



The Kenya Power & Lighting Co. Ltd.
Central Office – P.O. Box 30099, Nairobi, Kenya
Telephone – 254-02-3201000
Fax No. 254-02-3201889
Stima Plaza, Kolobot Road

Our Ref: KP1/9A.2/OT/046/ICT/20-21/JN/rmh

20th May, 2021

M/s

Dear Sir/Madam,

ADDENDUM NO. 3 TO THE TENDER NO. KP1/9A.2/OT/046/ICT/20-21 FOR FIBER OPTIC CABLE NETWORK EXTENSION PHASE IV

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 responses are made to clarifications sought on various issues on the tender document.

No.	CLARIFICATION	RESPONSE
1.	A. Githambo - Kangema OPGW- is it the entire link to be repaired or the only section that has a cut (Approximately 1.5 Km from Githambo SS)? B. The scope for this link is of repair in Nature. The exact damage could not be established (Some 3 spans were observed to have to fiber), it is not known if there is other damage on the fiber. We propose 2 ways;	Given that the scope of the tender is styled as "design, supply, install and commission", the OPGW repair element is hereby removed from the tender.

No.	CLARIFICATION	RESPONSE
	<p>i. KPLC confirm if they will issue repair material and the BOQ to have a section to put rate for splicing and stringing per span, Testing and Diagnostics.</p> <p>ii. As this link is unrelated to all other works (It is OPGW others are ADSS), KPLC consider award to the already engaged L&T contractors. Thereby remove it from the scope of the tender</p>	
2.	<p>Lot1 will have 23 new links ADSS and one OPGW to repair. Lot1 has approximately 257.5km new ADSS and approximately 20km OPGW to repair in Mt Kenya Region. But on the Section IV- Schedule of Requirements Lot1 the total of ADSS to supply is 277.5km. Please clarify</p>	<p>Tenderers shall be required to quote as per Section IV- Schedule of Requirements Lot1 the total of ADSS to supply is 277.5km.</p>
3.	<p>A. Nyahururu - Maralal – Kindly confirm if we are quoting the indicated distance as per the tender document (78) or the actual length distance on the ground of (166 km)</p> <p>B. The distance from Nyahururu is around 160km but what is allocated as per the tender document is 78km, which one shall we use for quoting purposes?</p>	<p>Tenderers shall quote as per Clause 21.4.2 Proposed Links for Phase 4 Lot 2 Which is also captured in Section IV – Schedule of Requirements.</p> <p>Any differences in distances shall be addressed during contracting.</p>
4.	<p>Having carried out a site survey, we will need to alter some of the quantities given in the tender document. Is this permitted?</p>	<p>Tenderers shall quote as per Clause 21.4 Proposed Links Which is also captured in Section IV – Schedule of Requirements.</p> <p>Any differences in distances shall be addressed during contracting.</p>
5.	<p>The optical fiber type is G657A, please confirm if should be G657A1 or G657A2.</p>	<p>The fiber cable shall be single mode, 48 core All-Dielectric Self-Supporting (ADSS) Cable in conformity with recommendations ITU-T G.657.A1</p>
6.	<p>The Minimum. Compressive Loading is required to be 4000N / 10cm, which is too high for aerial cable and duct cable. It is recommended to follow IEC standard 2200N/ 10cm. Please clarify</p>	<p>All mechanical test methods shall be as per 60794-1-21: 2015 Basic optical cable test procedures – Mechanical test methods.</p>

No.	CLARIFICATION	RESPONSE
		To be specific, the crush (compression) test shall be as per IEC 60794-1-21 E3
7.	The requirements for an Approach cable with all properties similar to the ADSS Fiber, Fire retardant and no acid gas evolution, Resistance to ultra-violet deterioration, Anti-moisture penetration, additives to prevent rodent attack, minimum outer jacket thickness of 3.0 millimetres, this is unreasonable, and will have a high price in the design of the cable for 4km required. Can we propose a normal Duct Cable? Please clarify	The Optic Fiber Approach Cable (OFAC) with specifications as indicated in clause 21.12 shall be suitable for the intended installation conditions as explained in the tender document.
8.	21.13 High Density Polyethylene (HDPE) pipe In Section IV-Schedule of Requirements there isn't any Item or Quantity of HDPE to supply. Please clarify	This should be read together with clause 21.12 OPTIC FIBRE APPROACH CABLE (OFAC), as the approach cable will fit into the HDPE.
9.	21.17 Fitting Materials i) In Section IV-Schedule of Requirements witch pole accessories should be considering in this item. *Formed Wire Dead-End *Suspension Tangent with cable protection rode *Aeolian Vibration Dampers *Transformer by-pass Arms (Extension Arms) *Cross Arm Storage Kit Please clarify the items of the pole Accessories. ii) We kindly request you to share with us the drawings for the existing lines to enable us to identify the type of structures and accessories	The KPLC Power distribution network consists of both Concrete and wooden poles, as such the fiber attachment fittings are best secured on the poles using Light Duty universal clamps (can be used on either concrete or wooden pole) of the appropriate sizes to the poles. The fittings to be used at any given pole will be dependent on factors to be determined during detailed design that shall be carried out after tender award.
10.	Tender Submission Checklist No.12. "Valid and Current Communication Authority Certificate for Telecommunications Contractor" and ADDENDUM 2 response on clarification 3 We are and Electrical Contractor Company and have EPRA A1 and NCA1. If we enter into a JV with a partner having communications authority certificate for Telecommunications Contractor but does not have NCA 1 Electrical Contractor's License please confirm that this qualifies the JV partnership as eligible.	Refer to ADDENDUM 2 response to clarification no. 4.

No.	CLARIFICATION	RESPONSE
11.	<p>From the Addendum Number II posted today on 10th May 2021 As seen in the below extracted item; Please further clarify what “Equivalent Professional certification” entails as this is quite vague. Could relevant years of experience and expertise in project Management be acceptable without being a professional Engineer or having Project Management Certification.</p>	<p>For the avoidance of doubt the requirement is for a Project Manager with at least 3 years' experience in managing Projects for Fiber plant with a minimum of 300km of Outside Fiber Plant constructed on power lines. They should have a valid Project Management Professional Certification or a certification equal to or equivalent a Project Management Professional Certification.</p>
12.	<p>We kindly would like to seek a clarification for the NCA 1 Certificate requirement as clarified on Addendum No 2 Response no. 3.</p> <p>This CATEGORY has however been reviewed and amended by NCA pursuant to ACT NO 41 of 2011 and Regulation No. 7 of 2014 for the requirement of Electrical Engineering Contractor and allow up to NCA Category 5 for the following categories, and accompanied by a Valid Annual Practicing License for the period.</p> <ol style="list-style-type: none"> 1. Electronic Telecommunications PABX 2. Intercom and Telephone Wiring 3. Electronic Road Communications 4. Electronic Structure Cabling and Computer Networking Installations 5. Construction of Power Transmission Lines 6. Installation of Power Distribution Equipment <p>We hereby seek your response to allow bidders having valid NCA registration covering the above required scope for item 5 & 6 and having been certified between NCA 1 and NCA 5 to still be eligible to participate and submit bid</p>	<p>Consistent with Addendum no. 2 Response to clarification no. 18 & 19 and pursuant to Legal Notice No. 274 of 2017 NCA Amendment Regulations Third schedule, clause 6.1.12 of the tender document is hereby amended to <i>Submission of Valid and current National Construction Authority NCA4 certificate in Electrical Engineering Service or higher</i></p>
13.	<p>Please clarify on this point: "tenderer's confirmation that at least forty percent (40%) of their supplies is sourced from citizen contractors, where applicable". It is not clear</p>	<p>This tender is subject to clause 3.36.5 of the tender document as per Addendum no. 2 Response to clarification no. 18 & 19 and therefore this clause does not apply.</p>

3. CHANGE OF EVALUATION CRITERIA

Addition of the following **clause** under Preliminary Evaluation Criteria

6.1.13 Submission of site visit form duly completed, signed and stamped.

4. CLOSING DATE

The Tender closing date is extended from remains **26th May 2021** to **4th June,2021** at 10.00am

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

Yours faithfully,

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



DR. JOHN NGENO
GENERAL MANAGER SUPPLY CHAIN & LOGISTICS