



Kenya Electricity Transmission Company Limited
"Building a World Class National Grid"

Kawi Complex, Block B,
Popo Lane, off Red Cross, South C,
P. O. Box 34942 - 00100, NAI ROBI
Phone: 020 4956000, 0719018000, 0732128000
Web: www.ketraco.co.ke | email: info@ketraco.co.ke

Our ref: KETRACO/PT/025/2023

18th September 2023

NOTICE BIDDER

RE: TENDER ADDENDUM 1

[Handwritten signature]
18/09/2023

**TENDER FOR SUPPLY, CONFIGURATION, DEPLOYMENT OF SERVERS,
STORAGE, LAPTOPS, AND GISRELATED MOBILITY TOOLS AND SOFTWARE,
TENDER NUMBER KETRACO/PT/025/2023**

The following amendments are made to the specified provisions of the tender for procurement of TENDER FOR SUPPLY, CONFIGURATION, DEPLOYMENT OF SERVERS, STORAGE, LAPTOPS, AND GISRELATED MOBILITY TOOLS AND SOFTWARE, Tender Number KETRACO/PT/025/2023 under Section V; Technical Specification Clause 5.3. Save where expressly amended by the terms of this addendum, the Principal Tender Document shall continue to be in full force and effect.

1. The New tender Closing Date is **Wednesday 27th of September 2023**.
2. The technical Specifications for Rugged Handheld GNSS Equipment have changed, please find below new specifications.

Find herein the ADDENDUM, consisting of FOUR (4) pages into the Principal Tender Documents. This document should be returned along with dully filled Form of Tender.

TECHNICAL SPECIFICATIONS FOR A RUGGED HANDHELD GNSS EQUIPMENT

The table below outlines the minimum technical specifications of the required high end, multi constellation, multi-frequency, fully integrated set, conveniently sized and able to offer optional measuring choices for most common survey tasks.

*Senior
C. Manager JCM*
Maria
de la
convector P
[Signature]
19/09/2023
Dr. Iamanda

STANDARD FEATURES	BIDDERS RESPONSE
<p>SYSTEM</p> <ul style="list-style-type: none"> • INTEGRATED 4G CELLULAR DATA, TEXT AND VOICE CAPABILITY • 5 MP FRONT CAMERA AND 13 MP REAR CAMERA • BLUETOOTH V 4.1 • WI-FI IEEE 802.11 A/B/G/N/AC, 2.4 GHz / 5 GHz DUAL-BAND • 6.0 INCH LED-BACKLIGHT SCREEN WITH CAPACITIVE MULTI-TOUCH • LONG-LIFE USER REPLACEABLE LI-ION BATTERY • 2.2 GHz QUALCOMM SNAPDRAGON™ 626 PROCESSOR • 4 GB RAM • 64 GB FLASH MEMORY • 1 MICROSDHC MEMORY CARD SLOT • INTEGRATED SPEAKER AND MICROPHONE 	
<p>OPERATING SYSTEM</p> <ul style="list-style-type: none"> • ANDROID 10 • LANGUAGES AVAILABLE: AFRIKAANS, AZERBAIJANI, BULGARIAN, CZECH, DANISH, DUTCH, ENGLISH, FINNISH, FRENCH, GERMAN, GREEK, HINDI, HUNGARIAN, ITALIAN, KOREAN, LITHUANIAN, NORWEGIAN (BOKMÅL), POLISH, PORTUGUESE (PORTUGAL AND BRAZIL), ROMANIAN, RUSSIAN, SERBIAN (CYRILLIC), SIMPLIFIED CHINESE, SPANISH, SWEDISH, TURKISH • SOFTWARE PACKAGE INCLUDES: GOOGLE MOBILE SERVICES • ANDROID SECURITY UPDATES PROVIDED UNTIL DECEMBER 2024 	
<p>COMMUNICATIONS</p> <ul style="list-style-type: none"> • CELLULAR: GSM (850/900/1800/1900), WCDMA (B1/B2/B5/B8), LTE-FDD (B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B20/B25/B28), LTE-TDD (B38/B39/B40/B41), TD-SCDMA (B34/B39) • WI-FI IEEE 802.11 A/B/G/N/AC • BLUETOOTH 4.1 • NANOSIM x 2 • USB 3.0 (TYPE-C) • NFC (13.56 MHz) 	
<p>STANDARD ACCESSORIES</p> <ul style="list-style-type: none"> • HAND STRAP • A/C CHARGER • USB CABLE • LANYARD 	
<p>OPTIONAL ACCESSORIES</p> <ul style="list-style-type: none"> • EXTERNAL MAGNETIC GPS ANTENNA • POLE BRACKET • REPLACEMENT BATTERIES • DUAL BATTERY CHARGER 	
<p>TECHNICAL SPECIFICATIONS</p> <p>PHYSICAL</p>	

<ul style="list-style-type: none"> • SIZE----- 196 MM X 93.4 MM X 17.2 MM (7.7 IN X 3.6 IN X 0.67 IN) • WEIGHT----- 0.38 KG (0.9 LBS) • PROCESSOR----- QUALCOMM SNAPDRAGON 626, OCTA-CORE, CLOCK FREQUENCY: 2.2 GHZ • MEMORY----- 4 GB RAM • STORAGE----- 64 GB • USER INTERFACE KEYBOARD----- VOLUME KEYS, POWER KEY, 4 PROGRAMMABLE KEYS, STANDARD ANDROID TOUCH PANEL 3 BUTTONS, ON-SCREEN KEYBOARD • BATTERY----- LI-ION REMOVABLE BATTERY STANDARD CAPACITY 8000 MAH • BATTERY LIFE----- 15 HOURS @ 20° C (68 °F) WITH GPS ON • CHARGING TIME----- 4 HOURS 	
ENVIRONMENTAL	
<ul style="list-style-type: none"> • TEMPERATURE • OPERATING----- -20 °C TO +55 °C (-4 °F TO +131 °F) • STORAGE----- -40 °C TO 70 °C (-40 °F TO 158 °F) • HUMIDITY----- 95% NON-CONDENSING • WATER & DUST PROOF----- IP67 • FREE DROP----- 1.2 M (3.9 FT) (MIL-STD-810G) 	
INPUT/OUTPUT	
<ul style="list-style-type: none"> • EXPANSION----- MICROSDHC MEMORY CARD (UP TO 256 GB) • DISPLAY----- GORILLA GLASS 3, OPTICALLY BONDED, AF COATED, AUTO ROTATE • SIZE----- 6.0" CAPACITIVE MULTI-TOUCH • RESOLUTION----- 1920 X 1080 PIXELS • BRIGHTNESS----- 450 CD/M² • AUDIO----- BUILT-IN MICROPHONE AND SPEAKER <p style="text-align: center;">AUDIO JACK THROUGH USB-C POGO PIN CONNECTOR.</p> <ul style="list-style-type: none"> • I/O----- USB 3.0, EXTERNAL ANTENNA CONNECTOR • DIGITAL CAMERA • REAR CAMERA----- 13 MP WITH AUTO-FOCUS AND LED FLASH • FRONT CAMERA----- 5 MP WITH FIXED FOCUS • SENSORS----- AMBIENT LIGHT SENSOR, DIGITAL COMPASS, GYROMETER, ACCELEROMETER, BAROMETER 	
GNSS	

<ul style="list-style-type: none"> • GNSS RECEIVER----- U-BLOX NEO-M8T • INTERNAL ANTENNA: 72 CHANNELS----- GPS L1 C/A, GLONASS, BEIDOU, SBAS • INTEGRATED REAL-TIME----- SBAS (WAAS/EGNOS/MSAS/GAGAN/QZSS) • TRI CONSTELLATION SYSTEM----- GPS/GAL, GPS/GLO/GAL OR GPS/BEIDOU/GAL • EXTERNAL ANTENNA CONNECTOR-----YES • PROTOCOL----- LOCATION SERVICES 	
NMEA OUTPUT (OPTIONAL)	
ACCURACY SPECIFICATIONS (HORIZONTAL RMS)	
REAL-TIME SBAS4 <1 5 M (4 9 FT) TYPICA	

For any clarifications, kindly email rabdi@ketraco.co.ke, lkirui@ketraco.co.ke, pnjehia@ketraco.co.ke.



PETER NJEHIA
SENIOR MANAGER, SUPPLY CHAIN