



**TENDER FOR PROCUREMENT OF PLANT DESIGN, SUPPLY AND INSTALLATION 132 KV
UNDERGROUND CABLE NANYUKI – RUMURUTI TRANSMISSION LINE
KETRACO/PT/009/2021**

MINUTES OF PRE-BID SITE VISIT MEETING

Date: 3rd March 2021

Meeting Venue: 132kV Nanyuki Substation/Line Route

Time: 08:50h – 14:30h

Attendees:

Position

KETRACO/KPLC

1. Eng. Justin Muna
2. Eng. Nicholas Kandie
3. Njeri Nthiga
4. Valentine Moronge
5. Robert Kilimo
6. David Matolo
7. Peter Wagura
8. John Muchoki

Ag. Snr Manager, Project Design and Construction
Project Electrical Engineer
Project Electrical Engineer
Electrical Engineer, Transmission System Planning
Project Surveyor
Project Accountant
County Director Kenya Power
Kenya Power, Nanyuki Office

BIDDERS IN ATTENDANCE

For list of attendees please refer Annex 1

Agenda:

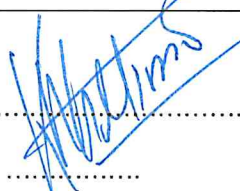
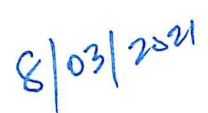
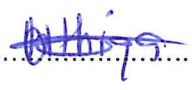
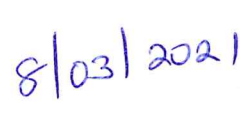
- 1) Introduction
- 2) Project Overview
- 3) Project Cable Route tour
- 4) AOB

List of Annexes:**Annex 1 – List of Attendees**

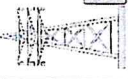
Item	Details of Discussion
1.0	<p>Introduction</p> <p>The meeting was called to order at 8.40am by the Chairman, Eng. Valentine Moronge with formal introduction of all parties present and thereafter he made opening remarks.</p>
2.0	<p>Project Overview</p> <p>Briefing was done by Eng. Valentine who informed the participants that this was a project for the completion of the 132kV Transmission line double circuit from Nanyuki to Rumuruti and single circuit from Nanyuki to Isiolo. The underground cable is designated to fit in between Nanyuki substation and Rumuruti/ Isiolo sections that would not be covered by the overhead line. The scope consisted of</p> <ol style="list-style-type: none">a) design, supply, delivery to site, installation and commissioning of transmission lines for 132kV three phase High voltage (HV) underground (UG) cable for the following:<ol style="list-style-type: none">i. Approximately 16.8 km section of Nanyuki – Rumuruti Transmission Line (Double circuit).ii. Approximately 4.2 km section of Nanyuki – Isiolo Transmission Line (Single circuit). <p>The clarifications should be sought within the tendering period but not less than fourteen (14) days prior to tender closing date.</p>
3.0	<p>Project Cable Route Tour</p> <p>The bidders were taken through Nanyuki substation. They were able to view the terminal tower, substation switchyard, control & protection, SCADA and Telecommunication equipment. It was noted only one bay has been constructed for Nanyuki – Rumuruti project considering the underground cable is a double circuit. Due to the constrain of space for the control room, the bidders were able to view in groups of tens persons at a time.</p> <p>The winning bidder will be required to test and commission in accordance to the requirements in the bidding documents.</p>



	<p>The bidders and KETRACO team went through the line route from tower No.7 upto terminal tower for the Nanyuki – Isiolo project. The bidders were informed they require to replace the already existing suspension tower with terminal tower for the single circuit transmission line as per bid document. In addition, they will required to fence off around the raiser structure with chain link and concrete posts with a gate whose technical specification shall be shared. Also, the team toured the route for the cable along the fence for the Kenya Air Force Base premises upto the terminal tower for the Nanyuki – Rumuruti project.</p> <p>KETRACO will acquire the right of way (ROW) for the underground cable. KETRACO had initially acquired the wayleave for the overhead transmission line.</p> <p>The Kenya Air Force Base Representative Major Opande also assured the bidders of their cooperation to the winning bidder. He also informed the bidders that permit to work will have to be sought along the Air Base boundary through KETRACO indicating the number of workers, work schedule, equipment being used at the time of project implementation.</p> <p>The bidders were informed that there is a slight change in cable route and the new coordinates together with the map are to be shared in the website as an addendum.</p> <p>Also, the towers which are already constructed along the cable route will have to be recovered and materials transported to KETRACO's substation store at Isiolo substation. The recovering will involve excavation of the tower foundation and dismantling of tower members and arranging them before transportation.</p>
5.0	<p>AOB</p> <p>There being no other business, the meeting ended at 14:30h</p>

SIGNATURE	
For KETRACO	<div style="display: flex; justify-content: space-between;"> <div> <p>.....</p> <p>Eng. </p> </div> <div> <p>Date </p> </div> </div>
For	<div style="display: flex; justify-content: space-between;"> <div> <p>.....</p> <p></p> </div> <div> <p>Date </p> </div> </div>

Annex 1

				KENYA ELECTRICITY TRANSMISSION COMPANY			
Document: Form		Ref No: KET/Form/QMS/001					
Directorate/Department/ Division:							
Issue No. 1	Revision No. 0	Date: 20/11/2019					

Name of Meeting: Pre-Tender Site Visit For The Proposed 132kV Underground Cable Nanyuki - Rumuruti Project. Tender No: KETRACO/PT/009/2021

Venue: Nanyuki Substation















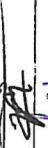



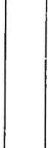
Date: 03/03/2021

Name	Company	Designation	Signature
1. <i>PHILIP KARIUKI</i>	<i>ELEMECH ENGINEERS LTD</i>	<i>MANAGER</i>	<i>[Signature]</i>
2. <i>ANTONY MAINA</i>	<i>CHINA MACHINERY ENG. CORP.</i>	<i>BUSINESS MANAGER</i>	<i>[Signature]</i>
3. <i>SAHIL ABROL</i>	<i>Shrima Power India Ltd.</i>	<i>Manager</i>	<i>[Signature]</i>
4. <i>SAID AMOUSSA</i>	<i>CEPCO</i>	<i>MANAGER</i>	<i>[Signature]</i>
5. <i>EVANS OMARI</i>	<i>SERBANARABILLI</i>	<i>MANAGER</i>	<i>[Signature]</i>
6. <i>Gabriel Keyi</i>	<i>ENZYNE CREATIONS LTD</i>	<i>Civil Engineer</i>	<i>[Signature]</i>
7. <i>Ephraim Mutua</i>	<i>Eliswely Electric</i>	<i>C. Manager</i>	<i>[Signature]</i>
8. <i>Sydney Okado</i>	<i>VOACOM NETWORKS</i>	<i>Project Engineer</i>	<i>[Signature]</i>
9. <i>Joseph Muriuki</i>	<i>Bhubani engineer</i>	<i>engineer</i>	<i>[Signature]</i>
10. <i>PETER NDWIGA</i>	<i>GLOBE ACCESS NETWORKS LTD</i>	<i>PROJECT MANAGER</i>	<i>[Signature]</i>
11. <i>Wang Bang-fen</i>	<i>North China Power Engineering</i>	<i>Deputy manager</i>	<i>[Signature]</i>
12. <i>MOHAMED ELBAHIM</i>	<i>GIZA CABLE INDUSTRIES</i>	<i>Site Manager</i>	<i>[Signature]</i>
13. <i>SIMON MUGO</i>	<i>E2E TEC LIMITED</i>	<i>Project Engineer</i>	<i>[Signature]</i>
14. <i>Vungu Mork</i>	<i>Powchem Hubco Eng Corp Ltd</i>	<i>Representative</i>	<i>[Signature]</i>
15. <i>ROSEMARY A. OAKLEY</i>	<i>CONTEMPORARY ENGINEERING LTD</i>	<i>PROJECTS MANAGER</i>	<i>[Signature]</i>
17. <i>MURRAY MBERENA MURUKI</i>	<i>CMAFC AFRICA LIMITED</i>	<i>CIVIL ENGINEER</i>	<i>[Signature]</i>
18. <i>ADITYA BASAL</i>	<i>LET Construction</i>	<i>BDM</i>	<i>[Signature]</i>
19. <i>Powder Technology</i>	<i>Wangshu Technica</i>	<i>Projects Coordinator</i>	<i>[Signature]</i>
20. <i>Jiangsu Zhongtuan Tech</i>	<i>Kerry Zhang</i>	<i>Project Manager</i>	<i>[Signature]</i>
21. <i>Weng Wanying</i>	<i>China Petroleum Pipeline Engineering Company Limited</i>	<i>Project manager</i>	<i>[Signature]</i>

NAME

COMPANY

DESIGNATION

22				
23	Ey Roberto Gonzalez	COBRA INSTALACIONES	DIRECTOR	
24	EDIE MUTHU	ST.THERESA INDUSTRIES PVT LTD	ENGINEER	
25	SANMAY NAMBUK	GLOBAL ACCESS NETWORK	DIRECTOR	
26	SACKLWILE NDUTA	DRAGON SYSTEMS LTD	DIRECTOR	
27	FRANCIS SATHYANUNICH	EAST AFRICA CONTRACTORS	OPS MANAGER	
28	Gao Li	China Game Entertainment Company Ltd	IT manager	
29	VISHAL KARTHIKEYAN	National Concreting Co. Ltd	Project Engineer	
30	Hashem Raoufat Seid	Giza systems	Engineer	
31	OSAMA FATHI ELGED	Giza systems	Engineer	
32	VIGOR KIMATHI	Giza systems	Engineer	
33	MANDI BOHRA	KEC INTERNATIONAL LTD	COMMODICIAL HEAT	
34	Ganesh Kaburu Buri	BAOYU HUBEI CONSTRUCTION ENGINEER	Engineer	
35	CHEN HUI Ganesh Kaburu Buri	CHINA COMMUNICATIONS CONSTRUCTION	Engineer	
36	Zhou Guang Wei	Dong sheng	ENGINEER	
37	NANCI KUTAN	DENYS NV	ENG	
38	ABRAM KUTAN	WINSTON INT LTD	ENG	
39	POUL BRANNA	CENTRAL ELECTRICALS INT LTD	ENG	
40	DANIEL MUTHU	EXULTOR ENER II	ENG	
41	UMAR MAYAT	SCAN Electronic Technology	PROJ MGR	
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