

Appendix A. Construction Programme and Contract Description

Line	Name		2016 2017						2018				2019				2020				2021			2022			202	23			
	Advanced Works			1	!		ļ														ļ			!	!			ļ			ļ
1	Aviation Fuel Pipeline Diversion	1	××××		<u>.</u>						~										+	-	+	┼─	┼─	-				+	+
	Power Cable Diversion	_		-	2					-	_	-		-							+		+	1	1					-	÷
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3	Land Formation			+	+																		+	+	1	pres	sente	ed in	FIA	ne A sta	ae.
4	Sand Blanket Laying	4							•.•.•												1							date			90,
5	Ground Improvement Works		5						• • • • • •			•.•.•											i D			com	plet	ion c	of FS	SRO	
6	Construction of Seawall			6					•.•.•																			proc			
7	Marine Filling			1	7																		1			deta	ailed	desi	ign v	work	. 1
8	Land Filling			1	1	8															1		1	1							1
9	Surcharge			i	i		9																i							i	i
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10	Third Runway / Taxiway			<u> </u>	<u> </u>																		<u> </u>	<u> </u>						i	i
11	Drainage / Utilities											11																			
12	2 Pavement			i	<u>i</u>	Ĺ		i				l I		12	·····	·.·							i	i	<u>i</u>		Ĺ			i	i
13	System & T&C			-	-	-				 								13						-	-						
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	Third Runway Concourse (TRC)	+	-	-	-	-	$ \downarrow$					-		-									+	-	-	_	\vdash				-
15	Piling	+	-	<u>i</u>	<u> </u>	<u> </u>	Ļ	į		<u> </u>			Ļ				15						<u> </u>	<u> </u>	<u> </u>	-	Ļ	Ļļ	$ \rightarrow$	ļ	ļ
16	APM/ BHS Sub-structure	+	-	-	-		\vdash			-		-	\vdash	-			\vdash		16							_	\vdash				-
17	Super-structure	+	-	<u> </u>	<u> </u>	<u> </u>	Ļį	i					Ļ				Ļ				17									j	ļ
18	ABWF, E&M & Airport System T&C	+	-	-	-	-				-		-	\vdash				\vdash			18				1							
19	T&C			<u> </u>	<u> </u>	<u> </u>		_														_	+	-	-	-	19				
	Aprop 8 Taxiway			-	-	-				-		-	\vdash				\vdash			\vdash	+	+	-	-	-	-	H		-+	+	+
20 21	Apron & Taxiway Drainage / Utilities			<u> </u>	1	1	ļ																		1	-	Ļ				
21 22	Pavement		-	-	-	-	\dashv			-		-	\vdash	21							22				-					+	+
22	Road & Security Fencing		-	-	-	<u> </u>		_													22			23	,	1					
23	System & T&C	_	-	÷	<u>+</u>	-		-	_	-		-		-	-	_	-			\vdash		-	+	23	3	1				_	-
24	System & rac	_	-	<u> </u>	<u> </u>					 													1 4	* <u>• • •</u>		1					-+
25	Ancillary Buildings	-		÷	i –	<u> </u>	1	-		<u> </u>		-	i	-							+	-	÷	÷	÷		i			÷	÷
25 26	ATC ATC	+	-	+	+	<u> </u>				26													+	+	+	-	\vdash		+		+
20	Fire Station	+		i –	i –	i—		-		20											-	-	÷	i-	i-	-	H	-	+	÷	÷
27			-	-	-	<u> </u>							28																\rightarrow		+
29	East Support Area - Ancillary Buildings	_		i-	i –	i—	- i	-i		<u> </u>		<u> </u>			29															÷	÷
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30	Advanced Works for T2 Expansion	on 3	0																		÷	+	÷	†	÷		H			÷	÷
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	T2 Expansion			1	1	1	1			-		-		-							1		1	1	1					1	1
31	Piling & D-wall			ł	i			31													1		ł	ŀ	ŀ						
32	AIS/ BHS Sub-structure			1	1	1						32											+	1	1						
33	Superstructure (External)			i	i	i	i				33													i	i -					t	-i
34	Existing Structure Modification			1	1	1									34																
35	ABWF & E&M Works			i	1	1	i								35																
36	T&C			1		<u> </u>																	+				36				
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37	At-Grade & Elevated Road Works						37																								
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38	Existing Runway Modification																														
39	Enabling Works (Temp Taxiway)			1	39	·····																.:.	1				Ľ	Ĺ		ĺ	ļ
40	Pavement																					4	0								
41	System & T&C			1			Í	ĺ													ļ				4	1				• • • •	ļ
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	APM Depot	+	-	<u> </u>	4	2					•••••								•••••				1	<u> </u>	<u> </u>	_			$ \square$		
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44			-	<u>i</u>	<u>i</u>	Í				<u> </u>		<u> </u>	Ļ	44																_	_
45	45 APM / BHS System & T&C		-	-	-	<u> </u>	$ \downarrow$			 			\square						45				1	1							
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\square	Vehicular Tunnel		-	-	-																	_	+	-	-	_	\vdash		$ \rightarrow$		-
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48	48 Existing North Runway Area		-	į	<u>i</u>	i	H	_		<u> </u>	_	<u> </u>	H	<u> </u>						\vdash		4	8								-i
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	ision/Date C'/ 20-Oct-15	1								3F	S P	hasi	ing F	Prog	ramı	me											1	-	h		
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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.

Line				20)15			2016					2017				
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1	Site Pre	paration										 	 				
2	Drilling	(HDD)															
3	Fuel Pip																
4	4 Fuel Pipe Installation (Sha Chau & Aviation Fuel Receiving Facility)																
5	Testing																
6	6 Works Completion														<	\diamond	
Refe	rence EM0	001	THREE RUNWAY	SYST	ЕМ									2	2		
Date	31-A	Aug-15	Aviation Fuel Pipeline Diversion Works Construction Programme										香港 HONG KON 國際機場 AIRPORT				