



本處檔號 OUR REF.: (12) in L/M (419/2023) in AF GR CPA 12/34
來函檔號 YOUR REF.:
電 話 TEL NO.: 2150 6841
圖文傳真 FAX.: 2317 0482

7 February 2024

To: Potential Tenderers

Dear Sir/Madam,

Addendum No. 2
Tender Ref.: AFCD/FCC/01/24
**Provision for Supply, Design and Installation of Hill Fire Detection System
in the Country Parks**

Further to the amendments to tender dated 26 January 2024 on the above subject, we would like to inform you that the following amendments have been made to the tender document:

Page No.	Amendment		
165	To revise Table (i) Supported Server Specifications in Annex IV		
	<u>Original</u>		
	Connection	Gigabit Ethernet + 1000Mbps Fiber connection to ISP, or better	Internet Connection 100Mbps and above at Datacenter
	No. of FD Support	1 ~ 200	1 ~ 100
	CPU	16-core 3.0Ghz Base Clock 128MB Level 3 Cache PCIe 4.0 x 128 Lane	AMD Ryzen Threadripper PRO 3955WX
Storage Drive	2 TB Harddrive per FD per month storage or NAS A 12 unit setup will require a 7.68TB Enterprise Grade SSD for storing 1 month of archive image data	30 x 16TB HDD Cables for connecting to Fast NAS Storage Unit 100GB Network Card	

Please address all replies to Director of Agriculture, Fisheries and Conservation

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<u>Revised</u>		
Connection	Gigabit Ethernet + 1000Mbps Fiber connection to ISP, or better	<i>100Mbps connection or above</i>
No. of FD Support	1 ~ <i>20</i>	1 ~ 100
CPU	16-core 3.0Ghz Base Clock 128MB Level 3 Cache PCIe 4.0 x <i>32 Lane</i>	AMD Ryzen Threadripper PRO 3955WX
Storage Drive	<i>2 TB Harddrive per FD and for storing 1 month of archive image data</i>	<i>8 x 16TB HDD</i>


The relevant amendments on Page 165 of the Tender Document (with indication of “Addendum No. 2”) is attached for your replacement. The original Page 165 is now treated as null and void.

The above amendments shall form part of the tender document. Despite the above, all other terms and conditions of the Tender Document shall remain unchanged.

Interested parties are reminded to deposit their tender proposals before **12:00 noon (Hong Kong time) on 14 February 2024**. A late tender, including a tender posted prior to, but received after the closing date, will not be considered.

If you have already submitted your tender proposals and wish to make changes, you should do so by submitting a revised proposal in accordance with the manner stipulated in the tender documents.

Yours faithfully,



(LEE Ying-ming)
for Director of Agriculture, Fisheries and Conservation

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Encl. (1 page)

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Annex IV**Technical Requirements of the Video Storage System and the User Control System**

The technical requirements of the Video Storage System (VSS) and the User Control System (UCS) listed below are mandatory features. The proposed VSS and UCS shall meet at least the basic specifications and requirements listed below.

(i) Supported Server Specifications

	Minimum Configuration of VSS installed at each Fire Lookout	Minimum Local Server Configuration for the UCS installed at the Fire Control Center
Infrastructure	Custom Made Barebone Server Hardware	Custom Made Barebone Server Hardware
Connection	Gigabit Ethernet + 1000Mbps Fiber connection to ISP, or better	100Mbps connection or above
No. of FD Support	1 ~ 20	1 ~ 100
CPU	16-core 3.0Ghz Base Clock 128MB Level 3 Cache PCIe 4.0 x 32 Lane	AMD Ryzen Threadripper PRO 3955WX
RAM	64 GB ECC DDR4 minimum	512GB DDR4 minimum
OS Drive	2 TB x 2 Mirror RAID SSD	512GB x 2 Mirror RAID SSD
Storage Drive	2 TB Harddrive per FD and for storing 1 month of archive image data	8 x 16TB HDD
OS	Ubuntu	Ubuntu
Database	Cassandra	Cassandra
Data Redundancy	RAID 1 / RAID 6 / ZFS RAID-Z2 / ZFS RAID-Z3 or equivalent configuration	RAID 1 / RAID 6 / ZFS RAID-Z2 / ZFS RAID-Z3 or equivalent configuration