



KENYA ELECTRICITY TRANSMISSION CO.

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Our Ref: KETRACO-PT-017-2025

17th April, 2025

Notice to all Bidders

RE: TENDER ADDENDUM AND CLARIFICATION 1 PROCUREMENT OF SCADA AND TELECOMS EQUIPMENT KETRACO-PT-017-2025

The following amendments are made to the specified provisions of **Tender For Procurement Of Scada And Telecoms Equipment (KETRACO-PT-017-2025)**. 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 an ADDENDUM AND CLARIFICATION No. 1. This document should be returned along with the duly filled Form of Tender.

No	Clarification	KETRACO Response
1	We kindly request a two-week extension from the current tender closing date for the referenced tender. The extension will enable our OEM partners to finalize and submit a comprehensive offer that aligns with the specific configuration requirements outlined for the equipment in Lots 2 and 3..	The tender closing date has been extended to 13 th May, 2025 at 10.30 AM
	Could you please clarify whether you're referring to Power Systems SCC or Industrial Automation's PLC-based WinCC?	Power Systems SCC. Version 5.3 +SP1 64 bit version
	Please confirm if bidders can bid for components or LOTS	Bidder can bid for one or all LOTS. However for each lot bidders must quote for all items in the LOT.
	LOT 1 Please confirm part number for item 1.11 under	The specifications are sufficient for making an order. No need for part numbers
	Please confirm part numbers for items 1.18.5, 1.18.6 and 1.18.7 under lot 1	The specifications are sufficient for making an order. No need for part numbers
	Please confirm if 14 inch display is acceptable for item 1.21 under lot 1	The specifications are sufficient for making an order. No need for part numbers

	Please confirm part numbers for items 2.1, 2.2, 2.3, 2.4, 2.5 and 2.6 under lot 2	The specifications are sufficient for making an order. No need for part numbers
	Please confirm that items 2.4 and 2.5 under lot 2 are power supply units and not switches	Confirmed
	Please give more details on item 2.12.6 under lot 2	<p>EATON 93PM IPS Battery Management System (BMS)</p> <p>System Voltage: 48 V DC nominal (supports Li-ion battery strings)</p> <p>Voltage Monitoring - Cell-level monitoring for Li-ion batteries</p> <ul style="list-style-type: none"> - Accuracy: $\pm 0.5\%$ of reading <p>Current Monitoring - Charge/discharge current measurement</p> <ul style="list-style-type: none"> - Accuracy: $\pm 1\%$ of full scale <p>Temperature Monitoring- Integrated temperature sensors (NTC thermistors)</p> <ul style="list-style-type: none"> - Channels: 4–8 sensors (configurable) - Range: -20°C to $+85^{\circ}\text{C}$ <p>Cell Balancing - Passive balancing with configurable thresholds</p> <ul style="list-style-type: none"> - Balancing current: Up to 100 mA per cell <p>Communication Interfaces - CAN Bus (SAE J1939/CANopen) for UPS integration</p> <ul style="list-style-type: none"> - Modbus TCP/RTU for external monitoring - Ethernet/IP <p>Protections</p> <ul style="list-style-type: none"> - Overvoltage (per cell and system level) - Undervoltage (per cell and system level) - Overcurrent (charge/discharge) - Short-circuit protection - Overtemperature (battery and ambient) - Ground fault detection <p>Integration</p> <ul style="list-style-type: none"> - Seamless compatibility with Eaton 93PM UPS - Software: Eaton Intelligent Power Manager (IPM) for real-time diagnostics - SNMP/HTTP support for network monitoring

		Environmental and Mechanical Specifications - Operating Temperature: 0°C to +40°C (UPS ambient range) - Storage Temperature: -20°C to +60°C (non-condensing) - Humidity: 5–95% (non-condensing) - Ingress Protection: IP20 (standard for indoor UPS installations) - Enclosure: Integrated within Eaton 93PM UPS or battery cabinet - Weight: Dependent on battery cabinet configuration
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The tender closing date has been extended to 13th May 2025 at 10.30 AM. All other terms and conditions of the tender document remains the same.

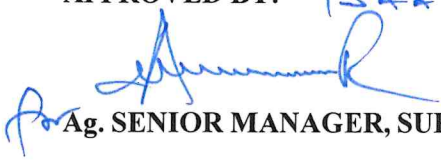
USER REPRESENTATIVE: Eng . George Ngugi

SIGNATURE:



APPROVED BY:

Isaac Rotich



Ag. SENIOR MANAGER, SUPPLY CHAIN

Tender Addendum and Clarification No. 1 of Tender No. **KETRACO-PT-017-2025** has been received and incorporated in the Tender Documents.

Name of Tenderer (in block letters):

Signature:

Date:

Signed for the Tenderer by
(Name in block letters):

In the office bearer capacity
of:
