



Our ref: KETRACO/PT/013/2020

13<sup>th</sup> November, 2020

**NOTICE TO ALL INTERESTED BIDDERS**

**RE: TENDER ADDENDUM AND CLARIFICATION 1**

**TENDER FOR PROCUREMENT OF EMERGENCY RESTORATION TOWERS (ERTs) FOR OPERATION AND MAINTENANCE - TENDER NO: KETRACO/PT/013/2020**

The following amendments are made to the specified provisions of the tender for procurement of Emergency Restoration Towers (ERTs) for Operation and Maintenance Tender Number KETRACO/PT/013/2020. Save where expressly amended by the terms of this clarification, the Principal Tender Document shall continue to be in full force and effect.

Find herein the ADDENDUM and CLARIFICATION No. 1, consisting of FOUR (4) pages into the Principal Tender Documents. This document should be returned along with dully filled Form of Tender.

	<b>Item</b>	<b>Clarification Sought</b>	<b>Response to Clarification</b>
1	General	We have tried to download the tender documents from SAP Ariba but no success. Please send the documents to the email provided	KETRACO procurement process are run via an e-procurement platform powered by SAP Ariba Cloud. Register in the SAP Ariba to allow you participate in this tender. Refer to the KETRACO User Manual for Open Tender attached under Supplier Guide in our website.
2	Section V - Technical Specifications, Clause 5.1.5 Qualifying requirements	The requirement of prior use in 5 African Countries as requested to be dropped as this has no bearing on the suitability of supply or the vendor.	Verifiable references from other countries around the world shall be acceptable.
3	Section V - Technical Specifications Clause 5.2.6 Construction Loading Data for 220kV and 400kV	KETRACO using 40m/s as a base wind speed then adding a correction for Nil winds? where is the geographic location for EDT? Is 40m/s total speed? Does it include the 2.0 Safety factor	39m/s (3 sec, gust) is the optimal

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4	Commercial Terms Clause 1.4.1—Price	Under this, KETRACO has mentioned Price to be quoted in Kenya Shilling OR freely convertible currency in Kenya. Kindly confirm we can give Prices in US Dollars	Prices to be indicated in the Price schedule can be quoted in any Convertible currency. However, on SAP Ariba Platform, prices to be converted into Kenya Shillings (as per closing date exchange rates) since KETRACO e-Procurement platform only accepts price in Kenya shillings. Additionally, the award shall be on the basis of the currency of bid.
5	Commercial Clause 2.1 - Eligible Tenderers	Kindly advise overseas manufacturer - like we Lindsey-USA can participate in this Tender as foreign bidder	Yes
6	Commercial Payment Terms	Under General Terms or Special terms – we do not see KETRACO payment terms allowed under this Tender.  Kindly advise as foreign bidder we can get some advance payment or payment like 100 % payment through letter of credit payable on presentation of shipping documents.	The Terms of Payment shall be agreed upon with successful Bidder during contract negotiation.  100% upfront payment through opening of a Letter of Credit shall not be allowed. However, an advance payment backed by an equivalent advance guarantee shall be allowed as per the Public Procurement and Disposal Act 2015
7	Section V Technical Specs Clause 6.2.1.6	In the tender document states that "The ERS manufacturer must have been in existence for the past ten (10) years. The type of tower offered must have been in production for a similar period and must have supplied at least three hundred (300) units worldwide in the past three (3) years with at least five (5) references in Africa".  To enable us participate in this bid, We Kindly request you amend the clause and include and or Europe as we have supplied most of the ERS in Europe, USA and North America.	Refer to Item no. 2
8	Section V - Technical Specifications	Insulator creep age/ leakage: For ERS solution we suggest 35mm/kV please confirm.	The value provided in the technical specifications is the minimum expected.

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9	Section V - Technical Specifications	Overhead Shield wire: Please clarify the type (OHGW from steel only or ACSR or OPGW) and provide cable complete specifications if necessary.	Type: Both OPGW & ACS. Necessary information has been provided in Technical specifications.
10	Section V - Technical Specifications	Cable tension: Please provide your conductor and OHGW tension criteria. For ERS, we suggest 18% to 20% of Ultimate Tension Strength (UTS) after creep.	A minimum of 20% of UTS is acceptable
11	Section V - Technical Specifications Clause 5.2.6 on page 16:	Construction Loading requirements: Please clarify the applicable wind pressure on both the conductor and structure.	Refer to Technical specification.
12	Section V - Technical Specifications Section 5.2.7 on page 16	Tension towers for ERS towers): Please clarify if ERS tension towers are required or not for line angles more than 30'. The restoration scenario given in section 5.1.6 i. of page 5 is for line angle between 0-30'.	Only for angles up to 30°
13	Section V - Technical Specifications Clause 5.1.5 – Qualifying requirements:	IEC 61284 is mentioned, this does not apply for ERS. Please clarify.	IEC 61284 applies to fittings.
14	Section V - Technical Specifications Clause 5.5 Anchoring assembly. Quantity of each type of anchor:	Three types of anchors are suggested – cross-plate, manta ray, and rock anchors. Please clarify the total quantity required for each anchor as a % of total anchors required for the towers (for example 50% cross-plate, 25% manta ray, 25% rock).	50% cross-plate, 25% manta ray, 25% rock to be considered.
15	Section V - Technical Specifications Section 5.5.3 Cross-plate anchor size (mentioned as 1.6 m <sup>2</sup> )	Only two common industry sizes exist – 250 inch <sup>2</sup> (0.16 m <sup>2</sup> ) and 400 inch <sup>2</sup> (0.25m <sup>2</sup> ). Please clarify which anchor size you prefer. 1.6m <sup>2</sup> does not exist from North American suppliers of cross-plate anchors.	Cross-plate Anchor size of 1.6m <sup>2</sup> to be adopted.
16	Section V - Technical Specifications Clause 5.6 Special Tools: 1 Tirfor cable length required:	Please clarify the tirfor cable length required for this project. Two lengths are mentioned, 70m as specified in section 5.6 (point (iv)) or 45m as specified in section 5.6.3 (viii). 1.5 metric ton, 45m cable length tirfor is the industry standard size and is recommended.	Tirfor Cable length to be at least 45m in length.

17	Section V - Technical Specifications  Clause 5.9 Containers. Packaging of insulators:	Instead of packaging insulators in PVC tubes, we have specially designed insulator racking that can be installed in the containers. Please confirm that insulator racking is an acceptable alternative to PVC tubes.	PVC tubes to be adopted
18	Section V - Technical Specifications  Testing and Inspection	Please clarify: "Copies of previous test Certificates and Test Reports (for all applicable type tests) certified by the relevant international or National Testing/Standards Authority of the country of manufacture or ISO/IEC 17025 accredited testing laboratory shall be submitted with the tender (including certificates of accreditation for the laboratory) for the purposes of technical evaluation, all in English Language" Most suppliers will have type test reports but not all North American manufacturers have certified test reports. Please confirm that internal type test reports will be acceptable for all components with the exception of the ERS tower components.	All Test reports shall be certified.
19	Section V - Technical Specifications Witnessing of tests:	We can offer for KETRACO's representatives to witness the IEEE 1070 test for the tower components during the FAT, and supply routine test reports for other items. If further testing is required for steel items, we can conduct visual inspection, dimensional verification and galvanizing thickness measurement tests at the ERS manufacturer's facility. Please confirm that this will be acceptable.	Acceptable
20	General	Please also advice tender security if it's acceptable from deposit taking microfinance.	Tender Security to be issued by a commercial Bank recognized by the Central Bank of Kenya
21	Section V - Technical Specifications Witnessing of tests:	We hereby request the requirement of 5 references in Africa to be reviewed to include regions with same topographical features or climatic conditions as Africa. This requirement as it is , may lock out qualified suppliers/manufacturers who have met all other requirements	Refer to Item no. 2

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		and technical specifications of this tender.	
22	General	While we are waiting your response, we request you to kindly also extend closing date of Tender for 2-3 weeks.	The new closing date shall be <b>Monday 14<sup>th</sup> December 2020</b>

For any clarifications, kindly email [ftsuma@ketraco.co.ke](mailto:ftsuma@ketraco.co.ke), [pkubasu@ketraco.co.ke](mailto:pkubasu@ketraco.co.ke).

The New Tender Closing Date shall be **Monday, 14<sup>th</sup> December 2020 at 10.00 a.m.** All other terms and conditions of the tender document remains the same



**PETER NJEHIA**  
**SENIOR MANAGER, SUPPLY CHAIN**