

CONSTRUCTION SCHEDULE

Leighton - Chun Wo Joint Venture

	2018		
TASK DESCRIPTION	Oct	Nov	Dec
Remaining Work			
Maintenance Work upon request			

Updated in November 2018

Contract No.: HY/2013/06		Detail Work Programme										Page 1 of 8																											
Activity ID		Activity Name										2015			2016				2017				2018				2019												
												Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3										
📁 Hong Kong-Zhuhai_Macao Bridge Hong Kong Boundary Crossing F																																							
📅 Key Dates																																							
📅 Interface Activities																																							
📅 Site and Facility Inspection																																							
📄 JS1200	Pre Site and Facility Inspection by Contractor at Location 4 - Deg2																																						
📄 JS1210	Joint Site and Facility Inspection with Interface Contractor at Location 4 - Deg2																																						
📄 JS1620	Pre Site and Facility Inspection by Contractor at Location 14 - Deg2																																						
📄 JS1630	Joint Site and Facility Inspection with Interface Contractor at Location 14 - Deg2																																						
📄 JS1760	Pre Site and Facility Inspection by Contractor at Location 18 - Deg1																																						
📄 JS1770	Joint Site and Facility Inspection with Interface Contractor at Location 18 - Deg1																																						
📄 JS1780	Pre Site and Facility Inspection by Contractor at Location 18 - Deg2																																						
📄 JS1790	Joint Site and Facility Inspection with Interface Contractor at Location 18 - Deg2																																						
📅 Access Dates																																							
📄 AD1000	Location 1(PCB (001) Basement)-Deg1 (270d)																																						
📄 AD1010	Location 1(PCB (001) Basement)-Deg2 (380d)																																						
📄 AD1020	Location 1(PCB (001) ELV Room (Grid Line E3))-Deg1 (270d)																																						
📄 AD1030	Location 1(PCB (001) ELV Room (Grid Line E3))-Deg2 (380d)																																						
📄 AD1040	Location 2(PCB (001) First Floor Main Server Room)-Deg1 (330d)																																						
📄 AD1050	Location 2(PCB (001) First Floor Main Server Room)-Deg2 (380d)																																						
📄 AD1060	Location 2(PCB (001) First Floor Main Server Room) - For Server Installation - Deg2 (330d)																																						
📄 AD1070	Location 2(PCB (001) Ground Floor ELV Room (Grid Line E3)) - Deg1 (330d)																																						
📄 AD1080	Location 2(PCB (001) Ground Floor DOH Port Health Control Room (Grid Line BD5)) - Deg1 (330d)																																						
📄 AD1090	Location 2(PCB (001) Ground Floor DOH Port Health Control Room (Grid Line BD5)) - Deg2 (380d)																																						
📄 AD1130	Location 3(Inbd Cargo Exam Bldg (037) Platform Control Room)-Deg2 (500d)																																						
📄 AD1150	Location 3(Inbd Cargo Exam Bldg (037) Inspector Offices 128,129,130,131,128,129,140)-Deg2 (500d)																																						
📄 AD1170	Location 3a(Inbd Cargo Exam Bldg (037) ROCARS Room)-Deg2 (480d)																																						
📄 AD1190	Location 3a(Inbd Cargo Exam Bldg (037) Main Server Room)-Deg2 (480d)																																						
📄 AD1200	Location 3a(Inbd Cargo Exam Bldg (037) Main Server Room) - For Server installation - Deg2 (480d)																																						
📄 AD1220	Location 4(Outbd Cargo Exam Bldg (023))-Deg2 (680d)																																						
📄 AD1240	Location 4a(Outbd Cargo Exam Bldg (023))-Deg2 (630d)																																						
📄 AD1270	Location 6(Common Utility Enclosure & Staff Subway)-Deg1 (400d)																																						
📄 AD1290	Location 7(Common Utility Enclosure & Staff Subway)-Deg1 (270d)																																						
📄 AD1300	Location 8(Inbd Private Car Annex (025))-Deg1 (430d)																																						
📄 AD1310	Location 8(Inbd Private Car Annex (025))-Deg2 (580d)																																						
📄 AD1320	Location 8(Inbd Private Car Annex (025) Canopy)-Deg1 (430d)																																						
📄 AD1330	Location 8(Inbd Private Car Annex (025) Canopy)-Deg2 (580d)																																						
📄 AD1340	Location 9(Outbd Private Car Annex (032))-Deg1 (520d)																																						
📄 AD1350	Location 9(Outbd Private Car Annex (032))-Deg2 (660d)																																						
📄 AD1360	Location 9(Outbd Private Car Annex (032) Canopy)-Deg1 (520d)																																						
📄 AD1370	Location 9(Outbd Private Car Annex (032) Canopy)-Deg2 (660d)																																						
📄 AD1501	Location 12(Inbd Private Car Kiosks(027))-Deg1 (400d) Phase 2																																						
📄 AD1510	Location 12(Inbd Private Car Kiosks(027))-Deg2 (480d) Phase 1																																						
📄 AD1511	Location 12(Inbd Private Car Kiosks(027))-Deg2 (480d) Phase 2																																						
📄 AD1521	Location 12(Inbd Private Car Kiosks(027) Canopy)-Deg1 (400d) Phase 2																																						
Programme No.: HZMB-DWP												Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities - Automatic Vehicle Clearance Support System (AVCSS)										Date		Revision		Checked		Approved											
Data Date: 14-Aug-15																						14-Nov-16		Rev.: 0		WC		LC											
																						10-Mar-17		Rev.: 1.0a		WC		LC											
																						5-May-17		Rev.: 1.0b		WC		LC											

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Activity ID		Activity Name			
Detailed Design Specification Contruction Design and Management Supply/Manufacture Mock-up items Supply/Manufacture prototypes Software Design, Coding and Testing Coding Software System Inetgration Prototype & Software Simulation Tests Procurement - Phase 1 / Section I Supply/Manufacture products for FAT Factory Acceptance Test (FAT) Supply/Manufacture Equipment Delivery and Bench Acceptance Test for Phase 1/ Section I Installation - Phase 1 / Section I Location 1(PCB (001) Basement) EM1920 L1(001)B/F - Cable Laying and termination at Location 1 and Location 2 Location 1(PCB (001) ELV Room (Grid Line E3)) EM1940 L1(001)ELV Rm - Cable Laying and termination at Location 1 and Location 2 Location 2(PCB (001) Ground Floor ELV Room (Grid Line E3)) EM1960 L2(001)ELV Rm - Cable Laying and termination at Location 1 and Location 2 Location 2(PCB (001) Ground Floor DOH Port Health Control Room (Grid Line BD5)) EM1080 L2(001)Heath Ctrl Rm - Cable Laying and termination at Location 1 and Location 2 EM1100 L2(001)Heath Ctrl Rm - Cable Splicing and Testing and Labeling EM1120 L2(001)Health Ctrl Rm - Intercom and PA system Installation EM1140 L2(001)Heath Ctrl Rm - Intercom and PA system tuning Location 2(PCB (001) First Floor Main Server Room) EM1000 L2(001>Main Server Rm - Cable Laying and termination at Location 1 and Location 2 EM1020 L2(001>Main Server Rm - Cable Splicing and Testing and Labeling EM1040 L2(001>Main Server Rm - AVCSS Network and Server Installation EM1060 L2(001>Main Server Rm - AVCSS Network and Server Tuning Location 3(Inbd Cargo Exam Bldg (037) MDF Room) Location 3(Inbd Cargo Exam Bldg (037) ELV Room) Location 3(Inbd Cargo Exam Bldg (037) Inspector Offices 128,129,130,131,128,129,141 EM2020 L3(037)Inspec Offices - Cable Laying and termination in Location 3 and Location 3a EM2040 L3(037)Inspec Offices - Cable Splicing and Testing and Labeling EM2060 L3(037)Inspec Offices - AVCSS SURCON WS and 55" LCD Installation EM2080 L3(037)Inspec Offices - VTS WS Installation EM2100 L3(037)Inspec Offices - SURCON and WS Tuning Location 3(Inbd Cargo Exam Bldg (037) Platform Control Room) EM1160 L3(037)PLF Ctrl Rm - Cable Laying and termination in Location 3 and Location 3a EM1180 L3(037)PLF Ctrl Rm - Cable Splicing and Testing and Labeling EM1200 L3(037)PLF Ctrl Rm - AVCSS SYSCON WS and 55" TV Wall Installation EM1220 L3(037)PLF Ctrl Rm - AVCSS SYSCON WS Tuning					
Programme No.: HZMB-DWP Data Date: 14-Aug-15		Actual Level of Effort Primary Baseline Actual Work Remaining Work Critical Remaining Work Baseline Milestone Milestone		Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities - Automatic Vehicle Clearance Support System (AVCSS)	
Date		Revision		Checked	
14-Nov-16		Rev.: 0		WC	
10-Mar-17		Rev.: 1.0a		LC	
5-May-17		Rev.: 1.0b		WC	

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Activity ID	Activity Name		2015			2016				2017				2018				2019							
			Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3					
		Location 3a(Inbnd Cargo Exam Bldg (037) ROCARS Room)															07-Aug-17, Location 3a(Inbnd Cargo Exam Bldg (037) ROCARS Room)								
		EM1240	L3a(037) ROCARS Rm - Cable Laying and termination in Location 3 and Location 3a														L3a(037) ROCARS Rm - Cable Laying and termination in Location 3 and Location 3a								
		EM1260	L3a(037) ROCARS Rm - Cable Splicing and Testing and Labeling														L3a(037) ROCARS Rm - Cable Splicing and Testing and Labeling								
		EM1280	L3a(037) ROCARS Rm - AVCSS SYSCON and SURCON and Intercom Installation														L3a(037) ROCARS Rm - AVCSS SYSCON and SURCON and Intercom Installation								
		EM1300	L3a(037) ROCARS Rm - VTS WS Installation														L3a(037) ROCARS Rm - VTS WS Installation								
		EM1320	L3a(037) ROCARS Rm - VID WS Installation														L3a(037) ROCARS Rm - VID WS Installation								
		EM1340	L3a(037) ROCARS Rm - SURCON and SYSCON and WS Tuning														L3a(037) ROCARS Rm - SURCON and SYSCON and WS Tuning								
		Location 3a(Inbnd Cargo Exam Bldg (037) Main Server Room)															07-Aug-17, Location 3a(Inbnd Cargo Exam Bldg (037) Main Server Room)								
		EM2120	L3a(037)Main Server Rm - Cable Laying and termination in Location 3 and Location 3a														L3a(037)Main Server Rm - Cable Laying and termination in Location 3 and Location 3a								
		EM2140	L3a(037)Main Server Rm - Cable Splicing and Testing and Labeling														L3a(037)Main Server Rm - Cable Splicing and Testing and Labeling								
		EM2160	L3a(037)Main Server Rm - AVCSS Server Installation														L3a(037)Main Server Rm - AVCSS Server Installation								
		EM2180	L3a(037)Main Server Rm - VTS Server Installation														L3a(037)Main Server Rm - VTS Server Installation								
		EM2200	L3a(037)Main Server Rm - Servers Tuning														L3a(037)Main Server Rm - Servers Tuning								
		Location 4(Outbnd Cargo Exam Bldg (023) MDF Room)																							
		Location 4a(Outbnd Cargo Exam Bldg (023) ROCARS Room)															04-Aug-17, Location 4a(Outbnd Cargo Exam Bldg (023) ROCARS Room)								
		EM2240	L4a(023)ROCARS Rm - Cable Splicing and Testing and Labeling														L4a(023)ROCARS Rm - Cable Splicing and Testing and Labeling								
		EM2260	L4a(023)ROCARS Rm - AVCSS SYSCON and SURCON and Intercom Installation														L4a(023)ROCARS Rm - AVCSS SYSCON and SURCON and Intercom Installation								
		EM2280	L4a(023)ROCARS Rm - VTS WS Installation														L4a(023)ROCARS Rm - VTS WS Installation								
		EM2300	L4a(023)ROCARS Rm - SYSCON and SURCON and WS Tuning														L4a(023)ROCARS Rm - SYSCON and SURCON and WS Tuning								
		Location 5(Common Utility Enclosure & Staff Subway)															01-Sep-17, Location 5(Common Utility Enclosure & Staff Subway)								
		EM2341	L5(CUE) - Cable Laying between Location 5 and Location 6														L5(CUE) - Cable Laying between Location 5 and Location 6								
		EM2361	L5(CUE) - Cable Laying between Location 5 and Location 7														L5(CUE) - Cable Laying between Location 5 and Location 7								
		EM2380	L5(CUE) - Cable Splicing and Testing and Labeling														L5(CUE) - Cable Splicing and Testing and Labeling								
		Location 6(Common Utility Enclosure & Staff Subway)															26-Aug-17, Location 6(Common Utility Enclosure & Staff Subway)								
		EM2400	L6(CUE) - Cable Laying between Location 5 and Location 6														L6(CUE) - Cable Laying between Location 5 and Location 6								
		EM2420	L6(CUE) - Cable Splicing and Testing and Labeling														L6(CUE) - Cable Splicing and Testing and Labeling								
		Location 7(Common Utility Enclosure & Staff Subway)															01-Sep-17, Location 7(Common Utility Enclosure & Staff Subway)								
		EM2440	L7(CUE) - Cable Laying between Location 5 and Location 7														L7(CUE) - Cable Laying between Location 5 and Location 7								
		EM2460	L7(CUE) - Cable Splicing and Testing and Labeling														L7(CUE) - Cable Splicing and Testing and Labeling								
		Location 12(Inbnd Private Car Kiosks,GV Kiosks (027,028,029))															30-Aug-17, Location 12(Inbnd Private Car Kiosks,GV Kiosks (027,028,029))								
		Inbnd Private Car Kiosks(027) - 9 nos (Phase 1)															24-Aug-17, Inbnd Private Car Kiosks(027) - 9 nos (Phase 1)								
		EM1500	L12(027)(9nos P1) - Cable Splicing and Testing and Labeling														L12(027)(9nos P1) - Cable Splicing and Testing and Labeling								
		EM1520	L12(027)(9nos P1) - AVCSS/MOM Kiosk Equipment Installation (9 nos)														L12(027)(9nos P1) - AVCSS/MOM Kiosk Equipment Installation (9 nos)								
		EM1541	L12(027)(9nos P1) - XDB installation (18 nos)														L12(027)(9nos P1) - XDB installation (18 nos)								
		EM1542	L12(027)(9nos P1) - ODB installation (5 nos)														L12(027)(9nos P1) - ODB installation (5 nos)								
		EM1543	L12(027)(9nos P1) - ODB installation (2 nos)														L12(027)(9nos P1) - ODB installation (2 nos)								
		EM1544	L12(027)(9nos P1) - ODB installation (2 nos)														L12(027)(9nos P1) - ODB installation (2 nos)								
		EM1560	L12(027)(9nos P1) - Loop installation (45 nos)														L12(027)(9nos P1) - Loop installation (45 nos)								
		Inbnd Goods Vehicle Kiosks(028) - 5 nos (Phase 1)															30-Aug-17, Inbnd Goods Vehicle Kiosks(028) - 5 nos (Phase 1)								
		EM1620	L12(028)(5nos P1) - Cable Laying and termination														L12(028)(5nos P1) - Cable Laying and termination								
		EM1640	L12(028)(5nos P1) - Cable Splicing and Testing and Labeling														L12(028)(5nos P1) - Cable Splicing and Testing and Labeling								
		EM1660	L12(028)(5nos P1) - AVCSS/MOM Kiosk Equipment Installation (5 nos)														L12(028)(5nos P1) - AVCSS/MOM Kiosk Equipment Installation (5 nos)								
		EM1681	L12(028)(5nos P1) - XDB installation (10 nos)														L12(028)(5nos P1) - XDB installation (10 nos)								
		EM1682	L12(028)(5nos P1) - ODB installation (3 nos)														L12(028)(5nos P1) - ODB installation (3 nos)								
		EM1683	L12(028)(5nos P1) - ODB installation (2 nos)														L12(028)(5nos P1) - ODB installation (2 nos)								
Programme No.: HZMB-DWP				 Actual Level of Effort		 summary		Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities - Automatic Vehicle Clearance Support System (AVCSS)										Date		Revision		Checked		Approved	
Data Date: 14-Aug-15				 Primary Baseline														14-Nov-16		Rev.: 0		WC		LC	
				 Actual Work														10-Mar-17		Rev.: 1.0a		WC		LC	
				 Remaining Work														5-May-17		Rev.: 1.0b		WC		LC	
				 Critical Remaining Work																					
				 Baseline Milestone																					
				 Milestone																					

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Activity ID		Activity Name					
		Outbd Vehicle Clearance Plaza - 8 nos VID, 6 nos VTS, 4 nos TLS					
		EM3160 Outbound VID cabling from pillar box to VID field equipment					
		EM3180 Outbound VTS cabling from pillar box to VTS field equipment					
		EM3200 Outbound TLS cabling from pillar box to TLS field equipment					
		EM3220 Outbound VID field equipment installation (8 VID)					
		EM3240 Outbound VTS field equipment installation (3 RFID + 3 Cameras)					
		EM3260 Outbound TLS field equipment installation (4 TLS)					
		EM3280 Outbound VID and VTS and TLS field equipment tuning					
		Underground Ducting (UUD1.1) between CUE and Inbd Cargo Exam Bldg (037)					
		UD1000 (UUD1.1 [CUE-037]) - Cable laying and termination					
		(UUD1.2) between Inbd Cargo Exam Bldg South (037[S]) and DOH Cargo Clearance Bl					
		UD1060 (UUD1.2 [037[S]-043]) - Cable laying and termination					
		Underground Ducting (UUD6) between CUE and Shuttle Bus Kiosk (006) and Inbd Priv					
		(UUD9.1) btw IB Cargo Exam Bldg South(037[S]) & IB PC Exam Bldg(033) & IB Traffic					
		UD1040 (UUD9.1 [037[S]-033-100] - Cable laying and termination					
		(UUD2) between Inbd Cargo Exam Bldg North (037[N]) to Inbd VCP					
		UD1010 (UUD2 [037[N]-IB VCP]) - Cable laying and termination					
		(UUD9.3) between Inbd Private Car Exam Bldg (033) and Inbd Vehicle Clearance Plaza					
		UD1070 (UUD9.3 [033-IB VCP[W]] - Cable laying and termination					
		(UUD9.2) between Inbd Private Car Exam Bldg (033) and Inbd Vehicle Clearance Plaza					
		UD1020 (UUD9.2 [033-IB VCP[E]] - Cable laying and termination					
		Underground Ducting (UUD7) between PCB(001) and Inbd Coach Kiosks(010)					
		Underground Ducting (UUD3.1) between CUE and Outbd Cargo Exam Bldg (023)					
		UD1030 (UUD3.1 [CUE-023]) - Cable laying and termination					
		(UUD3.2) btw OB Car Exam Bldg(023) & OB PC Exam Bldg(024) & OB Traffic Control I					
		UD1050 (UUD3.2 [023-024-101]) - Cable laying and termination					
		Underground Ducting (UUD8) between CUE and Outbd PCA (032)					
		UD1100 (UUD8 [CUE-032]) - Cable laying and termination					
		(UUD4.1) between Outbd PC Exam Bldg (024) and Outbd Vehicle Clearance Plaza					
		UD1080 (UUD4.1 [024-OB VCP]) - Cable laying and termination					
		(UUD5) between Outbd Car Exam Bldg (023[S]) and Outbd Vehicle Clearance Plaza					
		UD1090 (UUD5 [023[S]-OB VCP]) - Cable laying and termination					
		Initial On-Site Test and Commissioning / Pre-SAT (Phase 1 / Section I)					
		Site Acceptance Test (Phase 1 / Section I)					
		Security Risk Assessment and Audit					
		Operability Period Test (Phase 1 / Section I)					
		Completion (Phase 1 /Section I)					
		Training and Document (Phase 1 /Section I)					
		Operation (Phase 1 /Section I)					
		Engineering Support for Phase 1 / Section I					
		Procurement - Phase 2 / Section II					
		Delivery and Bench Acceptance Test for Phase 2/Section II					
		Installation - Phase 2 / Section II					
Programme No.: HZMB-DWP Data Date: 14-Aug-15		Actual Level of Effort Primary Baseline Actual Work Remaining Work Critical Remaining Work Baseline Milestone Milestone summary		Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities - Automatic Vehicle Clearance Support System (AVCSS)			
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							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3

Contract No.: HY/2013/06		Detail Work Programme										Page 8 of 8										
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			Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3		
	Site Acceptance Test (Phase 2 / Section III)																					
	Operability Period Test (Phase 2 / Section III)																					
	Completion (Phase 2 / Section III)																					
	Operation (Phase 2 / Section III)																					
	Defect Liability Period (DLP)																					
	Document Submission (Phase 2 / Section III)																					
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