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 | Qua- ntity |
|--|--|--|----------------------------|-----------------------|---------------|
| 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 Communi- cations 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 | Security Token | RSA SecurID hardware token | 610 | Network Security | 50 |
| Protection Department | Video Communi- cations Facilities | Logitech ConferenceCam Connect | 9,200 | Video Conferencing | 1 |
| | Video Communi- cations 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 |

| Department | Type | Brand and model | Unit purchase price (HK\$) | Purpose | Qua- ntity |
|-----------------------|------------|------------------------|---|--------------|---------------|
| Government Property | Notebook | Fujitsu LifeBook | 15,000 | Remote | 75 |
| Agency | | | | Working | |
| Highways Department | Notebook | Acer Switch, | 7,535 to | Remote | 314 |
| | | ASUS, Lenovo | 15,476 | Working | |
| | | IdeaPad, Lenovo | | | |
| | | ThinkPad, HP | | | |
| | | Pavilion, HP | | | |
| | | Probook, VAIO | | | |
| | Notebook | Lenovo IdeaPad, | 21,300 to | Remote | 116 |
| | (including | Lenovo | 31,600 | Working | |
| | software) | ThinkPad, | | | |
| | | Lenovo Yoga, VAIO | | | |
| Hong Kong | Video | Logitech | 799 to 1,180 | Video | 3 |
| Observatory | Communi- | Webcam, Sony | | Conferencing | |
| | cations | Wireless | | | |
| | Facilities | Microphone | | | |
| | Notebook | Fujitsu Lifebook | 6,998 | Remote | 1 |
| | | | | Working | |
| Immigration | Notebook/ | HP Elitebook, | 8,343 to | Remote | 185 |
| Department | Tablet | iPad Pro | 11,500 | Working | |
| Information Services | Notebook | Lenovo ThinkPad | 12,250 | Remote | 12 |
| Department | | | | Working | |
| Innovation and | Notebook | HP ProBook | 8,300 | Remote | 55 |
| Technology | | | | Working | |
| Commission | NT / 1 1 | ACITIC Z D 1 | 0.020 / | D . | 20 |
| Intellectual Property | Notebook | ASUS ZenBook | 8,920 to | Remote | 38 |
| Department | | 15, Lenovo ThinkPad | 12,250 | Working | |
| Invest Hong Kong | Notebook | HP Pavilion | 5,498 | Remote | 17 |
| mivest flong frong | Notebook | THE TAVISION | 3,170 | Working | 17 |
| Labour and Welfare | Notebook | Lenovo ThinkPad | 7,000 to 7,400 | Remote | 16 |
| Bureau | 1,000,001 | 20110 7 0 111111111 00 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | Working | 10 |
| Labour Department | Notebook | Acer Aspire and | 4,232 to 5,000 | Remote | 21 |
| | | Swift, ASUS | ,,,,,,, | Working | |
| | | Laptop, Dell | | | |
| | | Inspiron and | | | |
| | | Vostro, HP | | | |
| | | Notebook, | | | |
| | | Lenovo IdeaPad | | | |
| Land Registry | Notebook | HP Elitebook | 7,210 | Remote | 20 |
| | | | | Working | |
| | Security | SafeNet eToken | 219 | Network | 34 |
| | Token | | | Security | |
| Lands Department | Notebook | Fujitsu Lifebook | 14,753 | Remote | 100 |
| | | | | Working | |

| Department | Type | Brand and model | Unit purchase price (HK\$) | Purpose | Qua- ntity |
|----------------------|------------|------------------|----------------------------|--------------|---------------|
| Leisure and Cultural | Notebook | HP Probook, HP | 9,000 to | Remote | 100 |
| Services Department | | EliteBook, | 14,000 | Working | |
| r | | Lenovo ThinkPad | , | 8 | |
| Marine Department | Notebook | HP ProBook and | 7,220 to | Remote | 97 |
| 1 | | Envy | 13,900 | Working | |
| Office of the | Notebook | Fujitsu LifeBook | 16,800 | Remote | 17 |
| Communications | | | | Working | |
| Authority | Security | RSA SecurID | 522 | Network | 20 |
| • | Token | hardware token | | Security | |
| Office of The | Mobile | iPhone | 6,636 | Remote | 4 |
| Ombudsman | Device | | | Working | |
| Official Receiver's | Notebook | Lenovo ThinkPad | 14,080 | Remote | 37 |
| Office | | | | Working | |
| | Security | RSA SecurID | 1,642 | Network | 80 |
| | Token | hardware token | | Security | |
| | | (with software) | | | |
| Planning Department | Notebook | Lenovo ThinkPad | 13,980 | Remote | 60 |
| 0 1 | | | | Working | |
| Registration and | Security | RSA SecurID | 412 | Network | 20 |
| Electoral Office | Token | hardware token | | Security | |
| Security Bureau | Notebook | Fujitsu LifeBook | 10,600 | Remote | 49 |
| • | | | | Working | |
| | Security | RSA SecurID | 713 | Network | 60 |
| | Token | hardware token | | Security | |
| Social Welfare | Server | Lenovo Memory | 2,910 | Remote | 96 |
| Department | Memory | Modules | | Working | |
| | Server | HP ProLiant | 54,000 | System | 8 |
| | | | | Upgrade | |
| Trade and Industry | Notebook | Lenovo ThinkPad | 13,400 | Remote | 3 |
| Department | | | | Working | |
| Transport and | Notebook | Dell Latitude | 5,345 | Remote | 16 |
| Housing Bureau | | | | Working | |
| Transport Department | Video | Logitech | 1,969 to 4,398 | Video | 5 |
| | Communi- | ConferenceCam | | Conferencing | |
| | cations | Connect, Jabra | | | |
| | Facilities | Speak | | | |
| Treasury | Notebook | Lenovo ThinkPad | 10,100 | Remote | 87 |
| | | | | Working | |
| Working Family and | Notebook | Lenovo ThinkPad | 10,000 | Remote | 17 |
| Student Financial | | | | Working | |
| Assistance Agency | | | | | |

<u>Note</u>: 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.

$\frac{\textbf{Procurement of computer software by government departments}}{\textbf{for implementing the work from home arrangement}}$

(29 January to 30 April 2020)

| Department | Type | Brand, name and version | Unit purchase price (HK\$) | Purpose | Qua- ntity | |
|--|----------------------------|--|----------------------------|-----------------------|---------------|--|
| 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 | |

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

| Department | Туре | Brand, name and version | Unit purchase price (HK\$) | Purpose | Qua- ntity |
|----------------|------------------|-------------------------|----------------------------|--------------|---------------|
| | Notebook | Trend Micro | 520 to 900 | Remote | 111 |
| | Application | Enterprise Security | | Working | |
| | Notebook | Kaspersky Antivirus | 380 | Remote | 91 |
| | Application | | | Working | |
| | Notebook | ESET Endpoint | 530 | Remote | 91 |
| | Application | 1 | | Working | |
| Home Affairs | Identity | Fortinet | 240 | Network | 200 |
| Department | Authentication | FortiAuthenticator – | | Security | |
| 1 | | VM License | | | |
| | Identity | FortiToken Software | 250 | Network | 200 |
| | Authentication | License Key | | Security | |
| Hong Kong | Video | Zoom Business | 1,583 | Video | 11 |
| Observatory | Communications | | , | Conferencing | |
| Hongkong Post | VPN Software | Pulse Secure VPN | 1,800 | Remote | 40 |
| 88 | | Gateway | _,,,,, | Working | |
| Immigration | Video | Cisco Webex | 1,664 | Video | 1 |
| Department | Communications | | 1,00 | Conferencing | |
| Department | Notebook | Sophos Safeguard | 587 | Remote | 50 |
| | Application | Device Encryption | 307 | Working | 30 |
| | 1 ipplication | Dataram RAMDisk | 700 | Remote | 50 |
| | | Dataram R/ M/Disk | 700 | Working | 30 |
| | | WinZip | 299 | Remote | 50 |
| | | WillZip | 2)) | Working | 30 |
| | | Symantec Endpoint | 350 | Remote | 50 |
| | | Protection | 330 | Working | 30 |
| | | McAfee Complete | 980 | Remote | 50 |
| | | Data Protection | 900 | Working | 30 |
| | | UDS SG Protected | 1,000 | Remote | 50 |
| | | Disk | 1,000 | | 30 |
| | Office | Microsoft Office | 2.429 | Working | 50 |
| | | Microsoft Office | 2,428 | Remote | 30 |
| | Application | Microsoft | (26 | Working | 50 |
| | | | 626 | Remote | 50 |
| | 0 1: 0 1 | SharePoint CAL | 2 000 | Working | 50 |
| | Operating System | Microsoft Windows | 2,000 | Remote | 50 |
| | | 10 Enterprise | 504 | Working | 50 |
| | | Microsoft System | 504 | Remote | 50 |
| | | Management Control | | Working | |
| | | Centre | 102 | D . | 50 |
| | | Microsoft Server | 192 | Remote | 50 |
| ~ | 0.00 | CAL | 2.220 | Working | 1.0 |
| Information | Office | Microsoft Office Pro | 3,250 | Remote | 12 |
| Services | Application | | | Working | |
| Department | | | | | |
| Innovation and | Video | Zoom Business | 1,569 | Video | 10 |
| Technology | Communications | | | Conferencing | |
| Commission | VPN Software | SMA Virtual | 20,000 | Remote | 1 |
| | | Appliance | | Working | |

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

Table 2

| Department | Type | Brand, name and version | Unit purchase price (HK\$) | Purpose | Qua- ntity |
|------------------|------------------|-------------------------|----------------------------|---|---------------|
| | Video | Cisco Webex Event | 40,000 | Video | 1 1 1 |
| | Communications | CISCO WEDEX EVEIL | 40,000 | Conferencing | 1 |
| | Video | Cisco Webex | 1,664 | Video | 1 |
| | Communications | Meetings | 1,004 | Conferencing | 1 |
| Registration and | VPN Software | SonicWall SMA | 2,168 | Remote | 50 |
| Electoral Office | VIIV Software | User License | 2,100 | Working | 30 |
| Security Bureau | Operating System | Microsoft Windows | 1,980 | Remote | 49 |
| Security Bureau | Operating bystem | 10 Enterprise | 1,,000 | Working | 77 |
| | Office | Microsoft Office | 2,300 | Remote | 49 |
| | Application | Wherosoft Office | 2,300 | Working | 77 |
| Social Welfare | Virtual Desktop | Citrix Virtual Apps | 1,685 | Remote | 600 |
| Department | v irtuar Besktop | and Desktops | 1,003 | Working | 000 |
| Department | Identity | SafeNet | 833 | Network | 600 |
| | Authentication | Authentication | 033 | Security | 000 |
| | | Service | | Security | |
| | Notebook | McAfee MOVE | 250 | Network | 600 |
| | Application | AntiVirus for Virtual | | Security | |
| | F F | Desktops | | ~ · · · · · · · · · · · · · · · · · · · | |
| | Operating System | Microsoft Windows | 800 | Remote | 80 |
| | | Server Standard | | Working | |
| Trade and | Mobile Device | MobileIron | 798 | Remote | 200 |
| Industry | Management | Enterprise Mobility | | Working | |
| Department | Software | Management Gold | | | |
| | | License | | | |
| Transport | Video | Nextcloud TALK | 1,400 | Video | 100 |
| Department | Communications | (High Performance | | Conferencing | |
| | | Backend Server on | | | |
| | | Ubuntu LTS) | | | |
| Treasury | Operating System | Microsoft Windows | 2,002 | Remote | 87 |
| | | 10 Enterprise | | Working | |
| | | MS SCCM Client | 390 | Remote | 87 |
| | | | | Working | |
| | Office | Microsoft Office | 2,388 | Remote | 87 |
| | Application | | | Working | |
| | Identity | Safenet | 120 | Network | 87 |
| | Authentication | Authentication | | Security | |
| | | Client | | | |
| Working Family | VPN Software | SonicWall SMA | 1,552 | Remote | 25 |
| and Student | | User License | | Working | |
| Financial | | | | | |
| Assistance | | | | | |
| Agency | | | | | |

<u>Note</u>: 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.

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

(29 January to 30 April 2020)

| D | | | | | | | | |
|--|-------------------------------|------------------------|---|---|----------------------------|--|--|--|
| 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 | Network Connection | 150% | HGC Global Communications Limited | Increase bandwidth | 6,480 | | | |
| Office | 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 | | | |

| 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 Tele- communications (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 |