

Table 1

Procurement of computers and other mobile devices/equipment
by government departments
for implementing the work from home arrangement ^(Note)

(29 January to 30 April 2020)

Department	Type	Brand and model	Unit purchase price (HK\$)	Purpose	Quantity
Agriculture, Fisheries and Conservation Department	Security Token	RSA SecurID hardware token	680	Network Security	20
Architectural Services Department	Notebook	HP Pavilion Laptop, HP ProBook	7,020 to 8,200	Remote Working	90
Buildings Department	Video Communications Facilities	Logitech Webcam	200 to 580	Video Conferencing	35
Census and Statistics Department	Security Token	Safenet eToken	238	Network Security	200
Civil Service Bureau	Notebook	Fujitsu LifeBook	16,834	Remote Working	100
Companies Registry	Notebook	Lenovo IdeaPad	5,000	Remote Working	58
Department of Justice	Notebook	Fujitsu LifeBook	19,700	Remote Working	70
Development Bureau	Notebook	Fujitsu LifeBook	17,600	Remote Working	15
Electrical and Mechanical Services Department	Notebook	Lenovo ThinkPad, Microsoft Surface	13,600 to 17,980	Remote Working	20
Environment Bureau/Environmental Protection Department	Security Token	RSA SecurID hardware token	610	Network Security	50
	Video Communications Facilities	Logitech ConferenceCam Connect	9,200	Video Conferencing	1
	Video Communications Facilities	Logitech Webcam	468	Video Conferencing	1
	Router	HUAWEI 4G router	1,080	Network Connection	1
Financial Services and the Treasury Bureau	Notebook	Fujitsu LifeBook	17,500	Remote Working	20
Food and Environmental Hygiene Department	Security Token	VASCO DIGIPASS	823	Network Security	30
Food and Health Bureau	Notebook	Dell Latitude	7,100	Remote Working	30

Table 1

Department	Type	Brand and model	Unit purchase price (HK\$)	Purpose	Quantity
Government Property Agency	Notebook	Fujitsu LifeBook	15,000	Remote Working	75
Highways Department	Notebook	Acer Switch, ASUS, Lenovo IdeaPad, Lenovo ThinkPad, HP Pavilion, HP Probook, VAIO	7,535 to 15,476	Remote Working	314
	Notebook (including software)	Lenovo IdeaPad, Lenovo ThinkPad, Lenovo Yoga, VAIO	21,300 to 31,600	Remote Working	116
Hong Kong Observatory	Video Communications Facilities	Logitech Webcam, Sony Wireless Microphone	799 to 1,180	Video Conferencing	3
	Notebook	Fujitsu Lifebook	6,998	Remote Working	1
Immigration Department	Notebook/ Tablet	HP Elitebook, iPad Pro	8,343 to 11,500	Remote Working	185
Information Services Department	Notebook	Lenovo ThinkPad	12,250	Remote Working	12
Innovation and Technology Commission	Notebook	HP ProBook	8,300	Remote Working	55
Intellectual Property Department	Notebook	ASUS ZenBook 15, Lenovo ThinkPad	8,920 to 12,250	Remote Working	38
Invest Hong Kong	Notebook	HP Pavilion	5,498	Remote Working	17
Labour and Welfare Bureau	Notebook	Lenovo ThinkPad	7,000 to 7,400	Remote Working	16
Labour Department	Notebook	Acer Aspire and Swift, ASUS Laptop, Dell Inspiron and Vostro, HP Notebook, Lenovo IdeaPad	4,232 to 5,000	Remote Working	21
Land Registry	Notebook	HP Elitebook	7,210	Remote Working	20
	Security Token	SafeNet eToken	219	Network Security	34
Lands Department	Notebook	Fujitsu Lifebook	14,753	Remote Working	100

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Department	Type	Brand and model	Unit purchase price (HK\$)	Purpose	Quantity
Leisure and Cultural Services Department	Notebook	HP Probook, HP EliteBook, Lenovo ThinkPad	9,000 to 14,000	Remote Working	100
Marine Department	Notebook	HP ProBook and Envy	7,220 to 13,900	Remote Working	97
Office of the Communications Authority	Notebook	Fujitsu LifeBook	16,800	Remote Working	17
	Security Token	RSA SecurID hardware token	522	Network Security	20
Office of The Ombudsman	Mobile Device	iPhone	6,636	Remote Working	4
Official Receiver's Office	Notebook	Lenovo ThinkPad	14,080	Remote Working	37
	Security Token	RSA SecurID hardware token (with software)	1,642	Network Security	80
Planning Department	Notebook	Lenovo ThinkPad	13,980	Remote Working	60
Registration and Electoral Office	Security Token	RSA SecurID hardware token	412	Network Security	20
Security Bureau	Notebook	Fujitsu LifeBook	10,600	Remote Working	49
	Security Token	RSA SecurID hardware token	713	Network Security	60
Social Welfare Department	Server Memory	Lenovo Memory Modules	2,910	Remote Working	96
	Server	HP ProLiant	54,000	System Upgrade	8
Trade and Industry Department	Notebook	Lenovo ThinkPad	13,400	Remote Working	3
Transport and Housing Bureau	Notebook	Dell Latitude	5,345	Remote Working	16
Transport Department	Video Communications Facilities	Logitech ConferenceCam Connect, Jabra Speak	1,969 to 4,398	Video Conferencing	5
Treasury	Notebook	Lenovo ThinkPad	10,100	Remote Working	87
Working Family and Student Financial Assistance Agency	Notebook	Lenovo ThinkPad	10,000	Remote Working	17

Note: Since the products' retail price changes with market demand, government departments in general do not make reference to retail prices in the procurement process and hence do not maintain such information.

Table 2

Procurement of computer software by government departments
for implementing the work from home arrangement ^(Note)

(29 January to 30 April 2020)

Department	Type	Brand, name and version	Unit purchase price (HK\$)	Purpose	Quantity
Agriculture, Fisheries and Conservation Department	Identity Authentication	RSA Authentication System Software License	960	Network Security	20
Architectural Services Department	Operating System	Microsoft Windows 10 Enterprise	1,980	Remote Working	90
Audit Commission	Video Communications	Zoom	119	Video Conferencing	2
Buildings Department	Video Communications	Zoom	117	Video Conferencing	5
Chief Executive's Office	Video Communications	Cisco Webex	1,664	Video Conferencing	1
Chief Secretary for Administration's Office	Video Communications	Zoom	1,572	Video Conferencing	10
Civil Aviation Department	Video Communications	Zoom	116	Video Conferencing	4
Civil Service Bureau	Office Application	Microsoft Office Pro	3,504	Remote Working	100
	Notebook Application	WinZip	90	Remote Working	100
	Operating System	Microsoft Windows 10 Enterprise	2,182	Remote Working	100
		MS Windows Server CAL	257	Remote Working	100
		MS System Center Configuration Manager	535	Remote Working	100
Correctional Services Department	Identity Authentication	RSA Token Software License	4,981	Network Security	2
Department of Justice	Notebook Application	Symantec Endpoint Protection	123	Remote Working	70
	Office Application	Microsoft Office	2,354	Remote Working	70
Development Bureau	Identity Authentication	RSA SecurID Access Base Edition	1,424	Network Security	27
	Video Communications	Zoom	125	Video Conferencing	40
	Video Communications	Cisco Webex	1,664	Video Conferencing	1

Table 2

Department	Type	Brand, name and version	Unit purchase price (HK\$)	Purpose	Quantity
Drainage Services Department	Video Communications	Zoom Business	1,626	Video Conferencing	20
	Virtual Desktop	VMWare Horizon	3,592	Remote Working	10
	Identity Authentication	Symantec VIP	115	Network Security	100
Electrical and Mechanical Services Department	Video Communications	Zoom	116	Video Conferencing	10
Environment Bureau/Environmental Protection Department	Video Communications	Zoom Pro	1,500	Video Conferencing	4
	Video Communications	Zoom Business Plan	3,000	Video Conferencing	10
	Video Communications	Cisco Webex	2,120	Video Conferencing	1
Financial Services and the Treasury Bureau	Identity Authentication	New RSA Authentication Manager	1,315	Network Security	50
Fire Services Department	Video Communications	Cisco Webex Meeting	3,000	Video Conferencing	2
	Video Communications	Cisco Webex Event	50,000	Video Conferencing	1
Food and Environmental Hygiene Department	Identity Authentication	VASCO IDENTIKEY	1,500	Network Security	50
	Identity Authentication	VASCO DIGIPASS	360	Network Security	20
Food and Health Bureau	Office Application	Microsoft Office	2,305	Remote Working	30
Government Laboratory	Video Communications	Cisco Webex	1,664	Video Conferencing	1
Government Property Agency	Operating System	Microsoft Windows 10 Enterprise	2,200	Remote Working	75
	Office Application	Microsoft Office	2,350	Remote Working	75
	Notebook Application	WinZip	123	Remote Working	75
	Notebook Application	BCWipe	700	Remote Working	75
	Virtual Desktop	Citrix Virtual Apps and Desktops	2,850	Remote Working	75
Highways Department	Operating System	Microsoft Windows 10 Pro/Enterprise	1,340 to 3,287	Remote Working	168
	Office Application	Microsoft Office, Microsoft Office Pro	2,356 to 5,451	Remote Working	314
	Notebook Application	Adobe Acrobat Pro	3,380 to 6,026	Remote Working	46

Table 2

Department	Type	Brand, name and version	Unit purchase price (HK\$)	Purpose	Quantity
	Notebook Application	Trend Micro Enterprise Security	520 to 900	Remote Working	111
	Notebook Application	Kaspersky Antivirus	380	Remote Working	91
	Notebook Application	ESET Endpoint	530	Remote Working	91
Home Affairs Department	Identity Authentication	Fortinet FortiAuthenticator – VM License	240	Network Security	200
	Identity Authentication	FortiToken Software License Key	250	Network Security	200
Hong Kong Observatory	Video Communications	Zoom Business	1,583	Video Conferencing	11
Hongkong Post	VPN Software	Pulse Secure VPN Gateway	1,800	Remote Working	40
Immigration Department	Video Communications	Cisco Webex	1,664	Video Conferencing	1
	Notebook Application	Sophos Safeguard Device Encryption	587	Remote Working	50
		Dataram RAMDisk	700	Remote Working	50
		WinZip	299	Remote Working	50
		Symantec Endpoint Protection	350	Remote Working	50
		McAfee Complete Data Protection	980	Remote Working	50
		UDS SG Protected Disk	1,000	Remote Working	50
	Office Application	Microsoft Office	2,428	Remote Working	50
		Microsoft SharePoint CAL	626	Remote Working	50
	Operating System	Microsoft Windows 10 Enterprise	2,000	Remote Working	50
		Microsoft System Management Control Centre	504	Remote Working	50
		Microsoft Server CAL	192	Remote Working	50
Information Services Department	Office Application	Microsoft Office Pro	3,250	Remote Working	12
Innovation and Technology Commission	Video Communications	Zoom Business	1,569	Video Conferencing	10
	VPN Software	SMA Virtual Appliance	20,000	Remote Working	1

Table 2

Department	Type	Brand, name and version	Unit purchase price (HK\$)	Purpose	Quantity
		SMA user license	1,140	Remote Working	250
Intellectual Property Department	Office Application	Microsoft Office	2,434	Remote Working	38
	Notebook Application	BCWipe	490	Remote Working	38
		Symantec Endpoint Protection	130	Remote Working	38
Invest Hong Kong	VPN Software	Sonicwall SRA	1,991	Remote Working	25
Labour and Welfare Bureau	Operating System	Microsoft Windows 10 Enterprise	2,010	Remote Working	16
Labour Department	Office Application	Microsoft Office	2,188	Remote Working	10
	Office Application	Microsoft Office 365 Business	231	Remote Working	1
	Operating System	Microsoft Windows 10 Pro (Upgrade)	1,080	Remote Working	3
Lands Department	Office Application	Microsoft Office	2,310	Remote Working	100
Leisure and Cultural Services Department	Office Application	Microsoft Office	2,400	Remote Working	90
Marine Department	Operating System	Microsoft Windows 10 Enterprise	1,920	Remote Working	30
Office of the Communications Authority	VPN Software	Concurrent User Licence for SonicWALL Secure Mobile Access 6210 Appliances	896	Remote Working	50
	Identity Authentication	RSA SecurID Software Token Seeds	554	Network Security	20
Office of The Ombudsman	Video Communications	Zoom	117	Video Conferencing	1
Official Receiver's Office	Office Application	Microsoft Office	2,399	Remote Working	37
	Video Communications	Zoom	117	Video Conferencing	1
	Video Communications	Cisco Webex	106	Video Conferencing	1
Planning Department	Office Application	Microsoft Office	2,390	Remote Working	60
	Notebook Application	BCWipe	680	Remote Working	60
	Operating System	Microsoft Windows 10 Enterprise	2,380	Remote Working	60

Table 2

Department	Type	Brand, name and version	Unit purchase price (HK\$)	Purpose	Quantity
	Video Communications	Cisco Webex Event	40,000	Video Conferencing	1
	Video Communications	Cisco Webex Meetings	1,664	Video Conferencing	1
Registration and Electoral Office	VPN Software	SonicWall SMA User License	2,168	Remote Working	50
Security Bureau	Operating System	Microsoft Windows 10 Enterprise	1,980	Remote Working	49
	Office Application	Microsoft Office	2,300	Remote Working	49
Social Welfare Department	Virtual Desktop	Citrix Virtual Apps and Desktops	1,685	Remote Working	600
	Identity Authentication	SafeNet Authentication Service	833	Network Security	600
	Notebook Application	McAfee MOVE AntiVirus for Virtual Desktops	250	Network Security	600
	Operating System	Microsoft Windows Server Standard	800	Remote Working	80
Trade and Industry Department	Mobile Device Management Software	MobileIron Enterprise Mobility Management Gold License	798	Remote Working	200
Transport Department	Video Communications	Nextcloud TALK (High Performance Backend Server on Ubuntu LTS)	1,400	Video Conferencing	100
Treasury	Operating System	Microsoft Windows 10 Enterprise	2,002	Remote Working	87
		MS SCCM Client	390	Remote Working	87
	Office Application	Microsoft Office	2,388	Remote Working	87
	Identity Authentication	Safenet Authentication Client	120	Network Security	87
Working Family and Student Financial Assistance Agency	VPN Software	SonicWall SMA User License	1,552	Remote Working	25

Note: Since the products' retail price changes with market demand, government departments in general do not make reference to retail prices in the procurement process and hence do not maintain such information.

Table 3

**Enhancement of the capacities of
government departments' communications / networks / databases
for implementing the work from home arrangement**

(29 January to 30 April 2020)

Department	Facility / service type	Enhancement percentage	Supplier / contractor	Purpose	Monthly expenditure (HK\$)
Agriculture, Fisheries and Conservation Department	Network Connection	100%	HGC Global Communications Limited	Increase bandwidth	1,080
Buildings Department	Network Connection	1 900%	HGC Global Communications Limited	Increase bandwidth	307
Chief Secretary for Administration's Office	Network Connection	150%	HGC Global Communications Limited	Increase bandwidth	6,480
	Network Connection	150%	Hong Kong Broadband Network Limited	Increase bandwidth	1,425
Civil Service Bureau	VPN Services	100%	Microware Limited	Increase the number of real-time concurrent users	23,750
Companies Registry	Network Connection	500%	HGC Global Communications Limited	Increase bandwidth	3,220
	Network Connection	1 250%	Hong Kong Broadband Network Limited	Increase bandwidth	690
Department of Justice	Network Connection	36%	Hong Kong Broadband Network Limited	Increase bandwidth	240
Electrical and Mechanical Services Department	Network Connection	500%	HGC Global Communications Limited	Increase bandwidth	3,170
Government Property Agency	Network Connection	400%	Hong Kong Broadband Network Limited	Increase bandwidth	4,400
Labour Department	VPN Services	150%	ATech Communication (HK) Ltd	Increase the number of real-time concurrent users	707

Table 3

Department	Facility / service type	Enhancement percentage	Supplier / contractor	Purpose	Monthly expenditure (HK\$)
Legal Aid Department	Network Connection	100%	HGC Global Communications Limited	Increase bandwidth	864
Office of The Ombudsman	Network Connection	300%	Hong Kong Telecommunications (HKT) Limited	Increase bandwidth	488
Official Receiver's Office	Network Connection	150%	HGC Global Communications Limited	Increase bandwidth	120
	Network Connection	150%	Hong Kong Broadband Network Limited	Increase bandwidth	120
Planning Department	Network Connection	1 000%	HGC Global Communications Limited	Increase bandwidth	1,450
	Network Connection	1 000%	Hong Kong Broadband Network Limited	Increase bandwidth	2,545
Registration and Electoral Office	Network Connection	1 000%	Hong Kong Broadband Network Limited	Increase bandwidth	338
Security Bureau	Network Connection	400%	HGC Global Communications Limited	Increase bandwidth	4,196
Treasury	Network Connection	150%	HGC Global Communications Limited	Increase bandwidth	286
Working Family and Student Financial Assistance Agency	Network Connection	328%	HGC Global Communications Limited	Increase bandwidth	66