

11Th March 2026

Our Ref: NCB NO. KP1/6A.1/OT/3/25/C03

TO: ALL PROSPECTIVE BIDDERS

Dear Sir/ Madam

CLARIFICATION NO.2 TO BIDDING DOCUMENT FOR TENDER NCB NO: KP1/6A.1/OT/3/25/C03 FOR PROCUREMENT OF DESIGN, SUPPLY, INSTALLATION AND COMMISSIONING OF PRIMARY DISTRIBUTION SUBSTATIONS AND ASSOCIATED LINES AT BONDO, MBITINI AND MARABA SUBSTATIONS DATED 20Th JANUARY 2026

CLARIFICATION NO.2

The following responses are made to clarifications sought on various issues in the issued tender document for procurement of Design, Supply, Installation and Commissioning of Primary Substations & associated Lines

NO	Item	Bidder Query/Comment	KPLC Response
VOL.I OF BIDDING DOCUMENT-SECTION III-EVALUATION AND QUALIFICATION CRITERIA			
1.	3.3.5.5 Performance Qualification Criteria	Under Performance Qualification Criteria- 'Contractor must have successfully completed construction of 2 Nos. 7.5/2.5MVA 33/11kV (or above) substation with Switchgear building, protection and control and at least 30 km of 33kV and 11kV lines.' Is this qualification applicable for one project or cumulative?	Minimum experience required is Cumulative for any three (3) years from 1st January 2015 to December 2025
2.	3.3.5.1 Key Personnel	Can one Civil Engineer and one electrical engineer be (Design and Construction Engineer), one person doing different task at different times in the project implementation cycle Instead of 2 different persons	NO. This shall be as specified under clause 3.3.5.1 (Key Personnel) of Vol.1 of issued bidding document.
3.	3.3.5.2 Main equipment	Requirement for calibrated testing equipment for primary and secondary substation equipment at bidding stage is not necessary because by the time project reaches commissioning phase, 2 years calibration sticker will have expired. Clarify	Requirement to have main testing and commissioning equipment calibrated at bidding stage is not mandatory at bidding stage. Provide proof of availability of key equipment and tools for the works as required under Clause 3.3.5.2 (Main equipment for the works).

VOL. II OF BIDDING DOCUMENT			
4.	4.7 Definite Scope of Proposed substation and Lines	The BOQ refers to a 200 kVA transformer; however, no technical data sheet has been provided for this unit. Please confirm whether this transformer is required.	YES. They are required, refer to: a) Clause 4.7 definite Scope of Proposed 33/11kV Substations and Lines, and Bill of quantities (BOQ) b) Revised issued Price schedules under Addendum NO.1 of Clarification No.1 c) Section V Attachments: (KPLC specifications for Distribution transformers) of Volume II of the issued bidding document.
5.	4.8 Particular technical specifications for transformers	The 7.5 MVA and 2.5 MVA data sheets both mention two tap changers (off-load and on-load). Kindly confirm the required type of tap changer for each transformer. The same 7.5MVA and 2.5MVA data sheets refer to both ONAN and ONAF cooling. Please confirm the correct cooling method applicable to each transformer	Refer to Section V Attachments: (KPLC specifications for 7.5 and 2.5 MVA power transformers) of Volume II of the issued bidding document.
6.	Volume II: Section V-Works requirement and particular technical specifications	Please provide tender drawings to enable suppliers quote accurately as some are not able to support without them.	Use technical requirements for substation and lines provided under Clause 4.0 (General and definite scope of substation works requirement) in Volume II of the issued bidding document, in addition to information collected at site during pre-bid site visit
7.	Clause 4.4.16-17 Particular technical specifications for automation and telecommunication system	1. LOT 1, 2 and 3 (Bondo, Mbitini and Maraba) Schedule 1 and 2: Gateway IP6820 Switches (2Nos)	Telecommunication equipment for 33/11kV substation shall meet below technical specifications as provided in Volume II of issued bidding document: 1. Clause 4.4.16.2 (b) -Substation Automation System (SAS) for 33/11kV substation with 2.5 up to 7.5 MVA transformer 2. Clause 4 .7 -Definite scope of work for 33/11kv Substations and associated BOQ. 3. Clause 4.4.16-17 Particular technical specifications for automation system 4. Clause 7.3 Particular technical specifications for OPGW, terminal and telecom equipment 5. Clause 9.0-Particular technical specifications for telecommunication system
		2. Is FAT and training required?	Only FAT is required as per issued Price schedule and Bill of quantities
		3. GTP shared is for SDH, MPLS – please clarify	Telecommunication equipment GTP for 33/11kV substation has been provided as an attachment to Addendum NO.2 of the issued bidding document.

		<p>4. Hybrid Multiservice Platform with integrated Access Multiplexer.</p> <ul style="list-style-type: none"> GTPs shared item 10-1 is based on controlled vendor mostly Hitachi - Which include tele protection which is not required is distribution substation. 	<p>These are additional particular technical specifications for higher Voltages and large substations, where telecommunication system with Tele protection is required and therefore, not relevant for 2.5-7.5 MVA 33/11kV Substation</p>
8.	Section V: Particular technical specifications for equipment and materials	Kindly share specifications for auto reclosers as they cannot reach the 25 kA 3 Sec rating for Circuit breakers. Most recloser are at about 16 kA. the transformer also has lower KA rating	Refer to attachments in Section V of Volume II of issued bidding document. <i>(KPLC specifications for Autoreclosers and Transformer)</i>
9.	Vol. II Sections 4.4.26, 4.6.3, 7.3.4 and 7.3.5: Factory Acceptance Test (FAT)	Confirm KPLC paying the per diem i.e. (accommodation costs)	NO. it's responsibility of contractor to arrange and meet full cost of FAT (Per diem/ accommodation, Air tickets, local transportation and training/FAT) at manufacturer factory. KPLC staff per diem costs shall be based on SRC rates or individual KPLC designation rates whichever is higher.
10.	4.4.27 Commissioning Equipment or Tools	How many laptops in total is it 6 or 4 or 2	Total of 4 Nos. as per clause 4.5.3 (Drawing approval and Commissioning tools) and issued revised Price schedules in clarification NO.1
11.	4.6.1 steel cross-arms grounding	Does it mean all concrete poles to have earthing	This shall be as specified in clause 7.1 (Particular technical specifications for distribution lines) of Volume: II of issued bidding document.
12.	4.0 General scope of Substations Work	Substation standard bays have 2 Disconnecter, 1 Circuit breaker. Noticed for 33 kV transformer bay has 2 Disconnectors Confirm this is ok or should additional disconnecter be added as par standard bay configuration	Refer to Clause 4.7 (Definite Scope of proposed 33/11kV substations and Lines), and revised Price schedules issued under clarification No.1

Yours Faithfully,
For: KENYA POWER & LIGHTING COMPANY PLC.

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