



KENYA ELECTRICITY TRANSMISSION CO. LTD.

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Ref: KETRACO/PT/012/2021: Clarification No. 2

**TENDER DOCUMENT FOR PROVISION OF BROADBAND
 COMMERCIALIZATION SERVICES ON ETHIOPIA -KENYA 500kV HVDC
 TRANSMISSION LINE**

The following clarifications are hereby made to the above referenced tender. By the terms of this Clarification, the Principal Tender Document shall continue to be in full force and effect.

Find herein the **Clarification No. 2** into the copy of the Tender Documents. These documents should therefore be returned along with the completed tender documents.

REFERENCE/CLAUSE	CLARIFICATION	KETRACO RESPONSE
Section V: Clause 5.1 on the Terms of Reference.	<p>Provide coordinates of the last tower from the border of Kenya and Ethiopia</p> <p>Is there an ODF on this tower to mark end of Kenyan segment?</p> <p>If the bidder wishes to construct repeater sites along the line, can they use Ketraco wayleave</p> <p>Provision for facilities to host passive repeaters on the towers along the line</p>	<p>Easting (X) 413696.45 , Northing (Y) 400562.16</p> <p>No. The plan is to establish a site close to the border as a demarcation point. That will be done jointly by Ketraco, Ethiopian partners and the Bidder and considering other factors like security, accessibility etc.</p> <p>Yes but in consultation / discussion with land owners</p> <p>This shall be discussed depending on the type of facilities required</p>

REFERENCE/CLAUSE	CLARIFICATION	KETRACO RESPONSE
	<p>Since the capacity will be expected to flow from Kenya – Ethiopia – Djibouti, will Ketraco facilitate the bidder to interconnect with Ethiopian Electricity Company?</p> <p>How will pricing beyond the border point be handled?</p>	<p>Yes. The interconnection will be facilitated between Ketraco, Ethiopian and Djibouti counterparts. Discussions on this have commenced.</p> <p>Since there will be customers in the three countries – Kenya, Ethiopia and Djibouti, Ketraco and their counterparts in those countries and the bidder will agree on a rate card to be used since traffic flow is directional. Ketraco will support the bidder in all commercial technical discussions.</p>
<p>Section V: Clause 5.1 on the Terms of Reference.</p>	<p>Responsibility of the bidder, Ketraco and the Ethiopian counterpart</p>	<p>The total line from Suswa to Sodo is 1,045km. Kenya side is 612km, while 433km is on the Ethiopian side. The bidder responsibility is to light the Kenyan side, which is 612km upto the border point + an additional 135km from Embakasi substation to Suswa through Isinya. Meaning the bidder will light up 747km. Beyond the border point, it is the responsibility of the Ethiopian counterpart</p>



REFERENCE/CLAUSE	CLARIFICATION	KETRACO RESPONSE
		i.e Mega, Konsos and Sodo segments.
2.11: Award of contract	Is there any other payment to Ketraco other than revenue share after commissioning the line?	No
8.1.4 on the contract form: Ownership of equipment: All OPGW and associated equipment within the substation shall be owned by KETRACO, while the operator shall own the rest of the equipment within its network	If the bidder collocates at the Ketraco substation, will Ketraco own the equipment? Please clarify this.	Incases where the bidder collocates in Ketraco's substation / facility, they will still own their equipment and operate them. The RFP envisages a situation where Ketraco will provide space for the bidder to construct own site and not collocate inside Ketraco control room.
2.13 (A): Deployment of Network equipment	Will the capacity requirement be aligned at the handover point with Ethiopian operator?	Yes
Form of contract recital (y)	Share list of entities in Ethiopia to engage to determine scope	The only operator in Ethiopia is Ethio Telecom
Contract Second Schedule: Type of the cable	Is the cable type G655 (+D) NZDSF OR (-D) NZDSF?	Cable Type: OPGW - 2S 1/24B4 (91/46 -148.5), ITU-G655
5.1. Terms of Reference	Will Ketraco use the lit capacity to manage SCADA network?	No.
5.2.3: Network design	Is MSTP a major requirement given that DWDM is considered	While it is good to have MSTP, it is not a major requirement



REFERENCE/CLAUSE	CLARIFICATION	KETRACO RESPONSE
	sufficient for long haul transport?	
5.2.8: Network deployment	Are we required to mention the equipment vendor at this stage?	No.
13.1 of the form of contract	Does Ketraco have an agreement with the Ethio telecom on cross boarder?	There will be an agreement but shall not be shared with the bidder.
15.1 of the form of Contract	What is the validity of the bank guarantee? Please confirm whether the bank guarantee is needed during tender submission or upon execution of the contract to the successful bidder?	It is only valid within the period which the project remains incomplete 5 months after contract execution and line handover. The Bank guarantee is required after execution of contract not during submission.

PETER M. NJEHIA
SENIOR MANAGER, SUPPLY CHAIN