEM is not acceptable.
6.	Virtual controller- sold as a instance- software, installed on a virtual machine, in this case the customer must have a virtual instance i.e vmware, Hyper-V, best recommended for the customers with large number of Access points, support Multi-tenancy, more scalability, ability to support all branches.	Every OLT node shall have a wireless controller for manning all wireless Access Points downstream. See Schedule of requirement for quantities and Detailed specifications for the minimum requirements of the controller.
7.	Hardware, the challenge with hardware is number of Access points supported- supports up to 2000 Aps, which mean in this case we would need a hardware controller per branch	
8.	Rural area sites are sparsely located, Can you define the coverage distance from the OLT for the sites?	Minimum coverage distance of OLT to ONU/ ONT shall be 40 kms without splitting, after which splitting ratios will determine the power budget
9.	Form SD1 is a requirement in the preliminary evaluation criteria Pg 45 shows the SD1 Form as NOT APPLICABLE. Is the SD1 form required or not?	Both SD1 and SD 2 are required and should be duly filled, signed, stamped and submitted.
10.	Single Mode FC/UPC Colour Coded Pigtails, 3 Meters (12 pcs/pack) 9/125µm (12 Pack)	Unit of measure changed from Pair to PKT (Packet)
11.	Cat 6A S/FTP(Outdoor) CAT 6A UTP cable Unit of measure is indicated as M. It should be Roll	Unit of measure is changed from metre to Roll; Note: A roll is 305m length as per standard.
12.	Woodscrews	Unit of measure changed from Piece (PC) to Packet (PKT);

	Unit of measure is indicated as PCS. We feel it should be packet and quantity per packet indicated in the technical specification	where a packet shall have a minimum of 100 woodscrews
13.	Wall plugs Unit of measure is indicated as PCS. We feel it should be packet and quantity per packet indicated in the technical specification	Unit of measure changed from Piece (PC) to Packet (PKT); where a packet shall have a minimum of 100 wall plugs
14	Polythene Flexible Conduit Unit of measure is indicated as PCS. It should be Roll	Unit of measure changed from Piece (PC) to Roll; where a roll is of 25m length
15	PVC Trunking 16*25 MM white Length per Piece should be indicated as Price Schedule expects units as PCS	Length per piece is 3m (metres)

Note:

Further, the following clarifications are made to the tender document;

i. Equipment licensed for use in the region

Bidders are advised to supply only Fiber equipment that is licensed for use in the region. Evidence for the license of such equipment will be verified during evaluation.

ii. Local Support for Repair and Maintenance of Fiber equipment

Bidders were advised to provide evidence of local support for the equipment to be supplied in the tender. Such local support agents should provide an agency certificate from the Original Equipment Manufacturer (OEM).

3. TENDER CLOSING DATE

The Tender closing date is extended from **23rd October 2024** to **30th October 2024** at **10.00 am**.

All other terms and conditions remains as per the Principal Tender Document (PTD)

Yours faithfully,

For: **THE KENYA POWER & LIGHTING COMPANY PLC**

DR. JOHN NGENO, OGW
GENERAL MANAGER, SUPPLY CHAIN AND LOGISTICS