

MATERIALAB CONSULTANTS LIMITED

Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent, Kwai Fong,
Hong Kong.

Tel : (852)-24508238
Fax : (852)-24508032
Email : mcl@fugro.com

The logo for MaterialLab, featuring the word "MaterialLab" in a bold, sans-serif font. The text is centered between two thick, horizontal black bars.

Report No.: 0165/15/ED/0921

Appendix C

Construction Programme

Activity ID		Activity Name		2017				
		Jun	Jul	Aug	Sep	Oct		
HKBCF - VCP & Ancillary Buildings and Facilities, DWP04 (+ DRMS 2), UD								
CONTRACT DATES								
Key Dates								
A1020	KD2 Achievement of Stage 2 of the Works (460 days; 12 Jul. 16)	◆ KD2 Achievement of Stage 2 of the Works (460 days; 12 Jul. 16)						
A1110	KD11 Achievement of Stage 10 of the Works (730 days; 08 Apr. 17)					◆ KD11 A		
A1160	KD16 Achievement of Stage 15 of the Works (548 days; 08 Oct. 16)			◆ KD16 Achievement of Stage 15 of the Works (548 days; 08 Oct. 16)				
A1170	KD17 Achievement of Stage 16 of the Works (548 days; 08 Oct. 16)			◆ KD17 Achievement of Stage 16 of the Works (548 days; 08 Oct. 16)				
A1180C	KD18C Achievement of Stage 20 of the Works (670 days; 07 Feb. 17)				◆ KD18C Achievement of Stage 20 of the Works (670 days; 07 Feb. 17)			
A1180F	KD18F Achievement of Stage 23 of the Works (730 days; 08 Apr. 17)				◆ KD18F Achievement of Stage 23 of the Works (730 days; 08 Apr. 17)			
Site Access & Possession								
Possession of Portion of Site								
A0040	Possession of Portion C (<=100 days)		◆ Possession of Portion C (<=100 days)					
A0070	Possession of Portion F (<=220 days)	◆ Possession of Portion F (<=220 days)						
A0170	Possession of Portion Q (<=500 days)		◆ Possession of Portion Q (<=500 days)					
A0180	Possession of Portion R (<=610 days)		◆ Possession of Portion R (<=610 days)					
Access to Locations of the Site								
A0280	Contract Date for Access to Location 1.7A (610 days)		◆ Contract Date for Access to Location 1.7A (610 days)					
A0290	Contract Date for Access to Location 1.7B (610 days)		◆ Contract Date for Access to Location 1.7B (610 days)					
A0300	Contract Date for Access to Location 1.7C (610 days)		◆ Contract Date for Access to Location 1.7C (610 days)					
A0330	Contract Date for Access to External Area for Contract HY/2013/01 for ELV System Installation (570 days)		◆ Contract Date for Access to External Area for Contract HY/2013/01 for ELV System Installation (570 days)					
A0340	Contract Date for Access to External Area for Contract HY/2013/02 for ELV System Installation (560 days)				◆ Contract Date for Access to External Area for Contract HY/2013/02 for ELV System Installation (560 days)			
A0350	Contract Date for Access to External Area for Contract HY/2013/04 ELV System Installation (560 days)		◆ Contract Date for Access to External Area for Contract HY/2013/04 ELV System Installation (560 days)					
PORTION A1								
Portion A1 Structures								
Bridge A9								
Structure Deck								
SA9420	Deck on P904, P903 + Stressing							
SA9440	Deck on P903 & P902 + Stressing							
SA9460	Deck on P902 & A901 + Stressing							
SA9470	Parapet (38 pour) & E&M Works							
Retaining Wall W8-1								
SW8120	Backfilling W8-1							
SW8130	Parapet W8-1 (16 pour) & E&M Works							
SW8140	RW8-1 Drainage system & Cable Laying							
SW8150	Bituminous Paving W8-1 (347 ton) (KD25)							
Retaining Wall W9-1								
SW9120	Backfilling W9-1							
SW9130	Parapet W9-1 (16 pour) & E&M Works							
SW9140	Drainage System & Cable Laying							
SW9150	Bituminous Paving W9-1 (347 ton)							
047 - Fresh Water Pumping Station, Portion A1 & A2								
A04760	Parapet Wall at Roof Slab							
A04770	BS installation + E&M (Degree 2)							
A04780	BS installation + E&M (Degree 3)							
A04790	T&C for BS & Pumps							
Test & Commission								

- Actual Work
- Remaining Work
- Critical
- ◆ Milestone

THREE MONTH ROLLING PROGRAMME
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES

Date	Revision	Checked	Approved
30-Apr-17	3MRP updated as of 30 Apr. 2017	ZJ	
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30-Jun-17	3MRP updated as of 30 June 2017	ZJ	

Activity ID	Activity Name	2017				
		Jun	Jul	Aug	Sep	Oct
B04730	Submission & Issue of WW046 IV, V (Inside Services & FS)					
B04740	WSD Inspection					
B04760	OP Application & TPIDC Inspection					
049 - Sewage Treatment Plant, Portion A1 & A2						
B04990	Constructing Wall Stem for Equalization Tanks					
C04910	Water-tightness Test for Equalization Tanks					
D04985	Energisation by CLP					
E04910	Other Superstructure Construction					
E04940	BS + E&M Installation (KD9) (Degree 2)					
T&C and Statutory Inspection						
F04910	Essential T&C (FSI)					
F04920	Non-Essential T&C (Non-FSI)					
F04950	Submission & Issue of WW046 IV, V (Inside Services & FS)					
F04960	WSD Inspection					
G04920	DG Inspection					
G04930	Discharge Licence Issued by EPD					◆ Discharge
Portion A1 Buildings						
012 - DOH Disinsection Area and Store Room 1, at Portion A1						
A01250	Finishing					
A01270	BS + E&M for Office Accommodation (Stage 9) (Degree 3)					
A01280	Other BS + E&M Installation					
Test & Commission						
C01220	Submission & Issue of WW046 IV, V (Inside Services & FS)					
C01230	WSD Inspection					
C01240	FSD Inspection					
C01250	OP Application & TPIDC Inspection					
C01260	OP Issue					◆ OP Issue
036 - Weigh Station						
A03680	BS + E&M for Office Accommodation (Stage 9)					
A03690	Other BS + E&M Installation					
B03610	T&C for BS & Pumps					
Test & Commission						
B03630	Submission & Issue of WW046 IV, V (Inside Services & FS)					
B03640	Form 314 & 501 submission					◆ Form 314 & 501 submission
B03650	WSD Inspection					
B03660	FSD Inspection					
B03670	BEE0 Stage II & Assessor Certification Submission					
B03680	OP Application & TPIDC Inspection					
B03690	OP Issue					◆ OP Issue
037 C&ED Tower Cum Inbound Cargo Examination Building (Portion A1 & B)						
A03742C	Mock-up Sample for Mesh Screen Wall (SS41) & Balustrade					
A03758	Paint Finish					
A03770	BS + E&M for AVCSS Cabling (KD18B)					
A03785	BS for Office Accommodation (KD10)					
A03790	Other BS + E&M Installation					
Test & Commission						
B03710	T&C for BS & Pumps					
B03730	Submission & Issue of WW046 IV, V (Inside Services & FS)					
B03740	Form LE5 Submission to EMSD					◆ Form LE5 Submission to EMSD
B03750	Form 314 & 501 submission					◆ Form 314 & 501 submission

■ Actual Work
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		Jun	Jul	Aug	Sep	Oct
B03760	Lift Inspection by EMSD					
B03770	WSD Inspection					
B03780	FSD Inspection					
B03790	Beam Plus Monthly Submission & Issue					
C03710	BEEO Stage II & Assessor Certification Submission					
C03720	OP Application & TPIDC Inspection					
041 Fire Station Cum Ambulance Depot						
A04133	Wall Plastering/Wall Tiling					
A04134	Floor Screeding/Tiling/Vinyl Tiles					
A04137	False Ceiling Installation					
A04140	BS for Office Accommodation (Stage 8), Degree 2					
A04150	BS + E&M for Office Accommodation (Stage 9), Degree 3					
A04160	Other BS + E&M Installation					
A04170	External Finishing					
A04180	C/S Plastering/Tiling					
A04190	Cater Equipment Installation					
Fuel Filling Station incl. BS & E/M						
B04100	All Works for Fuel Filling Station					
Test & Commission						
B04110	T&C for BS & Pumps					
B04130	Submission & Issue of WW046 IV, V (Inside Services & FS)					
B04140	Form 314 & 501 submission					
B04150	Form LE5 Submission to EMSD					
B04160	DG application					
B04170	WSD Inspection					
B04180	FSD Inspection					
C04130	Beam Plus Monthly Submission & Issue					
C04140	BEEO Stage II & Assessor Certification Submission					
042 Drill Tower						
A04260	Finishing					
A04280	BS + E&M for Office Accommodation (Stage 9)					
A04290	Other BS + E&M Installation					
Test & Commission						
B04210	BEEO Stage II & Assessor Certification Submission					
B04220	T&C for BS Pumps					
B04230	WSD Inspection					
B04240	FSD Inspection					
B04250	OP Application & TPIDC Inspection					
043 DOH Office + Store Room						
A04370	Cladding & Curtain Wall Installation (incl. steel & metal works)					
A04390	BS + E&M for Office Accommodation (Stage 9)					
B04310	Other BS + E&M Installation					
B04330	Stainless Steel Mesh Installation					
B04340	Metal Windows/Louvres/Doors/Railing etc. installation					
B04360	Wall Plastering/Tiling					
B04370	Floor Screeding/Tiling					
B04380	False Ceiling Installation & Painting					
B04390	Carpentry (Wooden Doors/Partition/Lockers/Etc.)					
C04310	C/S Wall Plastering					
C04320	Paint Finishing to Walls					

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		Jun	Jul	Aug	Sep	Oct
Test & Commission						
C04330	T&C for BS & Pumps					
C04340	Submission & Issue of WW046 I, II, III (Inside Services & FS)					
C04350	Submission & Issue of WW046 IV, V (Inside Services & FS)					
C04360	Form 2 Submission					
C04370	Form 314 & 501 submission					
D04310	WSD Inspection					
D04320	FSD Inspection					
D04330	Lift Inspection by EMSD					
D04340	DG Inspection					
D04350	BEE0 Stage II & Assessor Certification Submission					
D04380	OP Application & TPIDC Inspection					
052 - Transforms (Zone 4)						
A05235	Energisation by CLP					
Fuel Filling Station incl. BS & E/M						
A05290	All Works for Fuel Filling Station					
T&C and Statutory Inspection						
B05210	T&C for BS & Pumps					
B05220	DG application					
B05230	DG Inspection					
B05270	Non-Essential T&C (Non-FSI)					
B05280	OP Application & TPIDC Inspection					
Completion of Fire Services Installation and Equipment (FCD)						
C05210	Approved Building Plans					
C05220	Application for FSI Inspection (FSI/501) c/w FSI Plan (FSI/314)					
C05240	FSI Inspection					
105 IMM D Guard Booth, Portion A1 (Mock Up)						
B10520	Substructure (Raft Foundation)					
B10530	On Grade Ground Slab					
B10540	Finishing					
B10550	BS for Office Accommodations (KD9)					
B10560	BS + E&M for Office Accommodation (KD10)					
B10570	Other BS + E & M Installation					
C10540	T&C for BS & Pumps					
Facade Envelop Structure Installation						
B10590	Fabrication of F/C System					
C10510	Casted-in Items Installation					
C10520	Steel Frame Installation					
C10530	Envelop Cladding and Roofing Panel Installation					
210 - ImmD GV Secondary Examination Bays Inbound						
ER5830	Construction of the Area and Access to the Interface Contractor					
External Works for Portion A1						
Drainage Works						
ED5590	Drainage Works (774m & 35MHs), Stage 2					
ED5600	Sewerage (300m & 9MHs), Stage 2					
ED5610	Drainage Works (773m & 34MHs), Stage 3					
ED5620	Sewerage (269m & 7MHs), Stage 3					
Waterpipe Laying						
EW5010	Fresh Water Main Laying (1660 m)					
EW6010	Flushing Water Main Laying (967 m)					

█ Actual Work
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EW6180	Chilled Water Pipe Laying in Portion A1 (external)					
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting						
EU5260	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV					
EU5270	Duct & Cable Laying for TCSS & Lighting					
Roadworks						
ER1520	Subbase (8500 ton), Stage 1 (Western)					
ER3540	Bitumen Pavement (10000 ton), Stage 1 (Western)					
ER3550	Rigid Pavement (900 m3), Footpath & EVA, Stage 1 (Western)					
Road Furniture						
ER0800	ELV Installation					
ER0830	Road Furniture					
PORTION A2						
Portion A2 Structures						
046 - Refuse Collection Point, Portion A2						
A04620	Superstructure w/2 water tank					
A04630	BS for Office Accommodations (Stage 8) (KD9)					
A04640	BS + E&M for Office Accommodations (Stage 9) (KD10)					
A04660	Other BS + E&M Installation					
Test & Commission						
B04620	Submission & Issue of WW046 I, II, III (Inside Services & FS)					
B04650	T&C for BS & Pumps					
B04680	OP Application & TPIDC Inspection					
048 - Reclaimed Water Pumping Station, Portion A2						
B04820	BS for Office Accommodations (Stage 8) (KD9)					
B04830	BS + E&M for Office Accommodation (Stage 9) (KD10)					
B04840	Other BS + E&M Installation					
Test & Commission						
B04850	T&C for BS & Pumps & SWT					
B04860	DG Application					
B04880	Submission & Issue of WW046 I, II, III (Inside Services & FS)					
B04890	Submission & Issue of WW046 IV, V (Inside Services & FS)					
C04810	Form 314 & 501 submission					
C04860	OP Application & TPIDC Inspection					
Retaining Wall W9-2						
SW9210	Construction of Retaining Wall W9-2 (U-shape, 6 bay)					
SW9220	Backfilling for Retaining Wall W9-2					
SW9230	Parapet for Retaining Wall W9-2 (22 pour) & E&M Works					
External Works for Portion A2						
Drainage Works						
ED2280	Drainage Works (228m & 15MHs)					
ED3560	Sewerage (322m & 9MHs)					
Waterpipe Laying						
EW2290	Fresh Water Main Laying (236m)					
EW2300	Flushing Water Main Laying (91m)					
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting						
EU5280	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV					
EU5290	Duct & Cable Laying for TCSS & Lighting					
PORTION B						
Portion B Structures						

■ Actual Work
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		Jun	Jul	Aug	Sep	Oct
Retaining Wall W7-2						
S70890	Retaining Wall W7-2 Backfilling	Actual Work				
S70910	C3-S6 Slopeworks		Remaining Work			
S70970	Retaining Wall W7-2 Parapet (2 pour) & E&M Works			Remaining Work		
S70980	Retaining Wall W7-2 Drainage System & Cable Laying				Remaining Work	
Retaining Wall W6-1						
S62060	Retaining Wall W6-1 Backfilling	Actual Work				
S62070	Retaining Wall W6-1 Parapet (8 pour) & E&M Works		Remaining Work			
S62080	Retaining Wall W6-1 Drainage System & Cable Laying			Remaining Work		
S62210	Retaining Wall W6-1 Bituminous Paving (347 ton) (KD25)				Remaining Work	
Bay 25 - 29 of CUE/Staff Subway						
C02960	Internal Finishes & Cable Containment	Actual Work	Remaining Work			
C02970	BS + E&M Installation for AVCSS	Actual Work	Remaining Work			
Portion B Buildings						
027/028 Inbound Kiosks & 029 Outbound Kiosks						
A02720	Superstructure	Actual Work	Critical			
A02730	Construction of Subway Entrance	Actual Work	Remaining Work			
A02740	Construction of Subway Toilets	Actual Work		Remaining Work		
A02750	Finishing	Actual Work		Remaining Work		
A02760	BS for Office Accommodation	Actual Work	Remaining Work			
A02770	BS + E&M for office accommodation (Stage 9)	Actual Work			Remaining Work	
A02780	BS + E&M for AVCSS Works (KD18A)	Actual Work	Remaining Work			
A02790	BS + E&M for AVCSS Cabling (KD18B)	Actual Work	Remaining Work			
B02720	Other BS + E&M Installation	Actual Work	Critical			
Test & Commission						
B02810	T&C for BS & Pumps	Actual Work			Critical	
B02830	Submission & Issue of WW046 IV, V (Inside Services & FS)	Actual Work			Remaining Work	
B02860	OP Application & TPIDC Inspection	Actual Work				Critical
027/028 Inbound Kiosks & 029 Outbound Kiosks, Section IX, Subject to Excision						
B02750	Superstructure	Actual Work	Critical			
B02760	BS + E&M for AVCSS Works (KD18C)	Actual Work	Critical			
B02770	BS + E&M for AVCSS Works (KD18D)	Actual Work	Critical			
B02780	BS + E&M for allowing users to move in furniture (KD18E)	Actual Work	Critical			
B02790	Pavement & Drainage (KD30)	Actual Work		Remaining Work		
Test & Commission						
D02710	T&C for BS & Pumps	Actual Work		Remaining Work		
D02730	Submission & Issue of WW046 IV, V (Inside Services & FS)	Actual Work		Remaining Work		
D02740	WSD Inspection	Actual Work			Remaining Work	
D02760	OP Application & TPIDC Inspection	Actual Work			Remaining Work	
026 Inbound IMMD and DOH Secondary Screening Building						
A02640	Finishing	Actual Work	Remaining Work			
A02670	BS for Office Accommodation (Stage 8)	Actual Work	Remaining Work			
A02680	BS + E&M for Office Accommodation (Stage 9)	Actual Work	Remaining Work			
A02690	Other BS + E&M Installation	Actual Work	Remaining Work			
Test & Commission						
B02630	Submission & Issue of WW046 IV, V (Inside Services & FS)	Actual Work				Remaining Work
B02640	BEE0 Stage II & Assessor Certification Submission	Actual Work				Remaining Work
B02650	TC for BS & Pumps	Actual Work		Remaining Work		
B02660	WSD Inspection	Actual Work			Remaining Work	
C02610	OP Application & TPIDC Inspection	Actual Work				Remaining Work

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		Jun	Jul	Aug	Sep	Oct
054 Inbound Fixed X-ray Building						
A05460	Finishing					
A05467	Energisation by CLP					
A05480	BS + E&M for Office Accommodation (Stage 9)					
A05490	Other BS + E&M Installation					
Fuel Filling Station incl. BS & E/M						
B05490	All Works for Fuel Filling Station					
T&C and Statutory Inspection for Zone 4a						
B05400	BEEO Stage II & Assessor Certification Submission					
B05420	T&C for BS & Pumps					
B05460	DG Inspection					
Completion of Fire Services Installation and Equipment (FCD)						
F05450	Application for FSI Inspection (FSI/501) c/w FSI Plan (FSI/314)					
F05460	Provision of Direct Link for Fire Alarm System by Chubb					
Waterworks Ordinance (WSD)						
G05410	Approval Letter and approved Drawings					
G05430	Submission of WWO46 - Part IV (Inside Services)					
G05440	WSD Inspection & Issue of WWO46 - Part V (Inside Services)					
038 AFCD Office						
A03850	Finishing + Curtain Wall Installation					
A03870	BS for Office Accommodation (Stage 8)					
A03880	BS + E&M for Office Accommodation (Stage 9)					
A03890	Other BS + E&M Installation					
Test & Commission						
B03810	T&C for BS & Pumps					
B03830	Submission & Issue of WW046 I, II, III (Inside Services & FS)					
B03880	Form 314 & 501 submission					
C03820	Form 2 Submission					
C03830	Lift Inspection by EMSD					
C03850	FSD Inspection					
C03860	BEEO Stage II & Assessor Certification Submission					
039 Police Main Building						
A03940	Finishing + Curtain Wall Installation					
A03950	BS for Office Accommodation (Stage 8), & for TCSS works (KD14)					
A03960	BS + E&M for Office Accommodation (Stage 9)					
A03970	Other BS + E&M Installation					
Fuel Filling Station incl. BS & E/M						
B03910	All Works for Fuel Filling Station					
Test & Commission						
B03920	Submission & Issue of WW046 I, II, III (Inside Services & FS)					
B03930	Submission & Issue of WW046 IV, V (Inside Services & FS)					
B03940	BEEO Stage II & Assessor Certification Submission					
B03950	Beam Plus Monthly Submission & Issue					
B03960	Form 314 & 501 submission					
C03920	DG Inspection					
C03950	Form 2 Submission					
C03960	Lift Inspection by EMSD					
C03970	T&C for BS & Pumps					
C03980	WSD Inspection					
C03990	FSD Inspection					

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D03930	OP Application & TPIDC Inspection					
040 Incident Control Tower						
A04050	Finishing (KD9)					
A04060	BS for Office Accommodation (Stage 8), & for TCSS works (KD14)					
A04070	BS + E&M for Office Accommodation (Stage 9)					
Facade Cladding System						
B04040	Steel Frame Installation					
B04050	Cladding Panel Installation					
Glass Wall						
C04020	Fabrication of Glass Wall					
C04040	Steel Frame Installation					
Test & Commission						
D04010	Form 314 & 501 submission					
D04030	T&C for BS & Pumps					
D04040	Form 2 Submission					
D04050	Lift Inspection by EMSD					
D04070	FSD Inspection					
D04080	OP Application & TPIDC Inspection					
102 HKPF UVSS Monitor Room						
A10230	Finishing (False Ceiling) (KD9)					
A10240	BS for Office Accommodation (Stage 8)					
A10260	BS + E&M for Office Accommodation (Stage 9)					
A10270	Other BS + E&M Installation					
A10290	T&C for BS & Pumps					
C10210	WWO 46 Part I, II, III Submission (inside Service + FS)					
C10220	WWO 46 Part IV, V Submission (inside Service + FS)					
C10230	Plumbing Inspection by WSD					
C10260	TPIDC Inspection					
Metal Canopy and Roof Installation						
B10230	Steel Frame Installation					
B10240	Glass panel, metal cladding panel installation					
103 Police Inspection Post						
A10350	Finishing (False Ceiling) (KD9)					
A10360	BS for Office Accommodation (Stage 8)					
A10370	BS + E&M for Office Accommodation (Stage 9)					
A10380	Other BS + E&M Installation					
C10310	T&C for BS & Pumps					
C10320	WWO 46 Part I, II, III Submission (inside Service + FS)					
C10330	WWO 46 Part IV, V Submission (inside Service + FS)					
C10340	WSD inspection					
C10360	TPIDC Inspection					
HPL Composite Panel Cladding System						
B10320	Fabrication of HPL Cladding					
B10330	Casted-in Items Installation					
B10340	Steel Frame Installation					
B10350	HPL Cladding Panel Installation					
057 Transformers (Zone 2)						
A05740	Finishing					
A05755	Energisation by CLP					
A05770	BS + E&M for Office Accommodation (Stage 9)					

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30-Apr-17	3MRP updated as of 30 Apr. 2017	ZJ	
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Activity ID	Activity Name	2017				
		Jun	Jul	Aug	Sep	Oct
A05780	Other BS + E&M Installation	[Green bar]				
Fuel Filling Station incl. BS & E/M						
A05790	All Works for Fuel Filling Station	[Green bar]				
T&C and Statutory Inspection for Zone 2a & 2b						
C05700	T&C for BS & Pumps	[Red bar]				
F05700	Essential T&C (FSI)	[Red bar]				
F05710	Non-Essential T&C (Non-FSI)	[Red bar]				
F05720	OP Application & TPIDC Inspection	[Red bar]				
Completion of Fire Services Installation and Equipment (FCD)						
F05750	Application for FSI Inspection (FSI/501) c/w FSI Plan (FSI/314)	◆ Application for FSI Inspection (FSI/501) c/w FSI Plan (FSI/314)				
F05760	Provision of Direct Link for Fire Alarm System by Chubb	◆ Provision of Direct Link for Fire Alarm System by Chubb				
F05770	FSI Inspection (2 Trials)	[Green bar]				
DG License & EPD Generator Approval						
G05710	Approval Letter and approved Drawings	◆ Approval Letter and approved Drawings				
G05730	DG Inspection	[Green bar]				
107 - C&ED Mobile X-ray Operation Office (Cargo), Portion B						
C10740	Finishing	[Green bar]				
C10750	BS for Office Accommodation (Stage 8)	[Green bar]				
C10760	BS + E&M for Office Accommodation (Stage 9)	[Green bar]				
C10770	Other BS + E&M Installation	[Red bar]				
C10780	T&C for BS & Pumps	[Green bar]				
C10790	TPIDC Inspection	[Red bar]				
113 - Field Kiosk for Access Control, Portion B						
B11340	Finishing	[Green bar]				
B11350	BS for Office Accommodation (Stage 8)	[Green bar]				
B11360	BS + E&M for Office Accommodation (Stage 9)	[Green bar]				
B11370	Other BS + E&M Installation	[Red bar]				
B11380	T&C for BS & Pumps	[Red bar]				
B11390	TPIDC Inspection	[Red bar]				
201 - Inbound Cargo Mobile X-ray Operation Area						
ER5850	Construction of the Area and Access to the Interface Contractor	[Green bar]				
205 - Inbound Private Car Mobile X-ray Operation Area						
ER5860	Construction of the Area and Access to the Interface Contractor	[Green bar]				
External Works for Portion B						
Works in Location 1.7A						
BB1480	ELV Works & T&C in Location 1.7A	[Red bar]				
Works in Location 1.7B						
BB1490	ELV Works & T&C in Location 1.7B	[Red bar]				
Drainage Works						
ED5690	Drainage Works (1130m & 60MHs), Stage 4 (N/E)	[Red bar]				
ED5700	Sewerage (300m & 82MHs), Stage 4 (N/E)	[Red bar]				
Waterpipe Laying						
EW6100	Fresh Water Main Laying (1000m), Stage 3	[Red bar]				
EW6110	Flushing Water Main Laying (931m), Stage 3	[Red bar]				
EW6190	Chilled Water Pipe Laying in Portion B (external)	[Green bar]				
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting						
EU5300	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV	[Red bar]				
EU5310	Duct & Cable Laying for TCSS & Lighting	[Red bar]				
EU5550	ELV Installation	[Red bar]				
EU5630	Access date to Telephone Companies	◆ Access date to Telephone Companies				

- Actual Work
- Remaining Work
- Critical
- ◆ Milestone

**THREE MONTH ROLLING PROGRAMME
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		Jun	Jul	Aug	Sep	Oct
Roadworks						
ER1640	Subbase (21000 ton), Stage 1					
ER3590	Bitumen Pavement (30000 ton), Stage 1					
ER3600	Rigid Pavement (1188 m3), Footpath & EVA, Stage 1					
ER5590	Subbase (22152 ton), Stage 2					
ER5600	Bitumen Pavement (31126 ton), Stage 2					
ER5610	Rigid Pavement (1188 m3), Footpath & EVA, Stage 2					
Road Furniture						
ER1620	Road Furniture					
Sign Gantry ADS 306A & ADS 306B						
ES5240	Fabrication & Delivery of Sign Gantries to Site					
PORTION C						
Portion C Buildings						
010 - Inbound Coach Kiosk & Staff Subway Entrance (Subway Deleted)						
A01020	Base Slab & Kiosk superstructure					
A01030	BS + E&M for AVCSS works (KD18A)					
009 - Staff Subway Entrance (Bay 0 - 3) & Shuttle Bus Kiosks						
B00920	Kiosk superstructure					
B00930	BS + E&M for AVCSS works (KD18A)					
B00940	BS + E&M for AVCSS Cabling (KD18B)					
B00970	BS + E&M for Office Accommodation (Stage 9) (KD10)					
C00920	T&C for BS & Pumps					
C00940	TPIDC Inspection					
012 - DOH Disinsection Area and Store Room 1, at Portion C						
B01210	Excavation & Blinding					
B01220	Raft Foundation					
B01230	Superstructure					
B01240	Finishing					
B01270	BS for Office Accommodation (KD 9)					
B01290	Other BS + E&M Installation					
Test & Commission						
E01210	Submission of WWO46 - Part I, II, III (Inside Services + FS)					
E01260	TPIDC Inspection					
104 - DOH Secondary Screening Station, at Portion C						
A10420	Excavation & Blinding					
A10430	Substructure					
A10435	Finishing					
A10440	BS for Office Accommodation (Stage 8)					
B10410	Other BS + E&M Installation					
B10420	T&C for BS & Pumps					
B10440	TPIDC Inspection					
Facade Cladding System						
A10465	Fabrication of F/C System					
A10470	Casted-in Items Installation					
A10480	Steel Frame Installation					
108 C&ED Mobile X-ray Machine Operation Office, Portion C						
A10810	Raft Foundation					
A10840	Superstructure (Roof Beams & Slabs)					
A10850	Finishing					

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		Jun	Jul	Aug	Sep	Oct
A10860	BS for Office Accommodation (Stage 8)			█	█	█
A10890	Other BS + E&M Installation			█	█	█
F10830	T&C for BS & Pumps				█	█
F10850	TPIDC Inspection				█	█
HPL Composite Panel Cladding System						
A10815	Fabrication of HPL Cladding	█	█			
A10820	Casted-in Items Installation			█	█	
A10830	Steel Frame Installation				█	█
110 IMMD Guard Booth (Type 2) East						
A11080	Finishing	█	█	█		
A11090	BS for Office Accommodation (Stage 8)			█	█	█
B11010	BS + E&M for Office Accommodation (Stage 9)				█	█
B11020	Other BS + E&M Installation			█	█	█
B11030	T&C for BS & Pumps			█	█	█
B11050	TPIDC Inspection			█	█	█
Facade Envelop Structure Installation						
A11045	Fabrication of F/C System			█	█	█
A11050	Casted-in Items Installation			█		
A11060	Steel Frame Installation				█	█
110 IMMD Guard Booth (Type 2) West						
C11010	Excavation & Blinding		█			
C11020	Substructure		█	█		
C11030	Finishing			█	█	█
C11040	BS for Office Accommodation			█	█	█
C11060	Other BS + E&M Installation			█	█	█
C11070	T&C for BS & Pumps				█	█
C11090	TPIDC Inspection				█	█
Facade Envelop Structure Installation						
D11010	Casted-in Items Installation		█			
D11020	Steel Frame Installation			█	█	█
D11030	Envelop Cladding and Roofing Panel Installation				█	█
111 Field Kiosk for Carpark Operator						
A11120	Excavation & Blinding		█			
A11130	Raft Foundation		█	█		
A11140	Superstructure (Roof beams & Slabs)			█	█	█
A11150	Finishing				█	█
A11160	BS for Office Accommodation (Stage 8)				█	█
A11180	Other BS + E&M Installation				█	█
B11160	T&C for BS & Pumps				█	█
B11180	TPIDC Inspection				█	█
HPL Composite Panel Cladding System						
B11120	Fabrication of HPL Cladding	█	█			
B11130	Casted-in Items Installation			█	█	
B11140	Steel Frame Installation				█	█
113 - Field Kiosk for Access Control, Portion C						
C11310	Excavation & Blinding	█				
C11320	Raft Foundation		█	█		
C11330	Superstructure (Roof Beams & Slabs)			█	█	█
C11340	Finishing				█	█
D11310	BS for Office Accommodation (Stage 8)				█	█

█ Actual Work
█ Remaining Work
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		Jun	Jul	Aug	Sep	Oct
D11330	Other BS + E&M Installation					
F11310	T&C for BS & Pumps					
F11330	TPIDC Inspection					
204 - Inbound Coach Exam Area & Mobile X-ray Operation						
ER5760	Radiation Screen Wall Construction					
ER5880	Construction of the Area and Access to the Interface Contractor					
External Works for Portion C						
Works in Location 1.2, 1.8 & 011 - Emergency Generator Building						
BB1440	Works & T&C in Location 1.2					
BB1450	Works & T&C in Location 1.8					
BB1460	ELV System Installations and T&C for Contract HY/2013/01					
BB1470	Provisioning of Civil Engineering Works for 011-Emergency Generator Building (KD18)					
Drainage Works						
B00040	Initial Survey					
SG2400	Drainage Works (797m & 36MHs)					
SG3610	Sewerage (186m & 4MHs)					
Waterpipe Laying						
SW2410	Fresh Water Main Laying (272m)					
SW2420	Flushing Water Main Laying (105m)					
SW9280	Chilled Water Pipe Laying in Portion C (external)					
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting						
SU5320	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV					
SU5330	Duct & Cable Laying for TCSS & Lighting					
SU5400	ELV Installation					
Roadworks						
SR2500	Subbase (4201 ton)					
SR3620	Bitumen Pavement (6200 ton)					
SR3630	Rigid Pavement (132 m3), Footpath & EVA					
Road Furniture						
SR2480	Road Furniture					
PORTION D						
Portion D Building						
114 - Field Kiosk for Access Control, Portion D						
C11370	Superstructure (Roof Beams & Slabs)					
C11380	Finishing					
D11340	BS for Office Accommodation (Stage 8)					
D11350	BS + E&M for Office Accommodation (Stage 9)					
D11360	Other BS + E&M Installation					
F11350	T&C for BS & Pumps					
F11370	TPIDC Inspection					
External Works for Portion D						
Drainage Works						
SG3640	Drainage Works (361m & 14MHs)					
SG3760	Sewerage (121m & 6MHs)					
Waterpipe Laying						
SW3650	Fresh Water Main Laying (108m)					
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting						
B11480	ELV System Installation for Contract HY/2013/02					

- █ Actual Work
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SU5340	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV					
SU5350	Duct & Cable Laying for TCSS & Lighting					
SU5640	Access date to Telephone Companies			◆ Access date to Telephone Companies		
Roadworks						
SR3740	Subbase (261 ton)					
SR3770	Bitumen Pavement (619 ton)					
Road Furniture						
SR3720	Road Furniture (KD25)					
PORTION E						
006 - Shuttle Bus Kiosk & Staff Subway Entrance, at Portion E & M						
A00640	Backfilling & Surcharge					
A00650	Constructing Ground Slab					
A00660	Constructing Kiosk (4 Nr.)					
A00670	Constructing Subway Entrance					
A00690	BS + E&M for AVCSS works (KD18B)					
B00640	Other BS + E&M Installation					
External Works for Portion E						
Drainage Works						
SG3780	Drainage Works (99m & 5MHs)					
SG3900	Sewerage (38m & 1 MH)					
Waterpipe Laying						
SW3790	Fresh Water Main Laying (45m)					
SW3800	Flushing Water Main Laying (25m)					
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting						
SU5360	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV					
SU5370	Duct & Cable Laying for TCSS & Lighting					
Roadworks						
SR3880	Subbase (1659 ton)					
SR3910	Bitumen Pavement (2105 ton)					
SR3920	Rigid Pavement (180 m3)					
Road Furniture						
SR3860	Road Furniture (KD25)					
PORTION F						
External Works for Portion F						
Drainage Works						
B00070	Initial Survey					
SG3930	Drainage Works (122m & 9MHs)					
SG4050	Sewerage (70m & 3MHs)					
Waterpipe Laying						
SW3940	Fresh Water Main Laying (205m)					
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting						
SU5380	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV					
SU5390	Duct & Cable Laying for TCSS & Lighting					
SU5420	ELV Installation					
Roadworks						
SR4030	Subbase (1534 ton)					
SR4060	Bitumen Pavement (1909 ton)					
PORTION G, H1 & H2						

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Activity ID		Activity Name		2017				
				Jun	Jul	Aug	Sep	Oct
Portion G Structures								
Box Culvert C								
Box Culvert Structure								
SC0320	Box C - Branch Backfilling			[Actual Work]				
SC0390	Box C - Back filling					[Remaining Work]		
Bridge A1								
Structure Deck								
SA1460	Deck on P101, P102 + Stressing			[Actual Work]				
SA1520	Parapet (42 pour), E&M works & installation of DS38 & DS39					[Remaining Work]		
SA1530	Bituminous Paving (751 ton) (KD25)						[Remaining Work]	
Bridge A2								
Structure Deck								
SA2460	Deck on P201 & P202 + Stressing			[Actual Work]				
SA2470	Parapet (36 pour), E&M Works & installation of DS49					[Remaining Work]		
SA2480	Bituminous Paving (KD25)						[Remaining Work]	
Bridge A3								
Structure Deck								
SA3510	Parapet (56 pour), E&M Works & installation of DS51					[Remaining Work]		
SA3520	Bituminous Paving (580 ton) (KD25)						[Remaining Work]	
Bridge A4								
Structure Deck								
SA4440	Deck on P401, P402 + Stressing			[Actual Work]				
SA4460	Deck on P304b, P401, P402 + Stressing							
SA4470	Parapet (35 pour), E&M Works					[Remaining Work]		
SA4480	Bituminous Paving (232 ton) (KD25)						[Remaining Work]	
Bridge A5								
Structure Deck								
SA5540	Deck on A501 & P502a + Stressing			[Actual Work]				
SA5560	Deck on P507 & P508a, P508b + Stressing					[Critical Work]		
SA5570	MJ Installation (KD16 & KD17)					[Critical Work]		
SA5580	Parapet (65 pour), E&M Works installation of ADS 304A					[Remaining Work]		
Bridge A6								
Structure Deck								
SA6540	Parapet (50 pour) & E&M Works			[Actual Work]				
Bridge A7a, A7b, A7c								
Structure Deck								
SA7940	Parapet for Bridge A7b (8 pour) & E&M Works			[Actual Work]				
SA7950	Parapet for Bridge A7c (38 pour) & E&M Works					[Remaining Work]		
SA7960	Parapet for Bridge A7a (48 pour) & E&M Works					[Remaining Work]		
SA7970	Bituminous Paving for A7b (571 ton) (KD25)						[Remaining Work]	
SA7980	Bituminous Paving for A7c (400 ton)(KD25)					[Remaining Work]		
SA7990	Bituminous Paving for A7a (400 ton) (KD25)					[Remaining Work]		
Bridge A8								
Structure Deck								
SA8470	Parapet (26 Pour) & E&M works					[Remaining Work]		
SA8480	Bituminous Paving (348 ton) (KD25)						[Remaining Work]	
Retaining Walls W1-1, W3-1, W5-1 & W7-1								
Retaining Wall W1-1								
SW1110	Construction of Retaining Wall W1-1 (L-shape, 4 bays)			[Actual Work]				

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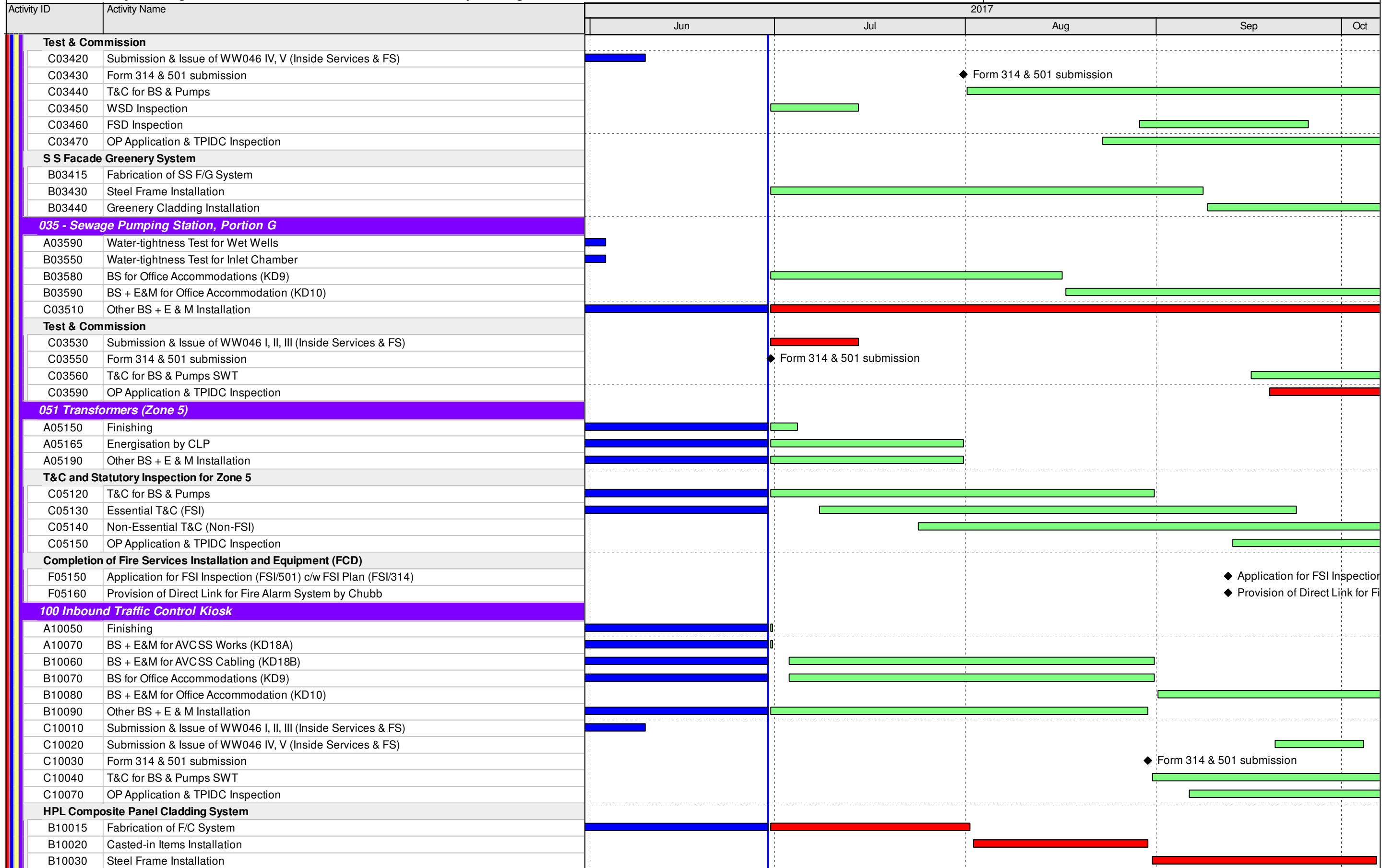
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SW1120	Retaining Wall W1-1 Backfilling					
SW1122	Slope C3-S3 Construction					
SW1130	Retaining Wall W1-1 Parapet (8 pour) & E&M Works					
Retaining Wall W3-1						
SW3150	Construction of Retaining Wall W3-1 (U-shape, 4 bays)					
SW3160	Backfilling W3-1					
SW3165	Slope C3-S4 Construction					
SW3170	Parapet W3-1 (8 pours) & E&M Works					
SW3180	W3-1 Drainage System & Cable Laying					
Retaining Wall W5-1						
SW5010	Construction of Retaining Wall W5-1 (L-shape, 5 bays)					
SW5020	Retaining Wall W5-1 Backfilling to Retaining Wall					
Retaining Wall W7-1						
SW7110	Construction of Retaining Wall W7-1 (U-shape, 4 bays)					
SW7120	Backfilling to Retaining Wall W7-1					
Portion G Buildings						
002 - C&ED Observation Guard Booth No. 1, Portion H1						
C00220	Excavation + Blinding					
C00230	Raft Foundation					
C00240	Superstructure					
C00250	Finishing					
C00260	BS for Office Accommodations (KD9)					
002 - C&ED Observation Guard Booth No. 2, Portion H1						
E00210	Excavation + Blinding					
E00220	Raft Foundation					
E00230	Superstructure					
E00240	Finishing					
E00250	BS for Office Accommodations (KD9)					
E00295	OP Application & TPIDC Inspection					
033 Inbound Private Car Exam Building						
A03330	Finishing					
A03360	External Works					
A03370	BS for Office Accommodation (Stage 8)					
A03380	BS + E&M for Office Accommodation (Stage 9)					
A03390	Other BS + E&M Installation					
C03310	Submission & Issue of WW046 I, II, III (Inside Services & FS)					
C03330	BEEO Stage II & Assessor Certification Submission					
C03360	T&C for BS & Pumps					
C03390	OP Application & TPIDC Inspection					
Glass Canopy Installation						
B03305	Fabrication of Glass Canopy					
B03360	Steel Frame Installation					
B03370	Glass Panel Installation					
Aluminium Metal Canopy						
B03330	Steel Frame Installation					
B03340	Aluminium Cladding Installation					
034 Satellite RCP South						
A03450	Finishing					
A03470	BS + E&M for Office Accommodation (Stage 9)					
A03480	Other BS + E&M Installation					

■ Actual Work
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		Jun	Jul	Aug	Sep	Oct
112 Field Kiosk for Taxi Queuing Area						
A11240	Finishing					
A11250	BS + E & M Installation					
A11260	T&C for BS & Pumps SWT					
A11270	FSD Inspection					
A11280	OP Application & TPIDC Inspection					
External Works for Portion G, H1 & H2						
ELV Works within Portion H2 in the Hong Kong Side PTI						
EU1550	ELV Works within Portion H2 in the Hong Kong Side PTI (KD19)					
Works within Portion H1 & H2 except the ELV Works in the Hong Kong Side PTI						
EU1560	Drainage & Sewerage Works within Portion H1 & H2 in the Hong Kong Side PTI (KD20)					
All Works within the Boundary defined in Drawing No. 60191048/C3/000/C00/1050						
BEU1570	Drainage & Sewerage Works (incl. CLP) within the Boundary defined in Drawing No. 60191048/C3/000/1050					
BEU1580	Roadworks within the Boundary defined in Drawing No. 60191048/C3/000/1050, excluding Portion H1 & H2 & Bridges (KD24)					
Drainage Works						
ED4070	Drainage Works (6954m & 393MHs)					
ED4190	Sewerage (437m & 12MHs)					
Waterpipe Laying						
EW4080	Fresh Water Main Laying (1689m)					
EW4090	Flushing Water Main Laying (411m)					
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting						
EU5400	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV					
EU5410	Duct & Cable Laying for TCSS & Lighting					
EU5560	ELV Installation					
Roadworks						
ER4170	Subbase (17045 ton)					
ER4200	Bitumen Pavement (24549 ton)					
ER4210	Rigid Pavement (514 m3), Footpath & EVA					
Road Furniture						
ER4150	Road Furniture					
Sign Gantry DS40, DS41 & DS75						
ES0180	Fabrication & Delivery of Sign Gantries to Site					
ES0190	Erection of Sign Gantry					
Canopy and Covered Walkway						
CC1320	Footing					
CC1330	Steel Frame Installation					
PORTION J						
Portion J Structure						
Bay 30 - 41 of CUE/Staff Subway (Portion J)						
B03260	Internal Finishes & Cable Containment (KD2)					
B03270	BS + E&M Installation for AVCSS (Stage 2) (KD2)					
030 Outbound Private Car & GV Kiosks						
A03020	Pre-fabrication for the Steel Kiosks					
A03030	Superstructure (Incl. Entrance & Toilet)					
A03050	Finishing					
A03060	BS + E&M for AVCSS Works (KD18B)					
A03070	BS for Office Accommodations (KD9)					

■ Actual Work
■ Remaining Work
■ Critical
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		Jun	Jul	Aug	Sep	Oct
A03080	BS + E&M for Office Accommodation (KD10)					
A03090	Other BS + E & M Installation					
B03010	T&C for BS & Pumps SWT					
B03030	OP Application & TPIDC Inspection					
030 Outbound Kiosks, Section IX, Subject to Excision						
C03020	Pre-fabrication for the Steel Kiosks					
C03030	Superstructure					
C03040	BS + E&M for AVCSS Works (KD18C) & Finishing					
C03050	BS + E&M for AVCSS Works (KD18D) & Finishing					
C03070	Pavement & Drainage (KD30)					
Portion J Buildings						
024 Outbound Private Car Exam Building						
A02440	BS for Office Accommodations (KD18F)					
A02450	BS + E&M for Office Accommodation (KD18G)					
A02460	Other BS + E & M Installation (KD31)					
Test & Commission						
D02410	Submission & Issue of WW046 I, II, III (Inside Services & FS)					
D02420	Submission & Issue of WW046 IV, V (Inside Services & FS)					
D02430	BEEO Stage II & Assessor Certification Submission					
D02460	T&C for BS & Pumps					
D02470	OP Application & TPIDC Inspection					
Glass Canopy Installation						
B02415	Fabrication of F/C System					
B02430	Steel Frame Installation					
B02440	Glass Panel Installation					
Aluminium Metal Canopy						
B02455	Fabrication of F/C System					
B02470	Steel Frame Installation					
B02480	Aluminium Cladding Installation (KD31)					
031 Outbound IMMD and DOH Secondary Screen Building						
A03150	Finishing (KD31)					
A03160	BS for Office Accommodations (KD18F)					
A03170	BS + E&M for Office Accommodation (KD18G)					
A03180	Other BS + E & M Installation (KD31)					
Test & Commission						
C03120	Submission & Issue of WW046 I, II, III (Inside Services & FS)					
C03130	Submission & Issue of WW046 IV, V (Inside Services & FS)					
C03140	BEEO Stage II & Assessor Certification Submission					
C03150	Form LE5 Submission to EMSD					
C03160	Lift Inspection by EMSD					
C03170	T&C for BS & Pumps					
D03110	OP Application & TPIDC Inspection					
060 - Single Storey Support Building Associated with Buildings 044 & 045						
A06025	Finishing					
A06055	Energisation by CLP					
A06060	BS for Office Accommodation (Stage 10) (KD11)					
A06080	Other BS + E&M Installation					
Fuel Filling Station incl. BS & E/M						
A06090	All Works for Fuel Filling Station					
T&C and Statutory Inspection for Zone 3a						

- █ Actual Work
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- ◆ Milestone

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		Jun	Jul	Aug	Sep	Oct
B06020	BEEC Stage II & Assessor Certification Submission					
B06030	T&C for BS & Pumps					
B06060	Essential T&C (FSI)					
B06070	Non-Essential T&C (Non-FSI)					
B06080	OP Application & TPIDC Inspection					
Completion of Fire Services Installation and Equipment (FCD)						
F06050	Application for FSI Inspection (FSI/501) c/w FSI Plan (FSI/314)					◆ Application for FSI Inspection (FSI/501) c/w FSI
F06060	Provision of Direct Link for Fire Alarm System by Chubb					◆ Provision of
Waterworks Ordinance (WSD)						
G06020	Submission of WWO46 - Part I & II (Inside Services)					
G06030	Submission of WWO46 - Part IV (Inside Services)					
DG License & EPD Generator Approval						
G06000	DG Application					
061 Telecom Building						
A06150	Finishing (KD9)					
A06160	BS for Office Accommodations (KD9)					
A06170	BS + E&M for Office Accommodation (KD10)					
A06180	Other BS + E & M Installation					
A06190	T&C for BS					
B06170	OP Application & TPIDC Inspection					
Aluminium Metal Canopy						
B06130	Steel Frame Installation					
B06140	Aluminium Cladding Installation					
101 Outbound Traffic Control Kiosk						
A10140	Finishing					
A10150	BS + E&M for AVCSS Works (KD18A)					
A10160	BS + E&M for AVCSS Cabling (KD18B)					
A10170	BS for Office Accommodations (KD9)					
A10180	BS + E&M for Office Accommodation (KD10)					
A10190	Other BS + E & M Installation					
C10110	Submission of WWO46 - Part I & II (Inside Services)					
C10120	Submission of WWO46 - Part IV (Inside Services)					
C10130	T&C for BS & Pumps					
C10140	WSD Inspection					
C10150	FSD Inspection					
C10160	OP Application & TPIDC Inspection					
HPL Composite Panel Cladding System						
B10120	Fabrication of HPL Cladding					
B10140	Steel Frame Installation					
B10150	HPL Cladding Panel Installation (KD25)					
206 - Outbound Private Car Mobile X-ray Operation Area						
ER5780	Radiation Screen Wall Construction					
ER5800	Construction of the Area and Access to the Interface Contractor					
External Works for Portion J						
Works in Location 1.7B						
EU1500	ELV Works & T&C in Location 1.7B					
Works in Location 1.7C						
EU1530	ELV Works & T&C in Location 1.7C					
Drainage Works						
ED4220	Drainage Works (1700m & 86MHs), Stage 1					

■ Actual Work
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		Jun	Jul	Aug	Sep	Oct
ED4340	Sewerage (425m & 11MHs), Stage 1					
ED5710	Drainage Works (1697m & 85MHs), Stage 2					
ED5720	Sewerage (425m & 12MHs), Stage 2					
Waterpipe Laying						
EW4230	Fresh Water Main Laying (1541m)					
EW4240	Flushing Water Main Laying (862m)					
SW9290	Chilled Water Pipe Laying in Portion J (external)					
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting						
EU5420	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV					
EU5430	Duct & Cable Laying for TCSS & Lighting					
EU5570	ELV Installation					
Roadworks						
ER4320	Subbase (15400 ton), Stage 1 (Northern)					
ER4350	Bitumen Pavement (20000 ton), Stage 1 (Northern)					
ER4360	Rigid Pavement (173 m3), Footpath & EVA, Stage 1 (Northern)					
ER5680	Subbase (15409 ton), Stage 2 (Southern)					
Road Furniture						
ER4300	Road Furniture (KD25)					
Sign Gantry DS104						
ES5130	Testing for P-bored Piles					
ES5150	Fabrication & Delivery of Sign Gantries to Site					
ES5160	Erection of Sign Gantry					
PORTION K, L, M, S & T						
Portion K Building						
002 - C&ED Observation Guard Booth No. 1, Portion K						
A00220	Raft Foundation					
A00230	Superstructure					
A00240	Finishing					
A00250	BS for Office Accommodations (Degree of Completion 2)					
A00260	BS + E&M for Office Accommodation (Degree of Completion 3)					
A00270	Other BS + E & M Installation					
A00280	T&C for BS & Pumps					
A00295	OP Application & TPIDC Inspection					
002 - C&ED Observation Guard Booth No. 2, Portion K						
B00220	Raft Foundation					
B00230	Superstructure					
B00240	Finishing					
B00250	BS for Office Accommodations (Degree of Completion 2)					
B00260	BS + E&M for Office Accommodation (Degree of Completion 3)					
B00270	Other BS + E & M Installation					
B00280	T&C for BS & Pumps					
B00295	OP Application & TPIDC Inspection					
Portion M Buildings						
108 - C&ED Mobile X-ray Operation Office, Portion M						
B10810	Substructure (raft Foundation)					
B10840	Superstructure (Roof beams & Slabs)					
B10850	Finishing					
B10860	BS for Office Accommodations (KD9)					
B10870	BS + E&M for Office Accommodation (KD10)					

■ Actual Work
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		Jun	Jul	Aug	Sep	Oct
B10880	Other BS + E & M Installation					
B10890	T&C for BS & Pumps					
D10800	OP Application & TPIDC Inspection					
HPL Composite Panel Cladding System						
C10820	Fabrication of HPL Cladding					
C10830	Casted-in Items Installation					
C10840	Steel Frame Installation					
C10850	HPL Cladding Panel Installation					
104 DOH Screening Station, at Portion M						
C10430	Structure (Raft Foundation)					
C10440	Finishing					
C10450	BS for Office Accommodations (KD9)					
C10460	BS + E&M for Office Accommodation (KD10)					
C10470	Other BS + E & M Installation					
C10480	T&C for BS & Pumps					
D10490	OP Application & TPIDC Inspection					
Facade Envelop Structure Installation						
D10455	Fabrication of F/C System					
D10460	Casted-in Items Installation					
D10470	Steel Frame Installation					
D10480	Envelop Cladding and Roofing Panel Installation					
203 - Outbound Coach/Shuttle Bus Exam Area & Mobile X-ray Operation Area						
ER5770	Radiation Screen Wall Construction					
ER5870	Construction of the Area and Access to the Interface Contractor					
External Works						
Additional Works (Filling & RE Slope), SA1						
ED3230	C1 Contractor to Completed cooling mains at east Portion (Stage 2)					
ED3232	C2 provide access to north slope at Portion K					
ED3233	Temp. access at north slope					
ED3234	Removal of temp. access at east slope					
ED3310	C1 Contractor to Complete Handover the South Portion					
ED3320	Fill Platform from +11.5PD to near PCB (South)					
ED3330	Add surcharge to Platform at +14.5mPD near PCB (South)					
ED3332	Consolidation of fill at the Platform (South East)					
ED3334	Remove surcharge at the Platform (South East)					
ED3336	Construct Rock Fill Slope near PCB (South East)					
ED3338	Consolidation of fill at the Platform (South West)					
ED3410	C2 Contractor to complete abutment at the North (2 nos.)					
ED3420	Fill Slope around C2 abutments					
Construction of Slopes						
ED3440	Construction of fill slope (East)					
ED3520	Construct RE slope (West)					
ED3550	Construction of fill slope (North)					
Drainage Works						
ED4370	Drainage Works (2129m & 102MHs)					
Waterpipe Laying						
EW4380	Fresh Water Main Laying (1216m)					
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting						
EU5440	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV					
EU5450	Duct & Cable Laying for TCSS & Lighting					

█ Actual Work
█ Remaining Work
█ Critical
◆ Milestone

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		Jun	Jul	Aug	Sep	Oct
Roadworks						
ER5710	Subbase (9225 ton)					
ER5720	Bitumen Pavement (9102 ton)					
ER5730	Rigid Pavement (1525 m3) & Footpath					
Canopy and Covered Walkway						
CC1400	Shop drawing, Approved & Fabrication					
CC1410	Footing					
CC1420	Steel Frame Installation					
CC1430	Panel Installation					
Road Furniture						
ER4450	Road Furniture (KD25)					
PORTION N						
Portion N Structure						
Box Culvert B						
Box Culvert Structure						
SB0710	Box B - Construction (Stage 1)					
SB0720	Box B - Construction (Stage 2)					
SB0722	Box B - Temporary Works for Construction of Outfall Structure					
SB0730	Box B - Outfall Structure					
Portion N Buildings						
104 DOH Screening Station, at Portion N						
C10410	Structure (Raft Foundation)					
C10420	Finishing					
E10410	BS for Office Accommodations (KD9)					
E10420	BS + E&M for Office Accommodation (KD10)					
E10430	Other BS + E & M Installation					
E10440	T&C for BS & Pumps					
E10460	OP Application & TPIDC Inspection					
Facade Envelop Structure Installation						
D10415	Fabrication of F/C System					
D10420	Casted-in Items Installation					
D10430	Steel Frame Installation					
106 C&ED Detention Area Guard Booth						
A10610	Structure (Raft Foundation)					
A10640	Finishing					
E10640	BS for Office Accommodations (KD9)					
E10650	BS + E&M for Office Accommodation (KD10)					
E10660	Other BS + E & M Installation					
E10670	T&C for BS & Pumps					
Facade Envelop Structure Installation						
B10615	Fabrication of F/C System					
B10620	Casted-in Items Installation					
B10630	Steel Frame Installation					
107 C&ED Mobile X-ray Operation Office, Portion N						
A10710	Substructure (Raft Foundation)					
A10740	Superstructure					
A10750	Finishing (KD9)					
A10760	Other BS + E & M Installation (KD10)					
HPL Composite Panel Cladding System						

- █ Actual Work
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Activity ID	Activity Name	2017				
		Jun	Jul	Aug	Sep	Oct
B10720	Fabrication of HPL Composite Panel System	[Blue bar]				
B10730	Casted-in Items Installation	[Green bar]				
B10740	Steel Frame Installation	[Green bar]				
B10750	HPL Cladding Panel Installation	[Green bar]				
200 - Inbound/Outbound Vehicle Detection Area						
ER5810	Construction of the Area and Access to the Interface Contractor	[Green bar]				
202 - Outbound Cargo Mobile X-ray Operation Area						
ER5790	Radiation Screen Wall Construction	[Blue bar]				
ER5820	Construction of the Area and Access to the Interface Contractor	[Green bar]				
211 - ImmD GV Secondary Examination Bays Outbound						
ER5840	Construction of the Bays and Access to the Interface Contractor	[Green bar]				
External Works for Portion N						
Works in Location 1.7A						
EU1540	ELV Works & T&C in Location 1.7A	[Red bar]				
Drainage Works						
ED4620	Drainage Works (964m & 56MHs), Stage 1 (Southern)	[Blue bar]				
ED4650	Sewerage (383m & 12MHs), Stage 1 (Southern)	[Red bar]				
ED5750	Drainage Works (963m & 55MHs), Stage 2 (Northern)	[Red bar]				
ED5760	Sewerage (383m & 12MHs), Stage 2 (Northern)	[Red bar]				
Waterpipe Laying						
EW4530	Fresh Water Main Laying (641m)	[Blue bar]				
EW4540	Flushing Water Main Laying (413m)	[Blue bar]				
SW9300	Chilled Water Pipe Laying in Portion N (external)	[Green bar]				
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting						
EU5460	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV	[Red bar]				
EU5470	Duct & Cable Laying for TCSS & Lighting	[Red bar]				
Roadworks						
ER4620	Subbase (6475 ton)	[Red bar]				
ER4650	Bitumen Pavement (10144ton)	[Red bar]				
ER4660	Rigid Pavement (183 m3), Footpath & EVA	[Red bar]				
Road Furniture						
ER4600	Road Furniture (KD25)	[Red bar]				
PORTION P						
Portion Structure						
Retaining Wall RW1						
RW1110	Construction of Retaining Wall RW1 (U-shape, 5 bays)	[Blue bar]				
RW1140	Backfilling RW1	[Red bar]				
RW1150	Parapet RW1 (20 pours)	[Red bar]				
Portion P Buildings						
105 IMMDD Guard Booth, Portion P						
A10510	Excavation + Blinding	[Blue bar]				
A10520	Substructure (Raft Foundation)	[Red bar]				
A10530	On Grade Ground Slab	[Red bar]				
A10540	Finishing	[Green bar]				
E10500	BS for Office Accommodations (KD9)	[Green bar]				
E10510	BS + E&M for Office Accommodation (KD10)	[Green bar]				
E10520	Other BS + E & M Installation	[Red bar]				
Facade Envelop Structure Installation						
A10560	Shop Drawing Submission and Approval	[Blue bar]				

- █ Actual Work
- █ Remaining Work
- █ Critical
- ◆ Milestone

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A10570	Casted-in Items Installation		█			
A10580	Steel Frame Installation			█		
A10590	Envelop Cladding and Roofing Panel Installation				█	
External Works for Portion P						
Drainage Works						
ED4670	Drainage Works (2957m & 128MHs)	█	█	█	█	█
ED4790	Sewerage (269m & 7MHs)	█	█	█	█	█
Waterpipe Laying						
EW4680	Fresh Water Main Laying (1270m)	█	█	█	█	█
EW4690	Flushing Water Main Laying (455m)	█	█	█	█	█
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting						
EU5480	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV			█	█	█
EU5600	ELV Installation				█	█
EU5640	Access date to Telephone Companies				◆	
Roadworks						
ER4770	Subbase (16519 ton)		█	█	█	█
ER4800	Bitumen Pavement (23958 ton)			█	█	█
ER4810	Rigid Pavement (220 m3), Footpath & EVA			█	█	█
Road Furniture						
ER4750	Road Furniture				█	█
PORTION Q						
External Works for Portion Q						
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting						
ED5570	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV		█	█	█	█
ED5580	Duct & Cable Laying for TCSS & Lighting		█	█		
EU1490	ELV System Installation for Contract HY/2013/04		█	█		
Roadworks						
AS0170	Initial Survey		█			
AS1810	C3-S1 Slope Construction		█	█		
AS1820	C3-S2 Slope Construction		█	█		
ER4920	Subbase (104 ton)			█	█	█
ER4950	Bitumen Pavement (215 ton)				█	█
PORTION R						
Portion R Building						
002 - C&ED Observation Guard Booth, Portion R						
D00210	Excavation + Blinding		█			
D00220	Raft Foundation		█	█		
D00230	Superstructure			█	█	█
D00240	Finishing				█	█
D00250	BS for Office Accommodations (KD9)				█	█
D00260	BS + E&M for Office Accommodation (KD10)					█
D00270	Other BS + E & M Installation					█
External Works for Portion R						
Drainage Works						
ED4960	Drainage Works (1040m & 70MHs)	█	█	█	█	█
ED5080	Sewerage (272m & 7MHs)	█	█	█	█	█
Waterpipe Laying						
EW4970	Fresh Water Main Laying (614m)		█	█	█	█
EW4980	Flushing Water Main Laying (222m)		█	█	█	█

█ Actual Work
█ Remaining Work
█ Critical
◆ Milestone

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Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting						
EU5500	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV				[Red bar]	
EU5510	Duct & Cable Laying for TCSS & Lighting				[Red bar]	
Roadworks						
ER5060	Subbase (1734 ton)					[Red bar]
Landscape Works						
A5170	Design and Procurement for Irrigation System	[Blue bar]	[Red bar]			
A5190	All landscape Soft & Hard Works	[Blue bar]				

[Blue bar]	Actual Work
[Green bar]	Remaining Work
[Red bar]	Critical
◆ ◆	Milestone

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Activity ID	Activity Name
Hong Kong-Zhuhai_Macao Bridge Hong Kong Boundary Crossin	
Key Dates	
A1000	Acceptance of Contract
A1010	Commencement of Works
A1020	Excision of Phase 2 (Section II & III)
A1120	KD1 (Phase 1 / Section I) (28 Kiosks)
A1470	KD2 (Phase 2 / Section II) (2 Kiosks)
A1480	KD3 (Phase 2 / Section III) (42 Kiosks)
Interface Activities	
A6860	Interface Management Plan Submission between C6 and C1
A6865	Interface Management Plan between C6 and C1 reviewed by Engineer
A6870	Detailed Interface Document Submission between C6 and C1
A6875	Detailed Interface Document between C6 and C1 reviewed by Engineer
A6880	Interface Management Plan Submission between C6 and C3
A6885	Interface Management Plan between C6 and C3 reviewed by Engineer
A6890	Detailed Interface Document Submission between C6 and C3
A6895	Detailed Interface Document between C6 and C3 reviewed by Engineer
A6900	Interface Management Plan Submission between C6 and C8
A6905	Interface Management Plan between C6 and C8 reviewed by Engineer
A6910	Detailed Interface Document Submission between C6 and C8
A6915	Detailed Interface Document between C6 and C8 reviewed by Engineer
Site and Facility Inspection	
A4730	Pre Site and Facility Inspection by Contractor at Location 1 - Deg1
A4740	Joint Site and Facility Inspection with Interface Contractor at Location 1 - Deg1
A4760	Pre Site and Facility Inspection by Contractor at Location 2 - Deg1
A4770	Joint Site and Facility Inspection with Interface Contractor at Location 2 - Deg1
A4772	Pre Site and Facility Inspection by Contractor at Location 2 - Deg2
A4774	Joint Site and Facility Inspection with Interface Contractor at Location 2 - Deg2
A4775	Joint Site and Facility Inspection with Interface Contractor at Location 2 for Server Installation
A4780	Pre Site and Facility Inspection by Contractor at Location 3 - Deg1
A4790	Joint Site and Facility Inspection with Interface Contractor at Location 3 - Deg1
A4800	Pre Site and Facility Inspection by Contractor at Location 3 - Deg2
A4810	Joint Site and Facility Inspection with Interface Contractor at Location 3 - Deg2
A4820	Pre Site and Facility Inspection by Contractor at Location 3a - Deg1
A4830	Joint Site and Facility Inspection with Interface Contractor at Location 3a - Deg1
A4840	Pre Site and Facility Inspection by Contractor at Location 3a - Deg2
A4850	Joint Site and Facility Inspection with Interface Contractor at Location 3a - Deg2
A4851	Joint Site and Facility Inspection with Interface Contractor at Location 3a for Server Installation
A4860	Pre Site and Facility Inspection by Contractor at Location 4 - Deg1
A4870	Joint Site and Facility Inspection with Interface Contractor at Location 4 - Deg1
A4880	Pre Site and Facility Inspection by Contractor at Location 4 - Deg2
A4890	Joint Site and Facility Inspection with Interface Contractor at Location 4 - Deg2
A4891	Pre Site and Facility Inspection by Contractor at Location 4a - Deg1



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Hong Kong-Zhuhai-Macao Bridge
Hong Kong Boundary Crossing
Facilities - Automatic Vehicle
Clearance Support System (AVCSS)



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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
A4892	Joint Site and Facility Inspection with Interface Contractor at Location 4a - Deg1																		
A4900	Pre Site and Facility Inspection by Contractor at Location 4a - Deg2																		
A4910	Joint Site and Facility Inspection with Interface Contractor at Location 4a - Deg2																		
A4920	Pre Site and Facility Inspection by Contractor at Location 5 - Deg1																		
A4930	Joint Site and Facility Inspection with Interface Contractor at Location 5 - Deg1																		
A4940	Pre Site and Facility Inspection by Contractor at Location 5 - Deg2																		
A4950	Joint Site and Facility Inspection with Interface Contractor at Location 5 - Deg2																		
A4960	Pre Site and Facility Inspection by Contractor at Location 6 - Deg1																		
A4970	Joint Site and Facility Inspection with Interface Contractor at Location 6 - Deg1																		
A4980	Pre Site and Facility Inspection by Contractor at Location 6 - Deg2																		
A4990	Joint Site and Facility Inspection with Interface Contractor at Location 6 - Deg2																		
A5000	Pre Site and Facility Inspection by Contractor at Location 7 - Deg1																		
A5010	Joint Site and Facility Inspection with Interface Contractor at Location 7 - Deg1																		
A5020	Pre Site and Facility Inspection by Contractor at Location 8 - Deg1																		
A5030	Joint Site and Facility Inspection with Interface Contractor at Location 8 - Deg1																		
A5040	Pre Site and Facility Inspection by Contractor at Location 8 - Deg2																		
A5050	Joint Site and Facility Inspection with Interface Contractor at Location 8 - Deg2																		
A5060	Pre Site and Facility Inspection by Contractor at Location 9 - Deg1																		
A5070	Joint Site and Facility Inspection with Interface Contractor at Location 9 - Deg1																		
A5080	Pre Site and Facility Inspection by Contractor at Location 9 - Deg2																		
A5090	Joint Site and Facility Inspection with Interface Contractor at Location 9 - Deg2																		
A5100	Pre Site and Facility Inspection by Contractor at Location 10 - Deg1																		
A5110	Joint Site and Facility Inspection with Interface Contractor at Location 10 - Deg1																		
A5120	Pre Site and Facility Inspection by Contractor at Location 10 - Deg2																		
A5130	Joint Site and Facility Inspection with Interface Contractor at Location 10 - Deg2																		
A5140	Pre Site and Facility Inspection by Contractor at Location 11 - Deg1																		
A5150	Joint Site and Facility Inspection with Interface Contractor at Location 11 - Deg1																		
A5160	Pre Site and Facility Inspection by Contractor at Location 11 - Deg2																		
A5170	Joint Site and Facility Inspection with Interface Contractor at Location 11 - Deg2																		
A5180	Pre Site and Facility Inspection by Contractor at Location 12 - Deg1																		
A5190	Joint Site and Facility Inspection with Interface Contractor at Location 12 - Deg1																		
A5200	Pre Site and Facility Inspection by Contractor at Location 12 - Deg2																		
A5210	Joint Site and Facility Inspection with Interface Contractor at Location 12 - Deg2																		
A5220	Pre Site and Facility Inspection by Contractor at Location 13 - Deg1																		
A5230	Joint Site and Facility Inspection with Interface Contractor at Location 13 - Deg1																		
A5240	Pre Site and Facility Inspection by Contractor at Location 13 - Deg2																		
A5250	Joint Site and Facility Inspection with Interface Contractor at Location 13 - Deg2																		
A5260	Pre Site and Facility Inspection by Contractor at Location 14 - Deg1																		
A5270	Joint Site and Facility Inspection with Interface Contractor at Location 14 - Deg1																		
A5300	Pre Site and Facility Inspection by Contractor at Location 15 - Deg1																		
A5310	Joint Site and Facility Inspection with Interface Contractor at Location 15 - Deg1																		
A5320	Pre Site and Facility Inspection by Contractor at Location 15 - Deg2																		
A5330	Joint Site and Facility Inspection with Interface Contractor at Location 15 - Deg2																		
A5340	Pre Site and Facility Inspection by Contractor at Location 16 - Deg1																		
A5350	Joint Site and Facility Inspection with Interface Contractor at Location 16 - Deg1																		

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Hong Kong-Zhuhai-Macao Bridge
Hong Kong Boundary Crossing
Facilities - Automatic Vehicle
Clearance Support System (AVCSS)



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Activity ID	Activity Name	2015		2016				2017				2018				2019	
		Q2	Q3	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
A5360	Pre Site and Facility Inspection by Contractor at Location 16 - Deg2																
A5370	Joint Site and Facility Inspection with Interface Contractor at Location 16 - Deg2																
A5375	Pre Site and Facility Inspection by Contractor at Location 17 - Deg1																
A5378	Joint Site and Facility Inspection with Interface Contractor at Location 17 - Deg1																
A5380	Pre Site and Facility Inspection by Contractor at Location 17 - Deg2																
A5390	Joint Site and Facility Inspection with Interface Contractor at Location 17 - Deg2																
A5395	Pre Site and Facility Inspection by Contractor at Location 18 - Deg1																
A5396	Joint Site and Facility Inspection with Interface Contractor at Location 18 - Deg1																
A5400	Pre Site and Facility Inspection by Contractor at Location 18 - Deg2																
A5410	Joint Site and Facility Inspection with Interface Contractor at Location 18 - Deg2																
A5420	Pre Site and Facility Inspection by Contractor at Location 19 - Deg1																
A5430	Joint Site and Facility Inspection with Interface Contractor at Location 19 - Deg1																
A5440	Pre Site and Facility Inspection by Contractor at Location 19 - Deg2																
A5450	Joint Site and Facility Inspection with Interface Contractor at Location 19 - Deg2																
A5470	Pre Site and Facility Inspection by Contractor at Inbound Vehicle Clearance Plaza																
A5480	Joint Site and Facility Inspection with Interface Contractor at Inbound Vehicle Clearance Plaza																
A5490	Pre Site and Facility Inspection by Contractor at Outbound Vehicle Clearance Plaza																
A5550	Joint Site and Facility Inspection with Interface Contractor at Outbound Vehicle Clearance Plaza																
Access Dates		<ul style="list-style-type: none"> ◆ Location 1(PCB (001) Basement)-Deg1 (270d), 10-May-16* ◆ Location 1(PCB (001) ELV Room (Grid Line E3))-Deg1 (270d), 10-May-16* ◆ Location 2(PCB (001) First Floor Main Server Room)-Deg1 (330d), 09-Jul-16* ◆ Location 2(PCB (001) First Floor Main Server Room)-Deg2 (380d), 28-Aug-16* ◆ Location 2(PCB (001) First Floor Main Server Room) - For Server Installation, 28-Aug-16* ◆ Location 2(PCB (001) Ground Floor ELV Room (Grid Line E3)) - Deg1 (330d), 09-Jul-16* ◆ Location 2(PCB (001) Ground Floor DOH Port Health Control Room (Grid Line BD5)) - Deg1 (330d), 09-Jul-16* ◆ Location 2(PCB (001) Ground Floor DOH Port Health Control Room (Grid Line BD5)) - Deg2 (380d), 28-Aug-16* ◆ Location 3(Inbd Cargo Exam Bldg (037) MDF Room)-Deg1 (400d), 17-Sep-16* ◆ Location 3(Inbd Cargo Exam Bldg (037) ELV Room)-Deg1 (400d), 17-Sep-16* ◆ Location 3(Inbd Cargo Exam Bldg (037) Platform Control Room)-Deg1 (400d), 17-Sep-16* ◆ Location 3(Inbd Cargo Exam Bldg (037) Platform Control Room)-Deg2 (500d), 17-Sep-16* ◆ Location 3(Inbd Cargo Exam Bldg (037) Inspector Offices 128,129,130,131,128,129,140,141)-Deg1 (400d), 17-Sep-16* ◆ Location 3(Inbd Cargo Exam Bldg (037) Inspector Offices 128,129,130,131,128,129,140,141)-Deg2 (500d), 17-Sep-16* ◆ Location 3a(Inbd Cargo Exam Bldg ROCARS Room)-Deg1 (-), 17-Sep-16* ◆ Location 3a(Inbd Cargo Exam Bldg ROCARS Room)-Deg2 (480d), 06-Dec-16* ◆ Location 3a(Inbd Cargo Exam Bldg Main Server Room)-Deg1 (-), 17-Sep-16* ◆ Location 3a(Inbd Cargo Exam Bldg Main Server Room)-Deg2 (480d), 06-Dec-16* ◆ Location 3a(Inbd Cargo Exam Bldg Main Server Room) - For Server installation, 06-Dec-16* ◆ Location 4(Outbd Cargo Exam Bldg (023))-Deg1 (530d), 25-Jan-17* ◆ Location 4(Outbd Cargo Exam Bldg (023))-Deg2 (680d), 24-Jun-17* ◆ Location 4a(Outbd Cargo Exam Bldg (023))-Deg1 (-), 25-Jan-17* 															

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Hong Kong-Zhuhai-Macao Bridge
Hong Kong Boundary Crossing
Facilities - Automatic Vehicle
Clearance Support System (AVCSS)



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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
A1162	Location 4a(Outbd Cargo Exam Bldg (023))-Deg2 (630d)																		
A1170	Location 5(Common Utility Enclosure & Staff Subway)-Deg1 (320d)																		
A1180	Location 5(Common Utility Enclosure & Staff Subway)-Deg2 (-)																		
A1190	Location 6(Common Utility Enclosure & Staff Subway)-Deg1 (400d)																		
A1200	Location 6(Common Utility Enclosure & Staff Subway)-Deg2 (-)																		
A1210	Location 7(Common Utility Enclosure & Staff Subway)-Deg1 (270d)																		
A1230	Location 8(Inbd Private Car Annex (025))-Deg1 (430d)																		
A1240	Location 8(Inbd Private Car Annex (025))-Deg2 (580d)																		
A1241	Location 8(Inbd Private Car Annex (025) Canopy)-Deg1 (430d)																		
A1242	Location 8(Inbd Private Car Annex (025) Canopy)-Deg2 (580d)																		
A1250	Location 9(Outbd Private Car Annex (032))-Deg1 (520d)																		
A1260	Location 9(Outbd Private Car Annex (032))-Deg2 (660d)																		
A1261	Location 9(Outbd Private Car Annex (032) Canopy)-Deg1 (520d)																		
A1262	Location 9(Outbd Private Car Annex (032) Canopy)-Deg2 (660d)																		
A1270	Location 10(Shuttle Bus Kiosks (006))-Deg1 (480d)																		
A1280	Location 10(Shuttle Bus Kiosks (006))-Deg2 (550d)																		
A1281	Location 10(Shuttle Bus Kiosks (006) Canopy)-Deg1 (480d)																		
A1282	Location 10(Shuttle Bus Kiosks (006) Canopy)-Deg2 (550d)																		
A1290	Location 11(Outbd Coach Kiosks (009))-Deg1 (400d)																		
A1300	Location 11(Outbd Coach Kiosks (009))-Deg2 (480d)																		
A1301	Location 11(Outbd Coach Kiosks (009) Canopy)-Deg1 (400d)																		
A1302	Location 11(Outbd Coach Kiosks (009) Canopy)-Deg2 (480d)																		
A1303	Location 11(Inbd Coach Kiosks (010))-Deg1 (400d)																		
A1304	Location 11(Inbd Coach Kiosks (010))-Deg2 (480d)																		
A1305	Location 11(Inbd Coach Kiosks (010) Canopy)-Deg1 (400d)																		
A1306	Location 11(Inbd Coach Kiosks (010) Canopy)-Deg2 (480d)																		
A1310	Location 12(Inbd Private Car Kiosks(027))-Deg1 (400d)																		
A1311	Location 12(Inbd Private Car Kiosks(027))-Deg2 (480d)																		
A1312	Location 12(Inbd Private Car Kiosks(027) Canopy)-Deg1 (400d)																		
A1313	Location 12(Inbd Private Car Kiosks(027) Canopy)-Deg2 (480d)																		
A1314	Location 12(Inbd GV Kiosks (028))-Deg1 (400d)																		
A1315	Location 12(Inbd GV Kiosks (028))-Deg2 (480d)																		
A1316	Location 12(Inbd GV Kiosks (028) Canopy)-Deg1 (400d)																		
A1317	Location 12(Inbd GV Kiosks (028) Canopy)-Deg2 (480d)																		
A1318	Location 12(Outbd GV Kiosks (029))-Deg1 (400d)																		
A1319	Location 12(Outbd GV Kiosks (029))-Deg2 (480d)																		
A1320	Location 12(Outbd GV Kiosks (029) Canopy)-Deg1 (400d)																		
A1321	Location 12(Outbd GV Kiosks (029) Canopy)-Deg2 (480d)																		
A1330	Location 13(Outbd Private Car Kiosks (030))-Deg1 (480d)																		
A1340	Location 13(Outbd Private Car Kiosks (030))-Deg2 (550d)																		
A1341	Location 13(Outbd Private Car Kiosks (030) Canopy)-Deg1 (480d)																		
A1342	Location 13(Outbd Private Car Kiosks (030) Canopy)-Deg2 (550d)																		
A1350	Location 14(Future-Outbd/Inbd Private Car Kiosks)-Deg1 (610d)																		
A1370	Location 15(Inbd Traffic Control Kiosk (100))-Deg1 (400d)																		
A1380	Location 15(Inbd Traffic Control Kiosk (100))-Deg2 (480d)																		

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Hong Kong-Zhuhai-Macao Bridge
Hong Kong Boundary Crossing
Facilities - Automatic Vehicle
Clearance Support System (AVCSS)



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		Q2	Q3	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
A1390	Location 16(Outbd Traffic Control Kiosk (101))-Deg1 (400d)																		
A1400	Location 16(Outbd Traffic Control Kiosk (101))-Deg2 (480d)																		
A1410	Location 17(Inbd Private Car Exam Bldg(033))-Deg1 (-)																		
A1420	Location 17(Inbd Private Car Exam Bldg(033))-Deg2 (550d)																		
A1430	Location 18(Outbd Private Car Exam Bldg(024))-Deg1 (-)																		
A1440	Location 18(Outbd Private Car Exam Bldg(024))-Deg2 (670d)																		
A1450	Location 19(DOH Cargo Clearance Bldg(043))-Deg1 (-)																		
A1460	Location 19(DOH Cargo Clearance Bldg(043))-Deg2 (550d)																		
A1461	Underground Ducting between Inbd Cargo Exam Bldg (037) and DOH Cargo Clearance Bldg (043) and CUE																		
A1462	Underground Ducting between Inbd Cargo Exam Bldg (037) and Inbd Vehicle Clearance Plaza																		
A1463	Underground Ducting between CUE and Outbd Car Exam Bldg (023)																		
A1464	Underground Ducting Between Outbd Cargo Exam Bldg (023) and Outbd Vehicle Clearance Plaza																		
A1465	Underground Ducting between CUE and Outbd Vehicle Clearance Plaza																		
A1466	Underground Ducting between CUE and Inbd P. Car Annex (025) and Shuttle Bus Kiosks (006)																		
A1467	Underground Ducting between PCB(001) and Inbd Coach Kiosks(010)																		
A1468	Underground Ducting between CUE and Outbd PCA (032)																		
A1478	Inbound Vehicle Clearance Plaza (Assume same as Location 3)																		
A1488	Outbound Vehicle Clearance Plaza (Assume same as Location 4 degree 1 + 51 day)																		
Interfaces Provisions																			
A7000	Inbound VID foundation and mounting structure (assume same as Access date of Inbound Vehicle Clearance Plaza)																		
A7010	Inbound VTS foundation and mounting poles (assume same as Access date of Inbound Vehicle Clearance Plaza)																		
A7020	Inbound TLS foundation and mounting poles (assume same as Access date of Inbound Vehicle Clearance Plaza)																		
A7030	Outbound VID foundation and mounting structure (assume same as Access date of Outbound Vehicle Clearance Plaza)																		
A7040	Outbound VTS foundation and mounting poles (assume same as Access date of Outbound Vehicle Clearance Plaza)																		
A7050	Outbound TLS foundation and mounting poles (assume same as Access date of Outbound Vehicle Clearance Plaza)																		
WA4 Site Erection & Servicing																			
A1740	Possession of Site																		
A1750	Method Statement & Drawing																		
A1760	Place Order to prepare materials																		
A1770	Review, revise and approve method statement																		
A1780	Equipment mobilization and construction material delivered to the site																		
A1790	Set up the alignment and level of the u-channel																		
A1800	Trial pit excavation																		
A1801	Excavation for chain-link fence footing																		
A4540	Underground Utility detection																		
A4550	Delivery of asphalt and fencing materials																		
A4560	Trimming and leveling soil surface for paving asphalt material																		
A4570	Remove the vegetation and lose material on the soil surface by backhoe																		
A4580	Set out the alignment and level of the u-channel																		

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A4590	Installation of fencing post along the site boundary																	
A4600	Excavation for underground drainage pipe																	
A4610	Evenly spread the asphalt scrap material by backhoe																	
A4620	Cast concrete for the u-channel and underground drainage pipe																	
A4630	Remove the u-channel framework																	
A4640	Installation of chain-link fencing along the site boundary																	
A4650	Installation of access doors																	
A4660	Excavation for drainage ditch																	
A4670	Cast concrete for the drainage ditch																	
A4680	Compact the asphalt scrap material																	
A4690	Land surveying																	
A4700	Inspection of chain-link fencing and access doors																	
A4710	Testing of drains																	
A4720	Completion of the works																	
Detailed Design Specification																		
A1808	Preliminary System Proposal Submission																	
A1809	Engineer's agreement with preliminary system proposal																	
A1810	Draft Detailed Design Specification (DDS) Submission																	
A1814	Draft Hardware Function Design Specification for Computer system and Network system (HFD)																	
A1815	Draft Software Function Design Specification for Computer system and Network system (SFD)																	
A1820	Engineer's Review and Approval for Draft Detailed Design Specification (DDS)																	
A1823	Engineer's Review and Approval for Draft Hardware FDS for Computer system and Network system (HFD)																	
A1824	Engineer's Review and Approval for Draft Software FDS for Computer system and Network system (SFD)																	
A1829	Interface Requirements for CED (LBS, CED IT Server, Metro-Ethernet) and IMMD (AVCS)																	
A1830	Final DDS Submission (AVCSS,VTS,VIDS)(Phase 1/Section I)																	
A1831	Development of System Security Plan																	
A1840	Engineer's Review and Approval for Final DDS Submission including System Security Plan (AVCSS)(Phase 1/Section I)																	
A1850	Final DDS Submission (AVCSS)(Phase 2/Section II&III)																	
A1860	Engineer's Review and Approval for DDS Submission (AVCSS)(Phase 2/Section II&III)																	
Construction Design and Management																		
A6920	Construction Health and Safety Plan Submission																	
A6930	Construction Health and Safety Plan reviewed by Engineer																	
Supply/Manufacture Mock-up items																		
A4749	Preparation of Kiosk equipment Mock-up																	
A4750	Installation of Kiosk equipment Mock-up																	
Supply/Manufacture prototypes																		
A2900	Manufacture LED Display Prototype (VID, ODB and XDB)																	
A2910	Manufacture All-In-One Panel Prototype (AIOP)																	
Software Design, Coding and Testing																		

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Coding		05-Jan-17, Coding CCS, SURCON, SYSCON, CDDBS Development Stage 1 VTS Development Stage 1 VIDS Development Stage 1 CCS, SURCON, SYSCON, CDDBS Development Stage 2 VTS Development Stage 2 VIDS Development Stage 2															
Software System Inetgration		22-May-17, Software System Inetgration Test Plan Documentation Submission Engineer's Review and Approval for Test Plan Documentation Submission Software System Integration Test CCS/SYSCON/SURCON/CDDBS/VTS/VIDS Software Enhancement Software User Acceptance Test (UAT)															
Prototype & Software Simulation Tests		09-Sep-16, Prototype & Software Simulation Tests Prototype Test Document Engineer's Approval for Testing Document CCWS with CDDBS, SURCON and SYSCON (Software Simulation/ Software Integration Test) Vehicle Tracking System (VTS) (Software Simulation/ Software Integration Test) LED Displays (VID, ODB and XDB) All-In-One Panel (AIOP) Prototype Testing Report Submission Engineer's Approval for Prototype Testing Report															
Procurement - Phase 1 / Section I		27-Dec-16, Procurement - Phase 1 / Section I Procurement of Equipment for Phase 1/Section I Procurement of Cable and Accessories for Phase 1 /Section I Procurement of All Servers and Workstations															
Supply/Manufacture products for FAT		10-Nov-16, Supply/Manufacture products for FAT Supply/Manufacture LED Display (ODB, VID and XDB) for FAT Supply/Manufacture All-In-One Panel (AIOP) for FAT Supply/Manufacture off-the-shelf equipment for FAT															
Factory Acceptance Test (FAT)		12-Dec-16, Factory Acceptance Test (FAT) FAT Procedure Document Engineer's Approval for FAT Procedure Document FAT for Licence Plate Recognition System (LPRS) FAT for PA/Intercom FAT for ODB FAT for XDB FAT for VID FAT for Video Management System (VMS) FAT for Vehicle Tracking System (VTS) FAT for Communication Network (CMN) FAT for All-In-One Panel (AIOP) FAT for AVCSS System Test FAT Report Submission															

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A4370	Engineer's Approval for FAT Report Submission																			
Supply/Manufacture Equipment																				
A6830	Supply/Manufacture LED (ODB, VID and XDB) Display for installation																			
A6840	Supply/Manufacture AIOF for installation																			
Delivery and Bench Acceptance Test for Phase 1/ Section I																				
A6740	Material On-Site for Phase 1/Section I																			
A6750	Material Bench Acceptance Test for Phase 1/Section I																			
A6850	Cable On-Site for Phase 1/Section I																			
A6960	AIOF On-Site for Phase 1/Section I																			
A6970	AIOF Bench Acceptance Test for Phase 1/Section I																			
A6980	LED (ODB, VID and XDB) On-Site for Phase 1/Section I																			
A6990	LED (ODB, VID and XDB) Bench Acceptance Test for Phase 1/Section I																			
Installation - Phase 1 / Section I																				
Location 1(PCB (001) Basement)																				
A3081	Cable Laying and termination at Location 1 and Location 2																			
Location 1(PCB (001) ELV Room (Grid Line E3))																				
A3101	Cable Laying and termination at Location 1 and Location 2																			
Location 2(PCB (001) Ground Floor ELV Room (Grid Line E3))																				
A3121	Cable Laying and termination at Location 1 and Location 2																			
Location 2(PCB (001) Ground Floor DOH Port Health Control Room (Grid Line BD))																				
A2041	Cable Laying and termination at Location 1 and Location 2																			
A2042	Cable Testing																			
A2043	Intercom and PA system Installation																			
A2044	Intercom and PA system tuning																			
Location 2(PCB (001) First Floor Main Server Room)																				
A2001	Cable Laying and termination at Location 1 and Location 2																			
A2002	Cable Testing																			
A2003	AVCSS Network and Server Installation																			
A2004	AVCSS Network and Server Tuning																			
Location 3(Inbd Cargo Exam Bldg (037) Inspector Offices 128,129,130,131,128,12)																				
A3241	Cable Laying and termination in Location 3 and Location 3a																			
A3242	AVCSS SURCON WS and 55" LCD Installation																			
A3243	VTS WS Installation																			
A3245	SURCON, WS Tuning																			
Location 3(Inbd Cargo Exam Bldg (037) ELV Room)																				
A3210	Cable Laying and termination between Location 3 and CUE																			
Location 3(Inbd Cargo Exam Bldg (037) Platform Control Room)																				
A2071	Cable Laying and termination in Location 3 and Location 3a																			
A2072	AVCSS SYSCON WS and 55" TV Wall Installation																			
A2074	AVCSS SYSCON WS Tuning																			
Location 3(Inbd Cargo Exam Bldg (037) MDF Room)																				
A3190	Cable Laying and termination between Location 3 and CUE																			
Location 3a(Inbd Cargo Exam Bldg (037) ROCARS Room)																				
A2091	Cable Laying and termination in Location 3 and Location 3a																			
A2092	AVCSS SYSCON,SURCON and Intercom Installation																			

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A2093	VTS WS Installation																
A2094	VID WS Installation																
A2096	SURCON, SYSCON, WS Tuning																
Location 3a(Inbd Cargo Exam Bldg Main Server Room)																	
A3330	Cable Laying and termination in Location 3 and Location 3a																
A3340	AVCSS Server Installation																
A3350	VTS Server Installation																
A3360	Servers Tuning																
Location 4(Outbd Cargo Exam Bldg (023) MDF Room)																	
A3410	Cable Laying and termination between CUE and Location 4																
Location 4 and 4a(Outbd Cargo Exam Bldg (023) ROCARS Room)																	
A3370	Cable Laying and termination in Location 4 and 4a																
A3380	AVCSS SYSCON, SURCON and Intercom Installation																
A3390	VTS WS Installation																
A3400	SYSCON, SURCON, WS Tuning																
Location 5(Common Utility Enclosure & Staff Subway)																	
A3430	Cable Laying between Location 5 and Location 7																
A3440	Cable Laying between Location 5 and Location 6																
A3480	ODB Switch Installation at EL Room 2-7																
Location 6(Common Utility Enclosure & Staff Subway)																	
A3450	Cable Laying between Location 5 and Location 6																
A3490	ODB Switch Installation at EL Room 8-9,11-12																
Location 7(Common Utility Enclosure & Staff Subway)																	
A3470	Cable Laying between Location 5 and Location 7																
Location 12(Inbd Private Car Kiosks,GV Kiosks (027,028,029))																	
Inbd Private Car Kiosks(027) - 9 nos (Phase 1)																	
A2452	Cable Containment in Kiosks																
A2453	Cable Laying and termination																
A2454	Cable Splicing, Testing and Labeling																
A2460	AVCSS/DOH/MOM Kiosk Equipment Installation (9 nos)																
A2470	ODB & XDB installation (9 nos)																
A4380	Inbd Private Car Kiosk Installation Complete																
Inbd Goods Vehicle Kiosks(028) - 5 nos (Phase 1)																	
A2532	Cable Containment in Kiosks																
A2533	Cable Laying and termination																
A2534	Cable Splicing, Testing and Labeling																
A2540	AVCSS/DOH/MOM Kiosk Equipment Installation (5 nos)																
A2550	AIOP Installation (5 nos)																
A2560	ODB & XDB installation (5 nos)																
A4390	Inbd Goods Vehicle Kiosks Installation Complete																
Outbd Goods Vehicle Kiosks(029) - 5 nos (Phase 1)																	
A2572	Cable Containment in Kiosks																
A2573	Cable Laying and termination																
A2574	Cable Splicing, Testing and Labeling																
A2580	AVCSS/DOH/MOM Kiosk Equipment Installation (5 nos)																

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A2590	AIOP Installation (5 nos)																	
A2600	ODB & XDB installation (5 nos)																	
A4400	Outbd Goods Vehicle Kiosks Installation Complete																	
Location 13(Outbd Private Car Kiosks (030)) - 9 nos (Phase 1)																		
A3582	Cable Containment in Kiosks																	
A3583	Cable Laying and termination																	
A3584	Cable Splicing, Testing and Labeling																	
A3590	AVCSS/DOH/MOM Kiosk Equipment Installation (9 nos)																	
A3600	ODB & XDB installation (9 nos)																	
A4410	Outbd Private Car Kiosks Installation Complete																	
Location 14(Future-Outbd/Inbd Private Car Kiosks) - 6+6 nos																		
A2441	Cable Laying and termination at ELV Room in CUE																	
Location 15(Inbd Traffic Control Kiosk (100))																		
A3651	Cable Laying and termination																	
A3652	AVCSS SYSCON, SURCON Installation																	
A3660	VTS WS and 55" LCD Installation																	
A3670	SYSCON, SURCON, WS Tuning																	
Location 16(Outbd Traffic Control Kiosk (101))																		
A3701	Cable Laying and termination																	
A3702	AVCSS SYSCON, SURCON Installation																	
A3710	VTS WS and 55" LCD Installation																	
Location 17(Inbd Private Car Exam Bldg(033) Operational Office)																		
A3750	Cable Laying and termination																	
A3760	AVCSS SURCON and 55" LCD Installation																	
A3770	SURCON Tuning																	
Location 18 (Outbd Private Car Exam Bldg(024) Operational Office)																		
A3780	Cable Laying and termination																	
A3790	AVCSS SURCON and 55" LCD Installation																	
Location 19 (DOH Cargo Clearance Bldg(043))																		
A2111	Cable Laying and termination between Location 19 and CUE																	
A2112	Cable Laying in Location 19																	
A2113	PA and Intercom Installation																	
A2123	PA and Intercom Tuning																	
Inbd Vehicle Clearance Plaza - 8 nos VID, 7 nos VTS, 4 nos TLS																		
A4050	Inbound VID cabling from pillar box to VID field equipment																	
A4052	Inbound VTS cabling from pillar box to VTS field equipment																	
A4054	Inbound TLS cabling from pillar box to TLS field equipment																	
A4060	Inbound VID field equipment installation (8 VID)																	
A4062	Inbound VTS field equipment installation (4 RFID + 3 Cameras)																	
A4064	Inbound TLS field equipment installation (4 TLS)																	
A4066	Inbound VID, VTS and TLS field equipment tuning																	
Outbd Vehicle Clearance Plaza - 8 nos VID, 6 nos VTS, 4 nos TLS																		
A4110	Outbound VID cabling from pillar box to VID field equipment																	
A4120	Outbound VTS cabling from pillar box to VTS field equipment																	
A4130	Outbound TLS cabling from pillar box to TLS field equipment																	

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A4140	Outbound VID field equipment installation (8 VID)																	
A4150	Outbound VTS field equipment installation (3 RFID + 3 Cameras)																	
A4170	Outbound TLS field equipment installation (4 TLS)																	
A4180	Outbound VID, VTS and TLS field equipment tuning																	
Underground Ducting between Inbd Cargo Exam Bldg (037) and CUE																		
A3810	Cable Laying and termination (note: Access Date by C03)																	
Underground Ducting between Inbd Cargo Exam Bldg (037) and Inbd Vehicle Clea																		
A3830	Cable Laying and termination (note: Access Date by C03)																	
Underground Ducting between CUE and Outbd Car Exam Bldg (023)																		
A3850	Cable Laying and termination (note: Access Date by C03)																	
Underground Ducting Between Outbd Cargo Exam Bldg (023) and Outbd Vehicle C																		
A3870	Cable Laying and termination (note: Access Date by C03)																	
Underground Ducting between CUE and Outbd Vehicle Clearance Plaza																		
A3890	Cable Laying and termination (note: Access Date by C03)																	
On-Site Test and Commissioning (Phase 1 / Section I)																		
A2150	Testing & Commissioning Documents Submission (8 weeks before Testings carried out)																	
A2151	Engineer Approval for T&C Document																	
A2152	Joint Site Inspection for Permanent Power/Tele-communication for Initial on-site testing																	
A2153	Initial on-site Testing & Commissioning																	
Site Acceptance Test (Phase 1 / Section I)																		
A6601	Interface Readiness CED(LBS, CED IT, Metro-Ethernet) and IMMD (AVS)																	
A6602	SAT for AVCSS																	
A6603	SAT for Location 18 (AVCSS SURCON and 55" LCD)																	
A6630	SAT Test Document Submission																	
A6640	Software Manual Documentations Submission																	
Security Risk Assessment and Audit																		
A6800	SRAA (Assessment)																	
A6810	Fix per SRAA Assessment																	
A6820	SRAA Audit																	
Operability Period Test (Phase 1 / Section I)																		
A5610	Joint Site Inspection for utilities, telecom connection and metro ethernet for OPT																	
A5620	Operability Period Test (OPT) Phase 1																	
A5650	Operability Period Test (OPT) Phase 2																	
Completion (Phase 1 /Section I)																		
A2230	AVCSS - Certificate of Completion (Phase 1/Section I)																	
A2231	Certificate of Completion Approval by Engineer																	
Training and Document (Phase 1 /Section I)																		
A2180	Training Materials & Documentation Submission																	
A2190	Operation and Maintenance Training																	
Operation (Phase 1 /Section I)																		
A2240	Site Operation (Phase 1/Section I)																	
Engineering Support for Phase 1 / Section I																		

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A4420	Engineering Support for Phase 1/Section I																
Procurement - Phase 2 / Section II																	
A3980	Procurement of Lane Field Equipment for Phase 2/Section II																
Delivery and Bench Acceptance Test for Phase 2/Section II																	
A6760	Material On-site for Phase 2/Section II																
A6770	Bench Acceptance Test for Phase 2/Section II																
Instatllation - Phase 2 / Section II																	
Location 8(Inbd Pricate Car Annex (025)) (Phase 2)																	
A4090	Site Preparation																
A4091	Cable Containment in Kiosks																
A4093	Cable Laying and termination																
A4094	Cable Splicing, Testing and Labeling																
A4096	Mobilization of kiosk equipment																
A4100	AVCSS/DOH/MOM Kiosk Equipment Installation (1 no)																
A4430	Inbd Private Car Annex Installation Complete																
Location 9(Outbd Private Car Annex (032)) (Phase 2)																	
A4151	Site Preparation																
A4152	Cable Containment in Kiosks																
A4153	Cable Laying and termination																
A4154	Cable Splicing, Testing and Labeling																
A4156	Mobilization of kiosk equipment																
A4160	AVCSS/DOH/MOM Kiosk Equipment Installation (1 no)																
A4440	Outbd Private Car Annex Installation Complete																
Test and Commissioning (Phase 2 / Section II)																	
A2290	Testing & Commissioning Documents Submission																
A2291	Engineer Approval for T&C Document																
A2292	Initial on-site Testing & Commissioning																
A2300	Site Acceptance Tests (SAT)																
A2310	Operability Period Test (OPT)																
Completion (Phase 2 / Section II)																	
A2320	AVCSS - Certificate of Completion (Phase 2/Section II)																
A4320	Certificate of Completion Approval by Engineer																
Engineering Support for Phase 2 / Section II																	
A4450	Engineering Support for Phase 2/Section II																
Procurement for Phase2 / Section III																	
A4000	Procurement of Lane Field Equipment for Phase 2/Section III																
Delivery and Bench Acceptance Test for Phase2 / Section III																	
A6780	Material On-site for Phase 2/Section III																
A6790	Bench Acceptance Test for Phase 2/Section III																
Installation - Phase 2 / Section III																	
Location 10,11,12,13 (Vehicle Clearance Kiosks)																	
Shuttle Bus Kiosks (006) - 4 nos (Phase 2)																	
A2622	Cable Containment																

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A2623	Cable Laying and termination																
A2630	AVCSS/DOH/MOM Kiosk Equipment Installation (4 nos)																
A4460	Shuttle Bus Kiosks Installation Complete																
Outbd Coach Kiosks (009) - 4 nos (Phase 2)																	
A2662	Cable Containment																
A2663	Cable Laying and termination																
A2670	AVCSS/DOH/MOM Kiosk Equipment Installation (4 nos)																
A4470	Outbd Coach Kiosks Installation Complete																
Inbd Private Car Kiosks (027) - 12 nos (Phase 2)																	
A2742	Cable Containment																
A2743	Cable Laying and termination																
A2744	Cable Splicing, Testing and Labeling																
A2750	AVCSS/DOH/MOM Kiosk Equipment Installation (12 nos)																
A2760	Kiosk Equipment Configuration (12 nos)																
A4490	Inbd Private Car Kiosks Installation Complete																
Outbd Private Car Kiosks (030) - 12 nos (Phase 2)																	
A2782	Cable Containment																
A2783	Cable Laying and termination																
A2784	Cable Splicing, Testing and Labeling																
A2790	AVCSS/DOH/MOM Kiosk Equipment Installation (12 nos)																
A4500	Outbd Private Car Kiosks Installation Complete																
Inbd Goods Vehicle Kiosks (028) - 3 nos (Phase 2)																	
A2822	Cable Containment																
A2823	Cable Laying and termination																
A2825	Kiosk Equipment Configuration (3 nos)																
A2830	AVCSS/DOH/MOM Kiosk Equipment Installation (3 nos)																
A4510	Inbd Goods Vehicle Kiosks Installation Complete																
Outbd Goods Vehicle Kiosks (029) - 3 nos (Phase 2)																	
A2862	Cable Containment																
A2863	Cable Laying and termination																
A2865	Cable Splicing, Testing and Labeling																
A2870	AVCSS/DOH/MOM Kiosk Equipment Installation (3 nos)																
A4520	Outbd Goods Vehicle Kiosks Installation Complete																
Inbd Coach Kiosks (010) - 4 nos (Phase 2)																	
A2702	Cable Containment																
A2703	Cable Laying and termination																
A2705	Kiosk Equipment Configuration (4 nos)																
A2710	AVCSS/DOH/MOM Kiosk Equipment Installation (2 nos)																
A2720	AVCSS/DOH/MOM Kiosk Equipment Installation (2 nos)																
A4480	Inbd Coach Kiosks Installation Complete																
Underground Ducting between CUE and Shuttle Bus Kiosk (006)																	
A3970	Cable Laying and termination (note: Access Date by C03)																
Underground Ducting between PCB(001) and Inbd Coach Kiosks(010)																	
A3930	Cable Laying and termination (note: Access Date by C03)																
Test and Commissioning (Phase 2 / Section III)																	

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A2370	Testing & Commissioning Documents Submission (8 weeks before Testings carried out)																	
A2371	Engineer Approval for T&C Document																	
A2373	Initial on-site Testing & Commissioning																	
A2380	Site Acceptance Test (SAT)																	
A2390	Operation Acceptance Test (OPT)																	
Completion (Phase 2 / Section III)																		
A2400	AVCSS - Certificate of Completion (Phase 2/Section III)																	
A4330	Certificate of Completion Approval by Enginner																	
Operation (Phase 2 / Section III)																		
A2420	Site Operation (Phase 2/Section II & III)																	
Defect Liability Period (DLP)																		
A2430	DLP																	
Document Submission (Phase 2 / Section III)																		
A4340	As-built Drawings and O&M Manual																	

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