



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

Our Ref: KP1/6A.1/OT/5/23/B18

5<sup>th</sup> January, 2024

TO: ALL PROSPECTIVE BIDDERS

Dear Sir/ Madam

**CLARIFICATION NO.1 FOR TENDER NO: KP1/6A.1/OT/5/23/B18- PROCUREMENT OF DESIGN, SUPPLY, INSTALLATION AND COMMISSIONING OF PRIMARY DISTRIBUTION SUBSTATIONS AND ASSOCIATED LINES AT MBITINI SUBSTATION IN KITUI COUNTY AND MSAMBWENI SUBSTATION IN KWALE COUNTY DATED 21<sup>ST</sup> NOVEMBER, 2023.**

**CLARIFICATION TO BID DOCUMENT**

The following responses are made to clarifications sought on various issues in the bidding document for procurement of Design, Supply, Installation and Commissioning of primary distribution substations and associated lines at Mbitini Substation in Kitui County and Msambweni Substation in Kwale County.

No.	Item	Bidder Query/Comment	KPLC Response
1.	ITT 1.6: Deadline for bid submission	In view of Christmas holidays give extension of 3 to 4 weeks for tender closing date	Refer to Addendum No.2
2.	General scope and specifications	Technical specifications for Transformer differential relay	This shall be as specified in Volume. II subclause 5.16 HV Protection system of the bidding document
		Inclusion of 48VDC system in the price schedules	This shall be as specified in LOT 1 and LOT 2 BOQs and revised Price schedules as per Addendum 3
3.	LOT 1: Bill of Quantities and Price schedules for Kitui 2.5MVA mva ss and lines	There is no fiber scope is this still the case even after site visit	Yes. LOT 1 does not have Optic fiber cable scope
		There is radio link proposal do we maintain that or consider fiber	VHF 2-Way Base Radio station system required
		Telecommunication is not clear? also we have Kitui 33KV which can carry office data to Kitui 132KV is multiplexer viable option or not	RTU Panel with ethernet cables (RTU system) to collect commands, indications and signals from substation bays/IEDs is required as per bidding document. Multiplexer switch not required for LOT 1



No.	Item	Bidder Query/Comment	KPLC Response
4.	LOT B: Bill of quantities and Price schedules	KWL-116B Multiplexer Switch IP620 with Ethernet LAN switches - This should be IP6820	Multiplexer switch IP6820 or its equivalent complete with Ethernet LAN switch system
		Should we change the switch to full multiplexer to cover the upcoming Kwale office	This shall be as specified in LOT 2 BOQ and revised price schedule as per Addendum 3
5.	Tender data sheets ITT 18	At least 3 previous similar EPC contracts successfully completed in last 8 years. Is the scope for one Substation	Experience is for two (2) different EPC projects involving substations and line works that have been successfully completed in last 10 years from January 2013 to December, 2023. Line and substation work can be for different three projects
6.	Section II: Clause 3.3.5.3- Qualification for the manufacturer and Main contractor	Substation and lines main contractor for 2 Substations in last 8 years, clarify	Refer to Addendum No. 3 Section III Evaluation and Qualification Criteria sub clause 3.3.5.3 Qualification for the Manufacturers and Main Contractor, Item No. 2
7.	Section III: 3.3.5.5.1 (b) Performance qualification criteria	Construction Experience: i) General exp last 8 years from 2012 ii) specific exp Specific const exp in EPC from 2012 to December. 2022 ii) is 10 years and i) it is 8 years?	Refer to Addendum No. 3 Section III Evaluation and Qualification Criteria sub clause 3.3.5.5.1 (b) Construction Experience
		iii) specific exp- Contractor must have done 2 Nos substation and 200km line of 66,33,11kv lines in any of 3 years. Above it says 10 years and here it is 3 years.	Refer to Addendum No. 3 Section III Evaluation and Qualification Criteria sub clause 3.3.5.5.1 (b) Construction Experience
		Please clarify if we have done lines separately in all respective voltages in different contracts. for 2nos - one substation contract. and lines contracts different for 33kv, 11kv, 66kv contract is applicable. Please clarify.	Yes, Substation and Line qualification can be for combined or separate work scope.
8.	LOT 1: Price schedules	At site visit shown some portion of 11kv line in wooden are to be done in concrete poles. There is no item in price schedule	Refer to Addendum No. 3
		i) UG cable item is not given. At site visit 220kv towers nearby, Highway road crossing of 11kv and 33kv UG cables to be done. ii) Clarify on quantity of 33kV UG cable to be installed below 220kV Transmission Line for the 33kV Incomer to the Kitui Substation.	Refer to Addendum No. 3
9.	Additional information request	We are requesting for existing as built drawings for Kitui and Kwale 11kV and 33kV Lines.	Refer to <b>Attachments to Addendum No.3</b> . However, note that these drawings are not up to date and we urge bidders to use information provided in bidding document and acquired during pre-bid site visits

No.	Item	Bidder Query/Comment	KPLC Response
10.		There is no particular specification for these items. MTN -129 Fire protection system (indoor and outdoor) KWL-130 Fire detection and suppression system (indoor and outdoor). Please also clarify	Refer to Volume II of Bidding document paragraphs: a) Subclause 4.5.8.1 – Ancillary equipment b) Subclause 6.12 Switchgear building fire safety FACILITIES
11.		Please clarify: <ul style="list-style-type: none"> <li>• outdoor protection is – firewall to be constructed. For detection and suppression what kind of arrangement no details given. TX rating is only 2.5mva.</li> <li>• Indoor fire protection - is fire detection system Indoor fire suppression we are to do for the control panels. There is no 11kv switchboard in this scope.</li> </ul>	Fire wall protection is not specified or required in this project scope.  This is for the switchgear/control building facilities as per Volume II clause 6.12 of the bidding document

Yours faithfully,

For: KENYA POWER & LIGHTING COMPANY PLC.

  
PETER MUCHORI

Ag. SUPPLY CHAIN MANAGER, PROCUREMENT

