

2020 Resource Allocation Exercise – Block Vote Project Proposals

<u>Project name</u>	<u>Project estimate (\$M)</u>	<u>Planned start date (2021-22)</u>	<u>Planned end date</u>
<u>Agriculture, Fisheries and Conservation Department</u>			
1 Upgrade of Farm Hygiene System	6.4	Q1	Q4/2022-23
2 Replacement of Core Network System for Enhancement of Infrastructure Security and Performance	7.6	Q1	Q4/2022-23
3 Enhancement of Aquaculture Fisheries Data Management System	7.7	Q2	Q1/2023-24
4 Upgrade of Software and Hardware for Agricultural Land Use Data Management System	5.9	Q3	Q4/2022-23
5 Departmental Information Technology Plan Study	3.7	Q4	Q1/2023-24
6 Development of Web-based Biodiversity Geographic Information System	7.2	Q4	Q3/2023-24
<u>Architectural Services Department</u>			
7 Development of Building Information Modelling-Centric Asset Management Platform for Facilities Upkeep	9.2	Q1	Q3/2022-23
8 Upgrade of Office Automation Facilities	4.2	Q1	Q4/2022-23
9 Revamp of Consultants' Management and Performance Information System	9.5	Q1	Q4/2022-23
10 Development of Electronic Plan Submission and Processing System	9.0	Q1	Q1/2023-24
11 Enhancement of IT Systems of Repair Call Centre to Support Mobile Repair Request	9.0	Q2	Q1/2023-24
12 Development of Government Buildings Refurbishment (Category D) Processing System	8.9	Q2	Q2/2023-24
13 Development of Digital Platform for Building Surveying and Inspection	9.5	Q2	Q2/2023-24

<u>Project name</u>	<u>Project estimate (\$M)</u>	<u>Planned start date (2021-22)</u>	<u>Planned end date</u>
14 Enhancement of Automated Communication, Technical Information and Operations Network System for Adoption of Open Web Standards, e-Workflow and Internet Access	9.8	Q3	Q3/2023-24
<u>Auxiliary Medical Service</u>			
15 Implementation of File Audit and Privileged Account Management System and Centralised Log Management System	3.3	Q1	Q1/2022-23
<u>Buildings Department</u>			
16 Setup of Departmental Internet Gateway Infrastructure	7.9	Q1	Q1/2022-23
17 Implementation of Government Human Resources Management Services and Revamp of Seminar-on-Demand System	9.5	Q2	Q2/2022-23
18 Development of Authorized Person Certification System	9.8	Q2	Q1/2023-24
<u>Census and Statistics Department</u>			
19 IT Security Risk Assessment and Audit	0.8	Q1	Q3/2021-22
20 Upgrade of Departmental Portal	3.1	Q1	Q1/2022-23
21 Technology Refresh for Register of Quarters System and Sampling System	6.6	Q2	Q2/2023-24
22 Enhancement of Online Questionnaire System	9.3	Q2	Q3/2023-24
23 Relocation of Common Computing Infrastructure to New Government Data Centre Complex	7.4	Q3	Q4/2022-23
24 Redevelopment of IT Systems for Adoption of Modular Data Processing and Analysis Approach in Economic Surveys	9.8	Q4	Q3/2023-24
<u>Chief Executive's Office</u>			
25 IT Security Risk Assessment and Audit	0.3	Q1	Q3/2021-22

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<u>Chief Secretary for Administration's Office</u>				
26	Implementation of Virtual Private Network and Upgrade of Application Virtual Infrastructure	4.4	Q1	Q4/2021-22
<u>Civil Aid Service</u>				
27	Upgrade of Departmental Portal and Network Monitoring System Software	1.9	Q2	Q2/2022-23
<u>Civil Engineering and Development Department</u>				
28	Adoption of Cloud Platform for Geotechnical Information Infrastructure and Slope Information System	8.2	Q3	Q3/2024-25
<u>Civil Service Bureau</u>				
29	Upgrade of Medical and Dental Benefits Eligibility Checking System	2.5	Q1	Q4/2021-22
30	Technical Study and Design on Training Administration and e-Learning Systems	4.2	Q1	Q1/2022-23
31	Revamp of Departmental Homepage and Thematic Websites	5.0	Q1	Q2/2022-23
32	Development of Clerical and Secretarial Grades Recruitment Workflow System	9.8	Q1	Q4/2022-23
33	Development of e-Appraisal System for Administrative Officer Grade	9.8	Q2	Q3/2023-24
<u>Commerce and Economic Development Bureau</u>				
34	Upgrade of Core Network Switch Facilities (Commerce, Industry and Tourism Branch and Overseas Hong Kong Economic and Trade Offices)	5.6	Q1	Q2/2022-23
35	Enhancement of Office Automation Facilities (Commerce, Industry and Tourism Branch and Overseas Hong Kong Economic and Trade Offices)	3.3	Q2	Q2/2022-23

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<u>Correctional Services Department</u>			
36 Upgrade of IT Infrastructure for Handling Video Visit and Hand-in Articles in Mongkok Counselling Centre and Multi-purpose Family and Rehabilitation Service Centres	6.6	Q1	Q4/2022-23
37 Pilot Scheme on e-Message Platform for Use by Persons in Custody (Category A Complex of Stanley Prison)	5.1	Q2	Q2/2022-23
38 Extension of Remote Official Visit System to Six Reception Centres	5.3	Q3	Q3/2022-23
<u>Customs and Excise Department</u>			
39 Development of Robotic Process Automation System to Improve Process of Motor Vehicles Valuation	1.0	Q1	Q3/2022-23
40 Upgrade of Office Automation Software	6.7	Q1	Q4/2022-23
41 Upgrade of Document Management System and Backup Infrastructure	9.8	Q1	Q4/2022-23
42 Upgrade of Hardware and Software for Trader Information Management System	8.2	Q2	Q4/2022-23
43 Review of Corporate Data Model	6.5	Q2	Q3/2023-24
44 Revamp of Integrated Personnel Information System	9.8	Q2	Q3/2023-24
45 Development of Uniform and Arms Cage Equipment Deployment System	9.8	Q2	Q4/2023-24
46 IT Security Risk Assessment and Audit	1.3	Q3	Q1/2023-24
47 Upgrade of Hardware and Software for Dutiable Commodities System	9.8	Q4	Q3/2023-24
<u>Department of Health</u>			
48 Provision of Website for Newborn Screening Programme and Genetic Counselling Service of Clinical Genetic Service	2.0	Q1	Q2/2022-23
49 Technology Refresh for Web Hosting Service of Health Promotion Branch	4.7	Q1	Q3/2022-23
50 Technology Refresh for Consolidated IT Platform Located at Yung Fung Shee Memorial Centre	9.8	Q1	Q4/2022-23

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51	Enhancement of School Dental Care Service Management and Information System and Queue Management System for Scheduled Patients	8.1	Q1	Q1/2023-24
52	Enhancement of Outreach Dental Care Programme for the Elderly Management and Monitoring System	7.6	Q1	Q2/2023-24
53	Upgrade of IT Facilities for Accessibility Programme	9.8	Q2	Q4/2022-23
<u>Department of Justice</u>				
54	Enhancement of IT Infrastructure	7.7	Q1	Q1/2022-23
55	Redevelopment of Work Management System for Mutual Legal Assistance Unit	8.7	Q1	Q1/2023-24
56	IT Security Risk Assessment and Audit	0.8	Q3	Q3/2022-23
57	Relocation and Upgrade of System Equipment of Hong Kong e-Legislation	3.8	Q3	Q3/2024-25
<u>Development Bureau</u>				
58	IT Security Risk Assessment and Audit (Works Branch)	0.6	Q1	Q4/2021-22
59	Development of Pilot Integrated Digital Platform for Capital Works Programme (Works Branch)	9.6	Q1	Q1/2022-23
60	Upgrade of Operating System for Servers and IT Security Risk Assessment and Audit (Planning and Lands Branch)	4.4	Q2	Q3/2022-23
<u>Drainage Services Department</u>				
61	Revamp of Intranet Portal	9.8	Q1	Q1/2023-24
62	Upgrade of Software for Electronic Information Management System	4.5	Q3	Q3/2022-23
63	Revamp of Drainage Maintenance Management Information System	9.8	Q3	Q3/2023-24
<u>Education Bureau</u>				
64	Enhancement of Training Calendar System and Training Administration System with Mobile Friendly Design	5.6	Q1	Q2/2022-23

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65 Enhancement of Network Infrastructure Security in Central Government Offices and Remote Offices	9.0	Q1	Q4/2022-23
66 Relocation of Education Information System to New Data Centre	1.2	Q2	Q4/2022-23
67 Implementation of Online Submission for Teacher Registration Applications	2.0	Q2	Q4/2022-23
68 Revamp of Quality Education Fund Electronic Project Management System	3.7	Q2	Q4/2022-23
69 Revamp of Understanding Adolescent Project (Primary) Portal	5.2	Q2	Q4/2022-23
70 Upgrade of Server Operating Systems	9.5	Q2	Q2/2023-24
71 Setup of Disaster Recovery Facilities for Entitlement Checking System and Kindergarten Education Scheme System	4.8	Q3	Q4/2022-23
72 Development of e-Appointment System for Government Schools on Appointment of Temporary Teachers	4.8	Q3	Q4/2022-23
<u>Efficiency Office</u>			
73 Upgrade of 1823 Virtualisation Platform	7.0	Q1	Q3/2021-22
74 Revamp of Streamlining of Government Services Portal and Establishing Multi-site Platform	4.5	Q1	Q3/2022-23
<u>Electrical and Mechanical Services Department</u>			
75 Revamp of Submission Approval System for Safety and Security Coordinating Committee and Trackside Safety and Security Coordinating Committee	9.8	Q1	Q4/2022-23
<u>Environmental Protection Department</u>			
76 Development of e-Payroll System for Non-Civil Service Contract Staff	4.0	Q1	Q3/2022-23
77 Development of Intelligent Environmental Enforcement System	9.7	Q1	Q4/2023-24

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<u>Financial Services and the Treasury Bureau</u>			
78 Upgrade of Network Equipment and Implementation of Centrally Managed Messaging Platform (The Treasury Branch)	3.3	Q1	Q2/2022-23
<u>Fire Services Department</u>			
79 Enhancement of System Infrastructure within Internet Demilitarised Zone	5.0	Q1	Q2/2022-23
80 Enhancement of Communications Facilities for Inter-departmental Data Exchange	9.0	Q1	Q3/2022-23
81 Implementation of Centralised Data Warehouse and Data Portal for User Query and Data Mining	9.8	Q2	Q2/2022-23
82 Feasibility Study on Implementation of Electronic Submission Hub for Adoption of Building Information Modelling	4.4	Q2	Q3/2022-23
83 Enhancement of Administrative Management Functions	5.9	Q2	Q1/2023-24
84 Development of Centralised Backup Management System	8.2	Q2	Q2/2023-24
85 Establishment of Geographic Operation Plan Management System	9.8	Q2	Q2/2023-24
<u>Food and Environmental Hygiene Department</u>			
86 Corporate Data Study	8.8	Q1	Q4/2021-22
87 Relocation of Departmental Hosting Platform at Kowloon Bay Data Centre	9.8	Q1	Q1/2022-23
88 Development of Processing System for Small Volume Exemption from Nutrition Labelling	7.7	Q1	Q3/2022-23
89 Upgrade of Office Automation Facilities	8.9	Q2	Q1/2022-23
90 Development of Prosecution Management System	9.8	Q3	Q2/2022-23
<u>Food and Health Bureau</u>			
91 Upgrade of Departmental Portal	0.9	Q2	Q4/2021-22

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92 Replacement of Security Appliances in Electronic Health Record Sharing System and eHealth System (Subsidies)	9.8	Q2	Q1/2023-24
<u>Government Laboratory</u>			
93 Implementation of Government Human Resources Management Services	2.7	Q1	Q4/2021-22
94 Replacement of Office Automation Facilities	2.6	Q2	Q1/2022-23
95 Establishment of Drugs Testing Information Management System	6.6	Q2	Q2/2024-25
<u>Government Property Agency</u>			
96 Replacement of Hardware and Software for Government Property Information System	8.8	Q1	Q4/2022-23
97 Migration of Applications on Email System	5.6	Q2	Q3/2022-23
98 Development of Schedule of Accommodation Processing System	9.0	Q4	Q3/2024-25
<u>Highways Department</u>			
99 IT Security Risk Assessment and Audit	0.4	Q1	Q2/2022-23
100 Upgrade of Road Data Maintenance System	9.7	Q1	Q1/2023-24
<u>Home Affairs Bureau</u>			
101 Upgrade of Network Facilities in Remote Offices	6.2	Q1	Q2/2023-24
<u>Home Affairs Department</u>			
102 Replacement of District Council Website Infrastructure	2.7	Q1	Q4/2021-22
<u>Hong Kong Observatory</u>			
103 Upgrade of Mission-Critical Wide Area Network and Supporting Office Networks	9.7	Q1	Q3/2022-23
104 Replacement of Video Wall Presentation System for Central Forecasting Office	5.8	Q2	Q3/2022-23

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<u>Hong Kong Police Force</u>			
105 Development of Staff Integrity Checking System	8.1	Q1	Q4/2022-23
106 Replacement of Electronic Logging Application	9.7	Q1	Q1/2023-24
107 Development of e-Informer Management System	7.5	Q1	Q2/2023-24
108 Digitalization of Recruitment Process	7.0	Q2	Q4/2022-23
109 Development of Data Storage System for Digital Field Intelligence Records (Criminal Intelligence Bureau and Narcotics Bureau)	7.3	Q2	Q1/2023-24
<u>Housing Department</u>			
110 Enhancement of Housing Electronic Plan Submission System for Submissions under the Buildings Ordinance	9.2	Q1	Q2/2022-23
<u>Immigration Department</u>			
111 Acquisition of Computer Systems for Hong Kong International Airport Lounge	1.6	Q1	Q3/2021-22
112 Replacement of Document Optical Readers for Clearance Workstations of Immigration Control System	8.8	Q1	Q4/2021-22
113 Replacement of Passenger e-Channels and Vehicular e-Channels at Immigration Service Institute of Training and Development	5.1	Q1	Q1/2022-23
114 Upgrade of Operating System for Immigration Control System Frontend Equipment	9.8	Q1	Q3/2022-23
115 Technology Refresh for Enterprise File Sharing Infrastructure	9.7	Q1	Q1/2023-24
116 IT Security Risk Assessment and Audit	2.0	Q1	Q2/2023-24
<u>Independent Commission Against Corruption</u>			
117 Implementation of International Liaison and Training Information Management System	4.3	Q1	Q2/2022-23
118 Redevelopment of Cost Effectiveness and Value for Money Study System	5.9	Q1	Q3/2022-23

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119 Redevelopment of Corruption Prevention Department Assignment and Enquiry Management Information System	9.6	Q1	Q4/2022-23
<u>Information Services Department</u>			
120 Development of Visitors Programme Management System	2.1	Q2	Q4/2021-22
121 Implementation of Requests Management System for Poster Posting and Newspaper Advertisement	6.2	Q3	Q2/2022-23
<u>Invest Hong Kong</u>			
122 Departmental Information Technology Plan Study	3.8	Q1	Q4/2021-22
<u>Joint Secretariat for the Advisory Bodies on Civil Service and Judicial Salaries and Conditions of Service</u>			
123 Revamp of Pay Trend Survey System	2.5	Q2	Q2/2023-24
<u>Judiciary</u>			
124 Provision of IT Infrastructure and System for Two Courtrooms of Eastern Law Courts Building	7.1	Q1	Q4/2022-23
125 Provision of IT infrastructure for building and courtrooms of Shatin Magistrates' Courts	9.6	Q1	Q4/2022-23
126 Provision of IT Infrastructure and System for New Courtrooms of High Court Building	9.8	Q2	Q2/2023-24
<u>Labour and Welfare Bureau</u>			
127 Technology Refresh for Central Registry for Rehabilitation Information Management System	0.9	Q2	Q1/2022-23
<u>Labour Department</u>			
128 Upgrade of IT Facilities for Accessibility Programme	5.8	Q1	Q1/2022-23
129 Development of Electronic Medical Record System for Occupational Health Clinics	5.5	Q1	Q4/2022-23

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130 Business Process Re-engineering cum Feasibility Study on Enhancement of Labour Inspection Management Information System	5.1	Q4	Q1/2023-24
131 Technology Refresh for Youth Employment Resource Centre System	4.8	Q4	Q3/2023-24
<u>Lands Department</u>			
132 Development of Application Programming Interface for Mobile Mapping System Data	9.2	Q1	Q1/2022-23
133 Redevelopment and Integration of Internal Websites	6.6	Q1	Q2/2022-23
134 Establishment of Home Office Solutions	9.8	Q1	Q2/2022-23
135 Establishment of Geospatial Information Dashboard Module for Land Information System	8.0	Q1	Q4/2022-23
136 Establishment of Building Information Modelling and Geographic Spatial Data Integrated Platform	9.4	Q1	Q4/2022-23
137 Redevelopment of Tenancy Information System	9.4	Q1	Q1/2023-24
138 Establishment of Data Model for IT Systems	9.8	Q1	Q1/2023-24
139 Development of Centralized Computer Equipment Management System	6.1	Q2	Q4/2022-23
140 Establishment of Cloud-based Production Mapping Platform for Government Projects	9.8	Q2	Q2/2023-24
141 Revamp of Government Rent and Premium System	9.8	Q2	Q3/2023-24
142 Provision of Building Information Modelling Application Programming Interface	9.8	Q3	Q2/2023-24
<u>Legal Aid Department</u>			
143 IT Security Risk Assessment and Audit	0.7	Q1	Q1/2022-23
<u>Leisure and Cultural Services Department</u>			
144 Enhancement of Remote Access Services	9.0	Q1	Q2/2022-23
145 Upgrade of Departmental Portal	6.3	Q2	Q3/2022-23
146 Technology Refresh for Storage and Backup System	6.0	Q2	Q1/2023-24
<u>Marine Department</u>			
147 Upgrade of Dangerous Goods Information System	4.5	Q1	Q3/2022-23

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148	Enhancement of Licensing and Survey of Local Vessels System	7.7	Q1	Q3/2022-23
149	Implementation of Marine Geospatial Database and Enhancement of Application	5.7	Q1	Q1/2023-24
150	Enhancement of Flag State Quality Control Management Information System and Ships and Seafarers Registration System	9.1	Q1	Q1/2023-24
151	Revamp of Departmental Website	4.7	Q2	Q4/2022-23
152	Upgrade of Virtualised Infrastructure	9.4	Q2	Q2/2023-24
	<u>Office of the Government Chief Information Officer</u>			
153	Professional Support for Testing and Commissioning of Backbone Fibre Cabling Systems	3.3	Q1	Q4/2021-22
154	Implementation of Shared Blockchain Platform	6.4	Q1	Q1/2022-23
155	Redevelopment of Registration and Access Control System for Central Computer Centre	9.7	Q1	Q2/2022-23
156	Upgrade of Software and Migration of In-house Applications	4.9	Q1	Q3/2022-23
157	IT Security Risk Assessment and Audit for Critical and Departmental Services	4.5	Q1	Q4/2022-23
158	Upgrade of Central Cyber Government Office Portal to Support Restricted Data and Replacement of Hardware and Software	8.9	Q1	Q4/2022-23
159	Upgrade of Software and Equipment of Mobile Confidential Mail Service	3.6	Q1	Q1/2023-24
160	Implementation of Network Infrastructure for Command Centres and Operational Supporting Facilities of New Government Data Centre Complex	9.1	Q2	Q2/2022-23
161	Relocation of Infrastructure Service and Upgrade of Hardware and Software	9.8	Q2	Q1/2023-24
162	Revamp of Cyber Risk Information Sharing Platform	9.5	Q2	Q3/2023-24
163	Pilot CyberSec Shield Programme for Government Internet-facing Systems and Public-facing Mobile Applications	6.0	Q2	Q4/2023-24

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164	Compliance Audit on Accessibility of Government Websites and Mobile Apps for Bureaux and Departments	5.9	Q3	Q4/2023-24
165	Information Security Compliance Monitoring and Audit for All Bureaux and Departments	9.8	Q3	Q4/2023-24
	<u>Official Receiver's Office</u>			
166	Enhancement of Management Information System	8.1	Q1	Q2/2022-23
	<u>Planning Department</u>			
167	Revamp of Core Planning Data Hub	9.8	Q2	Q2/2023-24
168	Revamp of Town Planning Information System	9.6	Q3	Q3/2023-24
	<u>Radio Television Hong Kong</u>			
169	Upgrade of Departmental Intranet Portal	2.8	Q1	Q1/2022-23
	<u>Rating and Valuation Department</u>			
170	Enhancement of Market Information System to Support Compilation of Property Market Statistics	9.8	Q2	Q3/2023-24
171	Enhancement of Electronic Submission Service	2.5	Q3	Q2/2022-23
172	IT Security Risk Assessment and Audit	1.0	Q3	Q3/2022-23
	<u>Registration and Electoral Office</u>			
173	Upgrade of Government Office Automation Infrastructure and Leave System and Implementation of Email Archiving Solution	3.8	Q1	Q4/2022-23
174	Relocation of IT Systems from Wan Chai Data Centre to New Government Data Centre Complex and Upgrade of IT Systems	3.6	Q3	Q3/2022-23
	<u>Social Welfare Department</u>			
175	IT Security Risk Assessment and Audit	1.3	Q1	Q4/2021-22
176	Enhancement of Backup and Restore System for IT Infrastructure	7.8	Q2	Q2/2022-23

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177 Feasibility Study cum Business Process Re-engineering Study on Redevelopment of Case Management cum Tracking Facility	3.9	Q2	Q3/2022-23
178 Upgrade of Office Automation Software	9.8	Q3	Q1/2023-24
<u>The Treasury</u>			
179 Upgrade of Security Vulnerability Management System	2.2	Q1	Q1/2022-23
180 Study and Design of Disaster Recovery Strategy for Data Centre	3.3	Q1	Q1/2022-23
181 Implementation of Structured Cabling System for New Data Centre	9.8	Q1	Q3/2022-23
182 Enhancement of Central Application and Infrastructure Services Production Platform	9.8	Q1	Q1/2023-24
183 Technology Refresh for Government Financial Management Information System Reporting Database	7.0	Q1	Q3/2023-24
184 Relocation of Data Centre and IT Facilities	5.0	Q4	Q2/2023-24
<u>Trade and Industry Department</u>			
185 Implementation of One-Stop Small and Medium Enterprises Web Portal	3.6	Q1	Q1/2022-23
<u>Transport and Housing Bureau</u>			
186 Revamp of Intranet Website (Transport Branch)	0.9	Q1	Q4/2021-22
187 IT Security Risk Assessment and Audit (Transport Branch)	0.4	Q2	Q1/2022-23
188 Upgrade of Office Automation Software (Transport Branch)	1.3	Q3	Q4/2021-22
<u>Transport Department</u>			
189 Enhancement of E-Application Service for Lantau Closed Road Permit	5.1	Q1	Q1/2022-23
190 Development of Checking and Reporting System for Differential Fare under Public Transport Fare Concession Scheme for Elderly and Eligible Persons with Disabilities	6.7	Q1	Q1/2022-23

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191 Extension and Enhancement of Online Vehicle and Driver Licensing Services	9.8	Q1	Q1/2022-23
192 Technical Study on Redevelopment of Vehicles and Drivers Licensing Integrated Data System	5.6	Q1	Q2/2022-23
193 Implementation of New Generation Driving Licence	9.8	Q1	Q3/2022-23
194 IT Security Risk Assessment and Audit	1.0	Q2	Q1/2022-23
195 Development of Mobile App for System Messenger	1.1	Q2	Q1/2022-23
196 Upgrade of Office Automation Network	1.2	Q2	Q1/2022-23
197 Migration of Applications on Email System to Open Platform	1.5	Q3	Q3/2022-23
<u>University Grants Committee Secretariat</u>			
198 Upgrade of Departmental Portal	1.0	Q1	Q2/2021-22
<u>Water Supplies Department</u>			
199 Replacement of Network Switches	6.0	Q1	Q1/2022-23
200 Upgrade of Office Automation Facilities	9.8	Q1	Q2/2024-25
201 IT Security Risk Assessment and Audit	0.8	Q2	Q2/2022-23
202 Enhancement of IT Security Infrastructure of Customer Care and Billing System	3.1	Q2	Q3/2022-23
203 Enhancement of File Sharing System and Upgrade of Office Automation Servers	6.9	Q3	Q2/2023-24
<u>Working Family and Student Financial Assistance Agency</u>			
204 Replacement of Aged Hardware of Storage Area Network	3.2	Q1	Q4/2021-22
205 Implementation of Government Human Resources Management Services	3.8	Q1	Q1/2022-23
206 Upgrade of Office Automation Server Systems and Client Workstations	9.6	Q3	Q2/2022-23