

ITEM FOR PUBLIC WORKS SUBCOMMITTEE OF FINANCE COMMITTEE

HEAD 703 – BUILDING

Recreation, Culture and Amenities – Open spaces

470RO – Lung Tsun Stone Bridge Preservation Corridor at Kai Tak

Members are invited to recommend to the Finance Committee the upgrading of **470RO** to Category A at an estimated cost of \$669.2 million in money-of-the-day prices for the *in-situ* preservation of the Lung Tsun Stone Bridge remnants and the construction of a preservation corridor.

PROBLEM

We need to preserve the Lung Tsun Stone Bridge (LTSB) remnants *in-situ* and construct a preservation corridor for public enjoyment and enhanced connectivity.

PROPOSAL

2. The Director of Architectural Services, with the support of the Secretary for Development, proposes to upgrade **470RO** to Category A at an estimated cost of \$669.2 million in money-of-the-day (MOD) prices.

/PROJECT

PROJECT SCOPE AND NATURE

3. The project covers two sites (Sites A and B) of about 1.43 hectares (ha) in total. Site A with an area of about 1.14 ha and about 320 metre long is located at the Kai Tak city centre where the LTSB remnants were found (the Preservation Corridor). Site B with an area of about 0.29 ha is located inside the Shek Ku Lung Road Playground (the Playground). The proposed scope of the project comprises –

Site A

- (a) *In-situ* preservation of LTSB remnants and the construction of a preservation corridor for public appreciation and leisure purpose including –
 - (i) archaeological works to display the LTSB remnants;
 - (ii) conservation treatment to ensure the structural integrity of the LTSB remnants;
 - (iii) provision of interpretation facilities;
 - (iv) provision of an open space with a continuous traffic-free pedestrian walkway along the corridor;
 - (v) provision of landscaped areas with benches and pavilions;
 - (vi) provision of ancillary facilities including plant rooms, a first aid room, toilets, a babycare room, drinking fountains, store rooms, etc.; and
 - (vii) interface with the pedestrian subway under construction at Prince Edward Road East (the Pedestrian Subway), which connects the Preservation Corridor with the Playground.

/Site B

Site B

- (b) Improvement of the walkway within the Playground that heads to the Kowloon Walled City Park from the exit of the Pedestrian Subway including the provision of –
 - (i) a landscaped walkway with sitting-out facilities; and
 - (ii) pedestrian entrance/exit connected to Sa Po Road.

4. A location plan, site plans, a sectional drawing, an artist's impression, photos of two unearthed remnants and a barrier-free access plan for the project are at **Enclosures 1 to 7** respectively. We plan to commence the proposed works upon obtaining funding approval from the Finance Committee for completion in around four years.

JUSTIFICATION

5. With significant heritage value, the LTSB remnants can contribute to the public's understanding of the Kowloon Walled City as well as the history of Hong Kong. The strategic position of LTSB epitomises the key historic developments of Kowloon City and even the whole territory from the late 19th century. It was an important landmark in that period. LTSB is currently one of the Sites of Archaeological Interest recorded by the Antiquities and Monuments Office for protection. With LTSB preserved *in-situ* at Kai Tak and remnants displayed at its original layout, the project helps promote public awareness on heritage conservation.

6. Upon completion of the project, the Preservation Corridor will connect the Kai Tak Development (KTD) (formerly known as the "South East Kowloon Development") with the Kowloon Walled City Park via the Pedestrian Subway and the Playground, and provide a convenient access to the adjacent developments in Kai Tak.

/FINANCIAL

FINANCIAL IMPLICATIONS

7. We estimate the capital cost of the project to be \$669.2 million in MOD prices, broken down as follows –

	\$million (in MOD prices)
(a) Site works	14.9
(b) Basement ¹	327.6
(c) Building ²	112.1
(d) Building services	62.1
(e) Drainage	15.5
(f) External works	70.7
(g) Additional energy conservation, green and recycled features	1.0
(h) Furniture and equipment ³	0.3
(i) Consultants' fees	4.2
(j) Contingencies	60.8
	<hr/>
Total	<hr/> 669.2 <hr/>

/8.

¹ The Preservation Corridor will be constructed in the form of a basement at around 4.5 metres below the ground level. Basement works cover construction of basement enclosure, waterproofing, underground archaeological works as well as excavation works.

² Building works cover construction of substructure and superstructure of the building.

³ The estimated cost is based on an indicative list of furniture and equipment.

8. While the construction of the proposed works will be supervised by in-house staff, we propose to engage consultants to undertake archaeological, heritage interpretation and geotechnical engineering services under the project. A detailed breakdown of the estimates for consultants' fees is at **Enclosure 8**. We consider the estimated project cost reasonable.

9. Subject to funding approval, we plan to phase the expenditure as follows –

Year	\$ million (in MOD prices)
2021 – 2022	17.8
2022 – 2023	54.9
2023 – 2024	102.5
2024 – 2025	150.0
2025 – 2026	193.1
2026 – 2027	77.1
2027 – 2028	50.0
2028 – 2029	23.8
	<hr/> 669.2 <hr/>

10. We have derived the MOD estimates on the basis of the Government's latest set of assumptions on the trend rate of change in the prices of public sector building and construction output for the period 2021 to 2029. We will deliver the construction works through a lump-sum contract because we can clearly define the scope of the works in advance. The contract will provide for price adjustment.

11. We estimate the annual recurrent expenditure arising from this project to be \$14.45 million.

/PUBLIC

PUBLIC CONSULTATION

12. The Leisure and District Facilities Management Committee of the Kowloon City District Council and the District Facilities Management Committee of the Wong Tai Sin District Council were consulted on the project on 19 January and 21 March 2017 respectively. The project was generally supported by both District Councils.

13. The Task Force on Kai Tak Harbourfront Development of the Harbourfront Commission was consulted on the project on 1 November 2017, and also showed its support.

14. We consulted the Legislative Council Panel on Development on 28 April 2020. Members of the Panel supported the project and did not raise any objection to the submission of the funding proposal to the Public Works Subcommittee (PWSC). At the request of the Panel, we provided supplementary information on 26 June 2020.

ENVIRONMENTAL IMPLICATIONS

15. The project is not a designated project under the Environmental Impact Assessment Ordinance (Cap. 499). We completed the Preliminary Environmental Review (PER) for the project in April 2018. The PER has concluded and the Director of Environmental Protection agreed that the project would not have any long-term environmental impacts.

16. We will incorporate into the works contract the mitigation measures recommended in the PER to control the environmental impacts arising from the construction works to within established standards and guidelines. These measures include the use of quality powered mechanical equipment and movable noise barrier for noisy construction activities, frequent cleaning and watering of the site, and the provision of wheel washing facilities. We have included in the project estimates the cost to implement suitable environmental mitigation measures.

17. At the planning and design stages, we have considered measures to reduce generation of construction waste where possible (e.g. using metal site hoardings and signboards so that these materials can be recycled or reused in other projects). In addition, we will require the contractor to reuse inert construction waste (e.g. use of excavated materials for filling within the site) on site or in other suitable construction sites as far as possible, in order to minimise the disposal of inert construction waste at public fill reception facilities (PFRFs)⁴. We will encourage the contractor to maximise the use of recycled or recyclable inert construction waste, and the use of non-timber formwork to further reduce generation of construction waste.

18. At the construction stage, we will require the contractor to submit for approval a plan setting out the waste management measures, which will include appropriate mitigation means to avoid, reduce, reuse and recycle inert construction waste. We will ensure that the day-to-day operations on site comply with the approved plan. We will require the contractor to separate the inert portion from the non-inert construction waste on site for disposal at appropriate facilities. We will control the disposal of inert and non-inert construction waste at PFRFs and landfills respectively through a trip-ticket system.

19. Subject to the laboratory analytical results, we will require the contractor to treat the marine mud excavated from the site during construction for *in-situ* backfilling wherever appropriate to minimise marine disposal.

20. We estimate that the project will generate in total about 108 390 tonnes of construction waste. Of these, we will reuse about 2 730 tonnes (2.5%) of inert construction waste on site and deliver 104 900 tonnes (96.8%) of inert construction waste to PFRFs for subsequent reuse. We will dispose of the remaining 760 tonnes (0.7%) of non-inert construction waste at landfills. The total cost for disposal of construction waste at PFRFs and landfill sites is estimated to be \$7.6 million for this project (based on a unit charge rate of \$71 per tonne for disposal at PFRFs and \$200 per tonne at landfills as stipulated in the Waste Disposal (Charges for Disposal of Construction Waste) Regulation (Cap. 354N)).

/HERITAGE

⁴ PFRFs are specified in Schedule 4 of the Waste Disposal (Charges for Disposal of Construction Waste) Regulation (Cap. 354N). Disposal of inert construction waste at PFRFs requires a licence issued by the Director of Civil Engineering and Development.

HERITAGE IMPLICATIONS

21. LTSB is a Site of Archaeological Interest. The project will preserve the LTSB remnants *in-situ*. The Heritage Impact Assessment (HIA) in accordance with the prevailing requirements for heritage conservation was carried out. The Antiquities Advisory Board was consulted on the HIA report at its meeting held on 7 September 2017 and members were generally supportive to the findings and recommendations of the report. The Government will ensure that the construction works, mitigation measures, future maintenance and interpretation of the history of LTSB will comply with the requirements stipulated in the HIA report.

LAND ACQUISITION

22. This proposed project does not require any land acquisition.

ENERGY CONSERVATION, GREEN AND RECYCLED FEATURES

23. This project will adopt various forms of energy efficient features and renewable energy technologies, in particular –

- (a) light-emitting diode (LED) type light fittings; and
- (b) solar powered light fittings.

24. For greening features, there will be landscaping and vertical greening at appropriate areas for environmental and amenity benefits.

25. The total estimated additional cost for adoption of the above features is around \$1.0 million (including \$45,000 for energy efficient features), which has been included in the cost estimate of this project. The energy efficient features will achieve 3.5% energy savings in the annual energy consumption with a payback period of about eight years.

/BACKGROUND

BACKGROUND INFORMATION

26. We upgraded **470RO** to Category B in October 2015. We engaged consultants to carry out various services including site investigation, topographic survey, tree survey, underground utility mapping, building information modelling and archaeological and geotechnical engineering services at a total cost of about \$9.2 million. The services and works provided by the consultants were funded under block allocation **Subhead 3100GX** “Project feasibility studies, minor investigations and consultants’ fees for items in Category D of the Public Works Programme”. Except for the building information modelling, archaeological and geotechnical engineering services, all other services have been completed.

27. There are 52 trees within the project boundary, 34 trees will be retained and 18 trees will be removed by felling. Those trees proposed to be felled are having poor form, poor structure and/or poor health. They have low amenity value and will have low survival rate if transplanted, and thus are recommended to be felled. None of the trees to be removed are important trees⁵. We will incorporate planting proposals as part of the project, including the planting of about 33 trees, 10 800 shrubs, 6 400 groundcovers and 500 square metres of grassed area.

28. We estimate that the proposed works will create about 105 jobs (95 for labourers and ten for professional/technical staff) providing a total employment of 4 500 man-months.

29. At the PWSC meeting on 31 October 2001, some Members suggested and the Government agreed to include information on the scope, approved project estimates and progress of all items under the Public Works Programme in future PWSC submissions relating to KTD. The information is at **Enclosure 9**.

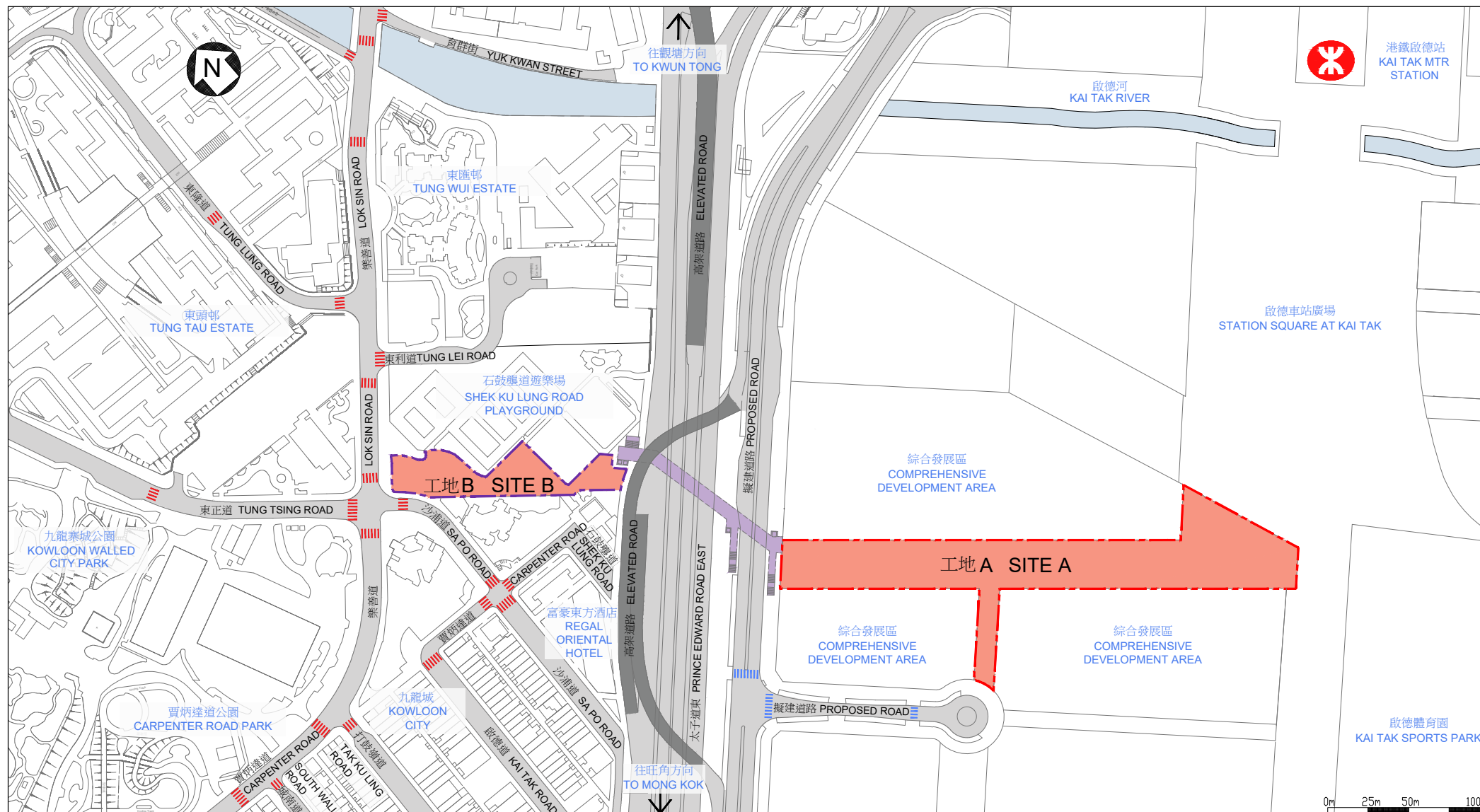
/30.

⁵ “Important trees” refer to trees in the Register of Old and Valuable Trees, or any other trees that meet one or more of the following criteria –

- (a) trees of 100 years old or above;
- (b) trees of cultural, historical or memorable significance e.g. Fung Shui tree, tree as landmark of monastery or heritage monument, and trees in memory of an important person or event;
- (c) trees of precious or rare species;
- (d) trees of outstanding form (taking account of overall tree sizes, shape and any special features) e.g. trees with curtain like aerial roots, trees growing in unusual habitat; or
- (e) trees with trunk diameter equal or exceeding 1.0 metre (measured at 1.3 metres above ground level), or with height/canopy spread equal or exceeding 25 metres.

30. We briefed the Panel on Development on 28 April 2020. The project estimate then was \$686.0 million. The reduction in project estimate is due to the latest update of the project cost information. We consider that the latest estimate, which is 2.4% lower than our earlier estimate as stated in the Panel paper (LC Paper No. CB(1)464/19-20(03)) should be adequate to deliver the proposed works with the same project scope.

Development Bureau
January 2021



LEGEND 圖例

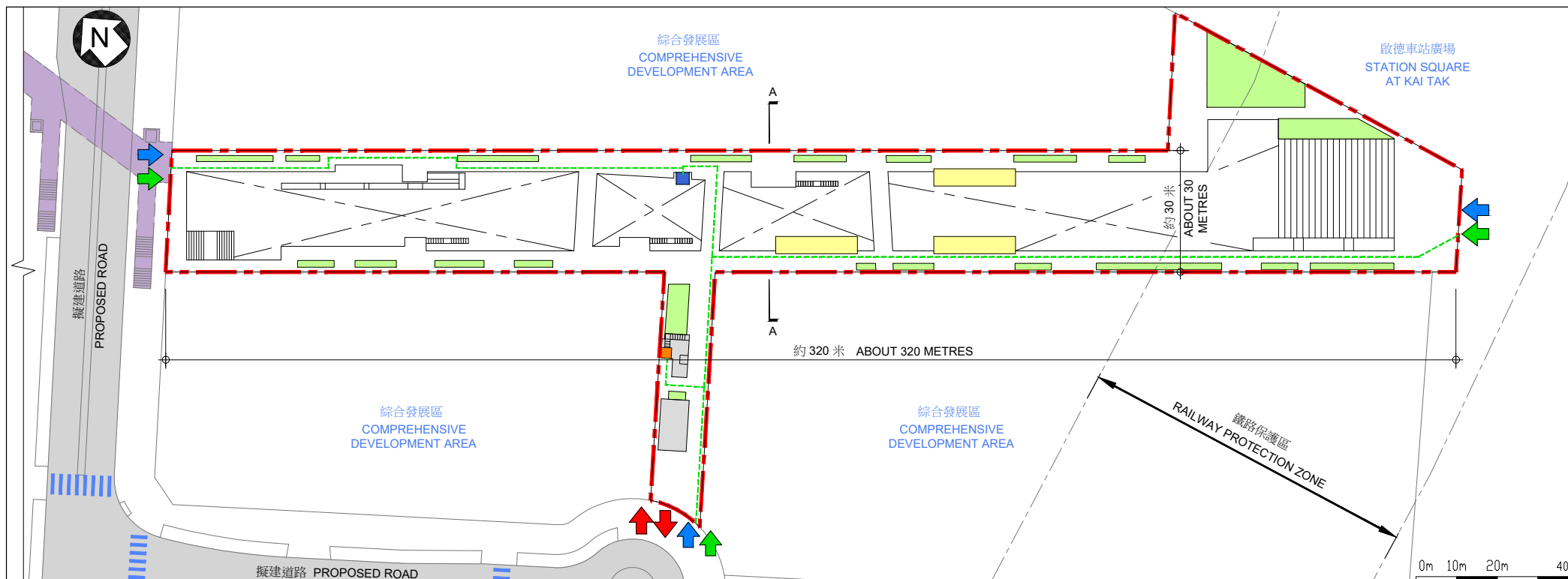
- | | | | | |
|--|---|--|---|--|
| --- 工地界線
SITE BOUNDARY | --- 改善工程界線
IMPROVEMENT WORKS
BOUNDARY | 現有行人過路處
EXISTING AT-GRADE
PEDESTRIAN CROSSING | 擬建行人過路處
PROPOSED AT-GRADE
PEDESTRIAN CROSSING | ■ 興建中行人隧道(由其他工程承造)
SUBWAY UNDER CONSTRUCTION
(BY OTHERS) |
|--|---|--|---|--|

位置圖
LOCATION PLAN

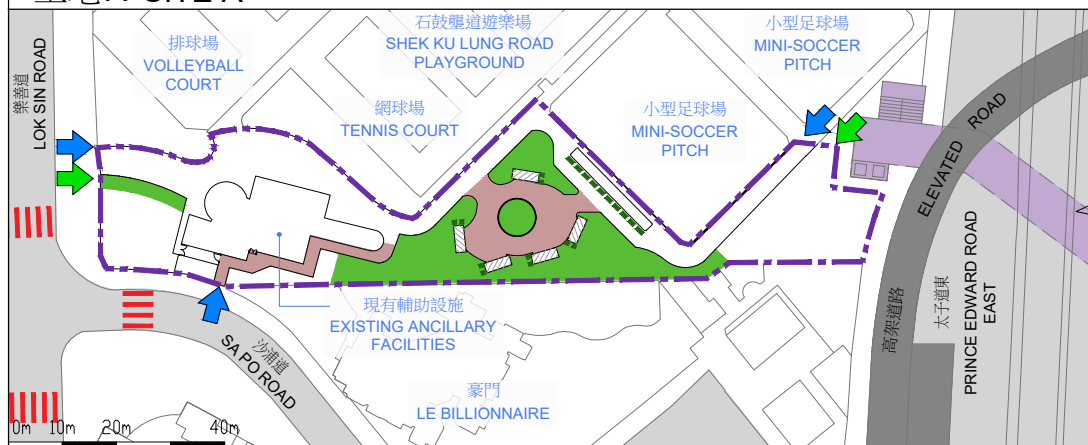
470RO
啟德龍津石橋保育長廊
LUNG TSUN STONE BRIDGE PRESERVATION CORRIDOR AT KAI TAK



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工地 A SITE A



工地 B SITE B

LEGEND 圖例

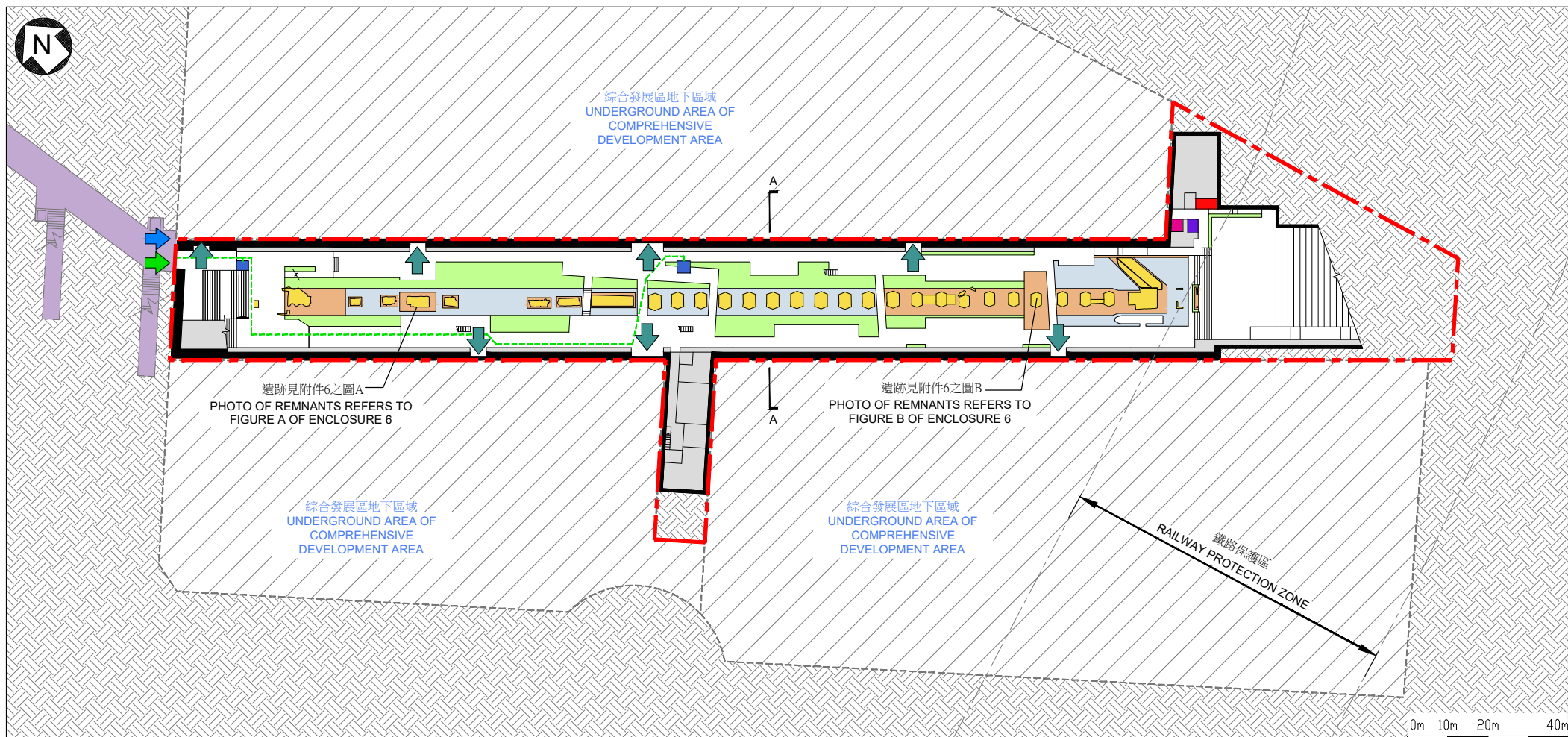
--- 工地界線 SITE BOUNDARY	↑ 車輛出入口 VEHICULAR INGRESS / EGRESS	--- 無障礙通道 BARRIER-FREE ACCESS
--- 改善工程界線 IMPROVEMENT WORKS BOUNDARY	↑ 行人出入口 PEDESTRIAN ENTRANCE / EXIT	 遮蔭棚 TRELLIS
 機房和貯物室 PLANT ROOM AND STORE ROOM	↑ 無障礙出入口 BARRIER-FREE ENTRANCE / EXIT	 興建中行人隧道 (由其他工程承造) SUBWAY UNDER CONSTRUCTION (BY OTHERS)
 花槽 / 草坪 PLANTER / LAWN	 現有避雨亭 EXISTING RAIN SHELTER	 現有花槽改善工程 IMPROVEMENT WORKS TO EXISTING PLANTER
 暢通易達升降機 ACCESSIBLE LIFT	 行人道改善工程 IMPROVEMENT WORKS TO WALKWAY	 現有行人過路處 EXISTING AT-GRADE PEDESTRIAN CROSSING
 暢通易達洗手間 ACCESSIBLE TOILET	--- 垂直綠化 VERTICAL GREENING	 擬建行人過路處 PROPOSED AT-GRADE PEDESTRIAN CROSSING

地下平面圖 (工地 A和B)
GROUND FLOOR PLAN
(SITE A & B)

470RO
啟德龍津石橋保育長廊
LUNG TSUN STONE BRIDGE PRESERVATION CORRIDOR AT KAI TAK



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LEGEND 圖例

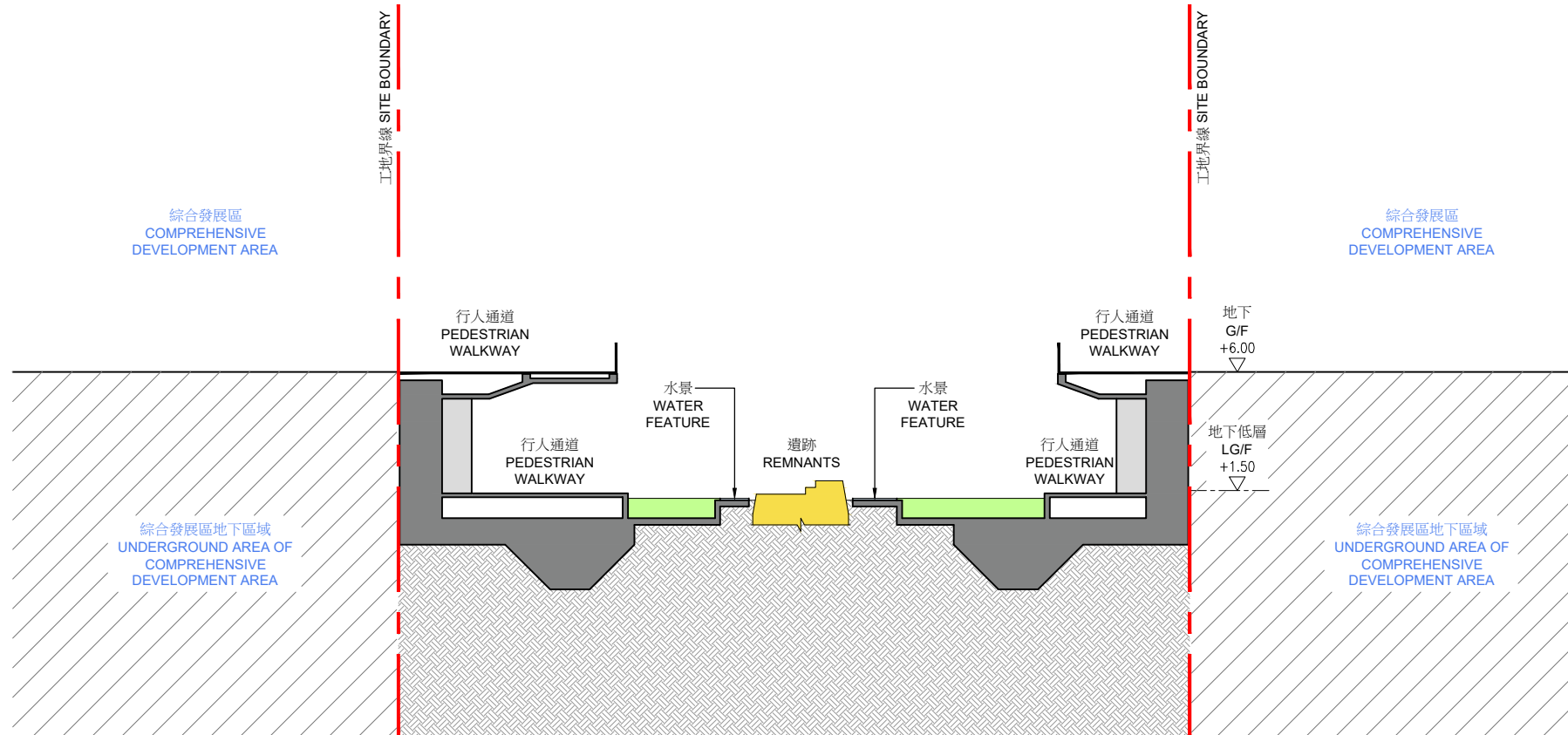
--- 工地界線 SITE BOUNDARY	↑ 擬建接駁鄰近地區通道 PROPOSED CONNECTIONS WITH ADJACENT AREAS	花槽 / 草坪 PLANTER / LAWN	水景 WATER FEATURE	遺跡 REMNANTS	暢通易達升降機 ACCESSIBLE LIFT	育嬰室 BABY CARE ROOM
興建中行人隧道 (由其他工程承造) SUBWAY UNDER CONSTRUCTION (BY OTHERS)	↑ 行人出入口 PEDESTRIAN ENTRANCE / EXIT	救護站 FIRST-AID ROOM	礫石區 GRAVEL AREA	通用洗手間 UNIVERSAL TOILET	機房和貯物室 PLANT ROOM AND STORE ROOM	地下區域 UNDERGROUND AREA
	↑ 無障礙出入口 BARRIER-FREE ENTRANCE / EXIT	無障礙通道 BARRIER-FREE ACCESS				

地下低層平面圖 (工地A)
LOWER GROUND FLOOR PLAN (SITE A)

470RO
啟德龍津石橋保育長廊
LUNG TSUN STONE BRIDGE PRESERVATION CORRIDOR AT KAI TAK



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0m 2m 4m 8m

LEGEND 圖例

 花槽 / 草坪 PLANTER / LAWN	 遺跡 REMNANTS	 機房 PLANT ROOM
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A-A 剖面圖
SECTION A-A

470RO
啟德龍津石橋保育長廊
LUNG TSUN STONE BRIDGE PRESERVATION CORRIDOR AT KAI TAK



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從西北面望向保育長廊的構思透視圖

PERSPECTIVE VIEW FROM NORTHWEST DIRECTION OF PRESERVATION CORRIDOR

構思圖 (工地A)
ARTIST'S IMPRESSION
(SITE A)

470RO
啟德龍津石橋保育長廊
LUNG TSUN STONE BRIDGE
PRESERVATION CORRIDOR AT KAI TAK



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圖A - 實心部分遺跡 (位置見附件3)
FIGURE A - REMNANTS OF SOLID MASS SECTION
(LOCATION OF REMNANTS REFERS TO ENCLOSURE 3)



圖B - 橋墩遺跡 (位置見附件3)
FIGURE B - REMNANTS OF STONE SUPPORTING PILLAR
(LOCATION OF REMNANTS REFERS TO ENCLOSURE 3)

圖片來源: 土木工程拓展署委托的龍津石橋遺跡的挖掘報告 (合約編號: KDO002/2011, 報告的日期: 2013年9月)

SOURCE OF PHOTOS: REPORTED DATE SEPTEMBER 2013 FOR "FULL EXCAVATION FOR DEFINING THE PRESERVATION APPROACH OF LUNG TSUN STONE BRIDGE REMNANTS" (AGREEMENT NO. KDO002/2011) COMMISSIONED BY CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT

龍津石橋遺跡參考照片
REFERENCE PHOTOS OF
LUNG TSUN STONE BRIDGE
REMNANTS

470RO
啟德龍津石橋保育長廊
LUNG TSUN STONE BRIDGE PRESERVATION CORRIDOR AT KAI TAK



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470RO – Lung Tsun Stone Bridge Preservation Corridor at Kai Tak**Breakdown of the estimates for consultants' fees
(in September 2020 prices)**

			Estimated man- months	Average MPS* salary point	Multiplier (Note 1)	Estimated fee (\$ million)
Consultants' fees for –						
(a)	archaeological services (Note 2)	Professional	–	–	–	1.1
(b)	heritage interpretation services (Note 3)	Professional	4	38	2.0	0.7
		Technical	7	14	2.0	0.4
					Sub-total	1.1
(c)	geotechnical engineering services (Note 3)	Professional	4	38	2.0	0.7
		Technical	8	14	2.0	0.5
					Sub-total	1.2
					Total	3.4#

* MPS = Master Pay Scale

Notes

1. A multiplier of 2.0 is applied to the average MPS salary point to estimate the full staff cost including the consultants' overheads and profit for staff employed in the consultants' offices (As at now, MPS salary point 38 = \$85,870 per month and MPS salary point 14 = \$30,235 per month).
2. The consultant's fee for archaeological services is calculated in accordance with the existing archaeological consultancy agreement of **470RO**. The construction phase of the assignment will only be executed subject to Finance Committee's funding approval to upgrade **470RO** to Category A.
3. The actual consultant's fee will only be known after award of the assignment.

Remarks

The cost figures in this Enclosure are shown in constant prices to correlate with the MPS salary point of the same year. The figure marked with # is shown in money-of-the-day prices in paragraph 7 of the main paper.

Kai Tak Development
List of Public Works Programme (PWP) Items in Category A

(Note: For details on the project scope of the PWP items listed below, please refer to the corresponding PWSC papers.)

PWP item no.:	440CL
Project title:	South East Kowloon development – comprehensive feasibility study
Date of upgrading to Category A:	April 1995
Approved project estimate:	\$220 million
Project scope:	The project comprises a comprehensive feasibility study for the whole South East Kowloon area, as well as associated laboratory testing and site investigation works.
Brief account of progress:	(a) The feasibility study was completed in December 2003. (b) The project account has been finalised at the sum of \$185.2 million.

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PWP item no.:	494CL (part upgraded from 469CL)
Project title:	South East Kowloon development at Kai Tak Airport – decontamination and site preparation
Date of upgrading to Category A:	February 1998
Approved project estimate:	\$316.9 million
Project scope:	Ground decontamination, demolition of existing buildings and structures and site preparation at the north apron of Kai Tak Airport.

Brief account of progress: (a) The civil engineering works and the post-decontamination monitoring works were completed in April 2002 and December 2003 respectively.

(b) The project account has been finalised at the sum of \$281.8 million.

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PWP item no.: **694CL** (part upgraded from **469CL**)

Project title: South East Kowloon development at Kai Tak Airport – consultants' fees and site investigation

Date of upgrading to Category A: November 2001

Approved project estimate: \$115.9 million

Project scope: Site investigation works and detailed design for 6 kilometres (km) drainage box culverts, five sewage pumping stations, flyovers, roads, sewerage, drainage and demolition of the passenger terminal building for the planned developments in the north apron area of Kai Tak Airport.

Brief account of progress:

- (a) Consultancy started in January 2002.
- (b) Detailed design for demolition of the passenger terminal building and associated structures has been completed.
- (c) Detailed design of the stages 1, 2, 3A, 3B, 4, 5A and 5B infrastructure works and the reconstruction and upgrading of Kai Tak Nullah at the north apron has been completed.
- (d) Detailed design of the remaining infrastructure works at the north apron is in progress.

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PWP item no.:	693CL (part upgraded from 465CL)
Project title:	South East Kowloon development – consultants’ fees and site investigation for Kai Tak Approach Channel (KTAC) reclamation
Date of upgrading to Category A:	November 2001
Approved project estimate:	\$63.8 million
Project scope:	Site investigation works and detailed design for treatment of contaminated sediments and reclamation of KTAC, drainage and demolition of the existing airport taxiway bridge in KTAC.
Brief account of progress:	<p>(a) Consultancy started in January 2002.</p> <p>(b) In the light of the Court of Final Appeal (CFA)’s ruling on harbour reclamation under the Protection of the Harbour Ordinance (Cap. 531), the consultancy had been suspended since December 2003 and was terminated in July 2006.</p> <p>(c) The project account has been finalised at the sum of \$50.2 million.</p>

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PWP item no.:	699CL (part upgraded from 482CL)
Project title:	South East Kowloon development – consultants’ fees and site investigation for Kowloon Bay reclamation and engineering works
Date of upgrading to Category A:	July 2002
Approved project estimate:	\$105.7 million
Project scope:	Site investigation works and detailed design for treatment of contaminated sediments and reclamation of Kowloon Bay, marine structures and facilities, roads, drainage and sewerage works.

- Brief account of progress:
- (a) Consultancy started in December 2002.
 - (b) In the light of CFA's ruling on harbour reclamation under the Protection of the Harbour Ordinance (Cap. 531), the consultancy had been suspended since December 2003 and was terminated in July 2006.
 - (c) The project account has been finalised at the sum of \$6.1 million.

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PWP item no.: **708CL** (part upgraded from **469CL**)

Project title: South East Kowloon development – site preparation and drainage works at north apron area of Kai Tak Airport

Date of upgrading to Category A: February 2004

Approved project estimate: \$131.6 million

Project scope: Construction of a twin-cell box culvert of about 600 m long, decommissioning of an existing culvert, demolition of the passenger terminal building and car-parking building at north apron area of Kai Tak Airport.

- Brief account of progress:
- (a) Works contract commenced in April 2004 and was completed in September 2006.
 - (b) The project account has been finalised at the sum of \$131.3 million.

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PWP item no.: **719CL**

Project title: Kai Tak development – engineering review

Date of upgrading to Category A: December 2006

Approved project estimate: \$87.5 million

Project scope: A study to confirm the detailed engineering feasibility of the revised Preliminary Outline Development Plan of Kai Tak development, preliminary preparatory work for the early development of the cruise terminal in Kai Tak.

Brief account of progress: Consultancy commenced in January 2007 and completed in April 2010. The project account has been finalised at the sum of \$76.4 million.

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PWP item no.: **724CL** (part upgraded from **711CL**)

Project title: Kai Tak development – investigation and detailed design for advance infrastructure works for developments at the southern part of the former runway

Date of upgrading to Category A: December 2006

Approved project estimate: \$38 million

Project scope: Investigation and detailed design for roads, drainage, sewerage, watermain, relocation and reprovisioning of existing radar facilities for the proposed developments at the southern part of the former runway.

Brief account of progress:

- (a) Consultancy commenced in January 2007.
- (b) Design of the decommissioning and decontamination works at the south apron and relocation and reprovision of Marine Vessel Traffic Services radar was completed.
- (c) Design of the stage 1 advance infrastructure works was completed.
- (d) Design of the remaining infrastructure works was completed.

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PWP item no.:	734CL (part upgraded from 711CL)
Project title:	Kai Tak development – decommissioning and decontamination works at the south apron of the former Kai Tak Airport and installation of supplementary radar at North Point Government Offices (NPGO)
Date of upgrading to Category A:	February 2008
Approved project estimate:	\$120.1 million
Project scope:	Decommissioning and decontamination of about 12 600 square metres of land at the south apron of the former Kai Tak Airport, installation of a supplementary radar at NPGO and associated works.
Brief account of progress:	<p>(a) Works contract commenced in May 2008 and was completed in January 2010.</p> <p>(b) The project account has been finalised at the sum of \$82.5 million.</p>

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PWP item no.:	738CL (part upgraded from 465CL)
Project title:	Kai Tak development – detailed design and site investigation for Kai Tak Approach Channel and Kwun Tong typhoon shelter improvement works.
Date of upgrading to Category A:	May 2009
Approved project estimate:	\$50 million
Project scope:	Site investigation works, environmental mitigation trial and monitoring, and detailed design for treatment of the contaminated sediments, forming of a 600 m opening at the former runway with a piled deck on the top and associated works.
Brief account of progress:	<p>(a) Consultancy commenced in August 2009.</p>

(b) Detailed design of Phase 1 works has been completed.

(c) Design of Phase 2 works (IP Scheme) has been substantially completed.

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PWP item no.: **740CL** (part upgraded from **702CL**)

Project title: Kai Tak development – detailed design and site investigation for remaining infrastructure works for developments at the former runway

Date of upgrading to Category A: May 2009

Approved project estimate: \$32 million

Project scope: Site investigation works and detailed design for a road including a piled deck on the former runway; roads, footbridges, drainage, sewerage and water mains in south apron; and associated works.

Brief account of progress: Consultancy commenced in July 2009. Design of the infrastructure works (except the remaining part) has been completed. Detailed design of the remaining part of infrastructure works is in progress.

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PWP item no.: **739CL** (part upgraded from **469CL**)

Project title: Kai Tak development – stage 1 infrastructure works at north apron area of Kai Tak Airport

Date of upgrading to Category A: May 2009

Approved project estimate: \$566.5 million

Project scope: Construction of about 2.6 km of new roads and other roadworks within the north apron area; two footbridges, two drainage box culverts, improvement to three existing subways across Prince Edward Road East, drainage, sewerage, water mains and associated works.

Brief account of progress: (a) Works commenced in July 2009 and were completed in December 2013.

(b) The project account has been finalised at the sum of \$508.5 million.

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PWP item no.: **741CL** (part upgraded from **711CL**)

Project title: Kai Tak development – stage 1 advance infrastructure works for developments at the southern part of the former runway

Date of upgrading to Category A: May 2009

Approved project estimate: \$539.6 million

Project scope: Construction of about 1.8 km carriageway, a fireboat berth cum landing steps, drainage, a sewage pumping station, sewerage, water mains and associated works for developments at the southern part of the former runway.

Brief account of progress: (a) Works contract commenced in September 2009 and was completed in December 2013.

(b) The project account has been finalised at the sum of \$530.2 million.

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PWP item no.: **841TH** (part upgraded from **785TH**)

Project title: Trunk Road T2 – investigation and design

Date of upgrading to Category A: June 2009

Approved project estimate:	\$133.6 million
Project scope:	Impact assessments on environment, traffic, marine, heritage and other related aspects; detailed design of the works and associated site investigations and supervision for Trunk Road T2.
Brief account of progress:	<p>(a) Consultancy commenced in July 2009.</p> <p>(b) The environmental impact assessment report was approved in September 2013.</p> <p>(c) Detailed design of the main works was completed.</p>

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PWP item no.:	45CG
Project title:	District Cooling System at the Kai Tak Development
Date of upgrading to Category A:	June 2009
Approved project estimate:	\$4,945.5 million (approved by the Finance Committee on 4 January 2019) for Phase I, Phase II and Phase III (Package A, B, C & R) of the project
Project scope:	The scope of the project comprises (a) construction of a northern chiller plant; (b) construction of a southern underground chiller plant cum underground seawater pump house and above-ground operational facilities; (c) laying of seawater intake and discharge pipelines; (d) laying of chilled water distribution pipe networks; and (e) provision of connection facilities at user buildings at Kai Tak development.
Brief account of progress:	(a) Construction for Phase I commenced in February 2011 and was completed in January 2013.

- (b) Construction for Phase II commenced in March 2011 and was completed in September 2014.
- (c) Construction for Phase III (Package A) commenced in July 2013 and was completed in December 2017.
- (d) Construction for Phase III (Package B) commenced in September 2015 and substantially completed in June 2020.
- (e) Construction for Phase III (Package C) commenced in September 2016 and substantially completed in August 2020.
- (f) Construction for remaining works under Phase III (Package R) commenced in January 2019 for completion by end 2025.

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PWP item no.:	736CL
Project title:	Site formation for Kai Tak cruise terminal development
Date of upgrading to Category A:	November 2009
Approved project estimate:	\$2,303.9 million
Project scope:	Construction of about 1.1 km long seawall, piled structures, marine facilities and structures, and dredging works for Kai Tak Cruise Terminal.
Brief account of progress:	<p>(a) The site formation for Kai Tak cruise terminal development has been completed, with the first berth and the second berth commenced operations in June 2013 and September 2014 respectively. Remaining dredging was also completed in December 2015.</p> <p>(b) The project account was finalised at the sum of \$1,362.7 million.</p>

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PWP item no.:	7GA
Project title:	Cruise terminal building and ancillary facilities for the Kai Tak cruise terminal development
Date of upgrading to Category A:	April 2010
Approved project estimate:	\$5,852.1 million
Project scope:	Development of new cruise terminal facilities at the southern end of the former runway at the Kai Tak development; and provisions of building services to the apron area.
Brief account of progress:	<p>(a) Works contract commenced in May 2010 and was completed in May 2013.</p> <p>(b) The project account has been finalised in March 2019.</p>
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PWP item no.:	745CL (part upgraded from 465CL)
Project title:	Kai Tak development – Kai Tak approach channel and Kwun Tong typhoon shelter improvement works (Phase 1)
Date of upgrading to Category A:	June 2011
Approved project estimate:	\$717.7 million
Project scope:	Bioremediation treatment of the contaminated sediments over an area of about 90 hectares of seabed at KTAC and Kwun Tong typhoon shelter, dredging of seabed at KTAC, and demolition of a disused dolphin and associated improvement works in the vicinity of To Kwa Wan Typhoon Shelter.
Brief account of progress:	<p>(a) Works contract commenced in July 2011 and was completed in July 2014.</p> <p>(b) The project account has been finalised at the sum of \$427.6 million.</p>

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PWP item no.:	746CL (part upgraded from 469CL)
Project title:	Kai Tak development – stage 2 infrastructure at north apron area of Kai Tak Airport
Date of upgrading to Category A:	June 2011
Approved project estimate:	\$355.8 million
Project scope:	Construction of about 590 m roads, about 2 110 m footpaths, drainage box culverts, sewage pumping station and associated works.
Brief account of progress:	<p>(a) Works contract commenced in July 2011 and was substantially completed in June 2015.</p> <p>(b) Project account finalisation is in progress.</p>

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PWP item no.:	749CL (part upgraded from 711CL)
Project title:	Kai Tak development – reprovisioning of radar on top of the cruise terminal building
Date of upgrading to Category A:	June 2011
Approved project estimate:	\$88.4 million
Project scope:	Reprovisioning of a radar and associated signal processing and relaying equipment and construction of a radome, a radome base support and associated works.
Brief account of progress:	<p>(a) The works contract commenced in August 2011 and was completed in June 2013.</p> <p>(b) The project account has been finalised at the sum of \$87.7 million.</p>

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PWP item no.:	172BF
Project title:	Construction of fire station-cum-ambulance facility at Cheung Yip Street, Kowloon Bay
Date of upgrading to Category A:	July 2011
Approved project estimate:	\$210 million
Project scope:	Construction of a new six-storey fire station with ambulance facility-cum-an urban search and rescue equipment store in Kowloon Bay.
Brief account of progress:	<p>(a) Works contract commenced in July 2011 and was completed in June 2013.</p> <p>(b) Project account has been finalised in April 2016 at the sum of \$161.8 million.</p>

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PWP item no.:	109KA
Project title:	Construction of Trade and Industry Tower in Kai Tak Development Area
Date of upgrading to Category A:	January 2012
Approved project estimate:	\$2,645.1 million
Project scope:	Construction of government offices and ancillary property management facilities providing a net operational floor area (NOFA) of around 32 400 m ² , and a community hall of about 600 m ² in NOFA.
Brief account of progress:	<p>(a) Works contract commenced in January 2012 and was completed in April 2015.</p> <p>(b) The project account has been finalised in December 2016 at the sum of \$ 1,877.9 million.</p>

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PWP item no.:	443RO (part upgraded from 425RO)
Project title:	Runway Park at Kai Tak, Kowloon City District – Phase 1
Date of upgrading to Category A:	July 2012
Approved project estimate:	\$169.7 million
Project scope:	Construction of a 270 m long waterfront promenade at the runway tip facing Lei Yue Mun and along the waterfront facing Kwun Tong, a large lawn with seating and extensive soft landscape planting, and ancillary facilities.
Brief account of progress:	<p>(a) Works contract commenced in August 2012 and was completed in April 2014.</p> <p>(b) The project account has been finalised in July 2018 at the sum of \$131.9 million.</p>

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PWP item no.:	439RO
Project title:	Kwun Tong promenade (stage 2)
Date of upgrading to Category A:	July 2012
Approved project estimate:	\$250.7 million
Project scope:	Construction of a 750 m long waterfront promenade at the former Kwun Tong Public Cargo Working Area with a boardwalk, and upgrading works for the Kwun Tong promenade (stage 1), including installation of more lighting, close-circuit television and a public address system.
Brief account of progress:	<p>(a) Works contract commenced in February 2013 and was completed in December 2014.</p> <p>(b) The project account has been finalised in March 2019 at the sum of \$208.5 million.</p>

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PWP item no.:	167CD (part upgraded from 469CL)
Project title:	Kai Tak development – reconstruction and upgrading of Kai Tak Nullah
Date of upgrading to Category A:	January 2013
Approved project estimate:	\$2,488.2 million
Project scope:	Reconstruction and upgrading of Kai Tak Nullah from Prince Edward Road East to KTAC, construction of two enclosed desilting compounds with vehicular access and ancillary works.
Brief account of progress:	<p>(a) Works contract commenced in January 2013 and was substantially completed in April 2018.</p> <p>(b) Project account finalisation is in progress.</p>

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PWP item no.:	76MM
Project title:	Establishment of the Centre of Excellence in Paediatrics (Hong Kong Children's Hospital)
Date of upgrading to Category A:	June 2013
Approved project estimate:	\$12,985.5 million
Project scope:	Establishment of the Centre of Excellence in Paediatrics with 468 beds in the south apron of the Kai Tak development.
Brief account of progress:	<p>(a) Works contract commenced in August 2013 and was completed in September 2017.</p> <p>(b) The project account finalisation is in progress.</p>

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PWP item no.:	761CL (part upgraded from 469CL)		
Project title:	Kai Tak development – stages 3A and 4 infrastructure at north apron area of Kai Tak Airport		
Date of upgrading to Category A:	June 2013		
Approved project estimate:	\$2,255.3 million		
Project scope:	<p>Stage 3A – Construction of roads, a vehicular underpass, a pedestrian subway, extension of an existing subway, reconstruction of existing roads, associated drainage, sewerage, water mains, roadworks and other ancillary works.</p> <p>Stage 4 – Construction of roads, reconstruction and widening of existing footpaths, two sewage pumping stations, twin rising mains, associated drainage and sewerage works and other ancillary works.</p>		
Brief account of progress:	Works contracts commenced in stages starting from July 2013. Stage 3A Contract was completed in June 2017 whereas Stage 4 works were substantially completed in March 2019.		

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PWP item no.:	349EP		
Project title:	A 30-classroom primary school at site 1A-3, Kai Tak development, Kowloon		
Date of upgrading to Category A:	July 2013		
Approved project estimate:	\$312.4 million		
Project scope:	Construction of a 30-classroom primary school at site 1A-3, Kai Tak development		

- Brief account of progress:
- (a) Works contract commenced in November 2013 and was substantially completed in December 2015.
 - (b) The project account finalisation is in progress.

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PWP item no.: **350EP**

Project title: A 30-classroom primary school at site 1A-4, Kai Tak development, Kowloon

Date of upgrading to Category A: July 2013

Approved project estimate: \$317.5 million

Project scope: Construction of a 30-classroom primary school at site 1A-4, Kai Tak development

- Brief account of progress:
- (a) Works contract commenced in November 2013 and was substantially completed in December 2015.
 - (b) The project account finalisation is in progress.

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PWP item no.: **287RS (part upgraded from 272RS)**

Project title: Kai Tak Multi-purpose Sports Complex – pre-construction works

Date of upgrading to Category A: July 2015

Approved project estimate: \$62.7 million

Project scope: Preparation of technical specifications, cost estimate, tender documents (including information in ground investigation, utility mapping, topographic and tree surveys) and tender assessment for the mainworks

- Brief account of progress:
- (a) The pre-construction works commenced in phases since December 2015 and were completed in December 2018.
 - (b) The project account has been finalised in December 2018 at the sum of \$61.0M.

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PWP item no.: **711CL**

Project title: Kai Tak development – infrastructure works for developments at the southern part of the former runway

Date of upgrading to Category A: July 2015

Approved project estimate: \$5,757.1 million

Project scope: Construction of roads, an elevated landscaped deck with lifts and staircases, roadside noise barriers, a supporting underground structure as enabling works to facilitate future construction of Trunk Road T2, improvement to three existing road junctions in Kowloon Bay, associated drainage, sewerage, water mains, roadworks, landscaping and other ancillary works.

Brief account of progress: Works contracts commenced in November 2015 and substantially completed in December 2019.

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PWP item no.: **65TR**

Project title: Detailed Feasibility Study for Environmentally Friendly Linkage System (EFLS) for Kowloon East

Date of upgrading to Category A: July 2015

Approved project estimate: \$92.3 million

- Project scope:
- (a) Evaluation of the most suitable green transport mode(s) for EFLS and formulation of a well-planned integrated multi-modal linkage system to enhance the connectivity of Kowloon East;
 - (b) examination of financial viability and environmental acceptability as well as technical feasibility for EFLS;
 - (c) examination of the impact of the proposed Kwun Tong Transportation Link on the use of the water body at the Kwun Tong Typhoon Shelter and Kai Tak Approach Channel and formulation of mitigation measures;
 - (d) review and examination on the network development for EFLS; and
 - (e) assessment on innovative designs, and arrangements for enhancing attractiveness and cost-effectiveness for EFLS.

Brief account of progress:

The detailed feasibility study has been substantially completed. The study suggests implementing a "multi-modal" EFLS in the district, which will be more effective and desirable than a standalone infrastructure. Views of the public will be collected to optimize the various recommended measures and initiate the implementation work, striving to complete in a progressive manner the various recommended measures in the next few years.

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PWP item no.: **797CL** (part upgraded from **469CL**)

Project title: Kai Tak development – stages 3B and 5A infrastructure works at former north apron area

Date of upgrading to Category A: May 2016

Approved project estimate: \$2,152.8 million

Project scope:	<p>Stage 3B – Construction of roads, an elevated landscaped walkway, a pedestrian subway, demolition of an existing flyover, road modification works, associated drainage, sewerage, watermains, landscaping and other ancillary works.</p> <p>Stage 5A – Construction of roads, a pedestrian subway, associated drainage including box culverts, sewerage, watermains, landscaping and other ancillary works.</p>
Brief account of progress:	Works contracts commenced in stages starting from September 2016 for phased completion from 2020 to 2021.
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PWP item no.:	237LP
Project title:	Kowloon East Regional Headquarters and Operational Base-cum-Ngau Tau Kok Divisional Police Station
Date of upgrading to Category A:	May 2016
Approved project estimate:	\$3,186 million
Project scope:	Demolition of existing vacated Kai Tak Operational Base, construction of an integrated complex and demolition of building and facilities upon commissioning of the integrated complex
Brief account of progress:	<p>(a) Construction of the integrated complex commenced in July 2016 and was completed in March 2020.</p> <p>(b) Project account to be finalised.</p>
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PWP item no.:	271ES
Project title:	A 30-classroom secondary school at Site 1A-2, Kai Tak development
Date of upgrading to Category A	June 2016
Approved project estimate:	\$446.7 million
Project scope:	Construction of a 30-classroom secondary school and ancillary facilities
Brief account of progress:	(a) Works contract commenced in December 2016 and was completed in June 2019. (b) Project account finalisation is in progress.

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PWP item no.:	272RS
Project title:	Kai Tak Sports Park– construction works
Date of upgrading to Category A:	June 2017
Approved project estimate:	\$31,898 million
Project scope:	Design, construction and operation of the Kai Tak Sports Park which occupied a site of around 28 hectares in the north apron of the former Hong Kong International Airport in Kai Tak comprising a multi-purpose Main Stadium, a Public Sports Ground, an Indoor Sports Centre, retail outlets and dining facilities and public open space.
Brief account of progress:	Contract awarded in December 2018 and commenced in February 2019 for completion of works in 2023.

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PWP item no.:	92MM (part upgraded from 87MM)
Project title:	New Acute Hospital (NAH) at Kai Tak Development Area – preparatory works
Date of upgrading to Category A:	July 2017
Approved project estimate:	\$769.3 million
Project scope:	<p>(a) Consultancy services for outline the sketch design and detailed design, as well as preparation of tender documentation and tender assessment for the proposed NAH and the adjoining section of the waterfront promenade; and</p> <p>(b) site investigations and minor studies (such as preliminary environmental review, tree and topographical surveys, utilities survey and survey for impact assessment studies, etc.).</p>
Brief account of progress:	<p>(a) Project has been entrusted to the Hospital Authority (HA). Consultants were engaged by HA in September 2017.</p> <p>(b) Tender documentation is in progress.</p>

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PWP item no.:	122KA
Project title:	Inland Revenue Tower in Kai Tak Development
Date of upgrading to Category A:	April 2018
Approved project estimate:	\$3,600 million

- Project scope:
- (a) Offices and other support facilities including conference rooms, interview rooms, training rooms, a lecture hall, a departmental library and storage areas;
 - (b) public services counters (e.g. enquiry counters and shroff counters) and waiting areas for the public;
 - (c) a telephone enquiry centre;
 - (d) operational equipment, including system printing rooms, and a room for mail-inserting system and folding machines;
 - (e) a document processing centre for handling incoming mails, business returns and individuals returns, and for scanning documents;
 - (f) a computer data centre (comprising data control rooms, server farm, media library, printer and console areas), data preparation rooms, and network distribution rooms;
 - (g) other miscellaneous facilities including staff lactation rooms, baby care room, pantries, toilet facilities, facilities for the disabled, a security control room, plant rooms, maintenance offices and workshops; and
 - (h) a car park with a total of 66 parking spaces at grade including double-deckers located outside the building, for departmental, staff and visitor vehicles.

Brief account of progress:

Works contract commenced in August 2018 for completion in Q2 2022.

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PWP item no.:

436RO

Project title:

Avenue Park at Kai Tak

Date of upgrading to Category A:	May 2018
Approved project estimate:	\$321.9 million
Project scope:	<ul style="list-style-type: none"> (a) Thematic gardens; (b) a children's play area and a fitness area; (c) a basketball court; (d) covered walkways to connect the proposed Station Square where the future Kai Tak Station is located; and (e) ancillary facilities such as a park management office, toilets and baby care rooms.
Brief account of progress:	Works contract commenced in June 2018 for completion in March 2021.

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PWP item no.:	188GK
Project title:	Government Flying Service (GFS) Kai Tak Division
Date of upgrading to Category A:	May 2018
Approved project estimate:	\$469.1 million
Project scope:	<ul style="list-style-type: none"> (a) Construction of an apron to provide a helicopter take-off/landing pad, two helicopter parking pads and the associated safety/protection areas; (b) construction of an office building to accommodate an Air Command and Control Centre, a Flight Planning Centre and ancillary facilities including offices for

GFS's aircrew, engineering and administration staff, a multi-purpose function room for mission planning, briefing, training and meeting, and an aircraft and mission equipment storage area;

- (c) construction of a hangar to accommodate two helicopters and the associated maintenance equipment;
- (d) provision of supporting facilities for helicopter operation including radio and communication facilities, navigation, security and surveillance systems, helicopter refueling facilities and firefighting facilities; and
- (e) associated civil, drainage, sewerage, water supply, building and landscaping works, etc.

Brief account of progress:

Construction works commenced in November 2018 for completion in 2021.

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PWP item no.:

452RO

Project title:

Waterfront promenade adjacent to the Hong Kong Children's Hospital

Date of upgrading to Category A:

May 2018

Approved project estimate:

\$82.2 million

Project scope:

- (a) A continuous pedestrian waterfront promenade;
- (b) landscaped areas with benches, sheltered seating and flowering trees;
- (c) a children's play area; and

- (d) ancillary facilities including toilets, a baby care room, etc.
- Brief account of progress:
- (a) Works contract commenced in November 2018 and was completed in November 2020.
- (b) Project account to be finalized.

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PWP item no.: **94MM** (part upgraded from **87MM**)

Project title: New Acute Hospital at Kai Tak Development Area – foundation, excavation and lateral support, and basement excavation works

Date of upgrading to Category A: May 2018

Approved project estimate: \$5,356.8 million

- Project scope:
- (a) Foundation works;
- (b) excavation and lateral support works;
- (c) basement excavation works;
- (d) pile cap construction works; and
- (e) basement slab works.

- Brief account of progress:
- (a) Project has been entrusted to HA. Consultants were engaged by HA in September 2017 under **92MM**.
- (b) Works contract for Foundation, Excavation & Lateral Support, and Basement Excavation Works commenced in September 2018 for completion in Q3 2022.

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PWP item no.: **467RO**

Project title: Station Square at Kai Tak

Date of upgrading to Category A: June 2018

Approved project estimate: \$1,651.5 million

Project scope:

- (a) An open plaza with a landmark feature;
- (b) a Tai Chi plaza;
- (c) two lawn bowling greens;
- (d) a children's play area;
- (e) fitness stations (including fitness equipment for the elderly);
- (f) cycling grounds;
- (g) a cycle track connected to the Kai Tak cycle track network;
- (h) a jogging track;
- (i) a pet garden;
- (j) a large lawn for casual leisure use;
- (k) shaded seating areas;
- (l) soft landscaping and artwork;
- (m) a covered pedestrian passage to facilitate visitors walking between the future Kai Tak Station of Shatin-to-Central Link (SCL) and the Kai Tak Sports Park; and covered pedestrian pathways to facilitate movement between the two public housing estates (i.e. Kai Ching and Tak Long Estates) and the

future SCL Kai Tak Station respectively;
and

- (n) ancillary facilities including a park management office, toilets, changing rooms, a refuse collection chamber, a service yard, pavilions and store rooms.

Brief account of
progress:

- (a) Phase 1 works contract commenced in February 2019 for completion in March 2021.
- (b) Phase 2 works contract commenced in September 2019 for completion in Q4 2022.

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PWP item no.: **822CL** (part upgraded from **702CL**)

Project title: Kai Tak development – infrastructure for developments at the former runway and south apron

Date of upgrading
to Category A: November 2018

Approved project
estimate: \$2,874.7 million

- Project scope:
- (a) Former runway –
Construction of roads, drainage, sewerage, water mains, saltwater pumping station, sewage pumping station, landscaped decks and public open space.
 - (b) Former south apron –
Construction of roads, drainage, sewerage, water mains, a landscaped elevated walkway with associated lifts and staircase, landscaping and other ancillary works.

Brief account of
progress: The works have commenced in phases starting from March 2019 for completion by 2023.

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PWP item no.:	458RO
Project title:	Signature Project Scheme (Kwun Tong District) – Construction of Music Fountains at Kwun Tong Promenade
Date of upgrading to Category A:	November 2018
Approved project estimate:	\$49.7 million
Project scope:	Construction of Music Fountains with animated lighting and sound effects, interactive fountains with jumping jets and wet play area; and construction of filtration plant room with the provision of ancillary facilities.
Brief account of progress:	Works contract commenced in September 2019 for completion in Q2 2021.

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PWP item no.:	785TH
Project title:	Trunk Road T2 and Cha Kwo Ling Tunnel – Construction
Date of upgrading to Category A:	October 2019
Approved project estimate:	\$16,017.0 million
Project scope:	Construction of Trunk Road T2 and Cha Kwo Ling (CKL) Tunnel connecting with Central Kowloon Route (CKR) and Tseung Kwan O-Lam Tin Tunnel (TKO-LTT) to form Route 6 as an east-west express link between West Kowloon and Tseung Kwan O.
Brief account of progress:	Works contract commenced in November 2019 for completion in Q1 2026.

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PWP item no.:	441RO
Project title:	Hoi Sham Park Extension in Kowloon City District
Date of upgrading to Category A:	July 2020
Approved project estimate:	\$293.2 million
Project scope:	<ul style="list-style-type: none">(a) reprovisioning of four tennis courts from the Ko Shan Road Park previously demolished for the construction of Ko Shan Theatre New Wing;(b) construction of a waterfront promenade with a continuous pedestrian greenery walkway;(c) provision of a thematic landscaped garden with rain shelters and benches;(d) provision of amenity lawn area with rain shelters/arbours;(e) demolition of some existing facilities in the Hoi Sham Park such as children's play area, fitness equipment for the elderly, main pavilion and arbours and reprovisioning of these facilities with enhancement within the project site;(f) construction of a light refreshment kiosk;(g) construction of service blocks and ancillary facilities such as toilets;

- (h) removal of the existing boundary fencing of the Hoi Sham Park for connecting with the extension of the Hoi Sham Park; and
- (i) provision of barrier-free access facilities at the extension of the Hoi Sham Park.

Brief account of progress: Works contract commenced in December 2020 for completion in Q4 2023.

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PWP item no.: **50CG**

Project title: Provision of an Additional District Cooling System at the Kai Tak Development

Date of upgrading to Category A: June 2020

Approved project estimate: \$4,269.3 million

Project scope: The proposed scope of the project comprises (a) a chiller plant cum seawater pump room; (b) seawater pipework; (c) chilled water pipework; and (d) connection facilities at user buildings including the New Acute Hospital (NAH), adjacent commercial areas at Area 3 at the KTD, the Kai Tak Sports Park (KTSP), as well as the Animal Management and Animal Welfare Building Complex.

Brief account of progress: Works contract commenced in phases starting from July 2020. The entire project is planned for completion by end 2028.

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PWP item no.: **171CD**

Project title: Revitalization of Tsui Ping River

Date of upgrading to Category A: June 2020

Approved project estimate: \$1,342.2 million

- Project scope:
- (a) revitalisation of the existing King Yip Street Nullah, comprising resurfacing of the channel, installation of a smart water gate, provision of water-friendly features, provision of a water supplement system (including modification of two underground stormwater storage tanks near Anderson Road and On Sau Road and provision of a seawater circulation system), installation of three dry weather flow interceptors, provision of a smart surveillance and weather forecast system, riverside lighting, and in-stream plantation, etc.;
 - (b) dredging at the existing channel for about 800 metres in length and reconstruction/strengthening of existing nullah structures for about 740 metres in length;
 - (c) construction of riverside walkways, six cross-river walkways and six landscaped decks;
 - (d) modification of an existing footbridge across Lei Yue Mun Road; and
 - (e) provision of public leisure spaces, streetscape enhancement works, landscaping works, energy conservation and green features, and associated roadworks.

Brief account of progress: Works contract commenced in July 2020 for completion in Q3 2024.

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PWP item no.: **187GK**

Project title: Animal Management and Animal Welfare Building Complex in Kai Tak Development

Date of upgrading to Category A: July 2020

Approved project estimate: \$881.9 million

Project scope: (a) Construction of a new 15-storey complex for:

- i. re-provisioning of AMC(K);
- ii. provision of offices and facilities for Animal Management (Development) Division (AMDD), Equine Disease Division (EDD), Veterinary Laboratory Division (VLD), Antimicrobial Resistance Surveillance Section (AMRSS) and Avian Influenza Surveillance Section (AISS) of Animal Health Division (AHD) and the Secretariat of the Veterinary Surgeons Board (VSB);
- iii. provision of other related ancillary facilities; and

(b) Demolition of the existing AMC(K).

Brief account of progress: Works contract commenced in September 2020 for completion in Q2 2024.

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PWP item no.:	833CL
Project title:	Kai Tak development—remaining infrastructure works for developments at the former runway and south apron
Date of upgrading to Category A:	June 2020
Approved project estimate:	\$135.2 million
Project scope:	Design and Construction of Road L10 (Northern section) and modification works of Lam Chak Street and Kai Hing Road.
Brief account of progress:	Works contract commenced in June 2020 for completion in 2025.

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PWP item no.:	832CL (part upgraded from 469CL)
Project title:	Kai Tak development – stages 5B infrastructure works at the former north apron area
Date of upgrading to Category A:	July 2020
Approved project estimate:	\$1,720.1 million
Project scope:	Construction of roads, an elevated walkway, a pedestrian subway, renovation of three existing pedestrian subways, modification of one existing pedestrian subway, associated drainage, sewerage, watermains, landscaping and other ancillary works.
Brief account of progress:	Works contracts commenced in July 2020 for completion in phases from 2023 to 2025.