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

Our Ref: KP1/9A.2/OT/032/ICT/20-21/JN/rmh

14th January, 2021

M/s

Dear Sir/Madam,

ADDENDUM NO. 3 TO THE TENDER NO. KP1/9A.2/OT/032/ICT/20-21 FOR DESIGN, SUPPLY, INSTALLATION AND COMMISSIONING OF FIBER OPTIC NETWORK AND RELATED SERVICES

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. CLARIFICATIONS MADE TO QUERIES ON THE TENDER DOCUMENT

The following are responses made to clarifications sought on various issues on the tender document and shall be deemed to form the Addendum.

No.	CLARIFICATION SOUGHT	RESPONSE
1.	Is it possible to submit partial of the solution; full scope without Metro Router, Firewalls, Billing System. Please clarify	Submission of a partial response is not allowed and will result in the bidder being deemed non-responsive
2.	What is the project/deployment timeline? Please clarify	The successful bidder shall be required to commission the solution within six months from the date of award
3.	The technical specification of the Metro Routers is from a specific vendor, is accepted a different solution vendor. Please clarify	Technical specifications which are equivalent to those stated are permitted provided that the bidder submits sufficiently detailed supporting documents.
4.	As per given network diagram DWDM nodes are shown standalone. Those should be connected point to point or ring network. To design DWDM solution, link	Within the scope of this tender the equipment will be deployed as specified. However, Kenya Power has an extensive fiber optic network to

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	distance, loss across that link is required. Please clarify	which they shall be integrated in subsequent projects.
5.	How the decision will be taken on non-compliances? Please clarify	Responses which are non-compliant with the requirements will be deemed non-responsive
6.	Is required the 6RU Chassis with AC and DC support. Is possible a solution with 9RU Chassis? Please clarify	Given the space constraints at various sites a more compact form factor is required.
7.	The DWDM, why VC4 cross connect is required? The services are pure Ethernet and there is no meaning for VC4 cross connection. Please clarify	Within the scope of this tender the equipment will be deployed as specified. However, Kenya Power has an extensive fiber optic network to which they shall be integrated in subsequent projects.
8.	As per technical specifications, the requirements for the Metro Ring and for the service router are combined together, can you please split the requirements that are relevant for each type? Please clarify	Bidders shall respond as per the specifications in the tender document.
9.	What are the configuration required for each platform? In order to prepare BOM we need the required interfaces and services. Please clarify	Refer to the Schedule of Requirements and Detailed Technical Specifications as well as other details provided in the entire tender document
10.	The routers, why VXLAN is required, for what propose? Please clarify	Within the scope of this tender the equipment will be deployed as specified. However, Kenya Power has an extensive fiber optic network to which they shall be integrated in subsequent projects.
11.	The Technical specification for FDT, are insufficient, for a correct choice of the equipment, also only the items 9/10, can be, the other items is only splitters attenuation and splitters aren't required? Is possible share more technical details? Please clarify	Refer to the Detailed Technical Specifications as well as other details provided in the entire tender document
12.	What is the capacity required for the FDT? Witch type of Splitter will be install and how many can be? Please clarify	Refer to the Detailed Technical Specifications as well as other details provided in the entire tender document
13.	The Technical specification for FAT, are insufficient, for a correct choice of the equipment, also only the items 9/10, can be, the other items is only splitters attenuation and splitters aren't required? Is possible share more technical details? Please clarify	Refer to the Detailed Technical Specifications as well as other details provided in the entire tender document

No.	CLARIFICATION SOUGHT	RESPONSE
14.	What is the capacity required for the FAT? Witch type of Splitter will be install and how many can be? Please clarify	Refer to the Detailed Technical Specifications as well as other details provided in the entire tender document
15.	SECTION IV - SCHEDULE OF REQUIREMENTS item #6 "The solution must come with 3-year software and hardware support service" conflicts with the SECTION XIIB The Warranty will remain valid for 1 year. Does it mean support will be for 3 years but Hardware warranty only 1 Year? Usually warranty and support are taken as a package.	Both 1 year warranty and 3 years software and hardware support are required. However, where they are overlaps the two can be combined provided sufficient supporting documentation is provided.
16.	Please provide the Fiber details linking the sites as described in SECTION IV: Bill of Materials. Such details should include Fiber distances, Attenuation measurements and type of Fiber. This is important for the DWMD link budget calculation and selection of correct SFP.	Refer to Schedule of Requirements
17.	<p>Clarify the location of the DWDM devices. Our assumption is the devices should be located in the data centre with an optical section from Data Center to the metro sites. However, the document indicates the presence of DWDM components in Site 2 and 4 only?</p> <ul style="list-style-type: none"> ➤ Confirm that the DWDM core switch will be in Data Centre 1 & 3 ➤ To complete the ring network, should there not be another DWDM device at Data Center 2 or what is the type of interface connecting the DWDM devices from Service Router 2 and what are the distances / fiber characteristics? ➤ Since no DWDM lambda component indicated for Site 1 and 3, what is the interface at these locations? Also provide Fiber details (distance and attenuation) 	Refer to Schedule of Requirements
18.	Metro Service Router component, should this device not be a metro switch for Layer 2 transport services to the DWDM core device? There is already a service router existing in the core network (data center).	Bidders shall respond as per the specifications in the tender document.

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	<ul style="list-style-type: none"> ➤ Why the requirement to have 32000 PPPoE sessions in the metro router? Typically PPPoE / radius service should terminate in the core network for centralized subscriber management? 	
19.	<p>KPLC to remove evaluation criteria 6.2.1.8 to allow bidders to source equipment from any supplier provided the supplier:</p> <ul style="list-style-type: none"> ➤ ISO9001:2015 certified ➤ Has Quality Assurance Plan ➤ Has equipment type-tested by an independent laboratory, accredited to ISO/IEC17025 ➤ Has experience of supplying the said equipment by KPLC 	Bidders shall respond as per the requirements in the tender document.
20.	Time for preparation of the tender document	<p>According to Public Procurement and Asset Disposal Act 2015 section 97 and Regulation 86, the minimum time for tender preparation shall be a period of seven days for national tenders.</p> <p>KPLC has given adequate time for bidders to respond.</p>

3. TENDER CLOSING DATE

The tender **closing date** remains **21st January, 2021** at 10.30am.

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

Yours faithfully,

For: **THE KENYA POWER & LIGHTING CO. PLC**

DR. JOHN NGENO

GENERAL MANAGER, SUPPLY CHAIN & LOGISTICS