



Kenya Power

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

Our Ref: KP1/9A.2/OT/093/ICT/21-22/JN/rmh

15th June, 2023

THE PROSPECTIVE BIDDERS,

Dear Sir/Madam,

ADDENDUM NO. 1 TO THE TENDER NO. KP1/9A.2/OT/093/ICT/21-22 FOR FIBER OPTIC CABLES SPARES, TOOLS AND ACCESSORIES

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

We issue the following responses following various clarifications sought by prospective bidders on the tender document.

#	CLARIFICATION	RESPONSE
1.	Page 63, Item 2 Minimum Operating Load 6000N, Item 4 Minimum. Compressive Loading 4000 N / 10 cm Page 64 Item 19 Minimum 20m/s YOFC: The requirements here is not rigorous. normally we shall consider the maximum value. So we suggest the Maximum is 6000N(MAT) and guarantee no fiber break at 4000 N / 10 cm. Is this ok? Or please indicate the maximum value.	<i>The specifications provided are the minimum requirements, if a bidder is able to provide an item that meets or exceeds the minimum requirements without compromising the functionality desired then that shall be evaluated on its merit</i>
2.	Page 63 Item 9 1 m sample, 1 m water head for 24 Hrs YOFC: This requirement is too high; We suggest that we supply as per the IEC standard which is a sample of 1 meter and 3 meters to have no	<i>The specifications provided are the minimum requirements, if a bidder is able to provide an item that meets or exceeds the minimum requirements without compromising</i>

#	CLARIFICATION	RESPONSE
	water leakage for 24 hours, and the test of 1 meter is only for reference;	<i>the functionality desired then that shall be evaluated on its merit</i>
3.	For 48 core ADSS, the tender documents did not mention the requirement for fiber optic cable diameter in the cable table. YOFC: According to the requirement of $11.5 \pm 0.3\text{mm}$ for busing internal diameter in 1.1.4, see Page 66, item 8. we can only design according to a single sheath structure with a cable diameter not exceeding 11.8mm.	<i>The specifications provided are the minimum requirements, if a bidder is able to provide an item that meets or exceeds the minimum requirements without compromising the functionality desired then that shall be evaluated on its merit</i>
4.	Regarding the Approach cable, there are two parts mentioned in the bidding document, 1.1.1.1 and 1.1.3; 1.1.1.1 mentions PE for ADSS Cable and AT for approach cable, but 1.1.3 also requires that the optical cable must meet fire resistance and the cable sheath should have additives to prevent rod attachment, with a minimum outer sheath thickness of 3.0mm and no cable diameter requirement; Based on the ADSS approach cable in the requirement table, it is recommended not to consider the requirements in 1.1.3 and design according to section 1.1.1.1 (see item 20, PE for ADSS Cable, AT for approach cable); is it ok?	The fiber optic approach cable shall meet the following requirements. i) Fire retardant and no acid gas evolution. ii) Resistance to ultra-violet deterioration. iii) Anti-moisture penetration. iv) Fire resistant
5.	The components guy grips and protection are required separately, so are tension clamps still needed in quantity of 700 sets?	The items are desired separately and according to the quantities as indicated in the table.
6.	Is the IP68 closure material of PP+GF accepted? As material of PC tends to break down in hot and humid scenario underground. Is the dome closure dimensions of $\Phi 230 \times 345\text{mm}$ accepted?	<i>The specifications provided for the Splice Box are the minimum requirements, if a bidder is able to provide an item that meets or exceeds the minimum requirements without compromising the functionality desired then that shall be evaluated on its merit</i>
7.	Is the return loss 55/56dB means $RL \geq 55\text{dB}$ for UPC and $RL \geq 65\text{dB}$ for APC	The tender Document does not have any specifications for APC as it is not part of the items in the scope of the tender
8.	What is the dimensions requirement of the cable tie? How many cable ties are there in a bag?	Length of 104mm (4.1 Inches) for Bundle Diameter up to 19mm (0.75 Inch), Width of 2.4mm (0.01 Inch) with each bag containing 100pcs
9.	What is the length of the sleeve? 40, 45 or 60mm? How many sleeves are there in a bag?	60mm, with each bag containing 100pcs

#	CLARIFICATION	RESPONSE
10	Could you provide more details for the ADSS cable section drawing of 1/2/4/6/12/24cores The technical specs providing is not giving details of the outer diameter	The fiber cable shall be Single Mode, 9µm core diameter, 125µm cladding diameter containing number of cores as specified and manufactured as per the IEC standard
11	For an ADSS cable of 48 cores section drawing and clarify if it is 8 tubes of 6 cores, or 6 tubes of 8 cores?	Tube count = 4
12	Clarify if the protective cover of the fiber cable is one layer or two layers?	<i>The specifications provided are the minimum requirements, if a bidder is able to provide a fiber cable that meets or exceeds the minimum requirements without compromising the functionality desired then that shall be evaluated on its merit</i>

3. CLOSING DATE

The Tender closing date is extended from **16th June, 2023** to **23rd June, 2023** at 10.00 am.

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

Yours faithfully,

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

DR. JOHN NGENO
GENERAL MANAGER, SUPPLY CHAIN AND LOGISTICS