



**CLARIFICATIONS/ADDENDUM SET "2"**

**12<sup>TH</sup> MAY, 2022.**

To all Prospective bidders,

**REF: TENDER NO. KRA/HQS/NCB-072/2021-2022 – SUPPLY, DELIVERY, TESTING AND COMMISSIONING OF TWO (2) UNMANNED AIRCRAFT SYSTEMS FOR AERIAL SURVEILLANCE FOR A PERIOD OF THREE (3) YEARS**

Kenya Revenue Authority wishes to inform prospective bidders of the following clarifications/addendum:

	<b>Clarification Request/ Item Description</b>	<b>KRA Response</b>
1	Could you please precise the flight height? Below 500ft?	Prospective bidders are advised that in order to maintain line of sight and comply with requirement for fifty (50) km range, the flight height cannot be below 500 ft. The objective is to have a flight height that will not be audible from the ground (stealth).
2	We have identified no particular topics/elements regarding safety aspects and regulation. Could you please confirm that the current UAS solution envisaged is fully compliant with KCAA regulation (and certification).	Bidders are advised that The Civil Aviation (Unmanned Aircraft Systems) Regulations, 2021 Section 3 (2) effectively exempts Customs and Border Control Department of KRA from the Civil Aviation (Unmanned Aircraft Systems) Regulations, 2021 in respect to importation, ownership and operations of UAS for use to perform customs operations.
3	What is the starting date for the project?	This will commence after receipt of Local Service Order by successful tenderer.
4	What is the topography of the area where the drones are going to fly over (City or Open Ground)?	The UAS will operate in relatively open ground. In case of obstacles like trees and buildings the GCS antenna will be mounted on a higher platform.
5	Does the 50KM mission requested covers; i) 25Km to and 25Km back? ii) Or 50Km to and 50Km back?	Prospective bidders are advised that the 50km distance is with respect to the Line of Sight (LOS) communication distance between the Ground Control Station (GCS) and the drone. The GCS must be able to communicate with the drone up to a distance of at least 50km. On the other hand, the fuel / battery of the UAS must be able to sustain a flight of 50km and back without the need to refuel or change batteries in-flight.
6	Please clarify that the 3 hours flight time is for a complete trip (flight to area of interest, search time and return time).	The 3 hours endurance is the minimum endurance desired with full payloads (maximum fuel and camera installed). This time comprises transit and loiter time.



**Addendum:**

No	Bidder's Query	KRA Response
1	Is it possible to get more input regarding the data that you need to retrieve? (In order to determine if the flight height and the payload characteristics/AI may fit with your needs)	Bidders are advised the additional specifications for the drone camera should: <ul style="list-style-type: none"><li>• Has ability to positively identify a human being or 1.7m x 0.5m object from an altitude of at least 1,200ft (365 meters) Above the Ground Level (AGL).</li></ul>
	<b>Note:</b> Bidders are advised to: <ul style="list-style-type: none"><li>• Acknowledge receipt of this addendum published and uploaded on the KRA Website on <b>12<sup>th</sup> May, 2022</b></li><li>• Align their bid security to be valid upto and including <b>18th May 2023</b>.</li></ul>	

The Addendum form part of the bidding document and is binding to the bidder. All other terms and conditions of the tender remain the same. You are therefore required to immediately acknowledge the receipt of this addendum.

Regards,

**Benson Kiruja**

**For: Deputy Commissioner - Supply Chain Management**

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