

**1. General Information**

1.1 Supplier to be invited

Supplier is invited to bid the supply of Mobile Computer Device, Mobile Device Management (MDM) System and basic accessories in this procurement document.

1.2 School Information

School Name: Kwok Man School

1.3 Background

The hardware equipment and software services specified in this document are required to support the < kwok Man School > for the implementation of “Bring Your Own Device” (BYOD) policy in the 2021/22 school year.

**2. General Requirements**

2.1 We invite suppliers to submit proposals for the supply of the following mobile computer device, Mobile Device Management (MDM) System and basic accessories:

2.1.1 Items Required

Item No.	Description of Required Item	Estimated Quantity
1.	Mobile Computer Device	<50>
2.	Up to 3-year basic hardware warranty	<50>
3.	Mobile Device Management (MDM) System for managing the proposed mobile computer device	<80>
4.	Screen Sloved	<50>
5.	Protective Cover	<50>
6.	Stylus Pat	<50>
7.	Detachable Keyboard	<50>

2.1.2 Subsequent Order

The contractor will be required to supply the items of Section 2.1.1 of Part 2 in the 2021/22 school year, to cater for newly joined students in BYOD classes. The offered prices set out in Price Schedule of Part 10 shall remain valid or less than the proposed prices for the period stated in Price Validity of Part 8. The school shall have full discretion to decide the quantity of the items to be procured for any subsequent orders.

2.2 The contractor shall comply with the following implementation plan:

Activity Description	Completion Date
Hardware Delivery	Within < 8 weeks > from the date of written order
Installation for Hardware and MDM Configurations	- ditto -

2.3 Delay of Schedule

If the contractor fails to provide any item set out in this contract which shall be ready for use in the school within < 30 days > after the target Completion Date specified in Section 2.2 of Part 2 - General Requirements then notwithstanding anything else contained in this contract the school shall be entitled to terminate this contract with forthwith by giving written notice to the contractor and to recover from the contractor the amount of all damages and loss suffered by the school resulting from such failure, including without limitation to any damages and loss resulting from the termination of related orders.

### 3. Technical Requirements of Mobile Computer Device, MDM and Basic Accessories

3.1 Mobile Computer Device (iPadOS)

Suppliers shall propose one mobile computer device that meets the requirements specified below:

Features	Requirements
Processor	<ul style="list-style-type: none"> <li>• A13 chip with 64-bit architecture or above</li> </ul>
Display	<ul style="list-style-type: none"> <li>• 10.2-inch (diagonal) LED-backlit Multi-Touch display with IPS technology or above</li> <li>• At least 2160-by-1620-pixel resolution at 264 ppi</li> <li>• Fingerprint-resistant</li> <li>• Supports stylus pen</li> </ul>
Internal Storage	<ul style="list-style-type: none"> <li>• At least 64GB</li> </ul>
Wireless Connectivity	<ul style="list-style-type: none"> <li>• Supports WLAN (802.11ac); dual band (2.4GHz and 5GHz)</li> <li>• Bluetooth Technology</li> </ul>
Camera	<ul style="list-style-type: none"> <li>• Front and rear camera</li> <li>• Supports video recording</li> </ul>
Audio Port	<ul style="list-style-type: none"> <li>• Stereo speaker and microphone</li> </ul>
Others	<ul style="list-style-type: none"> <li>• Preloaded with iPadOS Operating System</li> <li>• Bundled with all necessary cables</li> </ul>

one mobile computer device that meets the requirements specified below:

Features	Requirements
Processor	<ul style="list-style-type: none"> <li>• At least dual-core</li> <li>• At least 2 GHz (maximum frequency)</li> </ul>
System Memory	<ul style="list-style-type: none"> <li>• At least 4 GB</li> </ul>

### 3.5 Mobile Device Management (MDM) System

Suppliers shall propose one MDM system that meets the requirements specified below:

Features	Requirements
Administrative Console	<ul style="list-style-type: none"> <li>• Register and de-register device</li> <li>• Display real-time device statuses, including but not limited to device serial number, battery life, connectivity and OS version</li> <li>• Create device groups for device assignment</li> <li>• Define standardize settings in device policy</li> </ul>
Manage Apps	<ul style="list-style-type: none"> <li>• Automatic app installation and app un-installation</li> <li>• Allow app installation for a batch of devices</li> <li>• Automatic keep app up-to-date</li> </ul>
Manage Settings	<ul style="list-style-type: none"> <li>• Enable or disable device restrictions, including but not limited to apps installation, camera, screen capture, passcode, force encrypted backup, delay software updates, auto-lock, erase data, app notifications, location tracking</li> <li>• Allow or dis-allow app removal</li> <li>• Show or hide apps</li> </ul>
Security	<ul style="list-style-type: none"> <li>• Enforce minimum OS version</li> <li>• Blacklist or whitelist applications</li> <li>• Passcode lock</li> <li>• Detect if device is compromised</li> </ul>
Compatibility	<ul style="list-style-type: none"> <li>• Compatible with the proposed mobile computer device</li> </ul>

### 3.6 Basic Accessories

The basic accessories to be procured and their specifications are as follows:

#### 3.6.1 Stylus Pen

Features	<ul style="list-style-type: none"> <li>• Allow to write and draw on a touch screen</li> <li>• Built-in electronic pressure sensors to detect at least 1024 levels of pressure</li> <li>• Enable palm rejection technology by allowing the hand to rest on the display screen of the proposed mobile computer device while writing without making unwanted marks from the hand touching the screen</li> </ul>
Compatibility	<ul style="list-style-type: none"> <li>• Compatible with the proposed mobile computer device</li> </ul>

#### 3.6.2 Detachable Keyboard

Features	<ul style="list-style-type: none"> <li>• Mechanical QWERTY Keyboard</li> </ul>
Compatibility	<ul style="list-style-type: none"> <li>• Compatible with the proposed mobile computer device</li> </ul>

#### 3.6.3 Screen Shield

Features	<ul style="list-style-type: none"><li>• Clear and anti-glare</li><li>• Protect the device against scratches</li></ul>
Compatibility	<ul style="list-style-type: none"><li>• Compatible with the proposed mobile computer device</li></ul>

#### 3.6.4 Protective Cover

Features	<ul style="list-style-type: none"><li>• Protect the front of the device</li></ul>
Compatibility	<ul style="list-style-type: none"><li>• Compatible with the proposed mobile computer device</li></ul>

### 4. Other Requirements

4.1 The contractor shall set up the relevant system including all the software , licenses and hardware (if any) for provision of MDM system.

4.2 The contractor shall provide details of the installation test and functional test of the MDM system to ensure that all the hardware (if any) and software items are correctly installed and functioning as expected.

### 5. Warranty Requirements

5.1 The warranty period shall be up to < 36 months > inclusive of at least 12-month free warranty period. The warranty shall include labor and parts for the proposed mobile computer device.

## **6. Service Requirements**

Basic installation and configuration services

The contractor is required to provide the following device registration and configuration services at no extra cost:

- 6.1 Configure school's preferred device enrollment settings;
- 6.2 Register the devices in the MDM in school for which to manage and control the devices;
- 6.3 Deploy a defined set of profiles to the devices; and
- 6.4 Deploy a defined set of school apps and other device restriction settings upon requesting by the school.

## **7. Document Preparation and Submission**

The supplier is required to submit the following information and documents.

- 7.1 Quotations are invited for the execution of the whole of the items as described in this document. Except the item in Section 3.5<sup>#</sup>, which can be excluded from the whole of the items. Quotations for part but not all of the items will not be considered.
- 7.2 A Statement of Compliance to provide response that the quotation complies with all requirements stated in this requirement specification.
- 7.3 Product information for Item No. 1, 2, 3 and 6 in Section 2.1.1 of Part 2, including technical and descriptive literature and catalogues. Information provided by the manufacturer shall be able to substantiate that the products offered to meet the mandatory requirement specification.
- 7.4 The supplier is required to provide a breakdown on the item costs for each of the items as set out at Section 10 - Price Schedule. Failure in complying with this requirement will render the quotation disqualified.

<sup>#</sup> applicable only if school requires a particular MDM system

## **8. Price Validity**

The offered prices shall remain valid from the date of submission of proposal and thereafter for a period of   7   months from the date of acceptance of proposal.

## **9. Basis of Acceptance**

Please note that the school has the absolute discretion to accept the whole of the items or just part of the items as listed out by items in this document.

The supplier should note that the unit price of each proposed item includes delivery and basic installation.

## **Enquiry**

For enquiry, please contact <Mr Tam > of < Kwok Man School > at < 29810432 > or email to < tamsir2012@gmail.com >.

**10. Price Schedule**

Item No.	Name of Item	Brand and Description	Unit Price (HK\$)	
1.	iPadOS mobile computer device			
2.	Mobile Device Management (MDM) System for managing the proposed mobile computer device		1-year	
			2-year	
			3-year	
3.	Extend the basic hardware warranty up to 3 years Purchase AppleCare+ for iPad servicePlan			
4.	Screen Shield			
5.	Protective Cover			
6.	Stylus Pen			
7.	Detachable Keyboard			

Notes: The supplier is required to fill in the Brand and Description and Unit Price (HK\$).

\* delete as appropriate

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