



Kenya Power

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Stima Plaza, Kolobot Road*

Our Ref: KP1/9A.3/OT/12/23-24

17th October, 2023

TO ALL PROSPECTIVE TENDERERS

RE: ADDENDUM NO. 1 TO THE TENDER NO. KP1/9A.3/OT/12/23-24 FOR SUPPLY OF EMERGENCY RESTORATION TOWERS (ERTs) AND GALVANISED STEEL STRUCTURES FOR IMPLEMENTATION OF PREMIUM CUSTOMERS SCHEMES AND FOR VARIOUS PRIMARY AND SECONDARY SUBSTATION

The following amendments are made to the specified provisions of the Tender document for Supply of Emergency Restoration Towers (ERTS) and Galvanized Steel Structures for implementation of premium customer's schemes and for various 220/132/66/33/11kv Substations for October 2023

1. RELATIONSHIP WITH THE PRINCIPAL TENDER DOCUMENT

Save where expressly amended by the terms of this Addendum, the Principal Tender Document shall continue to be in full force and effect.

The provisions of this Addendum shall be deemed to have been incorporated in and shall be read as part of the Principal Tender Document.

2. CLARIFICATION

The following responses are made to clarifications sought on various issues on the tender document.

Query No.	Clarification sought by Bidder	KPLC Response
1	Do we have to aid through MAF (Manufactories Authority Form)	Manufacturer's Authority Form is mandatory requirement for interested bidders as per the Technical Evaluation Criteria in the Tender Document.

Query No.	Clarification sought by Bidder	KPLC Response
2	Can we give MAF to multiple bidders	A manufacturer can support multiple bidders
3	Should bidders have some financial requirement	The financial requirements are stipulated as mandatory requirements in the Financial Evaluation Criteria of the Tender Document
4	We would like to share recommend BOQ as there is no specific technical requirement mentioned in the tender	Alternative bids not allowed. Refer and comply with specification No. KP1-13D-4-1-TSP-03-014 - Emergency Restoration Towers (ERT) - The Specifications are in the KPLC portal
5	ERS structure have international standards and should comply as per IEEE-1070. This tender does not specify that	Refer and comply with specification No. KP1-13D-4-1-TSP-03-014 - Emergency Restoration Towers (ERT). The Specifications are in the KPLC portal
6	Price schedule is little confusing as it asks 3 set of election tool but nowhere in price schedule it mentions about it.	Refer and comply with the list of erection tools in the tender document, labelled as APPENDIX I: ERT ERECTION TOOLS , on the price schedule for Lot 2.
7	As per price schedule; 2 tension towers of 132kv and 220kv 2 suspension towers of 132kv and 220kv has been asked.	Refer and comply with the Schedule of Requirements in the tender document.
8	It suggests that; 4 towers 132kv, 4 towers 220kv, have been asked. Then how to bifurcate 3 set of election tool	Refer and comply with the Schedule of Requirements, Erection Tool List & Accessory List as tabulated in the tender document
9	Budget of lot 2 (ERT)	Bidders are advised to give their most competitive bid, to have an edge over other competitors. Refer to award of contract on ITT 40 under Tender Data Sheet (TDS)
10	Do KPLC require field training in Kenya?	No field training required in Kenya

3. AMENDMENTS

- I. Amendments are made on specification for Lot 2 - Emergency Restoration Towers (ERT) Ref: KP1-13D-4-1-TSP-03-014, see Appendix 1 attached.
- II. Amendments of ITT 10 (j) for Lot 1 - galvanized steel structures; Requirement for Type test report in the evaluation criteria shall not applicable to Lot 1, however copies of previous test certificates certified by national testing Authority confirming compliance of the structural steel sections on offer with specification shall be submitted.

4. TENDER CLOSING DATE

The tender closing date has been extended to be 7th November 2023 at 10:00am, opening of the Tender will take place thereafter at the Auditorium, Stima Plaza on the same day at 10.30am.

All the other terms and conditions remain as per the tender document.

Yours faithfully,

For: KENYA POWER & LIGHTING COMPANY LIMITED.



Dr. JOHN NGENO
GENERAL MANAGER, SUPPLY CHAIN

ADDENDUM I

CLAUSE	DESCRIPTION	ADDENDUM
E	Drawings	<p>Shall provide detailed drawings of the following for evaluation;</p> <ul style="list-style-type: none"> a) Mast section b) Insulators c) Working platform d) Gin pole e) Sample structural design drawings from PLS CAD
4.2.2.5	<p>The structure shall include an integral rail system, which requires the allowed sliding gin pole and the safety devices to slide from the bottom to the top of the tower without any interruption or disassembly.</p>	<p>This shall be well illustrated in the mast section drawing.</p> <p>The Gin-Pole shall be lockable into position at any point along the tower by securing a fixing device located on its base into any of the openings along the tower.</p>
4.2.2.6	<p>A soft soil plate shall be provided that allows the area of the base to be expanded by four times in swampy areas and soils with low holding capacity which shall allow the load on the tower to be distributed to a wider area on the ground.</p>	<p>Shall provide a clear pictorial illustration and/or a detailed drawing.</p>
4.2.2.7	<p>Post insulator supports shall attach to the universal attachment and allow for 2° of freedom to prevent bending loads from being applied on the post insulator.</p>	<p>Shall provide a clear pictorial illustration and/or a detailed drawing.</p>
4.2.2.8	<p>Transfer rods shall be provided so that to increase the loading capacity of the ERT structure and the attachment plate by distributing the loads evenly across the tower to the opposite wall.</p>	<p>Shall provide a clear pictorial illustration and/or a detailed drawing.</p>
4.2.2.10	<p>A fully extendible and rotating working platform shall be provided with an anti-skid surface. It shall extend from 2.5m – 4.5m and rotate at a minimum of 270°.</p>	<p>This shall be well illustrated in the working platform drawing.</p>
4.2.6.1	<p>PLS-CADD Lite shall be provided as design software for the ERTs. The software shall be pre-installed in the Mobile Electronic Devices whose particulars are detailed in Table 3.</p>	<p>The mobile electronic devices particular requirements shall be as stated in Appendix A</p>
4.2.2.12	<p>The articulated base shall be of such design that it can be fixed on the foundation plate. It shall allow assembly of structures over itself. It shall allow leaning and rotation in all directions. It shall minimize column eccentricity and eliminate torsion loading on structures due to its rotational capability. It shall be made of light weight and high strength material.</p>	<p>The articulation shall consist of a mechanical bushing that bears the full weight of the tower, made out of a low friction material that enables free movement of the tower as it adjusts to continually changing load conditions caused by wind and other daily factors.</p>

		This material shall be corrosion resistant, which reduces physical abrasion between the load bearing surfaces, minimizing damage to the galvanized finish on the steel ball in the articulation.
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APPENDIX A

Mobile Electronic Devices Particular Requirements

Parameters	Requirements	
Laptop		
Processor	Intel® Core™ i7-1165G7 (up to 4.7 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 4 cores, 8 threads)	Specify
Processor Family	11th Generation Intel® Core™ i7 processor	Specify
Memory	16 GB DDR4-3200 MHz RAM	Specify
Storage	1 TB PCIe® NVMe™ M.2 SSD (Solid State Drive)	Specify
Operating System	Windows 11 Home 64 - Bit	Specify
Display	15.6 Inches (39.62 cm) diagonal FHD (1920 x 1080), multi-touch-enabled, IPS, edge-to-edge glass, micro-edge, Corning® Gorilla® Glass NBT™, 250 nits, 45% NTSC	Specify
Battery Operating Time	Over 12 hours	Specify
Power Supply	65 W AC power adapter	Specify
Weight	Less than 3kg	Specify

External ports	USB Type-A, USB Type-C, HDMI, AC Smart Pin, Microphone	Specify
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Mobile Electronic Devices Particular Requirements		
Parameters	Requirements	
Mobile Phone		
Network Technology	GSM / CDMA / HSPA / EVDO / LTE / 5G	Specify
Operating System	iOS 16 upgradable	Specify
Memory	512GB & 6GB RAM	Specify
Battery	Min 4000mAh, Li-ion	Specify
Features	Face ID, accelerometer, gyro, proximity, compass, barometer Ultra Wideband (UWB) support Emergency SOS via satellite (SMS sending/receiving)	Specify
Dimensions	Max 165x 80 x 8 mm	Specify
Weight	<300g	Specify