LC Paper No. CB(1)220/19-20(01)

INNOVATION AND TECHNOLOGY BUREAU

香港特別行政區政府 創新及科技局

香港添馬添美道二號政府總部西翼二十樓



THE GOVERNMENT OF THE HONG KONG SPECIAL ADMINISTRATIVE REGION

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By email

3 December 2019

Mr Daniel SIN, Chief Council Secretary, Panel on Information Technology and Broadcasting, Legislative Council Complex, 1 Legislative Council Road, Central, Hong Kong

Dear Mr SIN,

Meeting of the Panel on Information Technology and Broadcasting on 11 November 2019

Supplementary Information

At the meeting of the Panel on Information Technology and Broadcasting on 11 November 2019, Members requested the following supplementary information regarding projects under Capital Works Reserve Fund Head 710 Computerisation Subhead A007GX (Block Allocation) -

(a) The list of 628 projects implemented/to be implemented in 2019-20

The list is provided on pages 879 to 945 of the Legislative Council Paper No. CB(1)162/19-20(01) ("Part A - Previously approved items and other items to commence in 2019-20 with expected expenditure in 2019-20 and/or 2020-21 under Head 710 Computerisation Subhead A007GX (Block Allocation)" of "Capital Works Reserve Fund Block Allocations for the Financial Year 2020-21"), which can be accessed via this link: https://www.legco.gov.hk/yr19-20/chinese/panels/dev/papers/devcb1-162-1-ec.pdf#page=879.

(b) Among the 267 proposed new projects to be implemented in 2020-21, the types of technologies that would be adopted and the projects for which the Administration would conduct privacy impact assessments are set out at **Annex**.

Yours sincerely,

(Eva YAM)

for Secretary for Innovation and Technology

Encl.

Proposed New Projects to be implemented in 2020-21

Technology to be Adopted and Privacy Impact Assessment to be Conducted

	Bureau /	Project Title	Туре	Type of Technology to be Adopted (Note 1)				
	Department		(i) Blockchain	(ii) Artificial Intelligence	(iii) Facial Recognition Technology	(iv) Big Data Analytics		Impact Assessment to be Conducted (Note 2)
1	Agriculture, Fisheries and Conservation Department	Upgrade of Departmental Portal						
2	Agriculture, Fisheries and Conservation Department	Enhancement of Government Forms for Adoption of "iAM Smart" and e-Submission						✓
3	Agriculture, Fisheries and Conservation Department	IT Security Risk Assessment and Audit						
4	Agriculture, Fisheries and Conservation Department	Upgrade of Thematic Websites						
5	Agriculture, Fisheries and Conservation Department	Upgrade of Departmental Intranet System						
6	Architectural Services Department	Upgrade of Office Automation Facilities						
7	Architectural Services Department	Electronic Contractor Documents Submission and Approval Platform						✓
8	Architectural Services Department	Electronic Forms and Data Processing System						
9	Architectural Services Department	Electronic Contractor Performance Assessment and Management System						√
10	Architectural Services Department	Integrated Works Project Management Portal						
11	Architectural Services Department	Upgrade of e-Leave System						

Note 1: The technology to be adopted may be subject to change after system analysis and design.

Note 2: A privacy impact assessment is to be conducted if personal data are handled in the systems concerned. However, no assessment is needed if the projects only involve system upgrade (such as hardware and software upgrade). For centrally-developed systems (e.g. e-Leave System and Government Human Resources Management Services), privacy impact assessments had been conducted before deployment to bureaux/departments. Bureaux/departments may decide whether additional privacy impact assessments are required based on their own circumstances (e.g. involving substantial system customisation). The need for a privacy impact assessment may be subject to change after system analysis and design.

	Bureau /	Project Title	Туре	of Technol	ogy to be Ad	lopted (N	ote 1)	Privacy
	Department		(i) Blockchain	(ii) Artificial Intelligence	(iii) Facial Recognition Technology	(iv) Big Data Analytics		Impact Assessment to be Conducted (Note 2)
12	Architectural Services Department	Revamp of Works Project Information System to Data Analytics Platform						
13	Architectural Services Department	Upgrade of Departmental Database System						
	Auxiliary Medical Service	Revamp of Departmental Website						
15	Auxiliary Medical Service	Upgrade of Office Automation System and Network Equipment						
16	Buildings Department	Upgrade of Departmental Portal						
17	Buildings Department	Information Systems Strategy Study and Consultancy Study on Data Architecture						
18	Buildings Department	Upgrade of Geographical Information System						
19	Buildings Department	Strengthening Data Security						
20	Buildings Department	Enhancement of On-line Building Records Access and Viewing System						
21	Buildings Department	Enhancement of Building Condition Information System						
22	Buildings Department	Enhancement of Building Development Information System						√
23	Buildings Department	Pilot Project for Development of Common Digital Platform for Site Supervision						√
24	Census and Statistics Department	Upgrade of e-Leave System						
25	Census and Statistics Department	Implementation of Electronic Data Collection Mode in Labour Earnings Survey and Quarterly Survey of Employment and Vacancies						>
26	Census and Statistics Department	Feasibility Study on Use of Mobile Devices in Data Collection and Fieldwork Management						
27	Census and Statistics Department	Migration of Selected Survey Systems to Upgraded Data Processing and Analysis Platform				✓		
28	Census and Statistics Department	Development of Computer System Supporting Anonymisation of Survey Data and Data Exchange for Quality Assurance Process						

	Bureau /	Project Title	Туре	of Technol	ogy to be Ad	lopted (No	ote 1)	Privacy
	Department		(i) Blockchain	(ii) Artificial Intelligence	(iii) Facial Recognition Technology	(iv) Big Data Analytics	(v) Robotics Technology	Impact Assessment to be Conducted (Note 2)
29	Census and Statistics Department	Development of Common Interactive Data Dissemination System for Social and Economic Statistics						
30	Chief Executive's Office	Upgrade of e-Leave System						
31	Chief Secretary for Administration's Office	Upgrade of Departmental Portal						
32	Chief Secretary for Administration's Office	Upgrade of Network Equipment for Local Area Network and Administration Accommodation Network						
33	Chief Secretary for Administration's Office	Upgrade of Wi-Fi Network Equipment in Central Government Offices						
34	Civil Aid Service	Revamp of Departmental Website with Mobile-Friendly Design						
35	Civil Aid Service	Enhancement of Human Resources Management System						
36	Civil Aid Service	Upgrade of e-Leave System						
37	Civil Aviation Department	Upgrade of Information Sharing Platform						
38	Civil Engineering and Development Department	IT Security Risk Assessment and Audit						
39	Civil Engineering and Development Department	Extension of IT Infrastructure						
40	Civil Engineering and Development Department	Online Dissemination of Airborne Light Detection and Ranging Data						
41	Civil Engineering and Development Department	Building Information Modelling Data Repository						
42	Civil Engineering and Development Department	Enhancement of Common Operational Picture						
43	Civil Engineering and Development Department	Upgrade of Office Automation Facilities						
44	Civil Engineering and Development Department	Enhancement of Integrated Landslide Information System				√		
45	Civil Engineering and Development Department	Departmental Inventory System						
46	Civil Service Bureau	Upgrade of Departmental Portal						

	Bureau / Department	Project Title	Туре	of Technol	ogy to be Ad	lopted (No	ote 1)	Privacy Impact
	Department		(i) Blockchain	(ii) Artificial Intelligence	(iii) Facial Recognition Technology	(iv) Big Data Analytics	(v) Robotics Technology	Assessment to be Conducted (Note 2)
47	Civil Service Bureau	Technology Refresh for Network Infrastructure, Server Systems and IT Facilities						
48	Civil Service Bureau	Enhancement of Online Application Systems for Adoption of "iAM Smart" and Mobile-Friendly Design						√
49	Civil Service Bureau	Online Appraisal System for Executive Officer Grade						√
50	Civil Service Bureau	IT Security Risk Assessment and Audit						
51	Commerce and Economic Development Bureau	Upgrade of e-Leave System (Communications and Creative Industries Branch)						
52	Commerce and Economic Development Bureau	Upgrade of Virtual Private Network						
53	Commerce and Economic Development Bureau	IT Security Risk Assessment and Audit (Commerce, Industry and Tourism Branch and Overseas Hong Kong Economic and Trade Offices)						
54	Commerce and Economic Development Bureau	Upgrade of Office Automation Servers						
55	Constitutional and Mainland Affairs Bureau	Relocation and Upgrade of IT Systems and Facilities and Revamp of Website (Economic and Trade Office in Chengdu)						
56	Constitutional and Mainland Affairs Bureau	Upgrade of IT Security Infrastructure and Strengthening Cyber Threat Protection (Economic and Trade Office in Shanghai)						
57	Constitutional and Mainland Affairs Bureau	Upgrade of IT Security Infrastructure and Strengthening Cyber Threat Protection (Beijing Office)						
58	Constitutional and Mainland Affairs Bureau	Upgrade of IT Security Infrastructure and Strengthening Cyber Threat Protection (Economic and Trade Office in Wuhan)						
59	Constitutional and Mainland Affairs Bureau	Upgrade of IT Security Infrastructure and Strengthening Cyber Threat Protection (Economic and Trade Office in Guangdong)						

	Bureau /	Project Title	Туре	of Technol	ogy to be Ad	lopted (No	ote 1)	Privacy
	Department		(i) Blockchain	(ii) Artificial Intelligence	(iii) Facial Recognition Technology	(iv) Big Data Analytics	(v) Robotics Technology	Impact Assessment to be Conducted (Note 2)
60	Correctional Services Department	Upgrade of Departmental Portal						
61	Correctional Services Department	Integrated Intelligent Communication System at Lo Wu Correctional Institution		✓				√
62	Correctional Services Department	Upgrade of e-Leave System						
63	Correctional Services Department	Development of Delivery System for Correctional Services Industries Products						
64	Correctional Services Department	Development of Warehouse Management and Inventory Control System						
65	Customs and Excise Department	Enhancement of Websites of Dutiable Commodities System and Road Cargo System adopting Mobile-Friendly Design						
66	Customs and Excise Department	Enhancement of Currency and Bearer Negotiable Instruments Declaration System and Road Cargo System for Adoption of "iAM Smart"						√
67	Customs and Excise Department	Upgrade of Hardware and Software for Case Processing System						
68	Customs and Excise Department	Revamp of Departmental Website						
69	Customs and Excise Department	Upgrade of Hardware and Software for Land Boundary System						
70	Customs and Excise Department	Upgrade of Hardware and Software for Money Service Operators Licensing System						
71	Customs and Excise Department	Upgrade of Network Infrastructure						
72	Customs and Excise Department	Provision of IT Facilities to Support Customs Control Operations at Intermodal Transfer Terminal of Hong Kong International Airport						
73	Department of Health	Implementation of Government Human Resources Management Services						√
74	Department of Health	Development of Medical Device Information System						
75	Department of Health	Enhancement of Human Reproductive Technology Activities Information System						√

	Bureau /	Project Title	Туре	of Technol	ogy to be Ad	lopted (No	ote 1)	Privacy
	Department		(i) Blockchain	(ii) Artificial Intelligence	(iii) Facial Recognition Technology	(iv) Big Data Analytics	(v) Robotics Technology	Impact Assessment to be Conducted (Note 2)
76	Department of Health	Computerisation of Reprovisioned Fu Shan Public Mortuary						√
77	Department of Health	Replacement of Hardware, Software and Network Equipment for Laboratory Information System, and Setting up of Bi-directional Laboratory Test Request Interface with Hospital Authority						✓
78	Department of Health	Implementation of Chinese Medicines Herbarium Repository Information System						
79	Department of Health	Revamp of Toothclub Website and Integrated Online Oral Health Resource and Information System						√
80	Department of Health	Enhancement of Tobacco and Alcohol Control Office Information System						✓
81	Department of Health	Upgrade of e-Leave System						
82	Department of Health	IT Security Risk Assessment and Audit for Student Health Service Information System						
83	Development Bureau	Inventory Record System						
84	Development Bureau	Development of Database System for Appeal Cases						√
85	Drainage Services Department	Upgrade of Departmental Portal						
	Drainage Services Department	Upgrade of e-Leave System						
	Drainage Services Department	Revamp of Complaint Enquiry Record System						√
	Drainage Services Department	Departmental Information Technology Plan Study						
89	Drainage Services Department	Upgrade of Electronic Information Management System						√
90	Drainage Services Department	Revamp of Laboratory Information Management System						
91	Drainage Services Department	Implementation of Mobile Site Inspection System						
92	Drainage Services Department	Revamp of Automated Mapping / Facility Management System		✓		✓		
93	Drainage Services Department	Replacement of Human Resources Management System and Training Administration System						√

	Bureau /	Project Title	Туре	of Technol	ogy to be Ad	lopted (N	ote 1)	Privacy
	Department		(i) Blockchain	(ii) Artificial Intelligence	(iii) Facial Recognition Technology	(iv) Big Data Analytics		Impact Assessment to be Conducted (Note 2)
94	Drainage Services Department	Implementation of Project Collaboration System – Document Management System and Pilot Workflow and e-Form Processing						√
95	Education Bureau	Replacement of Network Equipment						
96	Education Bureau	Upgrade of e-Platform for School Development and Accountability						✓
97	Education Bureau	Revamp of Kindergarten Quality Review Information System						√
98	Education Bureau	Enhancement of User Interface for Web-based School Administration and Management System						
99	Education Bureau	Upgrade of Virtualised Infrastructure for Servers						
100	Education Bureau	Development of Online Application Function for Parents' Talks and Enhancement of e-Bulletin for Parents						✓
101	Education Bureau	Revamp of Online Application System for School-based Support Services						√
102	Education Bureau	Data Exchange Management System						
103	Efficiency Office	Replacement of IT Infrastructure and System in 1823						√
104	Efficiency Office	Upgrade of Mission Critical Systems in 1823						✓
105	Efficiency Office	Expansion of 1823 Chatbot and Extension to Tell me@1823 Mobile App		√			✓	√
	Electrical & Mechanical Services Department	Revamp of Electricity Information Corner Website adopting Mobile-Friendly Design						
107	Electrical & Mechanical Services Department	Revamp of Energy Saving Promotion Website adopting Mobile-Friendly Design						
108	Electrical & Mechanical Services Department	Enhancement of Builders' Lifts Management System, Amusement Rides Management System, Government Forms and Related e-Form Platform for Adoption of "iAM Smart"						√

	Bureau /	Project Title	Туре	of Technol	ogy to be Ad	opted (No	ote 1)	Privacy
	Department		(i) Blockchain	(ii) Artificial Intelligence	(iii) Facial Recognition Technology	(iv) Big Data Analytics	(v) Robotics Technology	Impact Assessment to be Conducted (Note 2)
109	Electrical & Mechanical Services Department	Enhancement of Lifts and Escalators Ordinance System, e- Platform, Government Forms and Related e-Form Platform for Adoption of "iAM Smart"						√
110	Electrical & Mechanical Services Department	Enhancement of Electricity Ordinance and Regulation System, Integrated Gas Safety Enforcement System, Government Forms and Related e-Form Platform for Adoption of "iAM Smart"						√
	Electrical & Mechanical Services Department	Enhancement of Data Management Systems for Buildings Energy Efficiency Ordinance and Mandatory Energy Efficiency Labelling Scheme, Government Forms and Related e-Form Platform for Adoption of "iAM Smart"						✓
112	Electrical & Mechanical Services Department	Enhancement of Electricity Ordinance and Regulation System for Inspection of Fixed Electrical Installations using Mobile Devices						
113	Environmental Protection Department	Upgrade of Departmental Portal						
114	Environmental Protection Department	Computer and Geographic Information System for Marine Environmental Control Centre				√		
115	Environmental Protection Department	Development of Enforcement Information System for Municipal Solid Waste Charging Scheme		√		✓		√
116	Environmental Protection Department	Smart Environmental Assessment System		✓		<		
117	Financial Services and the Treasury Bureau	Enhancement of Websites of Secretary for Financial Service and the Treasury, Treasury Branch and Board of Review adopting Mobile-Friendly Design						
	Financial Services and the Treasury Bureau	Upgrade of Departmental Portal						
	Fire Services Department	Upgrade of Departmental Portal						
120	Fire Services Department	Setting up of Departmental Knowledge Management Platform in handling of Major Incidents				√		√

	Bureau /	Project Title	Туре	of Technol	ogy to be Ad	lopted (No	ote 1)	Privacy
	Department		(i) Blockchain	(ii) Artificial Intelligence	(iii) Facial Recognition Technology	(iv) Big Data Analytics	(v) Robotics Technology	Impact Assessment to be Conducted (Note 2)
121	Fire Services Department	Building Improvement Database and File Management System for Prescribed Commercial Premises, Specified Commercial Buildings and Target Composite Buildings				√		√
122	Fire Services Department	Upgrade of Departmental Real- time Video Transmission System						
123	Fire Services Department	Upgrade of IT Infrastructure and Provision of Resilience Capability for Office Automation System						
	Food and Environmental Hygiene Department	Development of Departmental Data Analytics Platform						
125	Food and Environmental Hygiene Department	Development of Works Order Management System						
126	Food and Environmental Hygiene Department	Revamp of Food Surveillance System						
127	Food and Environmental Hygiene Department	Upgrade of Departmental Portal						
128	Food and Environmental Hygiene Department	Development of Licensing Enforcement Functions in Licensing Management Information System						✓
129	Government Flying Service	Upgrade of Departmental Portal						
130	Government Flying Service	Upgrade of Patch Management System and Software Asset Management System						
131	Government Flying Service	Implementation of Standby Environment for Government Flying Service Integrated Application System at Secondary Site in Kai Tak Division						
132	Government Flying Service	Replacement of Network Equipment						
	Government Laboratory	Parentage Testing System						
	Government Laboratory	Upgrade of Functional Laboratory Information Management System						
135	Government Laboratory	Toxicology System						
136	Government Laboratory	Upgrade of e-Leave System						

	Bureau /	Project Title	Туре	Type of Technology to be Adopted (Note 1)				
	Department		(i) Blockchain	(ii) Artificial Intelligence	(iii) Facial Recognition Technology	(iv) Big Data Analytics		Impact Assessment to be Conducted (Note 2)
137	Government Laboratory	IT Security Risk Assessment and Audit						
138	Government Logistics Department	Strengthening of IT Security and IT Security Risk Assessment and Audit						
139	Government Logistics Department	e-Business Study and Information Systems Strategy Study						
140	Government Property Agency	Revamp of Departmental Website						
141	Government Property Agency	Upgrade of e-Leave System						
142	Home Affairs Bureau	Upgrade of Operating System and Office Automation Facilities						
143	Home Affairs Bureau	Upgrade of e-Leave System and Development of e-Bulletin Board/Document Repository						
144	Home Affairs Bureau	Development of Sports Programme Information System for Lessees of Private Recreational Leases						
145	Home Affairs Department	Upgrade of e-Leave System						
146	Home Affairs Department	Upgrade of Departmental Portal						
147	Home Affairs Department	Revamp of Departmental Websites with Mobile-Friendly Design						
148	Home Affairs Department	Enhancement of Government Forms for Adoption of "iAM Smart" and e-Submission						√
149	Home Affairs Department	Implementation of Government Human Resources Management Services						
150	Hong Kong Observatory	Upgrade of e-Leave System						
151	Hong Kong Observatory	Upgrade of Departmental Portal						
152	Hong Kong Observatory	Replacement of Video Conferencing System						
153	Hong Kong Observatory	Upgrade of Infrastructure of Computer Equipment Rooms						
154	Hong Kong Observatory	Upgrade and Consolidation of Central Data Storage System						
155	Hong Kong Observatory	Enhancement of Resilience Capability of Mission Critical Systems						

	Bureau /	Project Title	Туре	of Technol	ogy to be Ad	lopted (No	ote 1)	Privacy
	Department		(i) Blockchain		(iii) Facial Recognition Technology	(iv) Big Data Analytics	(v) Robotics Technology	Impact Assessment to be Conducted (Note 2)
156	Hong Kong Observatory	Emergency Communication Computer System for Monitoring and Assessment Centre						
157	Hong Kong Observatory	Enhancement of Lightning Location Information Services						
158	Hong Kong Police Force	Information and Communications Technology Systems Strategy Review						
	Hong Kong Police Force	Electronic Stop Payment System for Anti-Deception Coordination Centre						√
160	Hong Kong Police Force	Integrated Platform for Information Release to the Media						
161	Housing Department	Migration of Mandatory Inspection Management System to Housing Authority Cloud Platform						
162	Housing Department	Revamp of Minor Works Management System						✓
163	Immigration Department	Upgrade of e-Leave System						
164	Immigration Department	Provision of IT Facilities for Intermodal Transfer Terminal of Hong Kong International Airport						
165	Independent Commission Against Corruption	Strengthening of IT Security for Operations Department Information System						
166	Information Services Department	Revamp of Incidents Record System						√
167	Information Services Department	Development of Knowledge Management System						
168	Inland Revenue Department	Replacement of Cut-sheet Printer in Disaster Recovery Centre						
169	Inland Revenue Department	IT Security Risk Assessment and Audit						
170	Innovation and Technology Commission	Upgrade of Departmental Portal						
171	Innovation and Technology Commission	IT Infrastructure for Application and Assessment of Designated Local Research Institutions						√
172	Intellectual Property Department	Upgrade of e-Leave System						
173	Intellectual Property Department	Revamp of Departmental Websites						√
174	Intellectual Property Department	Madrid Protocol IT System						√

	Bureau /	Project Title	Туре	of Technol	ogy to be Ad	lopted (No	ote 1)	Privacy
	Department		(i) Blockchain	(ii) Artificial Intelligence	(iii) Facial Recognition Technology	(iv) Big Data Analytics	(v) Robotics Technology	Impact Assessment to be Conducted (Note 2)
175	Intellectual Property Department	Replacement of Network and IT Infrastructure Equipment						
176	Invest Hong Kong	Upgrade of Departmental Portal						
177	Invest Hong Kong	Upgrade of e-Leave System and Development of Non-Civil Service Contract Staff Leave Recording and Calculation System						
	Judiciary	Enhancement of Network Resilience Support for Audio and Video Systems of High Court						
179	Judiciary	Digitisation of Sound Processors of Audio System in Courts						
180	Judiciary	Replacement of Obsolete Audio- Visual Presentation System in Courts						
181	Labour Department	Combined Feasibility Study cum Business Process Re-engineering Study for Revamp of Employees' Compensation Computer System						
182	Labour Department	Replacement of Departmental IT Infrastructure to Support Labour Relations Division and Youth Employment Start Centres						
183	Labour Department	Upgrade of IT Security Infrastructure and Strengthening Cyber Threat Protection						
184	Labour Department	Implementation of Government Human Resources Management Services						
	Lands Department	Implementation of Chatbot Service on "GeoInfo Map" Website		✓			√	
	Lands Department	Upgrade of Departmental Portal						
187	Lands Department	Strengthening of IT Security Infrastructure and IT Security Risk Assessment and Audit						
188	Lands Department	Implementation of Wi-Fi System and Paperless Meeting Facilities						
189	Lands Department	Implementation of Unified Communications Facilities						
190	Lands Department	Redevelopment of Departmental Website						
191	Lands Department	Provision of IT Facilities for New Operating Offices and Migration of IT Systems to Departmental Data Centre						

	Bureau /	Project Title	Type of Technology to be Adopted (Note 1)					Privacy Impact
	Department		(i) Blockchain	(ii) Artificial Intelligence	(iii) Facial Recognition Technology	(iv) Big Data Analytics	(v) Robotics Technology	Assessment to be Conducted (Note 2)
192	Lands Department	Setting up of Web-based GIS System for Centralised Complaint Handling		✓			>	✓
193	Lands Department	Smart Positioning Infrastructure Management System						
194	Lands Department	Web-based Application Platform for Temporary Occupation of Government Land						✓
195	Lands Department	Upgrade of Backbone Network and Virtual Private Network						
196	Lands Department	Development of Mobile Solution for Facilitating Monitoring and Patrolling Squatter Structures						
197	Lands Department	Strengthening IT Security on Mobile Device						
198	Lands Department	Upgrade of Operating System and Database of Point-of-Sale Management and Support System and Map Information Management and Support System						√
199	Legal Aid Department	Upgrade of Departmental Portal						
200	Legal Aid Department	Upgrade of Scanning Software and Server						
201	Legal Aid Department	Enhancement of Legal Aid Electronic Services Portal for Adoption of "iAM Smart"						✓
202	Leisure and Cultural Services Department	e-Submission using "iAM Smart" for Places of Amusement Licence Forms						✓
203	Leisure and Cultural Services Department	Enhancement of Music Office Integrated System and Adoption of "iAM Smart"						✓
204	Leisure and Cultural Services Department	Implementation of Performing Arts Web Portal						√
205	Leisure and Cultural Services Department	Upgrade of e-Leave System and Internal Leave Systems						✓
206	Leisure and Cultural Services Department	Enhancement of e-Magazine System and Adoption of "iAM Smart"						√
207	Leisure and Cultural Services Department	Establishment of Repository of Site/Venue Plans						
208	Leisure and Cultural Services Department	IT Security Risk Assessment and Audit						
209	Leisure and Cultural Services Department	Implementation of Core Network Infrastructure in the New Government Data Centre Complex						

	Bureau /	Project Title	Type of Technology to be Adopted (Note 1)					Privacy Impact
	Department		(i) Blockchain	(ii) Artificial Intelligence	(iii) Facial Recognition Technology	(iv) Big Data Analytics	(v) Robotics Technology	Assessment to be Conducted (Note 2)
210	Leisure and Cultural Services Department	Revamp of Departmental Websites with Mobile-Friendly Design						
211	Marine Department	Upgrade of e-Leave System						
	Marine Department	Upgrade of Departmental Portal						
213	Marine Department	Development of Berthing Information System						
214	Marine Department	Enhancement of Mobile Application "eSeaGo" (Version 2.0)						
215	Office of the Government Chief Information Officer	Enhancement of External Procurement Portal of e- Procurement Service for Adoption of "iAM Smart"						√
216	Office of the Government Chief Information Officer	Upgrade of Departmental Portal						
217	Office of the Government Chief Information Officer	Upgrade of Quality Professional Services Information System						
218	Office of the Government Chief Information Officer	Upgrade of Obsolete Equipment of Mobile Confidential Mail Service						
219	Office of the Government Chief Information Officer	Development of Smart Workspace and Upgrade of e- Helpdesk System						
220	Office of the Government Chief Information Officer	Migration of Electronic Information Management Systems to Next Generation Government Cloud Infrastructure Services						
221	Office of the Government Chief Information Officer	Upgrade of Common Shared Questions and Answers System for Examination of Government's Annual Estimates and e-File Generation Web-based Sub- system						
222	Office of the Government Chief Information Officer	Enhancement of System Capacity for Internet Access Service						
223	Office of the Government Chief Information Officer	Establishment of Service Infrastructure in the New Government Data Centre Complex for Web Content Hosting Service, Domain Name Hosting service and Government Directory Service						
224	Office of the Government Chief Information Officer	Enhancement of System Capacity for Internet Bandwidth Service						

	Bureau /	Project Title	Type of Technology to be Adopted (Note 1)					Privacy
	Department		(i) Blockchain	(ii) Artificial Intelligence	(iii) Facial Recognition Technology	(iv) Big Data Analytics		Impact Assessment to be Conducted (Note 2)
225	Official Receiver's Office	Upgrade of e-Leave System						
226	Planning Department	Upgrade of e-Leave System						
227	Planning Department	Feasibility Study on Implementation of Electronic Submission and Processing System for Town Planning Board						
228	Planning Department	Strengthening of IT Security and IT Security Risk Assessment and Audit						
	Planning Department	Revamp of Statutory Planning Portal 2						
230	Planning Department	Revamp of Town Planning Board Website						√
231	Radio Television Hong Kong	IT Security Risk Assessment and Audit						
232	Radio Television Hong Kong	Upgrade of Departmental Portal						
233	Radio Television Hong Kong	Upgrade of e-Leave System						
234	Rating and Valuation Department	Upgrade of Backend System of Electronic Billing for Rates and Government Rent						
235	Rating and Valuation Department	Enhancement of Integrated Property Database to Support More Valuation Modules						
236	Rating and Valuation Department	Upgrade of Workflow Management System						
237	Registration and Electoral Office	Revamp of Departmental Website adopting Mobile- Friendly Design						
238	Registration and Electoral Office	Enhancement of e-Services Systems for Adoption of "iAM Smart"						√
239	Registration and Electoral Office	IT Security Risk Assessment and Audit						
240	Security Bureau	Enhancement of Licence Database of Security and Guarding Services Industry Authority Secretariat and Development of Web Forms for Security Company Licence Applications with Adoption of "iAM Smart"						√
241	Security Bureau	Upgrade of Obsolete Software and Service Resilience of IT Systems						

	Bureau /	Project Title	Type of Technology to be Adopted (Note 1)				ote 1)	Privacy Impact
	Department		(i) Blockchain		(iii) Facial Recognition Technology	(iv) Big Data Analytics	(v) Robotics Technology	Assessment to be Conducted (Note 2)
242	Security Bureau	IT Security Risk Assessment and Audit						
243	Social Welfare Department	Upgrade of Server Infrastructure for Computerised Social Security System II						
244	Social Welfare Department	Enhancement of IT systems for Care Service Vouchers for Elderly (including Community Care Service Voucher and Residential Care Service Voucher for Elderly)						√
245	Social Welfare Department	Upgrade of e-Leave System						
246	Social Welfare Department	Development of System for Service Delivery for Elderly Persons with Mild Impairment						√
247	The Treasury	Technology Refresh for Network Devices						
248	The Treasury	Technology Refresh for Databases for e-Estimate Preparation System and Government Miscellaneous Receipt System						
249	The Treasury	Technology Refresh for Data Analytics Tool for Payroll System, Pension Management System and Other Benefits Related Systems						
250	The Treasury	Enhancement of Government- wide Application and Infrastructure Service Development Platform for Mission Critical Systems including Payroll System, Pension Management System and Medical and Dental Benefits Eligibility Checking System						
251	The Treasury	Implementation of e-Portal for Civil Servants						✓
252	The Treasury	Technology Refresh for Virtualised Infrastructure for Mission Critical Systems including General Demand Note System and Other Systems						
253	The Treasury	Enhancement of System Resilience of Office Automation Facilities						
254	The Treasury	Provision of IT and Network Facilities in Treasury Building						

	Bureau /	Project Title	Type of Technology to be Adopted (Note 1)					Privacy
	Department		(i) Blockchain	(ii) Artificial Intelligence	(iii) Facial Recognition Technology	(iv) Big Data Analytics		Impact Assessment to be Conducted (Note 2)
255	The Treasury	Implementation of IT Infrastructure in the New Government Data Centre Complex						
256	Transport Department	Enhancement of Vehicles and Drivers Licensing Integrated Data V System to support Faster Payment System						
257	Transport Department	Establishment of Disaster Recovery Site/Secondary Server Room at Tsing Yi Vehicle Examination Centre						
258	Transport Department	Enhancement of e-Services Systems for Vehicle Licensing, Driving Test and Permit Application for Adoption of "iAM Smart"						√
259	Transport Department	Upgrade of e-Leave System						
260	Transport Department	Information Systems Strategy Study						
261	Water Supplies Department	Upgrade of e-Leave System						
262	Water Supplies Department	Pilot Use of Voicebot/Chatbot to Handle Change of Consumership Application in Telephone Hotline and Departmental Website		>			>	√
263	Working Family and Student Financial Assistance Agency	Upgrade of e-Leave System						
264	Working Family and Student Financial Assistance Agency	Enhancement of e-Submission Service for Working Family Allowance and Individual-based Work Incentive Transport Subsidy Applications						
265	Working Family and Student Financial Assistance Agency	IT Security Risk Assessment and Audit (Student Finance Office)						
266	Working Family and Student Financial Assistance Agency	Migration of Technical Infrastructure of IT Systems to Next Generation Government Cloud Infrastructure Services						
267	Working Family and Student Financial Assistance Agency	Replacement of Hardware and Software of e-Submission System						