



**TENDER FOR COMPLETION OF NANYUKI-ISIOLO 132KV TRANSMISSION LINE  
KETRACO/PT/007/2021**

**MINUTES OF SITE VISIT MEETING**

Date: 9<sup>th</sup> March 2021

Meeting Venue: Nanyuki & Isiolo Substations, Nanyuki - Isiolo Transmission Line

Time: 10.00 a.m. – 4.45 p.m.

**Attendees:**

**Position**

**KETRACO**

1. Eng. Nicholas Kandie

Project Civil Engineer

2. Njeri Nthiga

Project Electrical Engineer

3. Douglas K. Muthua

Project Surveyor

4. Caroline Kiara

Project Procurement

5. Donah Wang'alia

Intern

6. Rachel Nungari

Technical

**BIDDERS IN ATTENDANCE**

*For list of attendees please refer Annex 1*

**Agenda:**

- 1) Introduction
- 2) Project Overview
- 3) Tower Inspection and Requirements
- 4) Conclusion
- 5) AOB

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

Item	Details of Discussion
1.0	<p><b>Introduction</b></p> <p>The meeting was called to order by the Chairman, Eng. Nicholas Kandie with formal introduction of all parties present and thereafter he made some opening remarks.</p> <p>The site visit was a follow up of the preceding pre-bid meeting that had been held earlier on Monday. As stated in the bid documents, any interested bidders may choose (Note: pre-tender is not a mandatory requirement) to undertake a complete line inspection in order to ascertain the status of the scope of works on the transmission lines and the associated substations; this being a completion works project.</p>
2.0	<p><b>Project Overview</b></p> <p>Briefing was done by Njeri Nthiga, Project Electrical Engineer who informed the participants that this was a project for the completion of part of the 71 km Nanyuki - Isiolo 132 kV single circuit overhead transmission line. She indicated that the site Inspection would start at Nanyuki Substation. The Tower Location number one (1) is situated just behind the Nanyuki Substation and bidders would be able to view and note the requirements for each tower. Details of the general routing of the overhead lines would be provided as route maps.</p> <p>The contract works in the bid documents comprised of the outstanding foundations, tower erection and string works for conductors, OPGW, fittings and accessories of the non - constructed portions of the lines. It was noted that there might be some sections requiring repairs or rectification works to realize the completion works required in the tender document.</p> <p>The Overhead Line Tender had been reserved for National/Domestic Firms, i.e. only firms duly incorporated in Kenya under the Companies Act and wholly owned by a Kenyan(s) shall be eligible.</p> <p>Bidders were informed that all clarifications sought be sent through the email address provided in the tender document.</p>



**3.0****Tower Inspection and Requirements**

Tower 1-7:

Triple Circuit Overhead towers. Contractor should also ensure completion to Nanyuki Substation which will include stringing of Nanyuki – Isiolo project. Tower 5 will include tower foundation, tower erection and stringing works.

Between Tower 7-20:

Underground circuit.

Tower 20 will be recovered and replaced by an angle tower to resume the Nanyuki - Isiolo overhead single circuit.

Towers 21, 21A and 21B will require foundation works in addition to tower erection and stringing works. It was noted that there is river between tower 21 and tower 21A as was seen by the present bidders.

Tower 60:

The tower location will require foundation, erection and stringing works.

Tower 98:

The tower location is inside DISA farm with tower foundation only. It requires tower erection and stringing works.

Tower 165, 166, 167 and 178 would require foundations, tower erections and stringing works, to be undertaken.

Tower 199 and 200:

These towers had been vandalized and will require foundation to be redone, then tower erection and string works. Material recovery for the demolished materials will be carried out and transported to Isiolo substation KETRACO store for safe custody.

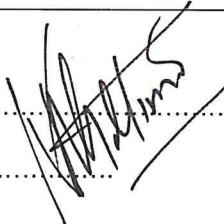

Successful contractor will be required to inspect, check, and perform repair and reinforcement works on existing towers.

The contractor will be required to undertake a complete line inspection in order to ascertain the pending works on the transmission lines and at the associated substations and to familiarize with all utilities that will interact with the overhead lines in order to provide a functional bid.

Before commencement of works, the winning bidder together with KETRACO will carry out joint material inventory, to ascertain the required materials for the project completion.

All Right of Way acquisition will be the responsibility of KETRACO which does not include access route to the right of way.


4.0	<p><b>Conclusion</b></p> <p>The Chairperson made closing remarks by indicating that the entire line route with coordinates will be provided as route maps. Areas that require tower erection and sections of stringing will be indicated but the actual quantity will be known once the project inventory will be carried out by the winning bidder together with KETRACO.</p> <p>The Isiolo substation had an estimated 500 Meters section of road that connects to the highway that would require to be paved or tarmacked. This would be clarified during the tendering period.</p> <p>The tender closing dates as stated in the bid documents remains as 21<sup>st</sup> April 2021. However, in the event, there shall be needed to extend the submission date, then further communication shall be done as an addendum by KETRACO.</p> <p>The Chair thanked the bidders for attending the pre bid meeting and site visit and wished them success in the bidding process.</p>
5.0	<p><b>AOB</b></p> <p>There being no other business, the meeting ended at 4.45 p.m.</p>

<b>SIGNATURE</b>	
For KETRACO	<div>  </div>
Eng. ....	Date 18/03/2021
For	<div>  </div>
.....	Date 18/03/2021





Annex 1










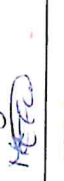




 <b>KETRACO</b> <small>Kenya Electricity Transmission Company Limited</small> <small>"A Better Way of Delivering Power"</small>		KENYA ELECTRICITY TRANSMISSION COMPANY	
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Directorate/Department/ Division:			
Issue No. 1	Revision No. 0	Date: 20/11/2019	

Name of Meeting: Pre-Tender Site Visit For The Completion of 132kV Nanyuki - Isiolo Overhead Transmission Line Project.

Tender No: KETRACO/PT/007/2021

Venue: Nanyuki Substation

Date: 09/03/2021

	Name	Company	Designation	Signature
1	DAVID MAINA TRUNGU	MAGINATE VENTURES	PROJECTS ENGINEER	
2	FRANCIS MWANGI NDUNGU	KB SHANGAI	FIELD MANAGER	
3	LANCEST BERNARD	PHILAFE ENGINEERING LTD	PROJECT ENGINEER	
4	Macharia Michael	Andruai Fabricator	Project Engineer	
5	ANDREW HELEN	ADOMI FABRICATION	Project Engineer	
6	MOSES MURICI	ADOMI FABRICATOR	Senior electrician	
7	SAMUEL N. WABUNITH	ADOMI ENGINEERING CO.	Company Secretary	
8	MAXWELL ODETU PAWASSI	ARM ENGINEERING CO. LTD	PROJECTS	
9	WIZINI CHITON	ARM ENGINEERING COMPANY LTD	ELTS OFFICER	
10	PETER H. N. N. N.	SAGA ELECTRICAL LTD	ELECTRICIAN	
11	NEEL N. PATEL	PATRONIS SERVICES LIMITED	Electrical Engineer	
12	HARISH ANANDHARAN	PATRONIS SERVICES LIMITED	Site Supervisor	
13	ANTONY MAINA	CMEC AFRICA DEV'T LIMITED	Business Manager	
14	CHEN JIANGMING	CMEC AFRICA DEV'T LIMITED	Electrical Engineer	

17	James Jenkins	Sa 900 electricals limited	
18	<del>John Kaman</del>	<del>LUANDA CONCRETE &amp; C.M</del>	<del>PROJECT MANAGER</del>
19	<del>RAGHUNATHAN</del>	<del>PPARAM 1983 @ E.M.A.E.C.</del>	<del>Project</del>
20	SIMON MUGO	Electec limited	Project
21	RAGHUNATHAN	ELEMCH ENG (P) LTD	11
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