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Our Ref: KP1/9A.2/OT/037/NMG/23-24/mm

28th December, 2023

M/s -----

RE: ADDENDUM NO. 2 TO THE TENDER NO. KP1/9A.2/OT/037/NMG/23-24 –PROCUREMENT OF RTK GPS MOBILE MAPPERS

Following clarifications arising from prospective bidders, it has been found necessary to make amendments to the Principal Tender Document (*hereinafter abbreviated as the PTD*) for Procurement of RTK GPS Mobile Mappers dated November, 2023.

The tender is already uploaded on the KPLC Portal.

1. RELATIONSHIP WITH THE PRINCIPAL TENDER DOCUMENT

Save where expressly amended by the terms of this Addendum, the PTD 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 and construed as part of the PTD.

2. CLARIFICATIONS

The clarifications are made as below: -

Clause	Item	Clarifications Sought	KPLC Response
1.1	RTK Antenna Specifications	The listed accessories include an RTK antenna and charger. However, detailed specifications for the RTK antenna compatible with the mobile mapper tablet to achieve standard survey-grade accuracy are missing. Please furnish the necessary specifications for the RTK antenna to ensure compatibility and accuracy with the mobile mapper.	<i>The antenna is part of the mobile mapper gadget. RTK (Real-Time Kinematic) hand held mobile mappers in the tender typically have antennas integrated into their design. It may be internal or screwable external antenna. In most cases, the antenna for RTK mobile mappers is integrated internally within the device rather than being a separate, external item. This integration helps streamline the device's design and ensures better protection and stability of the antenna during operation.</i>

1.2	Clarification on Accessories	While the specifications delineate the collection of survey-accurate GIS data, essential accessories such as RTK Antenna poles, pole holders, and adapters are not mentioned. Kindly clarify whether these accessories should be included with the RTK mobile mapper units as part of the specifications.	<i>They are not included (this is supported by 1.1 response above)</i>
1.3	Field Software Requirements	Details regarding the required field software to be used with the mobile mapper is not mentioned. Typically, available software options encompass GIS field software (e.g., Zeno Mobile software) with a comprehensive GIS workflow or dedicated field survey software. Please specify the necessary field software to be utilized in conjunction with the mobile mapper for effective data collection.	<i>RTK mobile mapper should come equipped with field data collection software which enables users to gather manage and analyze data collected by the RTK system while in the field. The mobile mapper should also accommodate other field software .</i>
1.4	Post Processing License	The specifications mention the necessity of a permanent post-processing software license. However, the type of software, whether survey-grade post-processing or a GIS package, is not specified. Kindly clarify the nature of the software required to meet this criterion.	<i>As part of the package the mobile mapper should come with a permanent post processing license capable of carrying both Survey –grade and GIS data post processing. The post-processing software used with RTK mobile mappers can often support both survey-grade and GIS (Geographic Information System) data. It should handle survey-grade data, ensuring high precision and accuracy needed for professional surveying applications. Simultaneously, it should also manage GIS data, which is generally used for mapping, analysis, and visualization purposes in a broader geographic context. The tender seeks a software packages which is versatile enough to handle both types of data, catering to different user needs within the surveying and GIS domains.</i>
1.5	Quantity of Permanent Post Processing Software Licenses	Please provide clarification on the quantity of permanent post-processing software licenses necessary to adhere to the outlined specifications.	<i>The requirement for post-processing licenses with RTK mobile mappers can vary based on the software and its licensing terms. In some cases, the software license might be tied to the individual device or the user account, meaning each mapper might need its own license for post-processing capabilities. However, certain software packages might offer the flexibility for multiple users or devices to share a single post-processing license, allowing collaboration and data sharing among team members using RTK mobile mappers in the field. It's crucial to for the vendor /service provider be specific licensing terms and conditions of their license.</i>
1.6	Testing/Demo unit	Please clarify the period during which the demo unit will be provided to Kenya Power for Testing.	<i>Only technically compliant tenderers shall be requested to provide demo units</i>

1.7	Display Screen	<p>In the specifications for the above device, you mention display/screen size should be 8.1 inch. There are other great competitive devices with screens either smaller or greater than 8.1 inches. Could you modify to either 8.1 inch or less, or 8.1 inch or more?</p> <p><i>Specifying the exact screen size of an RTK (Real-Time Kinematic) mobile mapper is important for a few reasons:</i></p> <p>1. User Experience: The screen size directly impacts the user experience. A larger screen can provide better visibility and ease of interaction with the mapping software, making it more comfortable to view maps, data, and navigation controls.</p> <p>2. Data Visualization: With a larger screen, you can potentially visualize more data at once, which can be crucial for interpreting complex maps or data sets. It allows for better visualization of intricate details, improving accuracy and efficiency during mapping tasks.</p> <p>3. Accuracy and Precision: A larger screen might aid in precision during mapping activities by allowing for more precise selections or inputs, potentially reducing errors in data collection or analysis.</p> <p>4. Ease of Use in Field Conditions: In outdoor environments or field conditions, a larger screen may be easier to read and operate, especially in varying lighting conditions or while wearing gloves.</p> <p>5. Compatibility with Applications: Some applications or software used in RTK mapping might have specific interface requirements or optimizations for certain screen sizes. Ensuring compatibility with the software you plan to use is essential for seamless operation.</p> <p><i>In essence, specifying the exact screen size helps in ensuring that the RTK mobile mapper meets your usability requirements, contributes to efficient data collection, and enhances overall productivity during mapping activities. For us in KPLC the specified size is the ideal for our use, because we need to benefit from the above points and again we do not need a bigger screen for ease of carrying while in the field</i></p>
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5. CHANGE OF CLOSING DATE

The closing date remains **4th January, 2024 at 10.00 am.**

All other terms and conditions remain as per the Principal Tender Document (PTD).

Yours faithfully,

FOR: THE KENYA POWER & LIGHTING COMPANY LIMITED

HAROUN OTIENO

Ag. GENERAL MANAGER, SUPPLY CHAIN & LOGISTICS

