


Appendix A. Construction Programme and Contract Description

Line	Name	2016	2017	2018	2019	2020	2021	2022	2023	2024	
	Advanced Works										
1	Aviation Fuel Pipeline Diversion	1									
2	Power Cable Diversion		2								
3	Land Formation										
4	Mobilization	4									
5	Sand Blanket Laying		5								
6	Ground Improvement Works		6								
7	Construction of Seawall		7								
8	Marine Filling			8							
9	Land Filling			9							
10	Surcharge			10							
11	Works After Closure of Existing North Runway							11			
12	North Runway (New)				12						
13	Centre Runway Modification		13								
14	TRC/ Apron					14					
15	T2 Expansion (Advance Works)		15								
16	T2 Expansion (Main Works)				16						
17	Underground Tunnel (APM/ BHS)		17								
18	APM System			18							
19	BHS						19				
20	Operation Trials									20	
Programme No.	3-AAP-EPP-0-A0	3RS Phasing Programme								 香港 HONG KONG 國際機場 INTERNATIONAL AIRPORT	
Revision/Date	'A'/(12-Jul-16)										
Prepared	VT										
Checked	PY										

Contract Description

Contract No.	Contract Title	Contractor	Key Construction Activities
P560 (R)	Aviation Fuel Pipeline Diversion Works	Langfang Huayuan Mechanical and Electrical Engineering Co., Ltd.	Diversion of the existing submarine aviation fuel pipelines will use a horizontal directional drilling (HDD) method forming two rock drill holes by drilling through bedrock from a launching site located at the west of the airport island to a daylighting point adjacent to the offshore receiving platform at Sha Chau. Two new pipelines will be installed through the drilled tunnels. The total length is approximately 5 km. Drilling works will proceed from the HDD launching site at the airport island.
3201	Deep Cement Mixing (Package 1)	Penta-Ocean-China State-Dong-Ah Joint Venture	<p>The works covered by the Contract 3201, 3202, 3203 and 3204 comprise ground improvement of seabed using Deep Cement Mixing (DCM) method, the major construction activities including without limitation the following</p> <ul style="list-style-type: none"> • Geophysical surveys; • Supply and placing of geotextile and sand blanket under seawalls; • Supply, maintenance, installation and removal of silt curtain systems; • Preliminary construction trails; • Supply and installation of DCM clusters within the works areas; and • Coring, sampling and testing of DCM treated soils and reporting works.
3202	Deep Cement Mixing (Package 2)	Samsung-BuildKing Joint Venture	
3203	Deep Cement Mixing (Package 3)	Sambo E&C Co.,Ltd	
3204	Deep Cement Mixing (Package 4)	CRBC-SAMBO Joint Venture	
3205	Deep Cement Mixing (Package 5)	Bachy Soletanche- Sambo Joint Venture	
3206	Reclamation Contract	ZHEC-CCCC-CDC Joint Venture	<p>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</p> <ul style="list-style-type: none"> • Site clearance and demolition; • Geotechnical and ground improvement works; • Seawall construction; • Marine and land filling works; and • Civil works.

3213	CLP Cable Diversion Enabling Works	Wing Hing Construction Company	<p>CLP cable diversion enabling works of Sha Chau South, Sheung Sha Chau and Lung Kwu Chau at Hong Kong International Airport Landside. The major construction activities including without limitation the following:</p> <ul style="list-style-type: none">• Geotechnical instrumentation and monitoring of the Works;• Temporary removal of armour rock and underlayers of existing seawall and subsequent reinstatement to its original condition;• Construction of the concrete cable trough embedded at about 3m below the surface of the existing seawall; and• Supply, installation, maintenance, and subsequent removal of temporary generator sets for temporary power supply with associated fuel supply and pump system located at Sheung Sha Chau, Sha Chau South and Lung Kwu Chau Islands.
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