REPUBLIC OF KENYA

MINISTRY OF ENVIRONMENT AND FORESTRY

KENYA METEOROLOGICAL DEPARTMENT

RE: RESPONSE TO REQUEST FOR CLARIFICATIONS FOR TENDER NO. MOE&F/KMD/OT/001/2022-2023 FOR SUPPLY, DELIVERY, INSTALLATION AND COMMISIONING OF SECURE AVIATION DATA INFORMATION SERVICE (SADIS) AND WEB-BASED PRE-FLIGHT BRIEFING SYSTEM FOR AERONAUTICAL METEOROLOGICAL SERVICES.

One of the prospective bidders has requested for clarification on technical aspects of the tender. The Ministry wishes to state that The Kenya Meteorological Department is designated by WMO as a Regional Telecommunication Hub (RTH) and on a National level operates a National Telecommunication Centre (NTC) at its headquarters in Nairobi. All the airports are part of the Meteorological Telecommunication Network and must have all the necessary IT infrastructure that meet National requirements of data collection/exchange and interfaces/gateways to the NTC, GTS and AFTN. These requirements have been included in the technical specifications as shown below:

Item No.	Request for clarification	Response to request for clarification
1	**Issue Raised:** 1) RFP document has mentioned the Automatic Message Switching System (AMSS) multiple times and mainly recommended software, while there is hardly any reference of any functional requirement of such an important system in the same document. 2) AMSS should be associated with the capability of the SADIS System, subject of the current procurement project, to interface with the AMSS as one of the data sources. 3) AMSS must not be made part of this procurement for the following reasons: • The AMSS is not part of the WAFS-SADIS scope and requires a separate RFP on its own, and substantial budget because of its own hardware and software requirements. • The current RFP has no functional requirement for the AMSS and no provision	Refer to Page 78, Clause 4.6 (b) of the tender document: **Software Requirements** Automatic Message Switching System (AMSS) is a standard ICAO ground-to-ground communication system for the exchange of air traffic control messages within the Aeronautical Fixed Telecommunication Network (AFTN) between airports. The requirement of this AMSS software component is in connection with the SADIS system's ability to communicate, compile, and route messages via AFTN/AMHS and GTS network and not as a stand-alone system. *Bidders are therefore hereby informed that this requirements remain as per the tender document*

	for its required hardware ● The Existing AMSSs on the market are of an older generation and WMO is in an advanced stage of replacing it with and advanced stage of replacing it with the WIS-2 solution.	
2	**Type 3 Server**	Refer to Page 76, 2 of the tender document. **Scope of Project** In the tender document on page 76, 2. Scope of the Project paragraph (*h) should be corrected to read* as follows: h) Moi Air Base (MAB), Laikipia Air Base (LAB), Wilson Airport, Wajir Airport, and Malindi Airport shall have workstation computers with browser clients. *Bidders are therefore hereby informed that there is no server type 3 required for Moi Air Base (MAB), Laikipia Air Base (LAB), Wilson Airport, Wajir Airport, and Malindi Airport.*
3	Discrepancy in the quantity and list of hardware requirements for the sites	Refer to Page 85 to 86 of the tender document: **Hardware items for the sites** The hardware items for the sites should be as follows:

Hardware List
HKJK (JKIA)

Item #	Item Code	Count	Notes
1.	HW-RACK	1	
2.	HW-RACKUPS	1	
3.	HW-RACKSWITCH	1	
4.	HW-HDPRN	1	
5.	HW-DUAL-RACKSERV	2	One spare
6.	HW-S-RACKSERV	3	One spare
7.	HW-LAPTOP	1	
8.	HW-MISC	1	
9.	HW-BWS	4	
10.	HW-FCWS	3	One spare
11.	SW-FCAST	1	On HW-S-RACKSERV
12.	SW-BRIEF	1	On HW-DUAL-RACKSERV
13.	SW-WAFS/AMSS	1	On HW-S-RACKSERV
14.	SW-WAFS/FCAST-WS	2	On HW-FCWS

HKNC (HQ

Item #	Item Code	Count	Notes
1.	HW-RACK	1	
2.	HW-RACKUPS	1	
3.	HW-RACKSWITCH	1	
4.	HW-DUAL-RACKSERV	1	
5.	HW-S-RACKSERV	3	
6.	HW-LAPTOP	1	
7.	HW-MISC	1	
8.	HW-BWS	2	
9.	HW-FCWS	1	
10.	SW-FCAST	1	On HW-S-RACKSERV
11.	SW-BRIEF	1	On HW-DUAL-RACKSERV
12.	SW-WAFS/AMSS	1	On HW-S-RACKSERV
13.	SW-SAT	1	On HW-S-RACKSERV
14.	SW-WAFS/FCAST-WS	1	On HW-FCWS

HKMO (Moi International Airport Mombasa)

Item #	Item Code	Count	Notes
1.	HW-TOWSERV	1	
2.	HW-SWITCH1	2	One spare
3.	HW- TOWUPS	1	
4.	HW-HDPRN	1	
5.	HW-MISC	1	
6.	HW-BWS	2	
7.	HW-FCWS	2	
8.	SW-FCAST	1	On HW-TOWSERV
9.	SW-WAFS/AMSS	1	On HW-TOWSERV
10.	SW-WAFS/FCAST-WS	1	On HW-FCWS

HKKI (Kisumu International Airport) and HKEL (Eldoret International Airport) each

Item #	Item Code	Count	Notes
1.	HW-TOWSERV	1	
2.	HW-SWITCH1	2	One spare
3.	HW- TOWUPS	1	
4.	HW-HDPRN	1	
5.	HW-MISC	1	
6.	HW-BWS	2	
7.	HW-FCWS	1	
8.	SW-FCAST	1	On HW-TOWSERV
9.	SW-WAFS/AMSS	1	On HW-TOWSERV
10.	SW-WAFS/FCAST-WS	1	On HW-FCWS

Wilson Airport (HKNW), Wajir Airport (HKWJ), Malindi Airport (HKML), Moi Airbase (MAB) (HKRE) and Laikipia Airbase (LAB) (HKNY) each

Item #	Item Code	Count	Notes
1.	HW-LIGHTUPS	1	
2.	HW-SWITCH1	1	
3.	HW-LDPRN	1	
4.	HW-BWS	1	

SUMMARY HARDWARE ITEMS

Item Code	Count
HW-RACK	2
HW-RACKUPS	2
HW-RACKSWITCH	2
HW-HDPRN	4
HW-DUAL-RACKSERV	3
HW-S-RACKSERV	6
HW-TOWSERV	3
HW- TOWUPS	3
HW-LIGHTUPS	25
HW-SWITCH1	11
HW-LDPRN	5
HW-BWS	17
HW-FCWS	8
HW-MISC	5
Laptop	2

4.	**Issue Raised:** Request for extension of tender opening date	Following request for extension of tender opening date by bidders, the Ministry has decided to extend the tender by Seven (7) days, from 19th October, 2022 to 26TH October, 2022 at 10:00 A.M East African Time. All other Terms and Conditions of Tender remain the same.

PRINCIPAL SECRETARY.