

## Head 159 — GOVERNMENT SECRETARIAT: DEVELOPMENT BUREAU (WORKS BRANCH)

**Controlling officer:** the Permanent Secretary for Development (Works) will account for expenditure under this Head.

**Estimate 2022–23** ..... **\$2,141.1m**

**Establishment ceiling 2022–23** (notional annual mid-point salary value) representing an estimated 432 non-directorate posts as at 31 March 2022 reducing by five posts to 427 posts as at 31 March 2023 ..... **\$327.3m**

In addition, there will be an estimated 30 directorate posts as at 31 March 2022 and as at 31 March 2023.

**Commitment balance**..... **\$2,954.4m**

### Controlling Officer's Report

#### Programmes

<b>Programme (1) Water Supply</b>	This programme contributes to Policy Area 24: Water Supply, Drainage and Slope Safety (Secretary for Development).
<b>Programme (2) Heritage Conservation</b>	These programmes contribute to Policy Area 22: Buildings, Lands, Planning, Heritage Conservation, Greening and Landscape (Secretary for Development).
<b>Programme (3) Greening, Landscape and Tree Management</b>	
<b>Programme (4) Energizing Kowloon East</b>	
<b>Programme (5) Project Strategy and Governance</b>	
<b>Programme (6) Intra-Governmental Services</b>	This programme contributes to Policy Area 22: Buildings, Lands, Planning, Heritage Conservation, Greening and Landscape (Secretary for Development) and Policy Area 27: Intra-Governmental Services (Secretary for Development).

#### Detail

##### Programme (1): Water Supply

	2020–21 (Actual)	2021–22 (Original)	2021–22 (Revised)	<b>2022–23 (Estimate)</b>
Financial provision (\$m)	35.1	23.3	27.5 (+18.0%)	<b>18.9</b> (–31.3%)
				(or –18.9% on 2021–22 Original)

#### Aim

**2** The aim is to ensure the provision of a reliable, adequate and quality supply of water and to maintain an efficient water supply service.

#### Brief Description

**3** The Works Branch's main responsibility under this programme is to formulate water supply policies and co-ordinate their implementation. In 2021, the Branch:

- oversaw the provision of round-the-clock water supply to the territory throughout the year;
- oversaw the performance of Water Supplies Department (WSD) on drinking water safety including the control of quality of water supplied to customers in accordance with the Hong Kong Drinking Water Standards;
- monitored the implementation of total water management strategy;
- oversaw the implementation of major water supply projects, including the design and construction of the first stage of desalination plant at Tseung Kwan O, development of Water Intelligent Network and preparatory work on the supply of recycled water;
- oversaw the operation of the Dongjiang water supply agreement;

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- continued the legislative amendments to the Waterworks Ordinance (Cap. 102) (WWO) and the Waterworks Regulations (Cap. 102A) (WWR) relating to regulation of plumbing works, control of plumbing materials, safeguarding drinking water safety at consumers' taps, mandatory water efficiency labelling scheme and supply of recycled water, as well as the review of other parts of WWO and WWR;
- continued to take forward the Action Plan for Enhancing Drinking Water Safety in Hong Kong together with WSD;
- continued to support the Drinking Water Safety Advisory Committee which provides advice to Development Bureau on various drinking water safety issues; and
- oversaw the implementation of Water Safety Plan Subsidy Scheme.

### *Matters Requiring Special Attention in 2022–23*

4 During 2022–23, the Branch will continue to:

- oversee a reliable and safe supply of potable water;
- oversee the performance of WSD on drinking water safety;
- oversee the maintenance and improvement of the water supply infrastructure;
- monitor the implementation of the total water management strategy;
- oversee the drafting for legislative amendments to WWO and WWR;
- oversee the implementation of initiatives under the Action Plan for Enhancing Drinking Water Safety in Hong Kong; and
- oversee the implementation of Water Safety Plan Subsidy Scheme.

### **Programme (2): Heritage Conservation**

	2020–21 (Actual)	2021–22 (Original)	2021–22 (Revised)	2022–23 (Estimate)
Financial provision (\$m)	276.0	261.0	264.3 (+1.3%)	294.3 (+11.4%)
				(or +12.8% on 2021–22 Original)

### *Aim*

5 The aim is to protect, conserve and revitalise as appropriate historical and heritage buildings and sites through relevant and sustainable approaches for the benefit and enjoyment of the present and future generations.

### *Brief Description*

6 The Works Branch's main responsibility under this programme is to support the Secretary for Development in discharging his statutory role as the Antiquities Authority and to formulate and implement heritage conservation measures with public participation. In 2021, the Branch:

- continued to provide funding support under the Built Heritage Conservation Fund for implementing the Revitalising Historic Buildings Through Partnership Scheme, the Financial Assistance for Maintenance Scheme on Built Heritage, and the funding schemes for thematic research and public engagement projects, and to provide secretariat support to the Advisory Committee on Built Heritage Conservation which offers advice to the Government on the operation of the Fund;
- continued to take forward the projects under Batches I to V of the Revitalising Historic Buildings Through Partnership Scheme, which involves revitalisation of government-owned historic buildings by non-profit-making organisations;
- continued to assess applications under Batch VI of the Revitalising Historic Buildings Through Partnership Scheme;
- continued to implement the Financial Assistance for Maintenance Scheme on Built Heritage to provide financial assistance on the maintenance of privately-owned graded historic buildings as well as government-owned declared monuments and graded historic buildings leased to non-profit-making organisations;
- continued to oversee the implementation of the Heritage Impact Assessment mechanism for capital works projects to ensure that their impact on heritage sites would be avoided or minimised and mitigation measures would be devised if impact was unavoidable;

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- offered assistance and explored economic incentives as appropriate to facilitate conservation of privately-owned graded historic buildings;
  - continued to take forward the remaining parts of the Central Police Station Compound revitalisation project in partnership with the Hong Kong Jockey Club;
  - together with the Commerce and Economic Development Bureau (CEDB), continued to work closely with the selected non-profit-making organisation to promote the former Police Married Quarters on Hollywood Road as a creative industries landmark;
  - completed the declaration of three historic buildings as monuments under the Antiquities and Monuments Ordinance (Cap. 53) (A&MO);
  - continued with the grading exercise for 1 444 historic buildings and other buildings suggested for grading by the public by seeking the Antiquities Advisory Board's confirmation of the proposed grading taking account of the advice of the Historic Buildings Assessment Panel as well as the views received from the private owners concerned and the public;
  - commenced an archaeological display "Treasures from Sacred Hill" at the MTR Sung Wong Toi Station to showcase the finds unearthed at the excavation to facilitate the construction of the station; and
  - organised promotional activities for the public to enhance their interest in and knowledge of heritage conservation.
- 7 The key performance measures in respect of heritage conservation are:

### *Indicators*

	2020 (Actual)	2021 (Actual)	2022 (Estimate)
cumulative total no. of projects included under the Revitalising Historic Buildings Through Partnership Scheme.....	22	22	22
cumulative total no. of buildings/structures/sites declared as monuments.....	126	129	132
restoration, repair and maintenance projects for historic buildings/structures/sites completed.....	35	35	35
attendance at public education, publicity and promotional activities/programmes.....	5 626	804 187§	750 000

§ Due to COVID-19 pandemic, a number of promotional activities originally planned for 2020 were deferred to 2021. The significant increase in attendance in 2021 was mainly due to the large number of visitors to the new archaeological display "Treasures from Sacred Hill" at the MTR Sung Wong Toi Station commenced in June 2021, which attracted over 250 000 attendance during the first three months of its launch.

### *Matters Requiring Special Attention in 2022–23*

- 8 During 2022–23, the Branch will:
- continue to oversee the operation of the Built Heritage Conservation Fund;
  - continue to take forward the projects under Batches I to V of the Revitalising Historic Buildings Through Partnership Scheme;
  - complete the assessment of applications and announce the selection results for Batch VI of the Revitalising Historic Buildings Through Partnership Scheme;
  - continue to implement the Financial Assistance for Maintenance Scheme on Built Heritage to provide financial assistance on the maintenance of privately-owned graded historic buildings as well as government-owned declared monuments and graded historic buildings leased to non-profit-making organisations;
  - continue to oversee the implementation of the Heritage Impact Assessment mechanism to protect sites and buildings of historical or archaeological significance;
  - continue to liaise with private owners of graded historic buildings to offer assistance and explore economic incentives as appropriate to facilitate their preservation;
  - continue to take forward the remaining parts of the Central Police Station Compound revitalisation project in partnership with the Hong Kong Jockey Club;
  - together with CEDB, continue to work closely with the selected non-profit-making organisation to promote the revitalised former Police Married Quarters on Hollywood Road as a creative industries landmark;

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- continue to identify suitable historic buildings or archaeological sites for consideration to be declared as monuments under the A&MO;
- continue to oversee the grading exercise for 1 444 historic buildings and other buildings suggested for grading by the public; and
- continue to organise promotional activities to enhance public interest in and knowledge of heritage conservation.

### Programme (3): Greening, Landscape and Tree Management

	2020–21 (Actual)	2021–22 (Original)	2021–22 (Revised)	2022–23 (Estimate)
Financial provision (\$m)	74.6	105.4	86.0 (–18.4%)	104.4 (+21.4%)
				(or –0.9% on 2021–22 Original)

### *Aim*

9 The aim is to oversee and co-ordinate government efforts on landscape and tree management through an integrated approach.

### *Brief Description*

10 Landscape and trees are integral parts of our outdoor environment. They contribute to our quality of life by providing passive amenity, moderating temperature, improving air quality and enhancing the visual appeal and biodiversity of our densely built-up city. The Greening, Landscape and Tree Management (GLTM) Section was established under the Works Branch in March 2010 to take up the overall policy responsibility for formulating and co-ordinating landscape and tree management strategies and initiatives in Hong Kong.

11 The GLTM Section is underpinned by the Greening and Landscape Office (GLO) and the Tree Management Office (TMO). The two offices work in close co-operation to promote a holistic approach, advocating adequate space allocation for new planting, proper selection of planting species, quality landscape design and planting practices in the upstream and proper vegetation maintenance in the downstream, with protection of public safety as a priority consideration. The GLO is responsible for central co-ordination of the Government's greening and landscape planning and design efforts, while the TMO for advocating the adoption of a professional approach to tree management among tree management departments and in the community at large. In 2021, the Branch:

- continued to promote the principles of “Right Tree, Right Place” and vegetation diversity with a view to developing a healthier and more resilient urban forest upstream and minimising tree risks downstream;
- continued to implement a holistic urban forestry management regime and develop proper urban arboricultural practices to foster an enjoyable and safe outdoor environment;
- continued to raise public awareness on proper landscape practices and urban forestry through a series of promotional and educational activities for the public and the industry;
- continued to conduct tree audits and site patrols by the dedicated Tree Risk Inspection Squad in 18 districts;
- prepared for hosting the second International Urban Forestry Conference;
- enhanced the user-friendliness of the greening website;
- continued to process applications under the Registration Scheme for Tree Management Personnel;
- continued to administer the Urban Forestry Support Fund supporting the Study Sponsorship Scheme, Trainee Programme, biennial International Urban Forestry Conference, and public education and promotion activities on the “People • Trees • Harmony” campaign;
- commenced to install QR-coded tree labels on about 200 000 trees along footways;
- commenced a three-year study to collect and analyse tree movement data from 8 000 tilt sensors to test their effectiveness in identifying trees at risk of collapse; and
- undertook the studies to formulate the requirements of professional assessments and trade tests for tree management personnel.

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12 The key performance measures in respect of greening, landscape and tree management are:

### *Indicators*

	2020 (Actual)	2021 (Actual)	2022 (Estimate)
planting by the Government			
trees (thousands) .....	262.0	332.8	310.6
shrubs (thousands).....	7 395.4	4 816.6	5 041.3
herbaceous plants (thousands) .....	937.6	748.3	662.7
total (thousands).....	8 595.0	5 897.7	6 014.6
expenditure on greening works by the Government (\$m) .....	443.3	271.9	341.5
no. of participants in training organised by the GLTM Section.....	2 989	5 174	5 200
no. of participants in public education and community involvement activities organised by the GLTM Section .....	2 642	36 483 <sup>λ</sup>	37 500 <sup>λ</sup>

<sup>λ</sup> With the support of the Urban Forestry Support Fund established in mid-2020, more roving exhibitions and public education activities were held in 2021. Similar activities will continue to be arranged in 2022.

### *Matters Requiring Special Attention in 2022–23*

13 During 2022–23, the Branch will:

- continue to oversee the operation of the Urban Forestry Support Fund;
- process applications received under the Registration Scheme for Tree Management Personnel, Study Sponsorship Scheme and Trainee Programme;
- continue the studies to improve the growing conditions for urban tree plantings;
- complete the installation of QR-coded tree labels on about 200 000 trees along footways;
- continue the three-year study on tree movement and to explore the use of technology in tree management;
- enhance the greening website to promote public appreciation of landscape design features in local green spaces;
- continue the studies to formulate the requirements of professional assessments and trade tests for tree management personnel; and
- continue to organise public education and promotion activities on the “People • Trees • Harmony” campaign.

### **Programme (4): Energizing Kowloon East**

	2020–21 (Actual)	2021–22 (Original)	2021–22 (Revised)	2022–23 (Estimate)
Financial provision (\$m)	45.3	46.9	42.4 (–9.6%)	40.2 (–5.2%)
				(or –14.3% on 2021–22 Original)

### *Aim*

14 The aim is to advocate the overall planning and design directions, facilitate public and private developments, implement necessary public works projects, and take such initiatives that are conducive to expediting the transformation of Kowloon East (comprising the Kai Tak Development and the Kwun Tong and Kowloon Bay Business Areas) into an additional core business district (CBD) to support Hong Kong’s economic development.

### *Brief Description*

15 The 2011–12 Policy Address announced the transformation of Kowloon East into an attractive CBD in order to meet the demand for quality office space outside the traditional CBD. Specifically, this will involve land use reviews, urban design, co-ordinating the Government’s efforts and resources in improving connectivity and the associated infrastructure as well as the environment, facilitating proposals from the public and private sectors that help the transformation of Kowloon East, enhancing vibrancy of the district under a place-making approach, building a strong and positive brand for Kowloon East.

16 In June 2012, the multi-disciplinary Energizing Kowloon East Office was inaugurated to steer and monitor the transformation of Kowloon East into the second CBD of Hong Kong. The Energizing Kowloon East Initiative was extended to the San Po Kong Business Area in October 2017.

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**17** In 2021, the Branch:

- continued to implement the Conceptual Master Plan (CMP) and liaise with the community to address the needs of the public and stakeholders;
- continued to enhance walkability and connectivity in Kowloon East and the San Po Kong Business Area by implementing pedestrian and traffic environment improvement works recommended under the feasibility studies on Kowloon Bay, Kwun Tong and San Po Kong Business Areas;
- continued to carry out the technical study to review the future land use of the site on Lai Yip Street;
- continued to take forward the recommendations of the planning and design review study for the former airport runway tip and the two planning and engineering studies on Kwun Tong and Kowloon Bay Action Areas;
- carried out a review on the overall planning and long-term development of the Choi Hung Road Playground and Sports Centre site;
- oversaw the operation of the facilities underneath Kwun Tong Bypass for arts, culture and creative uses;
- incorporated the industrial culture elements of Kowloon East into urban design with a view to creating distinctive public spaces including open space and streetscape enhancement projects;
- completed face-lifting of Hoi Bun Road Park and reprovisioning of ball courts to Hong Ning Road Park, and continued to co-ordinate the Government's efforts and resources for improvement of the environment, including face-lifting of Lam Wah Street Playground together with its adjacent areas, transforming King Yip Street nullah into Tsui Ping River, provision of district open space cum underground public vehicle park at Sze Mei Street as well as reprovisioning of refuse collection point at Wang Chin Street;
- continued to carry out proof-of-concept trials, and facilitated different sectors in using Kowloon East as a test bed to examine the feasibility of innovative ideas in real-life situations;
- maintained active dialogues with the community to enhance vibrancy through facilitation of place-making events and activities;
- continued to provide one-stop advisory and co-ordination services for public and private developments to facilitate the transformation in Kowloon East and the San Po Kong Business Area;
- engaged major stakeholders and the public to promote Kowloon East to local and overseas developers and users as an additional CBD; and
- explored opportunities to support the arts, culture and creative industries with a view to turning Kowloon East into a distinctive CBD.

### ***Matters Requiring Special Attention in 2022–23***

**18** During 2022–23, the Branch will:

- implement the latest CMP through public engagement to forge ahead the policy initiatives of Energizing Kowloon East in transforming the district into a smart, green and resilient CBD;
- continue to take forward the recommendation of the planning and design review study for the former airport runway tip and the two planning and engineering studies on Kwun Tong and Kowloon Bay Action Areas;
- continue to enhance walkability and connectivity in Kowloon East and the San Po Kong Business Area through implementing short, medium and long-term measures recommended under the feasibility studies on Kowloon Bay, Kwun Tong and San Po Kong Business Areas;
- conduct a comprehensive pedestrian environment improvement review on the betterment of walkability and connectivity in Kowloon East and San Po Kong Business Area;
- continue to incorporate the industrial culture elements of Kowloon East and San Po Kong Business Area into urban design and public arts with a view to creating distinctive public spaces including open space and streetscape enhancement projects;
- carry out a study to review the industrial culture in Kowloon East and San Po Kong Business Area;
- continue to co-ordinate the Government's efforts and resources for improvement of the environment, including face-lifting of Lam Wah Street Playground together with its adjacent areas, transforming King Yip Street nullah into Tsui Ping River, provision of district open space cum underground public vehicle park at Sze Mei Street, and reprovisioning of refuse collection point at Wang Chin Street;
- take forward the review recommendations of the overall planning and long-term development of the Choi Hung Road Playground and Sports Centre site;
- continue to carry out smart city and resilient city proof-of-concept trials and share the experience and knowledge gained to facilitate wider application, and facilitate different sectors in using Kowloon East as a test bed to examine the feasibility of innovative ideas in real-life situations;

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- continue to provide one-stop advisory and co-ordination services for public and private developments to facilitate the transformation of Kowloon East and San Po Kong Business Area;
- continue to oversee the operation of the facilities underneath Kwun Tong Bypass for arts, culture and creative uses;
- continue to maintain active dialogues with the community to enhance vibrancy through facilitation of place-making events and activities; and
- continue to build a strong and positive brand for Kowloon East and to engage major stakeholders and the public in promoting Kowloon East to local and overseas developers and users as Hong Kong's second CBD.

### Programme (5): Project Strategy and Governance

	2020–21 (Actual)	2021–22 (Original)	2021–22 (Revised)	2022–23 (Estimate)
Financial provision (\$m)#	55.8	68.1	67.1 (–1.5%)	86.8 (+29.4%)
				(or +27.5% on 2021–22 Original)

# Activities related to this Programme were previously included under Programme (6) Intra-Governmental Services but now separately shown under a new programme in 2022–23. For comparison purpose, the figures above indicate the 2020–21 and 2021–22 provisions for Project Strategy and Governance previously under Programme (6).

### Aim

19 The aim is to adopt co-ordinated approaches, create synergies and steer concerted efforts in taking forward the initiatives for strengthening cost management and uplifting the performance of capital work projects along the following directions – (a) strengthening the existing gateway process for cost management; (b) enhancing project delivery capability; (c) leading strategic developments to enhance cost-effectiveness; and (d) enhancing collaboration with international counterparts and local industry stakeholders.

### Brief Description

20 The Government has been investing in capital works projects to enhance people's living environment and to sustain Hong Kong's long-term competitiveness. To uplift the delivery capability and enhance overall cost-effectiveness in capital works projects, the 2018 Policy Address announced to upgrade the Project Cost Management Office (PCMO) and expand its establishment and functions.

21 In April 2019, PCMO was upgraded and renamed as Project Strategy and Governance Office (PSGO), a multi-disciplinary office, for implementing strategies and reinforcing capabilities in cost surveillance and project governance. PSGO adopts a holistic approach to strengthen cost management and improve the performance of capital works projects.

22 In 2021, the Branch continued to:

- achieve better cost management and control throughout the delivery of capital works projects by formulating, implementing and promoting cost control measures and cost saving initiatives;
- monitor the delivery of capital works projects to ensure timely completion and within budget;
- promote and cultivate cost-consciousness and cost management in the construction industry;
- uplift project performance and delivery capability of capital works projects through the Centre of Excellence for Major Project Leaders (CoE);
- provide cross-bureau and high level technical support in respect of project delivery, including project cost estimation, budget control and procurement issues of capital works projects;
- lead the construction industry to uplift the capacity and sustainability of the industry, thereby improving productivity, enhancing quality, improving site safety and reducing environmental impact;
- monitor the adoption and implementation of digitisation of works supervision system, implement the integrated capital works platform in phases to monitor project performance continuously and to enhance the management of capital works projects;
- steer and support the wider use of Modular Integrated Construction;
- steer and support applied research and development (R&D) in capital works projects;

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- foster closer collaboration with local stakeholders and international counterparts to enhance project governance capability; and
- take lead in promoting sustainable built environment in Hong Kong.

### *Matters Requiring Special Attention in 2022–23*

**23** During 2022–23, the Branch will:

- continue to achieve better cost management and control throughout the delivery of capital works projects by formulating, implementing and promoting cost control measures and cost saving initiatives;
- continue to monitor the delivery of capital works projects to ensure timely completion and within budget;
- continue to promote and cultivate cost-consciousness and cost management in the construction industry;
- continue to uplift project performance and delivery capability of capital works projects through the CoE;
- deliver the Project Delivery Capability Programme under the CoE to enhance the professional skills of mid-tier managers and uplift the project delivery capability;
- continue to provide cross-bureau and high level technical support in respect of project delivery, including project cost estimation, budget control and procurement issues of capital works projects;
- continue to lead the construction industry to uplift the capability and sustainability of the industry, thereby improving productivity, enhancing quality, improving site safety and reducing environmental impact;
- continue to monitor the adoption and implementation of digitisation of works supervision system, implement the integrated capital works platform in phases to monitor project performance continuously and to enhance the management of capital works projects;
- continue to steer and support the wider use of Modular Integrated Construction;
- co-ordinate efforts of works departments for further promoting applied R&D in public works projects;
- continue to foster closer collaboration with local stakeholders and international counterparts to enhance project governance capability; and
- continue to take lead in promoting sustainable built environment in Hong Kong.

### **Programme (6): Intra-Governmental Services**

	2020–21 (Actual)	2021–22 (Original)	2021–22 (Revised)	2022–23 (Estimate)
Financial provision (\$m)#	326.2	357.8	330.9 (–7.5%)	1,596.5 (+382.5%)
				(or +346.2% on 2021–22 Original)

# Activities related to Programme (5) Project Strategy and Governance were previously included under this Programme but now separately shown under a new programme in 2022–23. For comparison purpose, the figures under this Programme have been adjusted to exclude the provision for Project Strategy and Governance.

### *Aim*

**24** The aim is to plan, manage and implement public sector infrastructure development and works programmes in a safe, timely and cost-effective manner whilst maintaining high quality standards, and to promote the safety of lifts and escalators.

### *Brief Description*

**25** The Branch's main responsibilities under this programme are to formulate works policies; to monitor implementation of public sector infrastructure development and works programmes; to roll out industry reform initiatives; to provide legal services for these matters; and to formulate policies on safety of lifts and escalators. In 2021, the Branch:

- oversaw the implementation of infrastructure projects of Kai Tak Development;
- steered the detailed feasibility study for the Environmentally Friendly Linkage System (EFLS) which devised a multi-modal EFLS for Kowloon East;
- steered the design of the elevated landscaped pedestrian deck near the MTR Kwun Tong Station and a 13-kilometre long GreenWay network in the Kai Tak Development for shared use by pedestrians and cyclists;



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- oversaw the implementation of the improvement works at Mui Wo and Tai O;
- oversaw the implementation of improvement and expansion of mountain bike trail networks in South Lantau and the cycle track network in the New Territories;
- steered the preparation of the planning and engineering study on Sunny Bay reclamation, and the planning and engineering study for Lung Kwu Tan reclamation and the re-planning of Tuen Mun West area;
- steered the studies related to the artificial islands in the Central Waters and a new major transport corridor to link up the coastal areas of Tuen Mun, North Lantau, the artificial islands in the Central Waters and Hong Kong Island;
- steered the study for Road P1 (Tai Ho – Sunny Bay Section);
- oversaw the construction of the stage 1 works and stage 2 works, and investigation and detailed design of the remaining works of the relocation of Sha Tin Sewage Treatment Works to caverns;
- oversaw the investigation and detailed design of the relocation of Public Works Central Laboratory, and Diamond Hill Fresh Water and Salt Water Service Reservoirs to caverns;
- steered the implementation of initiatives to facilitate cavern development;
- oversaw the feasibility studies on the relocation of Tsuen Wan No. 2 Fresh Water Service Reservoir and Yau Tong Group Fresh Water and Salt Water Service Reservoirs to caverns;
- steered the pilot planning and engineering study on development of selected Strategic Cavern Areas;
- steered the implementation of the Pier Improvement Programme;
- oversaw the provision of infrastructure support to various increasing land supply initiatives and proposals;
- steered the pilot study on underground space development in selected Strategic Urban Areas;
- worked closely with the Construction Industry Council (CIC) to develop and implement various improvement initiatives, including upskilling local construction manpower, attracting new entrants, promoting innovation and technology, monitoring the construction manpower situation and facilitating workers registration;
- supported the CIC to continue using its three existing campuses and various training grounds to train construction practitioners to meet the needs of the industry;
- provided financial support for the CIC to collaborate with the industry to strengthen workers training, including providing incentives to encourage young people to join the industry; and in-service workers to become semi-skilled and skilled workers;
- steered and monitored the implementation of and conducted a mid-term review in consultation with industry stakeholders with corresponding enhancements introduced to the Construction Innovation and Technology Fund (CITF) and promoted the CITF to industry stakeholders to encourage wider adoption of innovative technologies including provision of related training to practitioners;
- completed the implementation of support measures for the construction sector under the Anti-epidemic Fund, benefitting about 500 000 workers and 21 000 enterprises and another 1 700 employers of casual workers;
- implemented COVID-19 testing schemes and promoted vaccination for construction workers and other resident site personnel;
- worked closely with the CIC to steer the consultancy on improving the environmental performance of the Hong Kong construction industry;
- continued to promote collaborative partnership in the implementation of public works projects, including the adoption of the New Engineering Contract (NEC) form, to enhance management efficiency and cost-effectiveness;
- continued to promote the construction and related professional services and liaised with the relevant Mainland authorities to pursue further market access in the Mainland, with focus on extending the existing scope of the professional services, striving for further liberalisation measures, direct provision of services in Pilot Free Trade Zones and the Guangdong-Hong Kong-Macao Greater Bay Area (the Greater Bay Area) and more opportunities to participate in the national foreign aid projects;
- oversaw the implementation of the Landslip Prevention and Mitigation Programme to deal with landslide risks associated with man-made slopes and natural terrains;
- introduced improvement measures and organised promotional activities to enhance safety and environmental performance at public works construction sites;
- monitored the implementation of the Lifts and Escalators Ordinance (Cap. 618) (LEO) to enhance regulatory control of lift and escalator safety;

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- oversaw the implementation of the Lift Modernisation Subsidy Scheme (LIMSS) to enhance the safety of aged lifts through provision of financial incentive to building owners in need;
- continued to liaise with industry stakeholders on the details of preparing a new legislation to enhance payment practice in the construction industry and implemented the security of payment provisions in public works contracts;
- monitored drainage upgrading and rehabilitation works to reduce flooding risk;
- steered the implementation of the concept of “Rivers in the City” through river revitalisation projects and introduction of water bodies rejuvenation facilities;
- continued to review the public works procurement system and oversee the implementation of the enhancement measures;
- worked closely with the CIC for building the capability of subcontractors;
- provided secretariat and support services to the Lantau Development Advisory Committee (LanDAC) which advised the Government on measures and specific proposals conducive to the sustainable development and conservation of Lantau;
- oversaw the implementation of the conservation and development initiatives and projects set out in the Sustainable Lantau Blueprint and the Lantau Tomorrow Vision;
- steered the operation of the Lantau Conservation Fund (LCF) to promote conservation together with the community and pursue local improvement works for Lantau;
- monitored the implementation of the works policies in enhancing the selection, appointment and management of engineering and associated consultants under the purview of the Engineering and Associated Consultants Selection Board;
- monitored the implementation of the works policy to promote design buildability for public works projects aiming at enhancing cost management and construction productivity;
- steered and monitored the implementation of the works policy to adopt Building Information Modelling (BIM) technology for major government capital works projects and promoted the use of this technology in private construction projects;
- steered and monitored the adoption of prefabricated rebar products in the construction industry; and
- steered the construction of a temporary hospital adjacent to the AsiaWorld-Expo to cope with the COVID-19 pandemic.

### ***Matters Requiring Special Attention in 2022-23***

**26** During 2022–23, the Branch will:

- continue to oversee the implementation of infrastructure projects of Kai Tak Development;
- continue to oversee the implementation of the improvement works at Mui Wo and Tai O;
- continue to oversee the implementation of improvement and expansion of mountain bike trail networks in South Lantau and the cycle track network in the New Territories;
- continue to steer the preparation of planning and engineering study on Sunny Bay reclamation;
- work with the Innovation and Technology Bureau to commence the related study for Ma Liu Shui reclamation project for innovation and technology development;
- continue to steer the studies related to the artificial islands in the Central Waters and the associated strategic transport corridor;
- continue to steer the study for Road P1 (Tai Ho – Sunny Bay Section);
- continue to oversee the construction of the stage 1 works and stage 2 works, and investigation and detailed design of the remaining works of the relocation of Sha Tin Sewage Treatment Works to caverns;
- continue to oversee the implementation of the relocation of Diamond Hill Fresh Water and Salt Water Service Reservoirs to caverns;
- steer the feasibility study on relocation of Tuen Mun Water Treatment Works to caverns;
- continue to steer the investigation and design of the relocation of Tsuen Wan No. 2 Fresh Water Service Reservoir, Yau Tong Group Fresh Water and Salt Water Service Reservoirs, and Public Works Central Laboratory to caverns;
- continue to steer the pilot planning and engineering study on development of selected Strategic Cavern Areas;
- continue to steer the implementation of the initiatives to facilitate cavern development;

## **Head 159 — GOVERNMENT SECRETARIAT: DEVELOPMENT BUREAU (WORKS BRANCH)**

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- continue to oversee the implementation of the Pier Improvement Programme;
- continue to steer the pilot study on underground space development in selected Strategic Urban Areas and oversee the work associated with the way forward of the pilot study;
- oversee the implementation of the elevated landscaped pedestrian deck near the MTR Kwun Tong Station, steer the investigation and design of the travellers network that links up the former runway of Kai Tak, the Kowloon Bay Action Area and the Kwun Tong Action Area, and continue to steer the design and implementation of the 13-kilometre long GreenWay network in the Kai Tak Development for shared use by pedestrians and cyclists;
- continue to oversee the provision of infrastructure support to various initiatives and proposals to increase land supply;
- continue to work closely with the CIC to drive various improvement initiatives that aim to raise the standards of the construction industry;
- continue to support the CIC to manage, plan and develop various training activities and facilities at its campuses and training grounds to meet the manpower needs of the industry;
- continue to support CIC to monitor the situation of construction manpower and the training demands with the necessary study tools and input from the industry stakeholders;
- continue to provide support for the CIC to provide the necessary training to serving construction personnel and attract and train new entrants to join the construction industry;
- continue to oversee the administering of the CITF and the implementation of any necessary enhancement measures by the CIC with a view to promoting the wider adoption of technologies in the industry including provision of technology related training to practitioners in the construction industry;
- continue to promote collaborative partnership in the implementation of public works projects, including the adoption of the NEC form;
- continue to promote the construction and related professional services and to liaise with the relevant Mainland authorities to pursue further market access in the Mainland, with focus on extending the existing scope of the professional services and striving for further liberalisation measures, direct provision of services in the Pilot Free Trade Zones and the Greater Bay Area and providing more opportunities to participate in the national foreign aid projects;
- continue to monitor and introduce measures, including the adoption of smart safety devices, as well as organise promotional activities to enhance safety performance at public works construction sites;
- continue to monitor and introduce measures as well as organise promotional activities to enhance environmental performance at public works construction sites;
- continue to monitor the implementation of the LEO;
- continue to oversee the implementation of the LIMSS;
- continue to oversee the implementation of the Landslip Prevention and Mitigation Programme;
- continue to monitor drainage upgrading and rehabilitation works to reduce flooding risk;
- continue to steer the implementation of the concept of “Rivers in the City” through river revitalisation projects and introduction of water bodies rejuvenation facilities;
- continue to liaise with industry stakeholders on the details of preparing a new legislation to enhance payment practice in the construction industry and steer and monitor the implementation of security of payment provisions in public works contracts;
- continue to monitor the implementation of the enhancement measures for the public works procurement system and method;
- continue to support the CIC for building the capability of subcontractors;
- continue to provide secretariat and support services to the LanDAC;
- continue to oversee the implementation of the conservation and development initiatives and projects set out in the Sustainable Lantau Blueprint and the Lantau Tomorrow Vision;
- continue to steer the operation of the LCF to promote conservation together with the community and pursue local improvement works for Lantau;
- continue to implement the works policies in enhancing the selection, appointment and management of engineering and associated consultants under the purview of the Engineering and Associated Consultants Selection Board;

**Head 159 — GOVERNMENT SECRETARIAT: DEVELOPMENT BUREAU  
(WORKS BRANCH)**

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- continue to implement the works policy to promote design buildability for public works projects aiming at enhancing cost management and construction productivity;
- continue to oversee and monitor the adoption of BIM technology in major government capital works projects and promote the use of this technology in private construction projects; and
- continue to oversee and monitor the adoption of prefabricated rebar products in the construction industry.

## Head 159 — GOVERNMENT SECRETARIAT: DEVELOPMENT BUREAU (WORKS BRANCH)

### ANALYSIS OF FINANCIAL PROVISION

	2020–21 (Actual) (\$m)	2021–22 (Original) (\$m)	2021–22 (Revised) (\$m)	2022–23 (Estimate) (\$m)
<b>Programme</b>				
(1) Water Supply .....	35.1	23.3	27.5	18.9
(2) Heritage Conservation .....	276.0	261.0	264.3	294.3
(3) Greening, Landscape and Tree Management .....	74.6	105.4	86.0	104.4
(4) Energizing Kowloon East .....	45.3	46.9	42.4	40.2
(5) Project Strategy and Governance# .....	55.8	68.1	67.1	86.8
(6) Intra-Governmental Services .....	326.2	357.8	330.9	1,596.5
	813.0	862.5	818.2 (–5.1%)	2,141.1 (+161.7%)
				(or +148.2% on 2021–22 Original)

# Activities related to Programme (5) were previously included under Programme (6) Intra-Governmental Services but now separately shown under a new programme in 2022–23. For comparison purpose, the figures in Programme (5) above indicate the 2020–21 and 2021–22 provisions for Project Strategy and Governance previously under Programme (6).

#### Analysis of Financial and Staffing Provision

##### Programme (1)

Provision for 2022–23 is \$8.6 million (31.3%) lower than the revised estimate for 2021–22. This is mainly due to the decreased provision for operating expenses and the decreased cash flow requirement for a non-recurrent item.

##### Programme (2)

Provision for 2022–23 is \$30.0 million (11.4%) higher than the revised estimate for 2021–22. This is mainly due to the increased cash flow requirement for a non-recurrent item, and the increased provision for plant, equipment and works items and filling of vacancies.

##### Programme (3)

Provision for 2022–23 is \$18.4 million (21.4%) higher than the revised estimate for 2021–22. This is mainly due to the increased cash flow requirement for a non-recurrent item.

##### Programme (4)

Provision for 2022–23 is \$2.2 million (5.2%) lower than the revised estimate for 2021–22. This is mainly due to the decreased provision for a net decrease of four posts.

##### Programme (5)

Provision for 2022–23 is \$19.7 million (29.4%) higher than the revised estimate for 2021–22. This is mainly due to the increased cash flow requirement for a non-recurrent item.

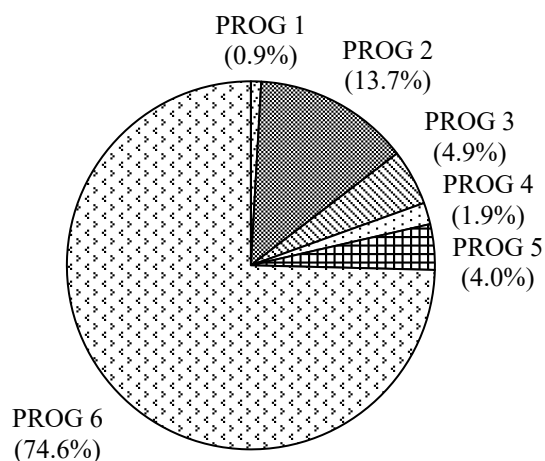
##### Programme (6)

Provision for 2022–23 is \$1,265.6 million (382.5%) higher than the revised estimate for 2021–22. This is mainly due to the one-off injection of \$1,200 million into the general non-recurrent item on “CITF” in 2022–23 and the increased cash flow requirement for other non-recurrent items, partly offset by a net decrease of one post.

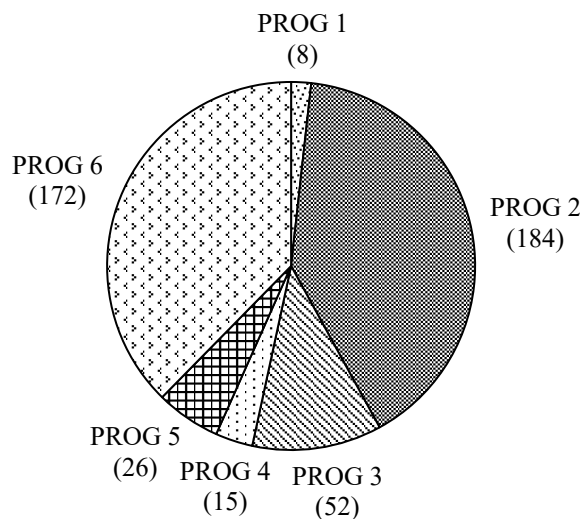
**Head 159 — GOVERNMENT SECRETARIAT: DEVELOPMENT BUREAU  
(WORKS BRANCH)**

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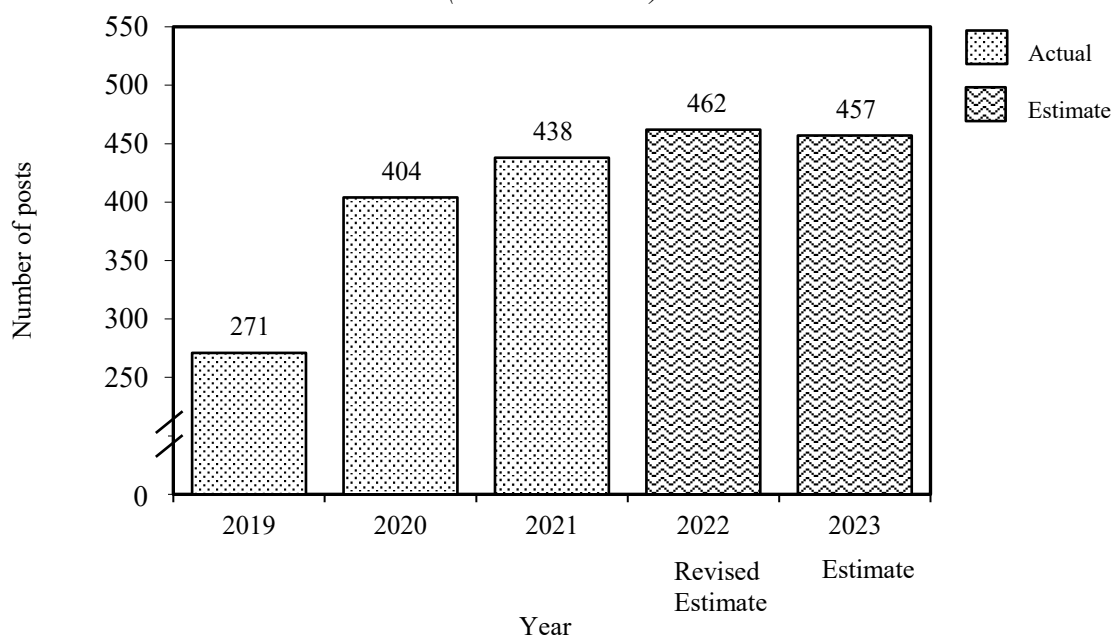
*Allocation of provision  
to programmes  
(2022-23)*



*Staff by programme  
(as at 31 March 2023)*



*Changes in the size of the establishment  
(as at 31 March)*



**Head 159 — GOVERNMENT SECRETARIAT: DEVELOPMENT BUREAU  
(WORKS BRANCH)**

Sub-head (Code)		Actual expenditure 2020–21	Approved estimate 2021–22	Revised estimate 2021–22	Estimate 2022–23
		\$'000	\$'000	\$'000	\$'000
<b>Operating Account</b>					
Recurrent					
000	Operational expenses .....	727,853	719,041	717,953	<b>729,963</b>
	Total, Recurrent.....	727,853	719,041	717,953	<b>729,963</b>
Non-Recurrent					
700	General non-recurrent .....	69,551	128,361	86,129	<b>1,390,790</b>
	Total, Non-Recurrent.....	69,551	128,361	86,129	<b>1,390,790</b>
	Total, Operating Account .....	797,404	847,402	804,082	<b>2,120,753</b>
<b>Capital Account</b>					
Plant, Equipment and Works					
600	Works .....	2,893	4,000	3,000	<b>4,533</b>
653	Restoration of historic buildings (block vote) ....	5,950	6,333	6,333	<b>9,067</b>
661	Minor plant, vehicles and equipment (block vote).....	5,969	4,000	4,000	<b>5,912</b>
694	Archaeological excavations (block vote).....	819	798	798	<b>797</b>
	Total, Plant, Equipment and Works.....	15,631	15,131	14,131	<b>20,309</b>
	Total, Capital Account.....	15,631	15,131	14,131	<b>20,309</b>
	Total Expenditure .....	813,035	862,533	818,213	<b>2,141,062</b>

## Head 159 — GOVERNMENT SECRETARIAT: DEVELOPMENT BUREAU (WORKS BRANCH)

### Details of Expenditure by Subhead

The estimate of the amount required in 2022–23 for the salaries and expenses of the Works Branch is \$2,141,062,000. This represents an increase of \$1,322,849,000 over the revised estimate for 2021–22 and \$1,328,027,000 over the actual expenditure in 2020–21.

#### *Operating Account*

##### Recurrent

2 Provision of \$729,963,000 under *Subhead 000 Operational expenses* is for the salaries, allowances and other operating expenses of the Works Branch.

3 The establishment as at 31 March 2022 will be 462 posts including two supernumerary posts. It is expected that there will be a net decrease of five posts in 2022–23. Subject to certain conditions, the controlling officer may under delegated power create or delete non-directorate posts during 2022–23, but the notional annual mid-point salary value of all such posts must not exceed \$327,273,000.

4 An analysis of the financial provision under *Subhead 000 Operational expenses* is as follows:

	2020–21 (Actual) (\$'000)	2021–22 (Original) (\$'000)	2021–22 (Revised) (\$'000)	2022–23 (Estimate) (\$'000)
Personal Emoluments				
- Salaries .....	358,377	405,924	375,359	402,938
- Allowances .....	6,443	6,815	8,073	8,073
- Job-related allowances.....	8	17	11	15
Personnel Related Expenses				
- Mandatory Provident Fund contribution .....	907	880	823	676
- Civil Service Provident Fund contribution .....	25,061	35,173	28,583	35,314
Departmental Expenses				
- Temporary staff .....	132,356	123,573	126,244	123,876
- General departmental expenses .....	202,305	141,645	174,336	153,181
Other Charges				
- Maintenance of government slopes by Housing Department .....	1,000	1,000	1,000	1,000
- Artefacts and museum exhibitions .....	1,396	3,714	3,374	4,590
Subventions				
- Hong Kong Archaeological Society .....	—	300	150	300
	<u>727,853</u>	<u>719,041</u>	<u>717,953</u>	<u>729,963</u>

#### *Capital Account*

##### Plant, Equipment and Works

5 Provision of \$9,067,000 under *Subhead 653 Restoration of historic buildings (block vote)* is to meet public demand for restoration works on buildings, sites or structures of historical interest. Funds for the restoration of monuments may be committed when an item of historical interest has been declared a monument under section 3(1) of the Antiquities and Monuments Ordinance (Cap. 53) or is deemed to merit declaration as a monument in special circumstances. An item may be in either private or public ownership (excluding buildings in government use or those leased to non-profit-making organisations which are separately covered by the Financial Assistance for Maintenance Scheme on Built Heritage). The maximum expenditure for each project of privately-owned monuments is \$10 million and that for public monuments is \$2 million. The increase of \$2,734,000 (43.2%) over the revised estimate for 2021–22 is mainly due to the expected increase in requirement for restoration works.

6 Provision of \$5,912,000 under *Subhead 661 Minor plant, vehicles and equipment (block vote)* represents an increase of \$1,912,000 (47.8%) over the revised estimate for 2021–22. This is mainly due to the increased requirement for new projects.

7 Provision of \$797,000 under *Subhead 694 Archaeological excavations (block vote)* is for conducting excavation projects necessitated by various kinds of small-scale developments. The maximum expenditure for each project is \$1 million.



# Head 159 — GOVERNMENT SECRETARIAT: DEVELOPMENT BUREAU (WORKS BRANCH)

			Commitments			
Sub-head (Code)	Item (Code)	Ambit	Approved commitment	Accumulated expenditure to 31.3.2021	Revised estimated expenditure for 2021–22	Balance
			\$'000	\$'000	\$'000	\$'000
<b>Operating Account</b>						
700	<i>General non-recurrent</i>					
	802	Construction Innovation and Technology Fund^.....	2,200,000^	1,000,000	—	1,200,000
	803	Strengthening Cost Management and Uplifting Performance of Public Works Projects#.....	135,500#	25,402	12,500	97,598
	809	Urban Forestry Support Fund.....	200,000	2,813	11,243	185,944
	810	Enhancements for Training of Construction Workers.....	200,000	5,411	20,340	174,249
	811	Further Enhancement to Manpower Supply of the Construction Industryμ.....	1,000,000μ	—	—	1,000,000
	818	Enhancing the Skill Level of Construction Manpower.....	100,000	78,880	12,573	8,547
	870	Conservation and Revitalisation of Historic Buildings@.....	400,000@	127,136	26,205	246,659
			4,235,500	1,239,642	82,861	2,912,997
<b>Capital Account</b>						
600	<i>Works</i>					
	049	Restoration of Tat Tak Communal Hall...	9,800	9,359	—	441
	462	Restoration of Yan Tun Kong Study Hall.....	6,980	6,333	—	647
	802	Structural repairs to the Enclosing Walls and Corner Watch Towers of Kun Lung Wai, Lung Yeuk Tau, Fanling, New Territories.....	9,850	3,447	300	6,103
	803	Structural repairs to Man Lun Fung Ancestral Hall, San Tin, Yuen Long, New Territories.....	9,000	505	600	7,895
	808	Restoration of Man Mo Temple Compound on Hollywood Road, Sheung Wan.....	9,955	2,245	—	7,710
	813	Restoration of the former residence of Ip Ting-sz, Sha Tau Kok.....	7,670	5,283	—	2,387
	843	Structural repairs to Tang Chung Ling Ancestral Hall in Lung Yeuk Tau, Fanling, New Territories.....	6,435	5,475	150	810
	879	Structural repairs to Lo Wai, Lung Yeuk Tau, Fanling, New Territories.....	9,970	5,472	—	4,498
	883	Structural repairs to Liu Man Shek Tong Ancestral Hall, Sheung Shui, New Territories.....	9,870	4,792	1,500	3,578

# Head 159 — GOVERNMENT SECRETARIAT: DEVELOPMENT BUREAU (WORKS BRANCH)

## Commitments—Cont'd.

Sub-head (Code)	Item (Code)	Ambit	Approved commitment	Accumulated expenditure to 31.3.2021	Revised estimated expenditure for 2021–22	Balance
			\$'000	\$'000	\$'000	\$'000
<b>Capital Account—Cont'd.</b>						
600		<i>Works—Cont'd.</i>				
	887	Major repairs and restoration to Tung Wah Museum, Waterloo Road, Kowloon .....	4,895	3,836	—	1,059
	893	Restoration of Fat Tat Tong in Ha Wo Hang, Sha Tau Kok, New Territories.....	7,953	1,641	150	6,162
	898	External restoration and redecorations to the Helena May, Garden Road, Central.....	6,200	5,814	300	86
			98,578	54,202	3,000	41,376
		Total .....	4,334,078	1,293,844	85,861	2,954,373

^ The approved commitment for the item was \$1 billion. An increase in commitment of \$1,200 million is sought in the context of the Appropriation Bill 2022.

# The approved commitment for the item was \$75,500,000. An increase in commitment of \$60 million is sought in the context of the Appropriation Bill 2022.

μ This is a new item, funding for which is sought in the context of the Appropriation Bill 2022.

@ The approved commitment for the item was \$200 million. An increase in commitment of \$200 million is sought in the context of the Appropriation Bill 2022.