

Appendix A. Contract Description

Contract Description

Contract No.	Contract Title	Contractor	Key Construction Activities
3206	Reclamation Contract	Zhen Hua Engineering Company Ltd.-China Communications Construction Company Ltd.-CCCC Dredging (Group) Company Ltd. Joint Venture	The works covered by the Contract 3206 comprise the formation of approximately 650 hectares of land north of the existing airport island for the project, the major construction activities including without limitation the following • Geotechnical and ground improvement works; • Seawall construction; • Marine and land filling works; and • Civil works.
3302	Eastern Vehicular Tunnel Advance Works	China Road and Bridge Corporation	The works covered by the Contract 3302 comprise the design and construction of the first section of the new Eastern Vehicular Tunnel and a Road Tunnel Plant Building. The major construction activities include without limitation the following: • Foundation and structural works; • Cast-in / Underground electrical & mechanical works and utility services; and • All associated testing and commissioning works.
3305	Airfield Ground Lighting System	ADB Safegate Hong Kong Limited	The works covered by the Contract 3305 comprise the design, manufacture, installation and handover of the Airfield Ground Lighting (AGL) System. The major construction activities include without limitation the following: • Light fittings works; • Power Supply System installation; • Fibre optic cables and data cables supply and connection; • Set up Control and Communication system; • All associated testing and commissioning works.
3306	Observation Facility Control Systems Supporting Interim 2RS and 3RS	Chinney Alliance Engineering Limited	The works covered by the Contract 3306 comprise the design, procurement, manufacture, supply, installation, testing and commissioning of the Observation Facility Control Systems and Airfield Network for the interim Two-Runway System and Three-Runway System respectively. The major construction activities include without limitation the following: • Power Supply System installation;

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			- Fibre optic cables and data cables supply and connection; - Set up Control and Communication system; - Minor building work and accessories; and - All associated testing and commissioning works.
3307	Fire Training Facility	Paul Y. Construction Company Limited	The works covered by the Contract 3307 comprise the construction of a Fire Training Facility on the new reclamation area to replace the existing facility at the Airport Island. The major construction activities include without limitation the following: - Building services works; - Civil works; and - All associated testing and temporary works.
3308	Foreign Object Debris Detection System	DAS Aviation Services Group	The works cover by the Contract 3308 comprise the entire expanded Foreign Object Debris (FOD) detection system required for the operation of new Three-Runway System at Hong Kong International Airport. The major construction activities include without limitation the following: - Excavation works; - Construction of FOD sensor towers; - Set up FOD detection system; - Civil and structural works; and - All associated electrical and mechanical works.
3310	North Runway Modification Works	China State Construction Engineering (Hong Kong) Ltd. - Fujita Corporation Joint Venture	The works cover by the Contract 3310 comprise the modification of north runway and the connections of taxiways to the modified north runway on existing airport island. The major construction activities include without limitation the following: - Modification works for existing north runway; - Connections works for new taxiways; - Construction of ancillary buildings/ facilities; - Building services and airport systems; - Infrastructure Works; - Underground utilities and services; and - All associated asphalt pavement work and earthwork.

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3402	New Integrated Airport Centers Enabling Works	Wing Hing Construction Co., Ltd.	The works covered by the Contract 3402 comprise the enabling works for the new Integrated Airport Centers. The major construction activities include without limitation the following: • Site clearance and demolition; • Building services works; • Utilities diversion and installation works; • Roadworks including associated facilities; and • All associated testing and commissioning works.
3403	New Integrated Airport Centres – Building and Civil Works	Sun Fook Kong Construction Limited	The works covered by the Contract 3403 comprise the construction of a new Integrated Airport Centre (IAC) and a number of ancillary facilities and Additions and Alteration (A&A) works for converting the existing IAC into a back-up IAC, including without limitation the following: • Site clearance and demolition; • Building structure and envelope; • Building Services and Airport Systems; and • Utilities division and installations.
3404	Integrated Airport Control System	Shun Hing Systems Integration Co., Ltd.	The works covered by the Contract 3404 comprise the design, supply, manufacture, delivery, installation, testing and commissioning of Integrated Airport Control System and conversion of the existing Integrated Airport Centre (IAC) into a Back-up IAC for the operation of interim Two-Runway System and Three-Runway System. The major construction activities include without limitation the following: • Cabling works • System configuration and programming works; • Set up Control and Communication system; • Decommissioning works; and • All associated testing and commissioning works.

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3405	Third Runway Concourse Foundation and Substructure Works	China Road and Bridge Corporation - Bachy Soletanche Group Limited - LT Sambo Co., Ltd. Joint Venture	The works covered by the Contract 3405 comprise without limitation the following: • Piled foundation works; • Basement and tunnel structure works; • Associated internal reinforced concrete structures; • Backfilling and compaction of works area; and • Associated testing and temporary works.
3408	Third Runway Concourse and Apron Works	Beijing Urban Construction Group Company Limited and Chevalier (Construction) Company Limited Joint Venture	The works covered by the Contract 3408 comprise the design and construction of the Third Runway Concourse (TRC), the TRC Apron, two cross-field taxiways, Ancillary Buildings, specific section of the Eastern Vehicular Tunnel (EVT), and the associated infrastructure, testing, and commissioning works.
3508	Terminal 2 Expansion Works	Gammon Engineering and Construction Co., Ltd	The works covered by the Contract 3508 comprise the construction of T2, North Annex Building (NAB) and South Annex Building (SAB) with interconnecting bridges, landside transport infrastructure including viaducts and at grade roads, underground utility services, one sewage pumping station with the associated electrical building, footbridges, external works and modification works to existing facilities. The major construction activities include without limitation the following: • Superstructure, interior landscaping, building services and airport system of T2, NAB, SAB and associated footbridges; • Additions and Alteration (A&A) works of the existing Airport World Trade Centre (AWTC); • Modification of the existing APM and BHS tunnels; • External works and road networks around T2; and • Utilities.
3601	New Automated People Mover System (TRC Line)	CRRP Puzhen Bombardier Transportation Systems Limited and CRRP Nanjing Puzhen Co., Ltd. Joint Venture	The works covered by the Contract 3601 comprise the initial phase of the Automated People Mover (APM) system connecting the Third Runway Concourse (TRC) and the APM Interchange Station in the modified T2, and extension of the new APM system into the new APM Depot east of T2. The major construction activities include without limitation the following: • New 3-guideway APM system between TRC and T2;

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			• Extension of the TRC Line into the new APM Depot; • APM associated sub-systems (communications, signalling, etc.) • Associated civil works; and • All associated testing, commissioning works.
3602	Existing APM System Modification Works	Niigata Transys Co., Ltd.	The works covered by the Contract 3602 comprise the detailed design, supply, manufacture, fabrication, implementation, testing and commissioning of the following modification works of the existing APM systems: • Modification of existing APM depot and APM cars; • Modification of existing T1 & T2 tunnels; and • Preparation of new APM depot.
3603	3RS Baggage Handling System	Vanderlande Industries Hong Kong Limited and Shun Hing Systems Integration Company Limited	The works covered by the Contract 3603 comprise the design, supply, manufacture, delivery, installation, testing and commissioning of the high-speed baggage handling system.
3723	Eastern Support Area – Construction Support Facilities	Tapbo Construction Company Limited and Konwo Modular House Ltd. Joint Venture	The works covered by the Contract 3723 comprise the design and construction of support facilities, including site office, sewage treatment facility, canteen, and centralised power supply building. The major construction activities include without limitation the following: • Construction of support facilities; • Foundation, structural and superstructure works; • Sewage pipe network and connection works; and • Building services works.
3728	Minor Site Works	Shun Yuen Construction Company Limited	The works to be executed by the Contract 3728 comprise minor works within the Airside and Landside areas of the existing airport island to support the Project.
3733	Emergency Repair Service	Wing Hing Construction Co., Ltd.	The works to be executed by the Contract 3733 comprise the provision of emergency repair service for Three Runway System (3RS) Project construction. The major construction activities include without limitation the following: • Construction of support facilities; • Building services works;

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			• Security fencing and hoarding; and • Ground pavement works.
3801	APM and BHS Tunnels on Existing Airport Island	China State Construction Engineering (Hong Kong) Limited	The works covered by the Contract 3801 comprise the construction of the APM and Baggage Handling System (BHS) tunnels on existing airport island. The major construction activities include without limitation the following: • Construction of APM and BHS tunnels; • Construction of ventilation building and associated infrastructure; and • Construction, testing and commissioning of sewerage pumping station; and • Civil and structural engineering works.
3802	APM and BHS Tunnels and Related Works	Gammon Construction Limited	The works covered by the Contract 3802 comprise the construction of the APM and BHS tunnels on existing airport island. The major construction activities include without limitation the following: • Construction of APM/ BHS Tunnels; • Construction of ancillary buildings/ facilities; • Building services and airport systems; • Infrastructure Works; • Underground utilities and services; and • All associated testing and commissioning works.
3804	East and Landside Fire Stations	Beijing Urban Construction Group Construction Limited - Beijing Urban Construction International Construction Limited - Kin Shing (Leung's) General Contractors Ltd Joint Venture	The works covered by the Contract 3804 comprise the construction of the East Fire Station (EFS) and Landside Fire Station (LFS), which are three-storey and four storey facilities for supporting firefighting and emergency rescue services at the airport. The major construction activities include without limitation the following: • Construction of EFS and LFS; • Building services and airport systems; • Handling, treatment and reuse of the marine deposit, contaminated mud and treated soil; • All associated testing and commissioning works.
3805	New Airport District Police	Chinney Construction Co., Ltd.	The works covered by the Contract 3805 comprise the construction of the New Airport District Police Operational Base (NPOB), which is a seven-storey high building for provision of operational facilities such as a forward holding

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	Operational Base		area and dog kennel for counter terrorism related units, training facilities such as a firing range and a tactics training centre and offices, facilities for district operation and ancillary facilities. The major construction activities include without limitation the following: • Piled foundation works; • Handling, treatment and reuse of the marine deposit, contaminated mud and treated soil; • Associated testing and commissioning works; and • Associated temporary works.
3901A	Concrete Batching Facility	K. Wah Concrete Company Limited	The works covered by the Contract 3901A comprise the establishment, operation and maintenance of a concrete batching facility at the Project Site and the supply of concrete products. The major construction activities include without limitation the following: • Supply of all equipment for the installation of the Facility to the Site; and • Supply of all raw materials required for the production of ready mixed concrete products and the continual operation of the Facility.
3901B	Concrete Batching Facility	Gammon Construction Limited	The works covered by the Contract 3901B comprise the establishment, operation and maintenance of a concrete batching facility at the Project Site and the supply of concrete products. The major construction activities include without limitation the following: • Supply of all equipment for the installation of Facility to the Site; and • Supply of all raw materials required for the production of ready mixed concrete products and the continual operation of the Facility.
3913	Asphalt Batching Plant	Sinohydro Corporation Limited, Powerchina Airport Construction Company Limited, and Rock-One Engineering Company Limited Joint Venture	The works covered by the Contract 3913 comprise the takeover of existing asphalt batching facilities at the Western Support Area, the provision of all other associated facilities, plant and equipment such as bitumen and polymer modified binder blending units (collectively called the Facility) and the operation and maintenance of the Facility. The major construction activities include without limitation the following: • Supply of licenced products required for asphalt pavement work; • Decommissioning and returning works; and • All associated testing and commissioning works.

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C24W08	Sewerage Upgrading Works	Penta-Ocean Construction Co. Ltd	The works covered by Contract C24W08 comprise the construction of a new gravity sewer with a diameter of at least 1,200 mm adjacent to the existing 1,050 mm diameter gravity sewer, enabling the diversion of sewage flow from the airport to the Siu Ho Wan Sewage Treatment Works.