



Kenya Power

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

Our Ref: KP1/9A.2/OT/092/ICT/21-22/HO/rmh

9th June, 2023

M/s ALL PROSPECTIVE BIDDERS

Dear Sir/Madam,

ADDENDUM NO. 1 TO THE TENDER NO. KP1/9A.2/OT/092/ICT/21-22 FOR FIBER OPTIC CABLE NETWORK EXTENSION PHASE V

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.

No.	Section/ Part of the Tender Affected	CLARIFICATION	RESPONSE
1.	Tender submission checklist item no.17	Experience in previous and/or on-going Fiber Optic Cable Network construction for OPGW lot 2 was erroneously omitted.	Experience in previous and/or on-going Fiber Optic Cable Network construction of at least 150km of OPGW for lot 2 is required.
2.	Part II of the tender 2.4 PROPOSED LINKS FOR PHASE 5 LOT 1	Some links for lot 1 were removed and a few new ones were proposed. This is because the links were already constructed under different projects. However, the change does not alter the overall length of the scope of the tender.	Removed 1. Garsen 220kV SS<>Minjila New office 10km 2. Nyahururu (Splice box)<>Maralal (Shortfall) 88km 3. Matundura SS<>Engineer Office 7km 4. Tower 40<>Malaba New Office 8km 5. Likoni Rd Substation<>Nairobi South (Splice Box) 0.70km 6. Likoni Rd Substation<>Isiolo Rd Office (Splice Box) 0.25km

No.	Section/ Part of the Tender Affected	CLARIFICATION	RESPONSE
			<p>7. Likoni Rd Substation<>Donholm SS (Splice box) 0.25km 8. Ragati Substation<>Britam Splice box 0.70km 9. Road C (Manhole)<>African DC (Meet me Room) 0.40km 10. Enterprise rd (Manhole) <>African DC (Meet me Room) 0.50km 11. Chebilat SS <>Nyasiongo New office 7km 12. T-Off from Awendo SS/Uriri <>Rongo New Office 25km</p> <p>Add 1. Magumu SS <>Mai Mahiu SS 25km 2. Kiamokama SS<>Kilgoris Office via Substation 33km 3. Bumala SS<>Port Victoria 50km 4. Maseno SS<>Luanda Office 5km 5. Homa Bay SS<>Mbita office 34.8km</p>
3.	Part II of the tender Sub-sec 2.12. Mechanical and Environmental specifications for	48 core SM (9/125) ADSS fiber optic cable Table item no. 19 – Outer cable Markings Table item no. 22 – Colour of cable	<p>Ink Jet Printed with; Year, ITU-T G657A, Property of Kenya Power & Lighting Company Plc</p> <p>Colour of Cable: Two blue stripes on black background</p>
4.	Part I – Tendering Procedure Section 4.	ITT4: Tender restricted to Contractors with no running contracts of similar nature, what level of completion of running contract is acceptable	Any contractor running contracts of similar nature with the procuring entity must have commissioning certificates or completion certificate for them to participate in the tender
5.	Part I – Sub-section 1.1.	What is the scope of the tender	Section I clause 1.1 states clearly that the tender is for Design, Supply, Installation and Commissioning of the Fiber Optic cable Network
6.	Section III clause 3.2.2.1. Evaluation Criteria	Section III clause 3.2.2.1. specifies that the experience desired must have been gained within the last five years	<i>Previous experience: Details of similar projects undertaken successfully and evidenced by Contract / copies of Completion or Sign off certificates for the respective projects covering at least 300km of ADSS FOC built on power lines for Lot 1 and at least 150km of OPGW FOC built on power lines for Lot 2.</i>
7.	Part II of the tender- Technical Specification	2.14 OPTIC FIBRE APPROACH CABLE (OFAC)	<i>The specifications provided are the minimum requirements, if a bidder is able to provide an item that meets or</i>

No.	Section/ Part of the Tender Affected	CLARIFICATION	RESPONSE
	Sub-section 2.14	<p>The fiber optic approach cable shall have a minimum outer jacket thickness of 3.0 millimeters and shall meet the following requirements.</p> <p>i) Fire retardant and no acid gas evolution.</p> <p>ii) Resistance to ultra-violet deterioration.</p> <p>iii) Anti-moisture penetration.</p> <p>iv) All other requirements will be same as ADSS.</p> <p>The standard diameter achievable is 2.0mm, can a bidder quote for this</p>	<p><i>exceeds the minimum requirements without compromising the functionality desired then that shall be evaluated on its own merit</i></p>
8.	Part II of the tender- Technical Specification Sub-section 2.12.1	<p>2.12.1 Mechanical and Environmental specifications for 48 core SM (9/125) ADSS fiber optic cable, item no. 26 - UV stable Polyethylene (PE) for ADSS Cable, AT for approach cable – this contradicts clause 2.14 as the AT jacket is not fire retardant</p>	<p>The fiber optic approach cable shall meet the following requirements.</p> <p>i) Fire retardant and no acid gas evolution.</p> <p>ii) Resistance to ultra-violet deterioration.</p> <p>iii) Anti-moisture penetration.</p> <p>iv) Fire resistant</p>
9.	Part II of the tender- Technical Specification Sub-section 2.17	<p>2.17 4-way Splice Box – Plastic: The minimum required size is 400x140mm, can a bidder quote for one that is of a smaller size?</p>	<p><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 own merit.</i></p>
10.	Section III Sub-section 3.2.2.1 Evaluation criteria:	<p><i>Previous experience: Details of similar projects undertaken successfully within the last 5 years and evidenced by Contract / copies of Completion or Sign off certificates for the respective projects covering at least 300km of ADSS FOC built on power lines for Lot 1 and at least 150km of OPGW FOC built on power lines for Lot 2.</i></p>	<p>Amended to read: <i>Previous experience: Details of similar projects undertaken successfully and evidenced by Contract / copies of Completion or Sign off certificates for the respective projects covering at least 300km of ADSS FOC built on power lines for Lot 1 and at least 150km of OPGW FOC built on power lines for Lot 2.</i></p>
11.	General	<p>The site visit schedule and picture of fiber cable color</p>	<p><i>The site visit schedule and picture of fiber cable color are attached as appendix I and II respectively.</i></p>
12.	General	<p>Minutes of the pre-bid meeting, site visit schedule and contact of the regional staff.</p>	<p><i>This has been posted on KPLC tendering portal.</i></p>

3. CLOSING DATE

The Tender closing date and time remains as stated on KPLC tendering portal.

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

Yours faithfully,

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



HAROUN OTIENO

AG. GENERAL MANAGER, SUPPLY CHAIN AND LOGISTICS

APPENDIX I

TENDER NO. KP1/9A.2/OT/092/ICT/22-23 FOR FIBER OPTIC CABLE NETWORK EXTENSION-PHASE V

Contacts of Regional ICT Officers & site visit schedule

#	REGION	LENGTH OF FIBER (KM)	LINKS	CONTACT PERSON	EMAIL	TELEPHONE NO.	SITE VIST DATE	START VENUE & TIME
1.	Nairobi	94.4	<ul style="list-style-type: none"> • Nairobi South SS<>New Industrial • Embakasi SS<>New Airport SS (ICD) • Likoni Rd Substation<>Makadara Office • Huruma SS<>Mathare new office • Karen S/S <>Junction Mall (Old Dagoreti Office) • Nairobi West SS<>Langata SS (Galleria Splice Box) • Ngong Rd SS<>Kibera new office (TBC) • Kawi House (Splice Box)<>NEW APOSTOLIC CHURCH SOUTH C • City Center SS<>Workshop Road (FDT2) • Isiolo Rd Office<>Enterprise Rd (FDT3) • City Center SS<>Nairobi West SS (FDT4) • Embakasi SS<>LAB &ALLIED SERVICES (FDT1) • Embakasi SS<>HILL LOCK COUNTRY CLUB (FDT2) • Westlands SS<>Lower Kabete [FDT1] • Westlands SS<>ABC Place [FDT3] • Westlands SS<>Regal Plaza [FDT4] • Ruaraka Complex<>Garden City Mall [FDT2] • Ruaraka Complex<>Roysambu [FDT3] • Ruaraka Complex<>Balozi Estate [FDT4] 	Simon Njagi	SNjagi@kplc.co.ke	0719079263	12/06/2023	8.30am at Embakasi SS
2.	Mt. Kenya	58.0	<ul style="list-style-type: none"> • Kiganjo 33kV SS <>KoTDA DR Site (DeKUT Resource Center) • Kamburu SS<>Kivaa Office • Kamburu SS<>Kiritiri New office • Ngararia SS<>Kabati Office • Mwea 33kV SS<>Mwea Office • T-Off on Nkuene SS-Mikindori SS<>Nkubu new Office 	Erastus Kuura	EKuura@kplc.co.ke	0722568762	13/06/2023	8am at Kiganjo 132kv SS

#	REGION	LENGTH OF FIBER (KM)	LINKS	CONTACT PERSON	EMAIL	TELEPHONE NO.	SITE VIST DATE	START VENUE & TIME
3.	Central Rift	92.0	<ul style="list-style-type: none"> • Magumu SS<>Mai Mahiu SS • Bahati SS<>Bahati Office office • Chepseon SS<>Londiani New office • Kiamokama SS<>Kilgoris Office 	Ben Waweru	BKWaweru@kplc.co.ke	0721787186	14/06/2023	8am at Mai Mahiu SS
4.	North Rift	41.0	<ul style="list-style-type: none"> • Webuye 132kV SS<>Lumakanda Office • Moiben SS<>Moiben New Office • Kapenguria Office<>Ortum New Office • Kapsowar SS<>Kapsowar New office (TBC) 	George Nyaory	NGeorge@kplc.co.ke	0721409908	14/06/2023	3pm at Rivatex Substation
5.	Western	71.0	<ul style="list-style-type: none"> • Musaga SS<>Malava New office • Bumala SS<>Port Victoria Office • Maseno SS<>Luanda Office 	Daniel Oketch	DOketch@kplc.co.ke	0720686786	15/06/2023	8am at Musaga SS
6.	South Nyanza	82.8	<ul style="list-style-type: none"> • T-Off om Awendo SS/Uriri<>Awendo Office • Ndhiwa SS<>Sori New Office • Mosocho SS<>Oyugis Office 	Bernard Oloo	BOloo@kplc.co.ke	0720888590	15/06/2023	2pm at Mosocho SS (Oyugis)
7.	Coast	61.0	<ul style="list-style-type: none"> • Mwatate SS-Taveta SS<>Taveta Office (Shortfall) • Lamu 220 KV SS<>Mpeketoni Office • Voi SS <>Rabai SS • Rabai Substation <>Kiliffi 132kV Line T-Off • Mwakirunge switch<>New Bamburi SS 	Albert Kadala	AKadala@kplc.co.ke	0709645400	16/05/2023	8am at Voi Substation

APPENDIX II

PICTURE OF FIBER CABLE COLOR

