



Contract No. HK/2009/01

Wan Chai Development Phase II – Central -Wan Chai Bypass at  
Hong Kong Convention and Exhibition Centre

## Construction Activities For Three Months Rolling

Construction Activities	Dec 2016	Jan 2017	Feb 2017	Mar 2017	Apr 2017
Reinstatement of Amenity Area					
Road and Drain Works					



Activity ID	Activity Name	Ori Dur	Rem Dur	Scheduled/ Actual Start	Scheduled/ Actual Finish	Total Float	Calendar	2016																	2017		
								October				November				December				January							
								25	02	09	16	23	30	06	13	20	27	04	11	18	25	01	08	15	22		
S10-T5-2040	Tunnel Portion 5 - Excavate to Level S3 and Install Strut S3 (54,700m3@ 1100m3/d)	57	30	09-Oct-16 A	18-Nov-16	-613	Calendar Day	Tunnel Portion 5 - Excavate to Level S3 and Install Strut S3 (54,700m3@ 1100m3/d), Tunnel Portion 5 - Excavate to Final Formation Level (26,000m3@ 1100m3/d)																			
S10-T5-2050	Tunnel Portion 5 - Excavate to Final Formation Level (26,000m3@ 1100m3/d)	27	27	19-Nov-16	15-Dec-16	-613	Calendar Day	Tunnel Portion 5 - Excavate to Final Formation Level (26,000m3@ 1100m3/d)																			
S10-T5-2100	Carry out temp bulkhead breaking through between TP5 and C1	35	32	12-Sep-16 A	22-Nov-16	-525	HK Working Day	Carry out temp bulkhead breaking through between TP5 and C1, Carry out temp bulkhead breaking through between TP5 and C1																			
<b>Bay 10 (3 Cells)</b>																											
S10-T5-B10-1000	Base Slab - Trim Bored Pile & Blinding	7	7	26-Nov-16	03-Dec-16	-566	Calendar Day	Base Slab - Trim Bored Pile & Blinding, Base Slab - Trim Bored Pile & Blinding																			
S10-T5-B10-1010	Base Slab - Waterproofing	4	4	09-Dec-16	13-Dec-16	-572	Calendar Day	Base Slab - Waterproofing, Base Slab - Waterproofing																			
<b>Bay 11 (3 Cells)</b>																											
S10-T5-B11-1000	Base Slab - Trim Bored Pile & Blinding	7	7	24-Nov-16	01-Dec-16	-578	Calendar Day	Base Slab - Trim Bored Pile & Blinding, Base Slab - Trim Bored Pile & Blinding																			
S10-T5-B11-1010	Base Slab - Waterproofing	4	4	01-Dec-16	05-Dec-16	-578	Calendar Day	Base Slab - Waterproofing, Base Slab - Waterproofing																			
S10-T5-B11-1020	Base Slab - Rebar Fixing	10	10	05-Dec-16	15-Dec-16	-514	Calendar Day	Base Slab - Rebar Fixing, Base Slab - Rebar Fixing																			
S10-T5-B11-1030	Base Slab - Concrete	1	1	15-Dec-16	16-Dec-16	-514	Calendar Day	Base Slab - Concrete, Base Slab - Concrete																			
<b>Bay 12 (3 Cells)</b>																											
S10-T5-B12-1000	Base Slab - Trim Bored Pile & Blinding	7	7	22-Nov-16	29-Nov-16	-578	Calendar Day	Base Slab - Trim Bored Pile & Blinding, Base Slab - Trim Bored Pile & Blinding																			
S10-T5-B12-1010	Base Slab - Waterproofing	4	4	05-Dec-16	09-Dec-16	-578	Calendar Day	Base Slab - Waterproofing, Base Slab - Waterproofing																			
S10-T5-B12-1020	Base Slab - Rebar Fixing	10	10	09-Dec-16	19-Dec-16	-578	Calendar Day	Base Slab - Rebar Fixing, Base Slab - Rebar Fixing																			
<b>Section 11 of the Works - Remainder of Works</b>																											
<b>Demolition Works</b>																											
S11-DEMO-1100	Demolition of existing WSD salt water pumping station	53	27	13-Jun-16 A	15-Nov-16	-294	Calendar Day	Demolition of existing WSD salt water pumping station, Demolition of existing WSD salt water pumping station																			
S11-DEMO-1105	Remove marine deposit between the southern D-wall and old WSD salt water pumping station	30	30	16-Nov-16	16-Dec-16	-264	HK Working Day	Remove marine deposit between the southern D-wall and old WSD salt water pumping station																			
S11-DEMO-1300	Demolition of abandoned seawall down to +1.5mPD - at the north of Ex-Salt Water Pump Station	12	12	10-Nov-16	22-Nov-16	-76	HK Working Day	Demolition of abandoned seawall down to +1.5mPD - at the north of Ex-Salt Water Pump Station																			
<b>Formation and Hard Landscaping Works</b>																											
S11-FM-3000A	Tunnel Portion 3 & 4 Backfilling to -6mPD (90,000m3; 1,000m3/d)	102	56	09-Sep-16 A	16-Dec-16	-543	HK Working Day	Tunnel Portion 3 & 4 Backfilling to -6mPD (90,000m3; 1,000m3/d)																			
<b>Misc. Works</b>																											
<b>Removal of Temporary Reclamation</b>																											
S11-RTC-3010	Works within Temp D-Wall - Public Fill above roof to formation level of rock mound (31,800m3@1,000m3/d)	34	24	20-Aug-16 A	12-Nov-16	-221	HK Working Day	Works within Temp D-Wall - Public Fill above roof to formation level of rock mound (31,800m3@1,000m3/d)																			
S11-RTC-3020	Works within Temp D-Wall - Place rock mound to -6.0mPD (Grade 400: 6,000m3@500m3/d)	45	37	10-Oct-16 A	26-Nov-16	-568	HK Working Day	Works within Temp D-Wall - Place rock mound to -6.0mPD (Grade 400: 6,000m3@500m3/d)																			
S11-RTC-3022	Works within Temp D-Wall - Place Type A Rock fill, Geotextile and Filter to -6.0mPD	6	6	28-Nov-16	03-Dec-16	-568	HK Working Day	Works within Temp D-Wall - Place Type A Rock fill, Geotextile and Filter to -6.0mPD																			
S11-RTC-3023	Works within Temp D-Wall - Place Sorted Public Fill to -6.0mPD (18,600m3@1,550m3/d)	12	12	03-Dec-16	15-Dec-16	-568	HK Working Day	Works within Temp D-Wall - Place Sorted Public Fill to -6.0mPD (18,600m3@1,550m3/d)																			
S11-RTC-3024	Works within Temp D-Wall - Place Type A Rockfill and Filter from -6.0mPD to -2.0mPD	6	6	16-Dec-16	22-Dec-16	-568	HK Working Day	Works within Temp D-Wall - Place Type A Rockfill and Filter from -6.0mPD to -2.0mPD																			
S11-RTC-3025	Works within Temp D-Wall - Place Sorted Public Fill from -6.0mPD to -2.0mPD (17,500m3@1,450m3/d)	12	12	22-Dec-16	06-Jan-17	-568	HK Working Day	Works within Temp D-Wall - Place Sorted Public Fill from -6.0mPD to -2.0mPD (17,500m3@1,450m3/d)																			
<b>Soft Landscaping &amp; Establishment Works</b>																											
<b>Section 12 of the Works - Protection and Preservation of Existing Trees</b>																											
S12-0010	Protection and preservation of existing trees	2111	521	24-Feb-10 A	24-Mar-18	-570	Calendar Day	Protection and preservation of existing trees																			

<ul style="list-style-type: none"> <li>◆ Milestone</li> <li>◆ Critical Milestones</li> <li>■ Current Works</li> <li>■ Critical Works</li> <li>■ Remaining Level of Effort</li> </ul>	<p><b>CHUN WO - CRGL</b></p> <p><b>JOINT VENTURE</b></p>	<p><b>CEDD CONTRACT NO. HK/2009/02</b></p> <p><b>WD II - Central Wanchai Bypass at Wan Chai East (Contract 2)</b></p> <p><b>3-MONTH ROLLING PROGRAMME (dd 20-Oct-16)</b></p>	Date	Revision	Checked	Approved
			07-Jul-16	Rev. 18		



MU71		CWB - MU71 Programme Layout_1										01-Sep-16 13:40								
Activity ID	Activity Name	Physical % Complete	Original Duration	Start	Finish	Total Float	2016												2017	
							Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
<b>HY/2009/15 - Works Programme Update 20 August 2016</b>																				
<b>Stage and Section Completion</b>																				
KD_5745	KD10 - Completion of Section 5, (1863d)	100%	0d		25-Mar-16 A												◆ KD10 - Completion of Section 5, (1863d)			
KD_5750	KD11 - Completion of Section 6, (1949d)	0%	0d		30-Sep-16*	-245d											◆ KD11 - Completion of Section 6, (1949d)			
KD_5740	KD9 - Completion of Section 4, (1739d)	0%	0d		30-Sep-16*	-455d											◆ KD9 - Completion of Section 4, (1739d)			
<b>TPCWAW</b>																				
<b>TPCWAW ELS Works - East Section</b>																				
S5_61070	Demolition of bulkhead wall TPCWAE/TPCWAW	100%	34d	06-Dec-15 A	09-Jan-16 A												Demolition of bulkhead wall TPCWAE/TPCWAW			
S5_6180	East excavation to formation	100%	85d	18-Sep-15 A	24-Dec-15 A												East excavation to formation			
<b>TPCWAW-CCT RC Structure, Base Slab</b>																				
S5_60600	Waterproofing + Base slab Bay 1 (incl. removal of 7th layer struts after casting of base slab)	100%	15d	03-Dec-15 A	23-Dec-15 A												Waterproofing + Base slab Bay 1 (incl. removal of 7th layer struts after casting of base slab)			
S5_60620	Waterproofing + Base slab Bay 5	100%	11d	05-Dec-15 A	29-Dec-15 A												Waterproofing + Base slab Bay 5			
S5_60625	Waterproofing + Base slab Bay 6	100%	11d	16-Dec-15 A	19-Jan-16 A												Waterproofing + Base slab Bay 6			
S5_60630	Waterproofing + Base slab Bay 7	100%	7d	07-Jan-16 A	05-Feb-16 A												Waterproofing + Base slab Bay 7			
S5_60635	Waterproofing + Base slab Bay 8	100%	6d	12-Jan-16 A	05-Feb-16 A												Waterproofing + Base slab Bay 8			
S5_61065	Waterproofing + Base slab Bay 9 (stitching with TPCWAE)	100%	6d	15-Jan-16 A	05-Feb-16 A												Waterproofing + Base slab Bay 9 (stitching with TPCWAE)			
<b>TPCWAW-CCT RC Structure, Wall</b>																				
S5_60670	Wall Bay 1 (+ repropping and removal of 5th & 6th struts)	100%	21d	15-Dec-15 A	10-Jan-16 A												Wall Bay 1 (+ repropping and removal of 5th & 6th struts)			
S5_60675	Wall Bay 2 (+ repropping and removal of 5th & 6th struts)	100%	10d	10-Dec-15 A	05-Jan-16 A												Wall Bay 2 (+ repropping and removal of 5th & 6th struts)			
S5_60680	Wall Bay 3 (+ repropping and removal of 5th & 6th struts)	100%	21d	10-Dec-15 A	07-Jan-16 A												Wall Bay 3 (+ repropping and removal of 5th & 6th struts)			
S5_60685	Wall Bay 4 (+ repropping and removal of 5th & 6th struts)	100%	22d	20-Dec-15 A	11-Jan-16 A												Wall Bay 4 (+ repropping and removal of 5th & 6th struts)			
S5_60690	Wall Bay 5 (+ removal of 5th strut)	100%	10d	02-Jan-16 A	29-Jan-16 A												Wall Bay 5 (+ removal of 5th strut)			
S5_60695	Wall Bay 6 (+ removal of 5th strut)	100%	7d	21-Jan-16 A	25-Feb-16 A												Wall Bay 6 (+ removal of 5th strut)			
S5_60700	Wall Bay 7 (+ removal of 5th strut)	100%	8d	16-Feb-16 A	25-Feb-16 A												Wall Bay 7 (+ removal of 5th strut)			
S5_60705	Wall Bay 8 (+ removal of 5th strut)	100%	9d	16-Feb-16 A	25-Feb-16 A												Wall Bay 8 (+ removal of 5th strut)			
S5_61075	Wall Bay 9 (+ removal of 5th strut)	100%	8d	16-Feb-16 A	25-Feb-16 A												Wall Bay 9 (+ removal of 5th strut)			
<b>TPCWAW -Maintenance Walkway</b>																				

- Remaining Work
- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone
- Summary
- Actual Work

1 of 3

China State Construction Engineering (Hong Kong) Ltd.

Contract No. HY/2009/15 - Central Wan Chai By Pass - Tunnel ( Causeway Bay Typhoon Shelter Section)

**WORKS PROGRAMME UPDATE**

Prepared by Anthony Fesalbon			
Date	Revision	Checked	Approved
20-Aug-16	Progress Update	WC	WVSL
	(based on WP Rev. N-4th Submission)		

Activity ID	Activity Name	Physical % Complete	Original Duration	Start	Finish	Total Float	2016												2017	
							Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
S6_9085	TPCWAW - Maintenance walkway / profile barrier	100%	23d	20-Dec-15 A	23-Mar-16 A		TPCWAW - Maintenance walkway / profile barrier													
<b>TPCWAW- CCT RC Structure, OHVD</b>																				
S5_60740	OHVD Bay 1	100%	12d	29-Dec-15 A	21-Jan-16 A		OHVD Bay 1													
S5_61100	OHVD Bay 10	100%	7d	16-Feb-16 A	26-Feb-16 A		OHVD Bay 10													
S5_60745	OHVD Bay 2	100%	12d	31-Dec-15 A	18-Jan-16 A		OHVD Bay 2													
S5_60750	OHVD Bay 3	100%	12d	02-Jan-16 A	18-Jan-16 A		OHVD Bay 3													
S5_60755	OHVD Bay 4	100%	12d	24-Dec-15 A	25-Jan-16 A		OHVD Bay 4													
S5_60760	OHVD Bay 5	100%	12d	06-Jan-16 A	25-Jan-16 A		OHVD Bay 5													
S5_61080	OHVD Bay 6	100%	9d	20-Jan-16 A	16-Feb-16 A		OHVD Bay 6													
S5_61085	OHVD Bay 7	100%	9d	12-Feb-16 A	28-Feb-16 A		OHVD Bay 7													
S5_61090	OHVD Bay 8	100%	9d	16-Feb-16 A	28-Feb-16 A		OHVD Bay 8													
S5_61095	OHVD Bay 9	100%	9d	12-Feb-16 A	28-Feb-16 A		OHVD Bay 9													
S5_61110	Shaft B Reinstatement - OHVD	100%	20d	20-Feb-16 A	22-Apr-16 A		Shaft B Reinstatement - OHVD													
<b>TPCWAW- CCT RC Structure, Top Slab + Waterproofing</b>																				
S6_9135	Completion of Section 5 - TPCWAW Area (KD10), below -20mPD	100%	0d		09-Mar-16 A		◆ Completion of Section 5 - TPCWAW Area (KD10), below -20mPD													
S5_61120	Provide access to CWB (CC) Contractor - TPCWAW Area	100%	0d		29-Feb-16 A		◆ Provide access to CWB (CC) Contractor - TPCWAW Area													
S6_9055	Provide Access to WDII Contractor for bulkhead wall removal	100%	0d		29-Feb-16 A		◆ Provide Access to WDII Contractor for bulkhead wall removal													
S5_61105	Shaft B Reinstatement - Top Slab	100%	15d	14-Feb-16 A	29-Feb-16 A		Shaft B Reinstatement - Top Slab													
S5_60810	Top slab Bay 1	100%	11d	19-Jan-16 A	23-Feb-16 A		Top slab Bay 1													
S5_60875	Top slab Bay 10	100%	5d	20-Feb-16 A	09-Mar-16 A		Top slab Bay 10													
S5_60815	Top slab Bay 2	100%	10d	08-Jan-16 A	02-Feb-16 A		Top slab Bay 2													
S5_60820	Top slab Bay 3	100%	10d	11-Jan-16 A	16-Feb-16 A		Top slab Bay 3													
S5_60825	Top slab Bay 4	100%	11d	19-Jan-16 A	24-Feb-16 A		Top slab Bay 4													
S5_60830	Top slab Bay 5	100%	10d	19-Feb-16 A	29-Feb-16 A		Top slab Bay 5													
S5_60835	Top slab Bay 6	100%	12d	20-Feb-16 A	02-Mar-16 A		Top slab Bay 6													
S5_60840	Top slab Bay 7	100%	7d	20-Feb-16 A	05-Mar-16 A		Top slab Bay 7													
S5_60845	Top slab Bay 8	100%	16d	20-Feb-16 A	05-Mar-16 A		Top slab Bay 8													
S5_60865	Top slab Bay 9	100%	15d	20-Feb-16 A	07-Mar-16 A		Top slab Bay 9													
<b>TPCWAW - King Post Load Transfer / Waterproofing on Top Slab</b>																				

- Remaining Work
- Actual Work
- ◆ Remaining Work
- ◆ Critical Remaining Work
- ◆ Milestone
- ◆ Summary
- ◆ Actual Work

2 of 3

**China State Construction Engineering (Hong Kong) Ltd.**  
 Contract No. HY/2009/15 - Central Wan Chai By Pass - Tunnel ( Causeway Bay Typhoon Shelter Section)

**WORKS PROGRAMME UPDATE**

Prepared by Anthony Fesalbon			
Date	Revision	Checked	Approved
20-Aug-16	Progress Update (based on WP Rev. N-4th Submission)	WC	WSL



Activity ID	Activity Name	Physical % Complete	Original Duration	Start	Finish	Total Float	2016												2017			
							Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
S5_61115	TPCWAW waterproofing - Bay 10	100%	2d	09-Mar-16 A	10-Mar-16 A																	
S6_9076	TPCWAW King post load transfer + waterproofing (except Bay 10)	100%	26d	04-Mar-16 A	29-Mar-16 A																	
<b>TPCWAW Removal of Temporary Reclamation</b>																						
S6_9140	Backfilling/Removal of ELS + Re charge water	100%	25d	30-Mar-16 A	04-Jul-16 A																	
S6_7550	Completion of Section 6- (KD11), above - 20mPD	0%	0d		30-Sep-16*	-245d																
S6_9105	Remove general fill/ seawall block (concurrent activities)	0%	25d	28-May-16 A	30-Sep-16	0d																
S6_9120	Saw cut diaphragm wall	44%	75d	20-Jul-16 A	30-Sep-16*	-244d																
<b>Works in Portion 11 under KD9 (incl. Reinstatement of Vertical Seawall)</b>																						
S6_9148	Completion of KD9- Works in Portion 11	0%	0d		30-Sep-16	-455d																
S6_9147	Reinstate ground level at Portion 11	10%	40d	26-Jul-16 A	30-Sep-16	-385d																
S6_9144	Reinstate vertical seawall (by marine plant)	0%	21d	23-Jul-16 A	30-Sep-16	-384d																

- Remaining Work
- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone
- Summary
- Actual Work

3 of 3

China State Construction Engineering (Hong Kong) Ltd.  
 Contract No. HY/2009/15 - Central Wan Chai By Pass - Tunnel ( Causeway Bay Typhoon Shelter Section)  
**WORKS PROGRAMME UPDATE**

Prepared by Anthony Fesalbon			
Date	Revision	Checked	Approved
20-Aug-16	Progress Update (based on WP Rev. N-4th Submission)	WC	WSL





Activity ID	Activity Name	Remaining Dur	Early Start	Early Finish	Total Float	2016	2017			
						Sep	Oct	Nov	Dec	Jan
<b>HK/2012/08 Revised Works Programme Rev.8 (DD 31 August 2016)</b>										
<b>Dredging and Reclamation</b>										
<b>Marine Work Construction</b>										
<b>Zone A1</b>										
<b>Seawall Construction - Zone A1</b>										
MAR10330	Zone A1 - Seawall - Install remaining seawall type 3 (after reinstatement of culver k and cooling mains)	11	31-Aug-16	10-Sep-16	-68					
MAR10340	Zone A1 - seawall - place type A behind seawall type 3	5	11-Sep-16	15-Sep-16	-68					
MAR10345	Zone A1 - seawall - lay geotextile and filter behind seawall Type 3	6	16-Sep-16	21-Sep-16	-68					
<b>Others - Landing Steps</b>										
MAR21360	Zone A2 - [summary] landing steps at seawall 4	77	05-Dec-16	11-Mar-17	-28					
MAR21380	Zone B - [summary] landing steps at seawall 5	73	05-Dec-16	07-Mar-17	-24					
MAR21400	Zone D - [summary] landing steps at seawall 9	70	05-Dec-16	03-Mar-17	-21					
MAR21420	Zone A2 - [summary] landing steps at seawall 13	73	05-Dec-16	07-Mar-17	-24					
<b>Works for Section Completion</b>										
<b>Construction</b>										
<b>Section II - MVB Structure</b>										
<b>MVB Substructure - ELS &amp; Structural Works for Portion A</b>										
<b>MVB Substructure - Structural Works for Portion A</b>										
SII11250	Sec II - MVB A : Remove strut S1	7	20-Sep-16	26-Sep-16	-166					
SII11252	Sec II - MVB A : Remove bulkhead at east	46	20-Sep-16	04-Nov-16	-159					
SII11254	Sec II - MVB A : Remove bulkhead at west	46	02-Oct-16	16-Nov-16	-166					
SII11260	Sec II - MVB A : Construct Bay 14- B2M/F wall	6	29-Jul-16 A	05-Sep-16	-166					
SII11300	Sec II - MVB A : Construct Bay 15 - B2M/F OHVD	10	06-Sep-16	15-Sep-16	-166					
SII11420	Sec II - MVB A : Construct Bay 14a - B2M/F wall (adjacent to bulkhead)	13	12-Nov-16	24-Nov-16	-166					
SII11960	Sec II - MVB A : Construct Bay 15a - B2M/F OHVD (adjacent to bulkhead)	6	25-Nov-16	30-Nov-16	-166					
SII11980	Sec II - MVB A : Construct Bay 16 - Wall btw OHVD and Roof)	19	27-Sep-16	15-Oct-16	-131					
SII12140	Sec II - MVB A : Construct Bay 17 - Roof Slab	17	16-Oct-16	01-Nov-16	-127					
SII12160	Sec II - MVB A : Construct Bay 18 - Roof Slab	21	16-Oct-16	05-Nov-16	-131					
SII12340	Sec II - MVB A : Construct Bay 16a, 17a & 18a - Wall & Slab (Adjacent to bulkhead)	10	01-Dec-16	10-Dec-16	-166					
<b>MVB Substructure - Other Works for Portion A</b>										
SII11320	Sec II - MVB A: Remove Strut & flasework	7	11-Dec-16	17-Dec-16	-166					
<b>MVB Substructure - ELS &amp; Structural Works for Portion B</b>										
<b>MVB Substructure - Structural Works for Portion B</b>										
SII11920	Sec II - MVB B: Construct Bay K - B2M/F Wall	16	01-Aug-16 A	15-Sep-16	-103					
SII11930	Sec II - MVB B: Construct Bay L - B2M/F Top Slab	14	11-Sep-16	24-Sep-16	-103					

Data Date:  
31-Aug-16

- Current Milestone
- Actual Work
- Critical Remaining Work
- Remaining Work
- Remaining Level of Effort

**3-Months Rolling Programme for Non-CRIII Area (Sep 2016-Nov 2016)**  
**(Ref. to Revised Works Programme (Rev. 8))**

Date	Revision	Checked	Approved
31-Aug-16	8		





Activity ID	Activity Name	Remaining Dur	Early Start	Early Finish	Total Float	2016				2017
						Sep	Oct	Nov	Dec	Jan
SII11940	Sec II - MVB B: Remove Strut SL1 & Concrete Backing	8	28-Sep-16	05-Oct-16	-103					
SII12080	Sec II - MVB B: Saw cut southern diaphragm wall	8	06-Oct-16	13-Oct-16	-103					
SII12360	Sec II - MVB B: Construct Bay M - B1/F Wall	26	14-Oct-16	08-Nov-16	-103					
SII12420	Sec II - MVB B: Construct Bay M - B1/F Top Slab	8	09-Nov-16	16-Nov-16	-103					
<b>MVB Substructure - Other Works for Portion B</b>										
SII12100	Sec III - MVB B: remove strut and flamework	12	17-Nov-16	30-Nov-16	-85					
SII12120	Sec II - MVB B: seal up temp access openings	12	01-Dec-16	12-Dec-16	-103					
<b>MVB Substructure - Diaphragm Wall for Portion C</b>										
<b>MVB C - Sheetpile Installation</b>										
SII10670	Sec II - MVB C - sheetpile wall installation	5	13-Aug-16 A	04-Sep-16	-112					
<b>MVB Substructure - ELS &amp; Structural Works for Portion C</b>										
<b>MVB Substructure - ELS for Portion C</b>										
SII12020	Sec II - MVB C: Excavation down to +1.7mPD	6	11-Sep-16	16-Sep-16	-112					
SII12040	Sec II - MVB C: Install Strut S1	5	17-Sep-16	21-Sep-16	-112					
SII12060	Sec II - MVB C: Excavation down to formation (-1.8mPD/-3.0mPD)	7	22-Sep-16	28-Sep-16	-112					
SII12180	Sec II - MVB C: Cast Blinding layer & pile head treatment	8	29-Sep-16	06-Oct-16	-112					
SII12380	Sec III - MVB C: Remove bulhead wall between MVB plant room and Zone CW	20	14-Oct-16	02-Nov-16	-112					
SII12400	Sec III - MVB C: Remove bulhead wall between MVB plant room and MVB south	20	03-Nov-16	22-Nov-16	-112					
<b>MVB Substructure - Structural Works for Portion C</b>										
SII12200	Sec II - MVB C: Construct Slab B1/F	7	07-Oct-16	13-Oct-16	-112					
SII12220	Sec II - MVB C: Remove Strut S1	3	23-Nov-16	25-Nov-16	-112					
SII12240	Sec II - MVB C: Construct Wall of B1/F	9	26-Nov-16	04-Dec-16	-112					
SII12260	Sec II - MVB C: Construct Floor Slab of G/F	5	05-Dec-16	09-Dec-16	-112					
<b>MVB Substructure - Other Works for Portion C</b>										
SII12280	Sec II - MVB C: Remove all struts and Falsework	6	10-Dec-16	15-Dec-16	-112					
SII12300	Sec II - MVB C: seal up temp access openings	12	10-Dec-16	21-Dec-16	-112					
<b>Section II A - CWB Tunnel &amp; Slip Road Structures and Facilities</b>										
<b>CWB A2(2)</b>										
<b>CWB A2 (2) - ELS &amp; Tunnel Structure</b>										
<b>CWB A2 - Tunnel Structure</b>										
SIIA11700	Sec II A - CWB A2(2): base, wall, OHVD & roof (bay 1 -Adjacent to A1)	15	11-Jun-16 A	14-Sep-16	-97					
SIIA11750	Sec II A - CWB A2(2): base, wall, OHVD & roof (bay 2)	4	12-May-16 A	03-Sep-16	-93					
<b>CWB A2 - Other Works</b>										
SIIA12530	Sec II A - CWB A2(2) : waterproofing and backfill to +4.0mPD	45	15-Sep-16	29-Oct-16	-92					
<b>CWB A2 (2) - Associated Facilities</b>										
SIIA14320	Sec II A - CWB A2(2): Civil Provisions - lay screeding	7	08-Sep-16	14-Sep-16	-97					
SIIA14430	Sec II A - CWB A2(2): Civil Provisions - cast cable trough	8	15-Sep-16	22-Sep-16	-97					
<b>CWB B &amp; A2(1)</b>										
<b>CWB B - ELS &amp; Tunnel Structure</b>										
<b>CWB B - ELS</b>										



Activity ID	Activity Name	Remaining Dur	Early Start	Early Finish	Total Float	2016					2017	
						Sep	Oct	Nov	Dec	Jan		
<b>CWB B - Inside Concrete Plug</b>												
SIIA13662	Sec II A - CWB B Inside Concrete Plug: Cut and remove the excess blinding layer	18	23-Aug-16 A	17-Sep-16	-175							
SIIA13664	Sec II A - CWB B Inside Concrete Plug: Saw Cut the Base Slab of C4 Unit	18	27-Aug-16 A	21-Sep-16	-144							
SIIA13682	Sec II A - CWB B: Demolish concrete plug (near C4 unit)	25	13-Oct-16	06-Nov-16	-180							
<b>CWB B - Outside Concrete Plug</b>												
SIIA 15200	Sec II A - CWB B Outside Concrete Plug: Tunnel Formation Excavation	5	29-Aug-16 A	04-Sep-16	-180							
SIIA 15220	Sec II A - CWB B Outside Concrete Plug: Vertical Blinding	1	05-Sep-16	05-Sep-16	-180							
SIIA 15260	Sec II A - CWB B Outside Concrete Plug: Remove struts & Sheetpile	17	06-Sep-16	22-Sep-16	-180							
<b>CWB A2(1) &amp; B - Tunnel Structure</b>												
SIIA13570	Sec II A - CWB A2(1): Construct Bay 4 - Wall (remaining)	12	25-Oct-16	05-Nov-16	-186							
SIIA13572	Sec II A - CWB A2(1): Construct Bay 4 - OHVD	16	06-Nov-16	21-Nov-16	-186							
SIIA13574	Sec II A - CWB A2(1): Construct Bay 4 - Top Slab	14	22-Nov-16	05-Dec-16	-186							
SIIA13580	Sec II A - CWB B: Construct Bay 5 - Exhaust Duct Base Slab (South)	8	01-Sep-16*	08-Sep-16	0							
SIIA13590	Sec II A - CWB B: Construct Bay 5 - Exhaust Duct Wall	8	17-Sep-16	24-Sep-16	-190							
SIIA13600	Sec II A - CWB B: Construct Bay 6 - Base Slab	14	25-Sep-16	08-Oct-16	-190							
SIIA13610	Sec II A - CWB B: Construct Bay 6 - Wall	14	25-Oct-16	07-Nov-16	-181							
SIIA13620	Sec II A - CWB B: Construct Bay 6 - OHVD	13	11-Nov-16	23-Nov-16	-184							
SIIA13630	Sec II A - CWB B: Construct Bay 6 - Roof Slab	12	27-Nov-16	08-Dec-16	-187							
SIIA13640	Sec II A - CWB B: Construct Bay 7a - Base Slab	18	25-Sep-16	12-Oct-16	-190							
SIIA13645	Sec II A - CWB B: Remove Strut S2 & S3 and concrete packing (for Bay 4, 6 & 7a)	9	16-Oct-16	24-Oct-16	-190							
SIIA13650	Sec II A - CWB B: Construct Bay 7a - Wall	17	25-Oct-16	10-Nov-16	-190							
SIIA13660	Sec II A - CWB B: Construct Bay 7a - OHVD	16	11-Nov-16	26-Nov-16	-190							
SIIA13680	Sec II A - CWB B: Construct Bay 7a - Top Slab	15	27-Nov-16	11-Dec-16	-190							
SIIA13700	Sec II A - CWB B: Construct Bay 7b - Base Slab	11	23-Sep-16	03-Oct-16	-180							
SIIA13710	Sec II A - CWB B: Remove Strut S2 & S3 (for Bay 7b)	6	07-Oct-16	12-Oct-16	-180							
SIIA13880	Sec II A - CWB B: Construct Bay 7b - Wall	11	07-Nov-16	17-Nov-16	-180							
SIIA13900	Sec II A - CWB B: Construct Bay 7b - OHVD	10	18-Nov-16	27-Nov-16	-180							
SIIA13920	Sec II A - CWB B: Construct Bay 7b - Top Slab	10	28-Nov-16	07-Dec-16	-180							
<b>CWB A2(1) &amp; B - Other Works</b>												
<b>CWB A2(1) &amp; B - Associated Facilities</b>												
SIIA14460	Sec II A - CWB A2(1): Civil Provisions - lay screeding	7	06-Dec-16	12-Dec-16	-186							
SIIA14480	Sec II A - CWB A2(1): Civil Provisions - cast cable trough	8	13-Dec-16	20-Dec-16	-186							
SIIA14580	Sec II A - CWB B: Civil Provisions - lay screeding	6	12-Dec-16	17-Dec-16	-190							
<b>CWB C (W)</b>												
<b>CWB C(W) - ELS &amp; Tunnel Structure</b>												
<b>CWB C(W) - ELS</b>												
<b>CWB C(W) - ELS Inside Concrete Plug</b>												
SIIA 12210	Sec II A - CWB CW inside Concret Plug: cut and remove 2m strip opening along bulkhead	6	31-Aug-16	05-Sep-16	-186							
SIIA 12230	Sec II A - CWB CW inside Concret Plug: cut and remove base slab of C4 unit	21	06-Sep-16	26-Sep-16	-186							
SIIA 12250	Sec II A - CWB CW inside Concret Plug: cut and remove the excess blinding layer	9	25-Aug-16 A	08-Sep-16	874							



Activity ID	Activity Name	Remaining Dur	Early Start	Early Finish	Total Float	2016				2017
						Sep	Oct	Nov	Dec	Jan
SIIA 12270	Sec II A - CWB CW inside Concret Plug: remove concrete bulkhead	20	19-Oct-16	07-Nov-16	-186					
<b>CWB C(W) - ELS Outside Concrete Plug</b>										
SIIA 13100	Sec II A - CWB CW outside Concrete Plug: Remove struts S3	4	30-Aug-16 A	03-Sep-16	-155					
SIIA 13120	Sec II A - CWB CW outside Concrete Plug: Install transverse strut	3	04-Sep-16	06-Sep-16	-155					
SIIA 13140	Sec II A - CWB CW outside Concrete Plug: Remove strut S1 & S2	11	07-Sep-16	17-Sep-16	-155					
SIIA 13160	Sec II A - Sec II A - CWB CW outside Concrete Plug: Tunnel formation excavation	4	25-Aug-16 A	03-Sep-16	-185					
SIIA 13180	Sec II A - CWB CW outside Concrete Plug: Exhaust duct formation excavation	5	05-Sep-16	09-Sep-16	-185					
SIIA 13200	Sec II A - CWB CW outside Concrete Plug: blinding layer and remove diagonal struts & sheetpile	16	10-Sep-16	25-Sep-16	-185					
<b>CWB C(W) - Tunnel Structure</b>										
SIIA12160	Sec II A - CWB CW: Construct Bay 1 - Base Slab	12	27-Sep-16	08-Oct-16	-186					
SIIA12180	Sec II A - CWB CW: Remove Struts S2 & S3	6	13-Oct-16	18-Oct-16	-186					
SIIA12300	Sec II A - CWB CW: Construct Bay 1 - Wall	8	08-Nov-16	15-Nov-16	-186					
SIIA12320	Sec II A - CWB CW: Construct Bay 1 - OHVD	10	18-Nov-16	27-Nov-16	-186					
SIIA12340	Sec II A - CWB CW: Construct Bay 1 - Top Slab	10	28-Nov-16	07-Dec-16	-186					
SIIA12380	Sec II A - CWB CW: Construct Bay 2b - Exhaust duct base slab	9	17-Sep-16	25-Sep-16	-165					
SIIA12400	Sec II A - CWB CW: Construct Bay 2b - Exhaust duct wall	8	26-Sep-16	03-Oct-16	-165					
SIIA12420	Sec II A - CWB CW: Construct Bay 2b - Tunnel base slab	13	04-Oct-16	16-Oct-16	-165					
SIIA12460	Sec II A - CWB CW: Construct Bay 2b - B1/F slab	8	27-Oct-16	03-Nov-16	-136					
SIIA12480	Sec II A - CWB CW: Construct Bay 2b - B1/F wall	9	04-Nov-16	12-Nov-16	-136					
SIIA12520	Sec II A - CWB CW: Construct Bay 2b - B1/F roof slab	11	13-Nov-16	23-Nov-16	-136					
SIIA12640	Sec II A - CWB CW: Construct Bay 2a & 2b - Wall	8	17-Oct-16	24-Oct-16	-165					
SIIA12700	Sec II A - CWB CW: Construct Bay 2a & 2b - OHVD	10	27-Oct-16	05-Nov-16	-165					
SIIA12720	Sec II A - CWB CW: Construct Bay 2a & 2b - Roof Slab	11	06-Nov-16	16-Nov-16	-165					
<b>CWB C(W) - Other Works</b>										
SIIA12200	Sec II A - CWB CW: Cut Down Dwall Head	21	08-Dec-16	28-Dec-16	-142					
SIIA12220	Sec II A - CWB CW: backfill to +4.0mPD	52	08-Dec-16	28-Jan-17	-150					
<b>CWB C(W) - Associated Facilities</b>										
SIIA14040	Sec II A - CWB CW: Civil Provisions - lay screeding	6	08-Dec-16	13-Dec-16	-186					
SIIA14220	Sec II A - CWB CW: Civil Provisions - cast cable trough	7	14-Dec-16	20-Dec-16	-186					
<b>CWB C (E)</b>										
<b>CWB C(E) - ELS &amp; Tunnel Structure</b>										
<b>CWB C(E) - ELS</b>										
<b>CWB C(E) - ELS - Bay 2 &amp; 3</b>										
SIIA15600	Sec II A - CWB CE: Demolish Bulkhead at C1 Interface	19	31-Aug-16	18-Sep-16	-166					
<b>CWB C(E) - Tunnel Structure</b>										
SIIA13255	Sec II A - CWB CE: Construct Bay 1 - Wall	46	26-Aug-16 A	15-Oct-16	-164					
SIIA13275	Sec II A - CWB CE: Construct Bay 1 - OHVD	14	18-Oct-16	31-Oct-16	-164					
SIIA13295	Sec II A - CWB CE: Construct Bay 1 - Roof Slab	13	01-Nov-16	13-Nov-16	-164					
SIIA13315	Sec II A - CWB CE: Construct Bay 2 - Wall	31	30-Aug-16 A	30-Sep-16	-151					
SIIA13335	Sec II A - CWB CE: Construct Bay 2 - OHVD	14	03-Oct-16	16-Oct-16	-151					



Activity ID	Activity Name	Remaining Dur	Early Start	Early Finish	Total Float	2016					2017	
						Sep	Oct	Nov	Dec	Jan		
SIIA13355	Sec II A - CWB CE: Construct Bay 2 - Roof Slab	15	17-Oct-16	31-Oct-16	-151							
SIIA13375	Sec II A - CWB CE: Construct Bay 3 - Base Slab	8	19-Sep-16	26-Sep-16	-166							
SIIA13395	Sec II A - CWB CE: Remove Strut S2 & S3 (for Bay 3)	5	27-Sep-16	01-Oct-16	-166							
SIIA13415	Sec II A - CWB CE: Construct Bay 3 - Wall	22	02-Oct-16	23-Oct-16	-166							
SIIA13435	Sec II A - CWB CE: Construct Bay 3 - OHVD	11	26-Oct-16	05-Nov-16	-166							
SIIA13455	Sec II A - CWB CE: Construct Bay 3 - Roof Slab	10	06-Nov-16	15-Nov-16	-166							
<b>CWB C(E) - Other Works</b>												
SIIA13300	Sec II A - CWB CE: Dismantle Scaffolding	24	16-Nov-16	09-Dec-16	-123							
SIIA13320	Sec II A - CWB CE: Cut Down Dwall Head	45	16-Nov-16	30-Dec-16	-144							
SIIA13325	Sec II A - CWB CE: backfill to +4.0mPD	47	16-Nov-16	01-Jan-17	-146							
<b>CWB C(E) - Associated Facilities</b>												
SIIA14222	Sec II A - CWB CE: Civil Provisions - lay screeding	7	16-Nov-16	22-Nov-16	-166							
SIIA14280	Sec II A - CWB CE: Civil Provisions - cast cable trough	8	23-Nov-16	30-Nov-16	-166							
<b>CWB C - Exhaust Duct</b>												
<b>CWB C - Exhaust Duct Temp Work &amp; ELS</b>												
SIIA12900	Sec II A - Exhaust Duct at Slip Rd3: Excavation & Shoring - Bay 1	20	19-Sep-16*	08-Oct-16	-165							
SIIA12910	Sec II A - Exhaust Duct at Slip Rd3: Excavation & Shoring - Bay 2	15	19-Sep-16	03-Oct-16	-150							
SIIA12920	Sec II A - Exhaust Duct at Slip Rd3: Excavation & Shoring - Bay 3	10	07-Oct-16	16-Oct-16	-150							
<b>CWB C - Exhaust Duct Structural Work</b>												
SIIA12938	Sec II A - Exhaust Duct at Slip Rd3: Construt Bay 1 - base slab	5	09-Oct-16	13-Oct-16	-165							
SIIA12939	Sec II A - Exhaust Duct at Slip Rd 3: Demolish bulkhead between MVB south and exhaust duct	21	19-Oct-16	08-Nov-16	-165							
SIIA12940	Sec II A - Exhaust Duct at Slip Rd3: Construt Bay 1 - wall	13	09-Nov-16	21-Nov-16	-165							
SIIA13480	Sec II A - Exhaust Duct at Slip Rd3: Construt Bay 1 - roof slab	8	22-Nov-16	29-Nov-16	-165							
SIIA13520	Sec II A - Exhaust Duct at Slip Rd3: Construt Bay 2 - base slab	5	04-Oct-16	08-Oct-16	-122							
SIIA13540	Sec II A - Exhaust Duct at Slip Rd3: Construt Bay 2 - wall & roof slab	9	09-Oct-16	17-Oct-16	-122							
SIIA13560	Sec II A - Exhaust Duct at Slip Rd3: Construt Bay 3 - base slab	5	17-Oct-16	21-Oct-16	-150							
SIIA13575	Sec II A - Exhaust Duct at Slaip Rd 3: Demolish bulkhead at C1	15	22-Oct-16	05-Nov-16	-150							
SIIA13960	Sec II A - Exhaust Duct at Slip Rd3: Construt Bay 3 - wall & roof slab	9	06-Nov-16	14-Nov-16	-150							
<b>CWB C - Exhaust Duct Others</b>												
SIIA12950	Sec II A - Exhaust Duct at Slip Rd3: curing and dismantle formwork / falsework	12	15-Nov-16	26-Nov-16	-93							
SIIA12952	Sec II A - Exhaust Duct at Slip Rd3: Backfilling	15	18-Nov-16	02-Dec-16	-93							
<b>CWB D - Slip Road 1</b>												
<b>CWB D - Slip Road 1 - ELS &amp; Tunnel Structure</b>												
<b>CWB D - Slip Road 1 - ELS</b>												
<b>CWB D - SR1 - ELS - Bay 1 &amp; 2</b>												
SIIA 12582	Sec II A - CWB SR1 Concrete Plug: Saw cut to formation	26	31-Aug-16	25-Sep-16	-172							
SIIA 12584	Sec II A - CWB SR1 Concrete Plug: Remove concrete bulkhead	26	26-Sep-16	21-Oct-16	-172							
SIIA 12622	Sec II A - CWB SR1 Bay 1&2: 2nd layer excavation & strutting	9	24-Aug-16 A	08-Sep-16	-142							
SIIA 12642	Sec II A - CWB SR1 Bay 1&2: Formation excavation	9	09-Sep-16	17-Sep-16	-142							
<b>CWB D - SR1 - ELS - Bay 3</b>												



Activity ID	Activity Name	Remaining Dur	Early Start	Early Finish	Total Float	2016					2017	
						Sep	Oct	Nov	Dec	Jan		
SIIA 12590	Sec II A - CWB SR1 Bay 3: Blinding Layer	3	31-Aug-16	02-Sep-16	-151							
<b>CWB D - Slip Road 1 - Tunnel Structure</b>												
SIIA13060	Sec II A - CWB SR1: Construct Bay 1 - Base Slab	13	22-Oct-16	03-Nov-16	-172							
SIIA13070	Sec II A - CWB SR1: Remove Strut S1 & S2	5	07-Nov-16	11-Nov-16	-172							
SIIA13080	Sec II A - CWB SR1: Construct Bay 1 - Roof Slab	13	12-Nov-16	24-Nov-16	-172							
SIIA13220	Sec II A - CWB SR1: Construct Bay 2 - Base Slab	15	18-Sep-16	02-Oct-16	-142							
SIIA13230	Sec II - CWB SR1: Remove Strut S1 & S2	4	06-Oct-16	11-Oct-16	-118							
SIIA13240	Sec II A - CWB SR1: Construct Bay 2 - Roof Slab	16	12-Oct-16	27-Oct-16	-144							
SIIA13260	Sec II A - CWB SR1: Construct Bay 3 - Trough Base Slab	7	03-Sep-16	09-Sep-16	-151							
SIIA13280	Sec II A - CWB SR1: Construct Bay 3 - Trough Wall	7	18-Sep-16	24-Sep-16	-151							
SIIA13380	Sec II A - CWB SR1: Construct Bay 3 - Base Slab	14	25-Sep-16	08-Oct-16	-151							
SIIA13440	Sec II A - CWB SR1: Construct Bay 3 - Roof Slab	18	17-Oct-16	03-Nov-16	-151							
SIIA13460	Sec II A - CWB SR1: Construct Bay 4 - Roof Slab	18	17-Oct-16	03-Nov-16	-151							
SIIA13940	Sec II A - CWB SR1: Cut Down Dwall Head	55	25-Nov-16	18-Jan-17	-120							
<b>CWB D - Associated Facilities</b>												
SIIA12580	Sec II A - CWB SR1: Civil Provisions - lay screeding	7	25-Nov-16	01-Dec-16	-172							
SIIA14000	Sec II A - CWB SR1: Civil Provisions - cast cable trough	8	29-Nov-16	06-Dec-16	-172							
<b>CWB D - Slip Road 1 - Trough / Retaining Wall</b>												
<b>CWB D - Slip Road 1 - Trough/Retaining Wall Temp Work &amp; ELS</b>												
SIIA12760	Sec II A - CWB SR1 Trough & RW: install sheetpile	13	05-Sep-16*	17-Sep-16	-157							
SIIA12780	Sec II A - CWB SR1 Trough & RW: Excavation & Shoring	23	18-Sep-16	10-Oct-16	-157							
<b>CWB D - Slip Road 1 - Trough/Retaining Wall Structure</b>												
SIIA12800	Sec II A - CWB SR1 Trough & RW: Trough Structure (bay 1)	12	11-Oct-16	22-Oct-16	-157							
SIIA13720	Sec II A - CWB SR1 Trough & RW: Trough Structure (bay 2)	12	23-Oct-16	03-Nov-16	-157							
SIIA13740	Sec II A - CWB SR1 Trough & RW: Trough Structure (bay 3)	12	29-Oct-16	09-Nov-16	-157							
SIIA13760	Sec II A - CWB SR1 Trough & RW: construct upstand wall along top of Trough Structure	12	03-Nov-16	14-Nov-16	-157							
SIIA13780	Sec II A - CWB SR1 Trough & RW: install waling	7	15-Nov-16	21-Nov-16	-157							
SIIA13800	Sec II A - CWB SR1 Trough & RW: Retaining Walls RW3 (bay 1)	12	25-Oct-16	05-Nov-16	-152							
SIIA13820	Sec II A - CWB SR1 Trough & RW: Retaining Walls RW3 (bay 2)	12	05-Nov-16	16-Nov-16	-152							
SIIA13840	Sec II A - CWB SR1 Trough & RW: Retaining Walls RW3 (bay 3)	12	25-Oct-16	05-Nov-16	-152							
SIIA13860	Sec II A - CWB SR1 Trough & RW: Retaining Walls RW4 (bay 1)	12	05-Nov-16	16-Nov-16	-152							
<b>CWB D - Slip Road 1 - Trough/ Retaining Wall Other Works</b>												
SIIA13865	Sec II A - CWB SR1: backfill to +4.0mPD	38	17-Nov-16	03-Jan-17	-111							
<b>Section III A - Road A2, A4, A5, Area 11; Implement 2nd Stage ITA</b>												
<b>Roadwork &amp; Utilities at A1</b>												
SIIIA10260	Sec III A - roadwork and utilities (Zone A1) - Backfill to pavement founding level	42	31-Aug-16	21-Oct-16	-69							
SIIIA10280	Sec III A - roadwork and utilities (Zone A1) - storm water drain & sub-soil drain	42	09-Sep-16	31-Oct-16	-69							
SIIIA10300	Sec III A - roadwork and utilities (Zone A1) - Fresh watermain & Irrigation Mains	42	22-Sep-16	11-Nov-16	-69							
SIIIA10320	Sec III A - roadwork and utilities (Zone A1) - Gas main	42	05-Oct-16	23-Nov-16	-69							
SIIIA10340	Sec III A - roadwork and utilities (Zone A1) - HEC	42	15-Oct-16	02-Dec-16	-69							



Activity ID	Activity Name	Remaining Dur	Early Start	Early Finish	Total Float	2016				2017
						Sep	Oct	Nov	Dec	Jan
SIIIA10360	Sec III A - roadwork and utilities (Zone A1) - sub-base	42	25-Oct-16	12-Dec-16	-69					
SIIIA10380	Sec III A - roadwork and utilities (Zone A1) - road kerb	42	05-Nov-16	23-Dec-16	-69					
SIIIA10400	Sec III A - roadwork and utilities (Zone A1) - flexible pavement	42	22-Nov-16	12-Jan-17	-62					
SIIIA10420	Sec III A - roadwork and utilities (Zone A1) - construct u-channel	42	05-Nov-16	23-Dec-16	-58					
SIIIA10440	Sec III A - roadwork and utilities (Zone A1) - pave footpath concrete	42	02-Dec-16	23-Jan-17	-69					
SIIIA10460	Sec III A - roadwork and utilities (Zone A1) - Road Lighting, TCSS Ducts & Traffic Signs	40	12-Dec-16	03-Feb-17	-69					
SIIIA10480	Sec III A - roadwork and utilities (Zone A1) - lay footpath paving block	45	17-Nov-16	11-Jan-17	-60					
SIIIA10500	Sec III A - roadwork and utilities (Zone A1) - Road sign and road marking	40	03-Dec-16	21-Jan-17	-62					
<b>Roadwork &amp; Utilities at A2</b>										
SIIIA10580	Sec III A - roadwork and utilities (Zone A2) - Backfill to pavement founding level	40	11-Oct-16	25-Nov-16	-76					
SIIIA10600	Sec III A - roadwork and utilities (Zone A2) - storm water drain & sub-soil drain	40	20-Oct-16	05-Dec-16	-76					
SIIIA10620	Sec III A - roadwork and utilities (Zone A2) - Fresh watermain & Irrigation Mains	40	01-Nov-16	16-Dec-16	-76					
SIIIA10640	Sec III A - roadwork and utilities (Zone A2) - Gas main	40	08-Nov-16	23-Dec-16	-76					
SIIIA10660	Sec III A - roadwork and utilities (Zone A2) - HEC	40	15-Nov-16	03-Jan-17	-76					
SIIIA10680	Sec III A - roadwork and utilities (Zone A2) - sub-base	40	22-Nov-16	10-Jan-17	-76					
SIIIA10700	Sec III A - roadwork and utilities (Zone A2) - road kerb	40	01-Dec-16	19-Jan-17	-76					
SIIIA10720	Sec III A - roadwork and utilities (Zone A2) - flexible pavement	50	10-Dec-16	14-Feb-17	-76					
SIIIA10740	Sec III A - roadwork and utilities (Zone A2) - construct u-channel	50	29-Nov-16	02-Feb-17	-68					
SIIIA10760	Sec III A - roadwork and utilities (Zone A2) - pave footpath concrete	40	08-Dec-16	26-Jan-17	-74					
SIIIA10800	Sec III A - roadwork and utilities (Zone A2) - lay footpath paving block	40	10-Dec-16	02-Feb-17	-74					
<b>Roadwork &amp; Utilities at D</b>										
SIIIA11090	Sec III A - roadwork and utilities (Zone D) - backfill to pavement founding level	50	08-Dec-16	11-Feb-17	-111					
SIIIA11100	Sec III A - roadwork and utilities (Zone D) - storm water drain & sub-soil drain	50	14-Dec-16	17-Feb-17	-111					
SIIIA11110	Sec III A - roadwork and utilities (Zone D) - Fresh watermain & Irrigation Mains	50	14-Dec-16	17-Feb-17	-107					
SIIIA11120	Sec III A - roadwork and utilities (Zone D) - Gas main	50	14-Dec-16	17-Feb-17	-103					
SIIIA11130	Sec III A - roadwork and utilities (Zone D) - HEC	50	14-Dec-16	17-Feb-17	-103					
<b>Box Culvert L1 &amp; FRP-L - Bay 8</b>										
<b>Box Culvert L1 &amp; FRP-L - Bay 8 Structure</b>										
CUL11320	Culvert L - bay 8 - construct pile cap	23	25-Jul-16 A	22-Sep-16	6					
CUL11322	Culvert L - bay 8 - construct base slab	26	23-Sep-16	18-Oct-16	6					
CUL11326	Culvert L - Bay 8 - construct wall	21	19-Oct-16	08-Nov-16	6					
CUL11328	Culvert L - bay 8 - construct top slab	11	09-Nov-16	19-Nov-16	6					
<b>Box Culvert L1 &amp; FRP-L - Bay 8 Others</b>										
CUL11340	Culvert L - bay 8 - backfill above box section	12	21-Nov-16	03-Dec-16	5					
<b>Section VI D - Area 8B &amp; 10</b>										
<b>WDII Box 1 Construction</b>										
<b>WDII Box 1 Existing Pile Head and Dry Dock</b>										
WD-C3054	Sec VID - Install rebar & formwork at Wall 12	24	09-Sep-16*	02-Oct-16	-175					
WD-C3056	Sec VID - Install rebar & formwork at Wall BH	24	16-Sep-16	09-Oct-16	-168					
WD-C3058	Sec VID - Install rebar & formwork at Wall 15 & 16	24	23-Sep-16	16-Oct-16	-175					



Activity ID	Activity Name	Remaining Dur	Early Start	Early Finish	Total Float	2016				2017	
						Sep	Oct	Nov	Dec	Jan	
WD-C3072	Sec VID - Formwork striking, tie bolt hole and waterproofing	20	18-Aug-16 A	19-Sep-16	-178	[Red bar from Sep 18 to Sep 19]					
WD-C3092	Sec VID - Install internal strutting S1	9	22-Sep-16	30-Sep-16	-178	[Red bar from Sep 22 to Sep 30]					
WD-C3112	Sec VID - Install buoyancy tank	9	01-Oct-16	09-Oct-16	-178	[Red bar from Oct 01 to Oct 09]					
WD-C3132	Sec VID - Install ballast tanks inside precast box I and internal strut S2	10	10-Oct-16	19-Oct-16	-178	[Red bar from Oct 10 to Oct 19]					
<b>WDII Box 1 ELS</b>											
WD-C3998	Sec VIC - Install middle strut S2 at -6.5mPD	14	30-Aug-16 A	13-Sep-16	-179	[Red bar from Sep 30 to Oct 13]					
WD-C4060	Sec VIC - Excavation of rock fill down to -11.5mPD	8	14-Sep-16	21-Sep-16	-179	[Red bar from Sep 14 to Sep 21]					
WD-C4070	Sec VIC - Install waling WB4 at -10.6mPD	7	22-Sep-16	28-Sep-16	-179	[Red bar from Sep 22 to Sep 28]					
WD-C4080	Sec VIC - 3rd Layer of Strut	9	29-Sep-16	07-Oct-16	-179	[Red bar from Sep 29 to Oct 07]					
WD-C4120	Sec VIC - Joint Survey of excavated level	2	08-Oct-16	09-Oct-16	-179	[Red bar from Oct 08 to Oct 09]					
WD-C4140	Sec VIC - Tremie concrete at bottom level	5	10-Oct-16	14-Oct-16	-179	[Red bar from Oct 10 to Oct 14]					
WD-C4160	Sec VIC - Joint Survey of concrete level	2	15-Oct-16	16-Oct-16	-179	[Red bar from Oct 15 to Oct 16]					
WD-C4180	Sec VIC - Remove Strut S2	2	17-Oct-16	18-Oct-16	-179	[Red bar from Oct 17 to Oct 18]					
WD-C4190	Sec VIC - Cut bored pile casing	2	19-Oct-16	20-Oct-16	-179	[Red bar from Oct 19 to Oct 20]					
<b>WDII Box 1 Bottom Slab</b>											
WD-C5040	Sec VI D - tow bottom slab to position	2	21-Oct-16	22-Oct-16	-179	[Red bar from Oct 21 to Oct 22]					
<b>WDII Box 1 Remaining Structure</b>											
WD-C6040	Sec VID - Concreting Wall 12, 13, 15 & 16 and Wall BH	4	23-Oct-16	26-Oct-16	-179	[Red bar from Oct 23 to Oct 26]					
WD-C6060	Sec VID - Construct roof slab	10	27-Oct-16	05-Nov-16	-179	[Red bar from Oct 27 to Nov 05]					
WD-C6080	Sec VID - Extension of sacrificial wall (2.3m)	17	06-Nov-16	22-Nov-16	-179	[Red bar from Nov 06 to Nov 22]					
WD-C6100	Sec VID - Balasting and final sink Box I to -10.0mPD	3	23-Nov-16	25-Nov-16	-179	[Red bar from Nov 23 to Nov 25]					
WD-C6120	Sec VID - Constrcut remaining roof slab	8	26-Nov-16	03-Dec-16	-179	[Red bar from Nov 26 to Dec 03]					
WD-C6140	Sec VID - Backfilling lean concreting to -6.5mPD	3	04-Dec-16	06-Dec-16	-179	[Red bar from Dec 04 to Dec 06]					
WD-C6160	Sec VID - Remove ELS and cut off pipe pile head	16	07-Dec-16	22-Dec-16	-179	[Red bar from Dec 07 to Dec 22]					
<b>Section IV - Slip Road 3</b>											
<b>Roadwork &amp; Utilities (Lung King Street)</b>											
SIV11000	Sec IV - Stage 1: Roadwork & Utilities (MH1.2 to MH1.3)	1	09-May-16 A	31-Aug-16	-64	[Red bar from May 09 to Aug 31]					
SIV11020	Sec IV - Stage 2: Roadwork & Utilities (MH1.3 to MH1.4)	31	01-Sep-16	08-Oct-16	-64	[Red bar from Sep 01 to Oct 08]					
SIV11060	Sec IV - Stage 3: Roadwork & Utilities (MH1.4 to MH1.5)	13	11-Oct-16	25-Oct-16	-64	[Red bar from Oct 11 to Oct 25]					
<b>Section VII - Remainder Works</b>											
<b>Retaining Wall RW5 Construction</b>											
SVII10660	Sec VII - Retaining Wall RW5 (bay 1) - construct base slab and wall	18	07-Nov-16	26-Nov-16	-18	[Red bar from Nov 07 to Nov 26]					
SVII10680	Sec VII - Retaining wall RW5 (bay 2) - construct base slab and wall	18	28-Nov-16	17-Dec-16	-18	[Red bar from Nov 28 to Dec 17]					
SVII10800	Sec VII - Retaining wall RW5 (bay 3) - construct base slab and wall	18	07-Nov-16	26-Nov-16	-18	[Red bar from Nov 07 to Nov 26]					
SVII10820	Sec VII - Retaining wall RW5 (bay 4) - construct base slab and wall	18	28-Nov-16	17-Dec-16	-18	[Red bar from Nov 28 to Dec 17]					
<b>Landing Steps Construction</b>											
<b>Landing Steps BSW13</b>											
SVII10700	Sec VII - Landing steps (BSW13) - construct mass concrete coping	26	05-Dec-16	06-Jan-17	-28	[Red bar from Dec 05 to Jan 06]					
<b>Landing Steps BSW4</b>											
SVII10940	Sec VII - Landing steps (BSW4) - construct mass concrete coping	26	05-Dec-16	06-Jan-17	-28	[Red bar from Dec 05 to Jan 06]					



Activity ID	Activity Name	Remaining Dur	Early Start	Early Finish	Total Float	2016					2017	
						Sep	Oct	Nov	Dec	Jan		
<b>Landing Steps BSW5</b>												
SVIII1020	Sec VII - Landing steps (BSW5) - construct mass concrete coping	26	05-Dec-16	06-Jan-17	-24							
<b>Landing Steps BSW9</b>												
SVIII1100	Sec VII - Landing steps (BSW9) - construct mass concrete coping	24	05-Dec-16*	04-Jan-17	-21							
<b>Promenade Seawall Parapet Construction</b>												
SVII10400	Sec VII - construct block seawall mass concrete coping & backfill to pavement formation	90	03-Oct-16*	19-Jan-17	-9							
SVIII0600	Sec VII - construct seawall parapet (Zone A1, A2 & B)	90	13-Dec-16	05-Apr-17	-9							
<b>Section VIII - Landscape Softworks</b>												
<b>Soft Landscaping Works</b>												
SVIII10040	Sec VIII - Trees Planting	163	31-Aug-16	20-Mar-17	0							
<b>Section X - Protection &amp; Preservation of Trees</b>												
<b>Soft Landscaping Works</b>												
SX10020	Sec X - Protection & Preservation of Trees	326	31-Jan-13 A	22-Jul-17	0							
<b>VO : Construction of Box 4A &amp; 4B</b>												
<b>Box 4A</b>												
4A10000	Concrete Fill with 300 dia. carrier drain (Approx. 50m)	16	26-Sep-16*	11-Oct-16	-152							
4A10020	Internal Suspended Slab & Internal Wall	24	30-Sep-16	23-Oct-16	-152							
<b>Box 4B</b>												
4B10000	Concrete Fill with 300 dia. carrier drain (Approx. 50m)	16	12-Oct-16	27-Oct-16	-144							
4B10010	Internal Suspended Slab & Internal Wall	24	24-Oct-16	16-Nov-16	-152							



Activity ID	Activity Name	Rem Dur	Start	Finish	2016														
					October						November			December					
					18	25	02	09	16	23	30	06	13	20	27	04	11	18	
<b>3MRP - Sept 2016 to Dec 2016</b>					184	20-Jun-15 A	29-Apr-17												
<b>02 - PRE-CONSTRUCTION WORKS</b>					184	20-Jun-15 A	29-Apr-17												
<b>02.3 - Method Statement / Shop Drawings</b>					76	20-Jun-15 A	04-Dec-16												
0230-1380	MS Landscape Deck Structure - Submission	11	20-Jun-15 A	01-Oct-16	MS Landscape Deck Structure - Submission														
0230-1390	MS Landscape Deck Structure - ER Review & Comment	28	01-Oct-16	29-Oct-16	MS Landscape Deck Structure - ER Review & Comment														
0230-1400	MS Landscape Deck Structure - Resubmission	28	29-Oct-16	26-Nov-16	MS Landscape Deck Structure - Resubmission														
0240-1230	HGHK Carpark - Application for BD Consent (BA8)	0	21-Jun-16 A	16-Aug-16 A															
0240-1240	HGHK Carpark - BD Consent Received	0		16-Aug-16 A															
0240-1241	HGHK Carpark - Resubmit ammended Design as Req'd by HGHK to change 900H to 2400H boundary wall at Phase II (by AECOM)	12	20-Sep-16*	01-Oct-16	HGHK Carpark - Resubmit ammended Design as Req'd by HGHK to change 900H to 2400H boundary wall at Phase II (by AECOM)														
0240-1250	HGHK Carpark - Commencement Notification to BD (BA10)(A&A Works)	12	17-Aug-16 A	01-Oct-16	HGHK Carpark - Commencement Notification to BD (BA10)(A&A Works)														
0240-1270	Landscaping Design - Submission	20	20-Apr-16 A	09-Oct-16	Landscaping Design - Submission														
0240-1280	Landscaping Design - ER Review/Resubmission	28	10-Oct-16	06-Nov-16	Landscaping Design - ER Review/Resubmission														
0240-1290	Landscaping Design - ER Approval	28	07-Nov-16	04-Dec-16	Landscaping Design - ER Approval														
0240-1298	Green Roof Minimum 2 years Establishment - Start	0	15-Oct-16		◆ Green Roof Minimum 2 years Establishment - Start														
0240-2460	MS for for trial erection of green roof - Resubmission	10	04-Apr-16 A	29-Sep-16	MS for for trial erection of green roof - Resubmission														
0240-2470	MS for for trial erection of green roof - No Adverse Comment	15	30-Sep-16	14-Oct-16	MS for for trial erection of green roof - No Adverse Comment														
A2050	MS for Dismantling of LG-A at Pier 44-46 - Submission	0	25-Jul-16 A	29-Jul-16 A															
A2060	MS for Dismantling of LG-A at Pier 44-46 - ER Review / Comment	0	20-Aug-16 A	25-Aug-16 A	MS for Dismantling of LG-A at Pier 44-46 - ER Review / Comment														
A2070	MS for Dismantling of LG-A at Pier 44-46 - Resubmission	0	26-Aug-16 A	31-Aug-16 A	MS for Dismantling of LG-A at Pier 44-46 - Resubmission														
A2080	MS for Dismantling of LG-A at Pier 44-46 - No Adverse Comment	0	01-Sep-16 A	06-Sep-16 A	MS for Dismantling of LG-A at Pier 44-46 - No Adverse Comment														
A2090	MS for Demolition Eastbound Bridge - Submission	6	20-Sep-16*	25-Sep-16	MS for Demolition Eastbound Bridge - Submission														
A2100	MS for Demolition Eastbound Bridge - ER Review / Comment	6	26-Sep-16	01-Oct-16	MS for Demolition Eastbound Bridge - ER Review / Comment														
A2110	MS for Demolition Eastbound Bridge - Resubmission	6	02-Oct-16	07-Oct-16	MS for Demolition Eastbound Bridge - Resubmission														
A2120	MS for Demolition Eastbound Bridge - No Adverse Comment	6	08-Oct-16	13-Oct-16	MS for Demolition Eastbound Bridge - No Adverse Comment														
A3200	MS for LG-BM Assembly at Pier(F8B - F9B) - Submission	9	19-Sep-16 A	28-Sep-16	MS for LG-BM Assembly at Pier(F8B - F9B) - Submission														
A3210	MS for LG-BM Assembly at Pier(F8B - F9B) - ER Review / Comment	6	29-Sep-16	04-Oct-16	MS for LG-BM Assembly at Pier(F8B - F9B) - ER Review / Comment														
A3220	MS for LG-BM Assembly at Pier(F8B - F9B) - Resubmission	6	05-Oct-16	10-Oct-16	MS for LG-BM Assembly at Pier(F8B - F9B) - Resubmission														
A3230	MS for LG-BM Assembly at Pier(F8B - F9B) - No Adverse Comment	6	11-Oct-16	16-Oct-16	MS for LG-BM Assembly at Pier(F8B - F9B) - No Adverse Comment														
<b>02.5 - Bridge Segment/Beam Off-site Precasting</b>					184	26-Aug-16 A	29-Apr-17												
0250-3980	Bridge F2B - Pier F5B Segment - 6 nos. (S2) - Mould 2	4	26-Aug-16 A	23-Sep-16	Bridge F2B - Pier F5B Segment - 6 nos. (S2) - Mould 2														
0250-4000	Bridge F3B - Pier F5B Segment - 6 nos. (S2) - Mould 2	17	24-Sep-16	15-Oct-16	Bridge F3B - Pier F5B Segment - 6 nos. (S2) - Mould 2														
0250-4010	Bridge F3B - Pier F8B Segment - 6 nos. (S2) - Mould 2	19	17-Oct-16	07-Nov-16	Bridge F3B - Pier F8B Segment - 6 nos. (S2) - Mould 2														
0250-4015	Bridge F2B - Pier F3B2 Segment - 5 nos. (S2) - Mould 2	20	08-Nov-16	30-Nov-16	Bridge F2B - Pier F3B2 Segment - 5 nos. (S2) - Mould 2														
0250-4040	Bridge F3B - Pier F7B Segment - 11 nos. (S1) - Mould 1	32	17-Oct-16*	22-Nov-16	Bridge F3B - Pier F7B Segment - 11 nos. (S1) - Mould 1														
0250-4045	Bridge F3B - Pier F6B Segment - 13 nos. (S2) - Mould 1	37	23-Nov-16	04-Jan-17	Bridge F3B - Pier F6B Segment - 13 nos. (S2) - Mould 1														
0250-4110	Bridge F1B1 - Pier F2B1 Segment - 11 nos. (T) - Mould 3	28	24-Jan-17	27-Feb-17															
0250-4115	Bridge F1B1 - Pier F1B1 Segment - 13 nos. (T) - Mould 3	32	28-Feb-17	06-Apr-17															

- Remaining Level of Effort ◆ ◆ Milestone
- Actual Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work

**Contract HY/2009/19**  
**Three Months Rolling Programme (20 Sept to 19 Dec 2016)**

Activity ID	Activity Name	Rem Dur	Start	Finish	2016													
					October						November			December				
					18	25	02	09	16	23	30	06	13	20	27	04	11	18
0250-4120	Bridge F1B1 - Abut D12 Segment - 5 nos. (T) - Mould 3	18	07-Apr-17	29-Apr-17														
<b>05 - SECTION 2 &amp; 2A OF THE WORKS</b>		70	01-Dec-15 A	12-Dec-16														
<b>05.1 - Cut &amp; Cover Tunnel Ch 4855-4932 (APS Footprint)</b>		70	01-Dec-15 A	12-Dec-16														
<b>05.1.6 - EVB Sub-structure &amp; Tunnel</b>		70	01-Dec-15 A	12-Dec-16														
<b>05.1.6 - EVB Outstanding Works</b>		70	12-May-16 A	12-Dec-16														
0515-3099	Complete EVB Outstanding Works	0		12-Dec-16*														◆ Complete EVB Out
0710-0900	Water proofing system (external) - Stage 1	0	12-May-16 A	25-Aug-16 A														
0710-1000	Backfill (N46-64/S48-67) for East Vent Bldg - Stage 1	0	27-Jun-16 A	26-Aug-16 A														
A1960	Reinstate the temporary opening	27	20-Sep-16	22-Oct-16														
A1961	Water proofing system (external) - Stage 2	0	02-Sep-16 A	10-Sep-16 A														
A1962	Backfill (N46-64/S48-67) for East Vent Bldg - Stage 2	32	20-Sep-16	28-Oct-16														
A1963	Concrete paving / Finishing surface	5	29-Oct-16	03-Nov-16														
A1980	Remove of temporary sheet pile cover	14	26-Sep-16	13-Oct-16														
A1990	Water proofing system (internal)	24	05-Aug-16 A	19-Oct-16														
<b>05.1.7 - EVB &amp; Tunnel Remedial Works</b>		70	01-Dec-15 A	12-Dec-16														
A2030	Tunnel - Pump Sump E > Rectification of Reserve Pipe & Gen Cleaning Works	0	22-Aug-16 A	31-Aug-16 A														
A2032	Tunnel - Pump Sump E > Coring works for rectify the inclination of reserve pipe	5	22-Aug-16 A	24-Sep-16														
A2040	Tunnel - OHVD ( Eastern Side ) > Rectification of Water Seepage	70	15-May-16 A	12-Dec-16														
A2250	Tunnel - OHVD ( Western Side ) > Rectification of Structural Concrete Defect	0	25-May-16 A	15-Sep-16 A														
A2260	Tunnel - OHVD ( Western Side ) > Rectification of Water Seepage	70	24-Jun-16 A	12-Dec-16														
A2270	Tunnel - APS > Rectification of Structural Concrete Defect & Gen Cleaning Works	34	01-Jul-16 A	31-Oct-16														
A2280	EVB - Rectification of Structural Defects at Stairs 03	10	05-Aug-16 A	30-Sep-16														
A2290	EVB - Rectification of Structural Defects at Stairs 01	9	01-Sep-16 A	29-Sep-16														
A2300	EVB - Rectification of Structural Defects at Stairs 02	16	01-Dec-15 A	08-Oct-16														
A2310	EVB - (Western Side) > Rectification of Structural Concrete Defect & Gen Cleaning Works	10	01-May-16 A	30-Sep-16														
A2320	EVB - (Eastern Side) > Rectification of Structural Concrete Defect & Gen Cleaning Works	25	01-May-16 A	20-Oct-16														
A2330	EVB - Rectification of Defects to Water Tanks	10	01-May-16 A	30-Sep-16														
<b>09 - SECTION 6 OF THE WORKS</b>		63	08-Oct-16	22-Dec-16														
<b>09.1 - Carparks for Harbour Grand Hong Kong</b>		63	08-Oct-16	22-Dec-16														
0910-1003	HGHK Carpark Work Commenced	0		08-Oct-16														◆ HGHK Carpark Work Commenced
0910-1007	Demo > Gen Clearance, Plant/Tile/Slab Removal (Part 1)	7	11-Oct-16	18-Oct-16														
0910-1007.1	Drainage Construction	10	19-Oct-16	29-Oct-16														
0910-1007.2	E&M Manhole Const. and Waterpipe Installations	5	31-Oct-16	04-Nov-16														
0910-1007.3	3000H Feature Wall (RC)	10	05-Nov-16	16-Nov-16														
0910-1007.4	900H Boundary Wall (RC)	8	05-Nov-16	14-Nov-16														
0910-1007.5	Planter Box (RC)	10	05-Nov-16	16-Nov-16														
0910-1010	Carprk Base Slab Works (Partial - Portion IVB)	18	17-Nov-16	07-Dec-16														

█ Remaining Level of Effort ◆ ◆ Milestone  
█ Actual Level of Effort  
█ Actual Work  
█ Remaining Work  
█ Critical Remaining Work

**Contract HY/2009/19**  
**Three Months Rolling Programme (20 Sept to 19 Dec 2016)**











Activity ID	Activity Name	Rem Dur	Start	Finish	2016							2017						
					2016							2017						
					18	25	01	08	15	22	29	05	12	19	26	05	12	19

**3MRP - Nov 2016 to Feb 2017**

**02 - PRE-CONSTRUCTION WORKS**

**02.3 - Method Statement / Shop Drawings**

0230-1390	MS Landscape Deck Structure - ER Review & Comment	0	26-Oct-16 A	22-Nov-16 A	Review & Comment
0230-1400	MS Landscape Deck Structure - Resubmission	0	23-Nov-16 A	20-Dec-16 A	MS Landscape Deck Structure - Resubmission
0230-1410	MS Landscape Deck Structure - ER Approval	28	20-Dec-16	16-Jan-17	MS Landscape Deck Structure - ER Approval
0240-1280	Landscaping Design - ER Review/Resubmission	28	20-Dec-16	16-Jan-17	Landscaping Design - ER Review/Resubmission
0240-1290	Landscaping Design - ER Approval	28	07-Dec-16 A	13-Feb-17	Landscaping Design - ER Approval
0240-1295	Landscaping Design - Fabrication & Delivery	28	14-Feb-17	13-Mar-17	Landscaping Design - Fabrication & Delivery
0240-1298	Green Roof Minimum 2 years Establishment - Start	0	04-Jan-17		Green Roof Minimum 2 years Establishment - Start
0240-2470	MS for for trial erection of green roof - No Adverse Comment	15	30-Oct-16 A	03-Jan-17	MS for for trial erection of green roof - No Adverse Comment
A3210	MS for LG-BM Assembly at Pier(F8B - F9B) - ER Review / Comment	0	21-Nov-16 A	26-Nov-16 A	MS for LG-BM Assembly at Pier(F8B - F9B) - ER Review / Comment
A3220	MS for LG-BM Assembly at Pier(F8B - F9B) - Resubmission	0	27-Nov-16 A	02-Dec-16 A	MS for LG-BM Assembly at Pier(F8B - F9B) - Resubmission
A3230	MS for LG-BM Assembly at Pier(F8B - F9B) - No Adverse Comment	0	03-Dec-16 A	08-Dec-16 A	MS for LG-BM Assembly at Pier(F8B - F9B) - No Adverse Comment

**02.5 - Bridge Segment/Beam Off-site Precasting**

0250-4010	Bridge F3B - Pier F8B Segment - 6 nos. (S2) - Mould 2	0	14-Nov-16 A	05-Dec-16 A	Bridge F3B - Pier F8B Segment - 6 nos. (S2) - Mould 2
0250-4015	Bridge F2B - Pier F3B2 Segment - 5 nos. (S2) - Mould 2	4	06-Dec-16 A	23-Dec-16	Bridge F2B - Pier F3B2 Segment - 5 nos. (S2) - Mould 2
0250-4017	Bridge F1B2 - Pier F2B2 Segment - 11 nos. (S1) - Mould 2	37	24-Dec-16	08-Feb-17	Bridge F1B2 - Pier F2B2 Segment - 11 nos. (S1) - Mould 2
0250-4018	Bridge F1B2 - Pier F1B2 Segment - 13 nos. (S1) - Mould 2	37	09-Feb-17	23-Mar-17	Bridge F1B2 - Pier F1B2 Segment - 13 nos. (S1) - Mould 2
0250-4040	Bridge F3B - Pier F7B Segment - 11 nos. (S1) - Mould 1	0	17-Oct-16 A	21-Nov-16 A	Bridge F3B - Pier F7B Segment - 11 nos. (S1) - Mould 1
0250-4045	Bridge F3B - Pier F6B Segment - 13 nos. (S2) - Mould 1	13	22-Nov-16 A	04-Jan-17	Bridge F3B - Pier F6B Segment - 13 nos. (S2) - Mould 1
0250-4050	Bridge F2B - Pier F4B Segment - 13 nos. (S1) - Mould 1	37	05-Jan-17	18-Feb-17	Bridge F2B - Pier F4B Segment - 13 nos. (S1) - Mould 1
0250-4055	Bridge F1B2 - Abut D12 Segment - 6 nos. (S2) - Mould 1	20	20-Feb-17	14-Mar-17	Bridge F1B2 - Abut D12 Segment - 6 nos. (S2) - Mould 1
0250-4100	Bridge F1B1 - Pier F3B1 Segment - 7 nos. (T) - Mould 3	19	02-Jan-17*	23-Jan-17	Bridge F1B1 - Pier F3B1 Segment - 7 nos. (T) - Mould 3
0250-4110	Bridge F1B1 - Pier F2B1 Segment - 11 nos. (T) - Mould 3	28	24-Jan-17	27-Feb-17	Bridge F1B1 - Pier F2B1 Segment - 11 nos. (T) - Mould 3
0250-4115	Bridge F1B1 - Pier F1B1 Segment - 13 nos. (T) - Mould 3	32	28-Feb-17	06-Apr-17	Bridge F1B1 - Pier F1B1 Segment - 13 nos. (T) - Mould 3
A3160	Delivery of Segments - Bridge F3B	14	13-Jan-17	31-Jan-17	Delivery of Segments - Bridge F3B
A3170	Delivery of Segments - Bridge F2B	18	03-Feb-17	23-Feb-17	Delivery of Segments - Bridge F2B

**05 - SECTION 2 & 2A OF THE WORKS**

**05.1 - Cut & Cover Tunnel Ch 4855-4932 (APS Footprint)**

**05.1.6 - EVB Sub-structure & Tunnel**

**05.1.6 - EVB Outstanding Works**

0515-3099	Complete EVB Outstanding Works	0		28-Feb-17*	Complete EVB Outstanding Works
A1960.3	Reinstate the temporary opening	3	07-Jan-17	10-Jan-17	Reinstate the temporary opening
A1960.5	Sheet Pile Removal	5	10-Nov-16 A	24-Dec-16	Sheet Pile Removal
A1962.3	Backfill (N46-64/S48-67) for East Vent Bldg - Stage 3	8	10-Nov-16 A	29-Dec-16	Backfill (N46-64/S48-67) for East Vent Bldg - Stage 3
A1963	Concrete paving / Finishing surface (part 1)	15	30-Dec-16	16-Jan-17	Concrete paving / Finishing surface (part 1)
A1963.3	Concrete paving / Finishing surface (part 2)	15	17-Jan-17	04-Feb-17	Concrete paving / Finishing surface (part 2)

Remaining Level of Effort	Remaining Work
Actual Level of Effort	Critical Remaining Work
Actual Work	Milestone

**Contract HY/2009/19**  
**Three Months Rolling Programme (20 Dec 2016 to 19 Feb 2017)**



Activity ID	Activity Name	Rem Dur	Start	Finish	2016		2017														
					Dec	Jan	January				February				March						
					18	25	01	08	15	22	29	05	12	19	26	05	12	19	26		
<b>05.1.7 - EVB &amp; Tunnel Remedial Works</b>																					
A2270	Tunnel - APS > Rectification of Structural Concrete Defect (ST 1 & 2)	15	01-Jul-16 A	06-Jan-17	Tunnel - APS > Rectification of Structural Concrete Defect (ST 1 & 2)																
A2273	EVB - Rectification of Concrete Defects at Stairs 01 & 6	15	20-Dec-16 A	06-Jan-17	EVB - Rectification of Concrete Defects at Stairs 01 & 6																
A2275	EVB - Rectification of Concrete Defects to Plenum B1-07	12	15-Feb-17	28-Feb-17	EVB - Rectification of Concrete Defects to Plenum B1-07																
A2276	EVB - Rectification of Concrete Defects to Vent Shaft B1-18	5	09-Feb-17	14-Feb-17	EVB - Rectification of Concrete Defects to Vent Shaft B1-18																
A2277	EVB - Rectification of Concrete Defects to Plenum B1-24 & 26	10	26-Jan-17	08-Feb-17	EVB - Rectification of Concrete Defects to Plenum B1-24 & 26																
A2278	EVB - Rectification of Concrete Defects to Plenum B1-23	6	19-Jan-17	25-Jan-17	EVB - Rectification of Concrete Defects to Plenum B1-23																
A2279	EVB - Rectification of Concrete Defects to GL A-E/3-5	7	11-Jan-17	18-Jan-17	EVB - Rectification of Concrete Defects to GL A-E/3-5																
A2313	EVB - (South Side) > Make Good D-wall surface (GL 6/E-F)	12	14-Nov-16 A	03-Jan-17	EVB - (South Side) > Make Good D-wall surface (GL 6/E-F)																
A2314	EVB - (South Side) > Make Good D-wall surface (GL 6/M-O)	9	04-Jan-17	13-Jan-17	EVB - (South Side) > Make Good D-wall surface (GL 6/M-O)																
A2315	EVB - (North Side) > Make Good D-wall surface (GL 2/E-F)	14	14-Jan-17	01-Feb-17	EVB - (North Side) > Make Good D-wall surface (GL 2/E-F)																
A2315.5	EVB - (North Side) > Make Good D-wall surface (GL 2/E-F)	14	06-Feb-17	21-Feb-17	EVB - (North Side) > Make Good D-wall surface (GL 2/E-F)																
A2316	EVB - (West Side) > Make Good D-wall surface (GL A/4-6)	2	22-Feb-17	23-Feb-17	EVB - (West Side) > Make Good D-wall surface (GL A/4-6)																
A4110	EVB - (South Side) > Water Leakage Injection (GL 6/A-D)	6	20-Dec-16	27-Dec-16	EVB - (South Side) > Water Leakage Injection (GL 6/A-D)																
A4120	EVB - (South Side) > Water Leakage Injection (GL 6N-O)	4	04-Jan-17	07-Jan-17	EVB - (South Side) > Water Leakage Injection (GL 6N-O)																
<b>09 - SECTION 6 OF THE WORKS</b>																					
<b>09.1 - Car parks for Harbour Grand Hong Kong</b>																					
<b>Hoarding (Additional Hoarding requested by HGHK)</b>																					
A4090	Demolition of Add'l Hoarding	9	24-Dec-16	04-Jan-17	Demolition of Add'l Hoarding																
<b>HGHK Reprovision</b>																					
<b>Design, Submission, Material Approval</b>																					
<b>Revised Boundary Wall</b>																					
A3680	A&A Submission (for Stage 2 only; Stage 1 previously app'd)	4	26-Oct-16 A	23-Dec-16	A&A Submission (for Stage 2 only; Stage 1 previously app'd)																
A3690	BA8 + Supervision Plan (Wall) (for Stage 2 only; Stage 1 previously app'd)	24	24-Dec-16	21-Jan-17	BA8 + Supervision Plan (Wall) (for Stage 2 only; Stage 1 previously app'd)																
A3700	BA10 (Wall)	0	23-Jan-17		◆ BA10 (Wall)																
A3710	BA14 (Wall)	0		21-Feb-17	◆ BA14 (Wall)																
A3720	Prepare Tiling Layout	0	03-Oct-16 A	17-Oct-16 A																	
A3730	Confirm Tiling Layout by (AECOM)	0		17-Oct-16 A																	
<b>Material Approval and Procurement</b>																					
A3740	Floor Tile Approval	0	05-Jul-16 A	30-Aug-16 A																	
A3750	Floor Tile Procurement & Delivery	13	18-Oct-16 A	04-Jan-17	Floor Tile Procurement & Delivery																
A3760	Wall Tile Procurement & Delivery	2	18-Oct-16 A	21-Dec-16	Wall Tile Procurement & Delivery																
<b>Construction</b>																					
<b>Stage 1 Construction (Below IEC W/B)</b>																					
A3870	Screeding + Floor + Mix	6	20-Dec-16	27-Dec-16	Screeding + Floor + Mix																
A3880	Tiling (Stage 1)	26	05-Jan-17	06-Feb-17	Tiling (Stage 1)																
<b>Stage 2 Construction (Below IEC E/B)</b>																					
A3890	Demolition (Advance Works prior to Bridge Demolition) - General Clearance	4	15-Dec-16 A	23-Dec-16	Demolition (Advance Works prior to Bridge Demolition) - General Clearance																

- █ Remaining Level of Effort
- █ Actual Level of Effort
- █ Actual Work
- █ Remaining Work
- █ Critical Remaining Work
- ◆ Milestone

**Contract HY/2009/19**  
**Three Months Rolling Programme (20 Dec 2016 to 19 Feb 2017)**

Activity ID	Activity Name	Rem Dur	Start	Finish	2016		2017											
					December		January				February				March			
					18	25	01	08	15	22	29	05	12	19	26	05	12	19
A3900	3000H Feature Wall (RC)	12	05-Jan-17	18-Jan-17			3000H Feature Wall (RC)											
A3910	1800H Boundary Wall (RC)	18	23-Jan-17	14-Feb-17			1800H Boundary Wall (RC)											
A3920	E&M Manhole Construction	12	01-Feb-17	14-Feb-17			E&M Manhole Construction											
A3930	Waterpipe Installation	6	08-Feb-17	14-Feb-17			Waterpipe Installation											
A3940	Slab Construction	6	15-Feb-17	21-Feb-17			Slab Construction											
A3950	Screeding + Floor + Mix	6	22-Feb-17	28-Feb-17			Screeding + Floor + Mix											
A3960	Tiling (Stage 2)	24	01-Mar-17	28-Mar-17			Tiling (Stage 2)											
<b>Alfresco Cafe Area (outside works boundary)</b>																		
<b>Trial Pit (confirmed)</b>																		
A4010	Trial Pit Excavation (Hand Dig) - 6 Nos Loc (incl: rem tiles, excav)	15	17-Dec-16 A	06-Jan-17			Trial Pit Excavation (Hand Dig) - 6 Nos Loc (incl: rem tiles, excav)											
A4020	Utility Identification	14	19-Dec-16 A	09-Jan-17			Utility Identification											
A4030	Reinstatement ( backfilling)	14	23-Dec-16	09-Jan-17			Reinstatement ( backfilling)											
<b>Reprovision (confirmed)</b>																		
A4060	Material Procurement & Delivery	52	19-Dec-16 A	21-Feb-17			Material Procurement & Delivery											
A4070	Demolition (rem tiles)	8	10-Jan-17	18-Jan-17			Demolition (rem tiles)											
A4080	Construction	35	22-Feb-17	03-Apr-17			Construction											
<b>10 - SECTION X OF THE WORKS</b>																		
<b>10.2 - W/B Bridges (Bridge C and F)</b>																		
<b>10.2.3 - Bridge Construction</b>																		
<b>Bridge C1</b>																		
A4170	Bridge C1 & E - Construct Parapet - Rebar Fixing, Cast-in Items & Fwk (P19-P20)	9	07-Dec-16 A	30-Dec-16			Bridge C1 & E - Construct Parapet - Rebar Fixing, Cast-in Items & Fwk (P19-P20)											
A4180	Bridge C1 & E - Construct Central Median - Rebar Fixing & Fwk (P19-P16)	12	15-Dec-16 A	03-Jan-17			Bridge C1 & E - Construct Central Median - Rebar Fixing & Fwk (P19-P16)											
A4190	Bridge C1 & E - Construct Parapet (Outer & Inner) - Rebar Fixing & Fwk (E3-D1)	14	23-Dec-16	09-Jan-17			Bridge C1 & E - Construct Parapet (Outer & Inner) - Rebar Fixing & Fwk (E3-D1)											
A4200	Bridge C1 & E - Construct Parapet - Cast Concrete & Remove Fwk (P19-P20)	6	31-Dec-16	06-Jan-17			Bridge C1 & E - Construct Parapet - Cast Concrete & Remove Fwk (P19-P20)											
A4210	Bridge C1 & E - Construct Central Median - Cast Concrete & Remove Fwk (P19-P16)	9	07-Jan-17	17-Jan-17			Bridge C1 & E - Construct Central Median - Cast Concrete & Remove Fwk (P19-P16)											
A4220	Bridge C1 & E - Construct Parapet (Outer & Inner) - Cast Concrete & Remove Fwk (E3-D1)	12	18-Jan-17	02-Feb-17			Bridge C1 & E - Construct Parapet (Outer & Inner) - Cast Concrete & Remove Fwk (E3-D1)											
A4230	Bridge C1 & E - Construct Single Noise Barrier (P19-20) > Main Post / Frame	18	10-Jan-17	01-Feb-17			Bridge C1 & E - Construct Single Noise Barrier (P19-20) > Main Post / Frame											
A4240	Bridge C1 & E - Construct Single Noise Barrier (P19-20) > Panels	14	02-Feb-17	17-Feb-17			Bridge C1 & E - Construct Single Noise Barrier (P19-20) > Panels											
<b>All W/B Bridges (Common)</b>																		
A4130	Outstanding Noise panels & Capping Plate to Noise Enclosure	10	31-Oct-16 A	31-Dec-16			Outstanding Noise panels & Capping Plate to Noise Enclosure											
<b>10.3 - Middle Bridge (Bridge F)</b>																		
<b>10.3.1 - Pier Construction</b>																		
<b>Pier F5B to F8B</b>																		
1031-1680	Existing P42/F7B Prepare C.J.	6	15-Feb-17	21-Feb-17			Existing P42/F7B Prepare C.J.											
1031-1700	Existing P42/F7B Construct Pier/Column	14	22-Feb-17	09-Mar-17			Existing P42/F7B Construct Pier/Column											
1031-1720	Existing P42/F7B Construct Crosshead	18	10-Mar-17	30-Mar-17			Existing P42/F7B Construct Crosshead											
1031-1740	Bearing Installation P42/F7B	4	31-Mar-17	04-Apr-17			Bearing Installation P42/F7B											
1031-1760	Existing P43/F8B Prepare C.J.	6	01-Feb-17	07-Feb-17			Existing P43/F8B Prepare C.J.											

█ Remaining Level of Effort    █ Remaining Work  
█ Actual Level of Effort    █ Critical Remaining Work  
█ Actual Work    ◆ Milestone

**Contract HY/2009/19**  
**Three Months Rolling Programme (20 Dec 2016 to 19 Feb 2017)**







Activity ID	Activity Name	Original Duration	Start	Finish	2016				2017	
					Oct	Nov	Dec	Jan	Feb	
<b>Total</b>		139d	21-Aug-16 A	05-Jan-17						
<b>TS3W - 3 Months Rolling Programme - 2016-10</b>		139d	21-Aug-16 A	05-Jan-17						
<b>CCT</b>		139d	21-Aug-16 A	05-Jan-17						
<b>Northern &amp; Southern Tunnel</b>		108d	21-Aug-16 A	05-Jan-17						
<b>Zone E1</b>		70d	21-Aug-16 A	21-Nov-16						
<b>Bay 1</b>		70d	21-Aug-16 A	21-Nov-16						
TS3W_2100	Bay 1 - Break Trough Bulkhead Bay 1N & 1S	21d	20-Sep-16 A	20-Nov-16						
TS3W_2090	Bay 1 - Spray Type Waterproofing, Protection Board & Backfilling	10d	31-Oct-16	09-Nov-16						
<b>Bay N1</b>		63d	21-Aug-16 A	21-Nov-16						
TS3W_2130	Bay N1 - Utility Trough	4d	21-Aug-16 A	21-Nov-16						
TS3W_2150	Bay N1 - Roof Slab	10d	24-Sep-16 A	25-Oct-16 A						
<b>Bay S1</b>		26d	21-Aug-16 A	03-Nov-16						
TS3W_2180	Bay S1 - Utility Trough	4d	21-Aug-16 A	03-Nov-16						
TS3W_2200	Bay S1 - Roof Slab	10d	23-Sep-16 A	11-Oct-16 A						
<b>Bay 2</b>		51d	21-Aug-16 A	09-Nov-16						
TS3W_2230	Bay 2 - Spray Type Waterproofing, Protection Board & Backfilling	10d	31-Oct-16	09-Nov-16						
<b>Bay N2</b>		51d	21-Aug-16 A	06-Nov-16						
TS3W_2260	Bay N2 - Utility Trough	4d	21-Aug-16 A	06-Nov-16						
TS3W_2280	Bay N2 - Roof Slab	10d	30-Aug-16 A	31-Oct-16 A						
TS3W_2270	Bay N2 - OHVD Slab & Hanger Wall	11d	01-Sep-16 A	09-Oct-16 A						
<b>Bay S2</b>		51d	21-Aug-16 A	06-Nov-16						
TS3W_2310	Bay S2 - Utility Trough	4d	21-Aug-16 A	06-Nov-16						
TS3W_2330	Bay S2 - Roof Slab	10d	25-Aug-16 A	28-Oct-16 A						
TS3W_2320	Bay S2 - OHVD Slab & Hanger Wall	11d	29-Aug-16 A	03-Oct-16 A						
<b>Zone E2</b>		55d	21-Aug-16 A	25-Nov-16						
<b>Bay 3</b>		55d	21-Aug-16 A	25-Nov-16						
TS3W_2360	Bay 3 - Spray Type Waterproofing, Protection Board & Backfilling	10d	31-Oct-16	09-Nov-16						
<b>Bay N3</b>		55d	21-Aug-16 A	25-Nov-16						
TS3W_2390	Bay N3 - Utility Trough	4d	21-Aug-16 A	03-Nov-16						
TS3W_2410	Bay N3 - Roof Slab	10d	13-Sep-16 A	25-Nov-16						
TS3W_2400	Bay N3 - OHVD Slab & Hanger Wall	11d	20-Sep-16 A	16-Oct-16 A						
<b>Bay S3</b>		53d	23-Aug-16 A	22-Nov-16						
TS3W_2440	Bay S3 - Utility Trough	4d	23-Aug-16 A	08-Nov-16						
TS3W_2450	Bay S3 - OHVD Slab & Hanger Wall	11d	13-Sep-16 A	14-Oct-16 A						
TS3W_2460	Bay S3 - Roof Slab	10d	28-Sep-16 A	22-Nov-16						
<b>Zone W1</b>		101d	25-Aug-16 A	05-Jan-17						
<b>Bay 4</b>		41d	25-Aug-16 A	19-Nov-16						
TS3W_2490	Bay 4 - Spray Type Waterproofing, Protection Board & Backfilling	10d	31-Oct-16	09-Nov-16						
<b>Bay N4</b>		38d	25-Aug-16 A	18-Nov-16						
TS3W_2620	Bay N4 - Utility Trough	4d	25-Aug-16 A	06-Nov-16						
TS3W_2610	Bay N4 - Wall 5	7d	22-Sep-16 A	03-Oct-16 A						
TS3W_2640	Bay N4 - Roof Slab	10d	26-Sep-16 A	18-Nov-16						
TS3W_2630	Bay N4 - OHVD Slab & Hanger Wall	11d	15-Oct-16 A	19-Oct-16 A						

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

Date	Revision	Checked	Approved
20-Oct-16	Updated to 20th Oct 2016	DML/WC	

Activity ID	Activity Name	Original Duration	Start	Finish	2016					2017	
					Oct	Nov	Dec	Jan	Feb		
<b>Bay S4</b>											
TS3W_2690	Bay S4 - Utility Trough	4d	25-Aug-16 A	06-Nov-16	Bay S4 - Utility Trough						
TS3W_2700	Bay S4 - Roof Slab	10d	13-Sep-16 A	19-Nov-16	Bay S4 - Roof Slab						
TS3W_2710	Bay S4 - OHVD Slab & Hanger Wall	11d	15-Sep-16 A	20-Oct-16 A	Bay S4 - OHVD Slab & Hanger Wall						
TS3W_2660	Bay S4 - Wall 6	7d	21-Sep-16 A	30-Sep-16 A							
<b>Bay 5</b>											
TS3W_2740	Bay 5 - Spray Type Waterproofing, Protection Board & Backfilling	10d	31-Oct-16	09-Nov-16	Bay 5 - Spray Type Waterproofing, Protection Board & Backfilling						
<b>Bay N5</b>											
TS3W_2760	Bay N5 - Utility Trough	4d	27-Aug-16 A	06-Nov-16	Bay N5 - Utility Trough						
TS3W_2770	Bay N5 - Wall 5	7d	05-Oct-16 A	09-Oct-16 A	Bay N5 - Wall 5						
TS3W_2780	Bay N5 - Roof Slab	10d	05-Oct-16 A	21-Nov-16	Bay N5 - Roof Slab						
TS3W_2790	Bay N5 - OHVD Slab & Hanger Wall	11d	23-Oct-16 A	26-Oct-16 A	Bay N5 - OHVD Slab & Hanger Wall						
<b>Bay S5</b>											
TS3W_2810	Bay S5 - Utility Trough	4d	27-Aug-16 A	03-Nov-16	Bay S5 - Utility Trough						
TS3W_2820	Bay S5 - Wall 6	7d	23-Sep-16 A	07-Oct-16 A							
TS3W_2830	Bay S5 - OHVD Slab & Hanger Wall	11d	04-Nov-16	14-Nov-16	Bay S5 - OHVD Slab & Hanger Wall						
TS3W_2840	Bay S5 - Roof Slab	10d	15-Nov-16	24-Nov-16	Bay S5 - Roof Slab						
<b>Bay 6</b>											
TS3W_2860	Bay 6 - Concrete Strut & Remove SL 6,7,8	7d	10-Sep-16 A	04-Oct-16 A	Cut & Remove SL 6,7,8						
TS3W_2870	Bay 6 - Spray Type Waterproofing, Protection Board & Backfilling	10d	07-Nov-16	16-Nov-16	Bay 6 - Spray Type Waterproofing, Protection Board & Backfilling						
<b>Bay N6</b>											
TS3W_2890	Bay N6 - Utility Trough	4d	06-Sep-16 A	13-Nov-16	Bay N6 - Utility Trough						
TS3W_2900	Bay N6 - Wall 5	7d	10-Oct-16 A	06-Nov-16	Bay N6 - Wall 5						
TS3W_2910	Bay N6 - OHVD Slab & Hanger Wall	11d	24-Nov-16	04-Dec-16	Bay N6 - OHVD Slab & Hanger Wall						
TS3W_2920	Bay N6 - Roof Slab	10d	05-Dec-16	14-Dec-16	Bay N6 - Roof Slab						
<b>Bay S6</b>											
TS3W_2940	Bay S6 - Utility Trough	4d	29-Aug-16 A	13-Nov-16	Bay S6 - Utility Trough						
TS3W_2950	Bay S6 - Wall 6	7d	09-Oct-16 A	06-Nov-16	Bay S6 - Wall 6						
TS3W_2960	Bay S6 - OHVD Slab & Hanger Wall	11d	27-Nov-16	07-Dec-16	Bay S6 - OHVD Slab & Hanger Wall						
TS3W_2970	Bay S6 - Roof Slab	10d	08-Dec-16	17-Dec-16	Bay S6 - Roof Slab						
<b>Bay SR6</b>											
SR8_S_1250	SR8 - Bay SR6 Base Slab	7d	17-Nov-16	23-Nov-16	SR8 - Bay SR6 Base Slab						
SR8_S_1260	SR8 - Bay SR6 Wall	7d	18-Dec-16	24-Dec-16	SR8 - Bay SR6 Wall						
SR8_S_1270	SR8 - Utility Trough	4d	18-Dec-16	21-Dec-16	SR8 - Utility Trough						
SR8_S_1280	SR8 - Bay SR6 OHVD Slab & Hanger Wall	8d	22-Dec-16	29-Dec-16	SR8 - Bay SR6 OHVD Slab & Hanger Wall						
SR8_S_1290	SR8 - Bay SR6 Roof Slab	7d	30-Dec-16	05-Jan-17	SR8 - Bay SR6 Roof Slab						
<b>Zone W2</b>											
<b>Bay 7</b>											
TS3W_3230	Bay 7 - Concrete Strut & Remove SL 6,7,8	7d	06-Oct-16 A	07-Nov-16	Bay 7 - Concrete Strut & Remove SL 6,7,8						
TS3W_3240	Bay 7 - Spray Type Waterproofing, Protection Board & Backfilling	10d	15-Nov-16	24-Nov-16	Bay 7 - Spray Type Waterproofing, Protection Board & Backfilling						
<b>Bay N7</b>											
TS3W_3270	Bay N7 - Utility Trough	4d	25-Aug-16 A	18-Nov-16	Bay N7 - Utility Trough						
TS3W_3250	Bay N7 - Base Slab	7d	26-Aug-16 A	04-Oct-16 A							
TS3W_3260	Bay N7 - Wall 5 & 1	7d	08-Nov-16	14-Nov-16	Bay N7 - Wall 5 & 1						

Activity ID	Activity Name	Original Duration	Start	Finish	2016				2017	
					Oct	Nov	Dec	Jan	Feb	
TS3W_3280	Bay N7 - OHVD	11d	19-Nov-16	29-Nov-16						
TS3W_3290	Bay N7 - Roof Slab	10d	30-Nov-16	09-Dec-16						
<b>Bay S7</b>		<b>36d</b>	<b>26-Sep-16 A</b>	<b>09-Dec-16</b>						
TS3W_3320	Bay S7 - Utility Trough	4d	26-Sep-16 A	18-Nov-16						
TS3W_3310	Bay S7 - Wall 6 & 2	7d	08-Nov-16	14-Nov-16						
TS3W_3330	Bay S7 - OHVD	11d	19-Nov-16	29-Nov-16						
TS3W_3340	Bay S7 - Roof Slab	10d	30-Nov-16	09-Dec-16						
<b>Bay SR7</b>		<b>40d</b>	<b>31-Oct-16</b>	<b>09-Dec-16</b>						
SR8_S_1300	SR8 - Bay SR7 - Base Slab	7d	31-Oct-16	06-Nov-16						
SR8_S_1310	SR8 - Bay SR7 - Wall	7d	08-Nov-16	14-Nov-16						
SR8_S_1320	SR8 - Bay SR7 - Utility Trough	4d	15-Nov-16	18-Nov-16						
SR8_S_1330	SR8 - Bay SR7 - OHVD	11d	19-Nov-16	29-Nov-16						
SR8_S_1340	SR8 - Bay SR7 - Roof Slab	10d	30-Nov-16	09-Dec-16						
<b>Bay 8</b>		<b>74d</b>	<b>21-Sep-16 A</b>	<b>01-Jan-17</b>						
TS3W_3400	Bay 8 - Waterproofing (Include SR8 - Bay SR8)	3d	24-Sep-16 A	05-Oct-16 A						
TS3W_3410	Bay 8 - Concrete Strut & Remove SL 6,7,8	7d	22-Oct-16 A	13-Nov-16						
TS3W_3430	Bay 8 - Break Trough Bulkhead Bay 8N, 8S & SR8	21d	26-Oct-16 A	11-Dec-16						
TS3W_3420	Bay 8 - Spray Type Waterproofing, Protection Board & Backfilling	10d	21-Nov-16	30-Nov-16						
<b>Bay N8</b>		<b>74d</b>	<b>22-Sep-16 A</b>	<b>01-Jan-17</b>						
TS3W_3440	Bay N8 - Base Slab	7d	22-Sep-16 A	15-Oct-16 A						
TS3W_3460	Bay N8 - Utility Trough	4d	18-Oct-16 A	24-Nov-16						
TS3W_3450	Bay N8 - Wall 5 & 1	7d	14-Nov-16	20-Nov-16						
TS3W_3470	Bay N8 - OHVD	11d	12-Dec-16	22-Dec-16						
TS3W_3480	Bay N8 - Roof Slab	10d	23-Dec-16	01-Jan-17						
<b>Bay S8</b>		<b>74d</b>	<b>21-Sep-16 A</b>	<b>01-Jan-17</b>						
TS3W_3490	Bay S8 - Base Slab	7d	21-Sep-16 A	12-Oct-16 A						
TS3W_3600	Bay S8 - Utility Trough	4d	24-Oct-16 A	24-Nov-16						
TS3W_3500	Bay S8 - Wall 6 & 2	7d	14-Nov-16	20-Nov-16						
SR8_S_1370	SR8 - Utility Trough	4d	21-Nov-16	24-Nov-16						
TS3W_3610	Bay S8 - OHVD	11d	12-Dec-16	22-Dec-16						
TS3W_3620	Bay S8 - Roof Slab	10d	23-Dec-16	01-Jan-17						
<b>Bay SR8</b>		<b>63d</b>	<b>31-Oct-16</b>	<b>01-Jan-17</b>						
SR8_S_1350	SR8 - Bay SR8 - Base Slab	7d	31-Oct-16	06-Nov-16						
SR8_S_1360	SR8 - Bay SR8 - Wall	7d	14-Nov-16	20-Nov-16						
SR8_S_1380	SR8 - Bay SR8 - OHVD	11d	12-Dec-16	22-Dec-16						
SR8_S_1390	SR8 - Bay SR8 - Roof Slab	10d	23-Dec-16	01-Jan-17						
<b>Egress Passage (EP-02) &amp; Cross Passage (CP31)</b>		<b>55d</b>	<b>22-Aug-16 A</b>	<b>11-Dec-16</b>						
TS3W_3680	CP-31 + EP-02 Stair Case Structure at Bay N2 & S2	21d	22-Aug-16 A	20-Nov-16						
TS3W_3690	EP-02 Corridor on Top of S2 & S3 Roof	21d	21-Nov-16	11-Dec-16						
<b>Egress Passage (EP-03) &amp; Cross Passage (CP-30)</b>		<b>35d</b>	<b>22-Oct-16 A</b>	<b>23-Nov-16</b>						
TS3W_3700	CP-30 in Bay 5	7d	22-Oct-16 A	19-Nov-16						
TS3W_3710	Waterproofing to CP-30 & Backfilling up to SR8 BaySR6 Base Slab Bottom	4d	20-Nov-16	23-Nov-16						
<b>SR8 Tunnel</b>		<b>114d</b>	<b>21-Aug-16 A</b>	<b>11-Dec-16</b>						
<b>Waterproofing to Base Slab</b>		<b>10d</b>	<b>21-Aug-16 A</b>	<b>09-Nov-16</b>						



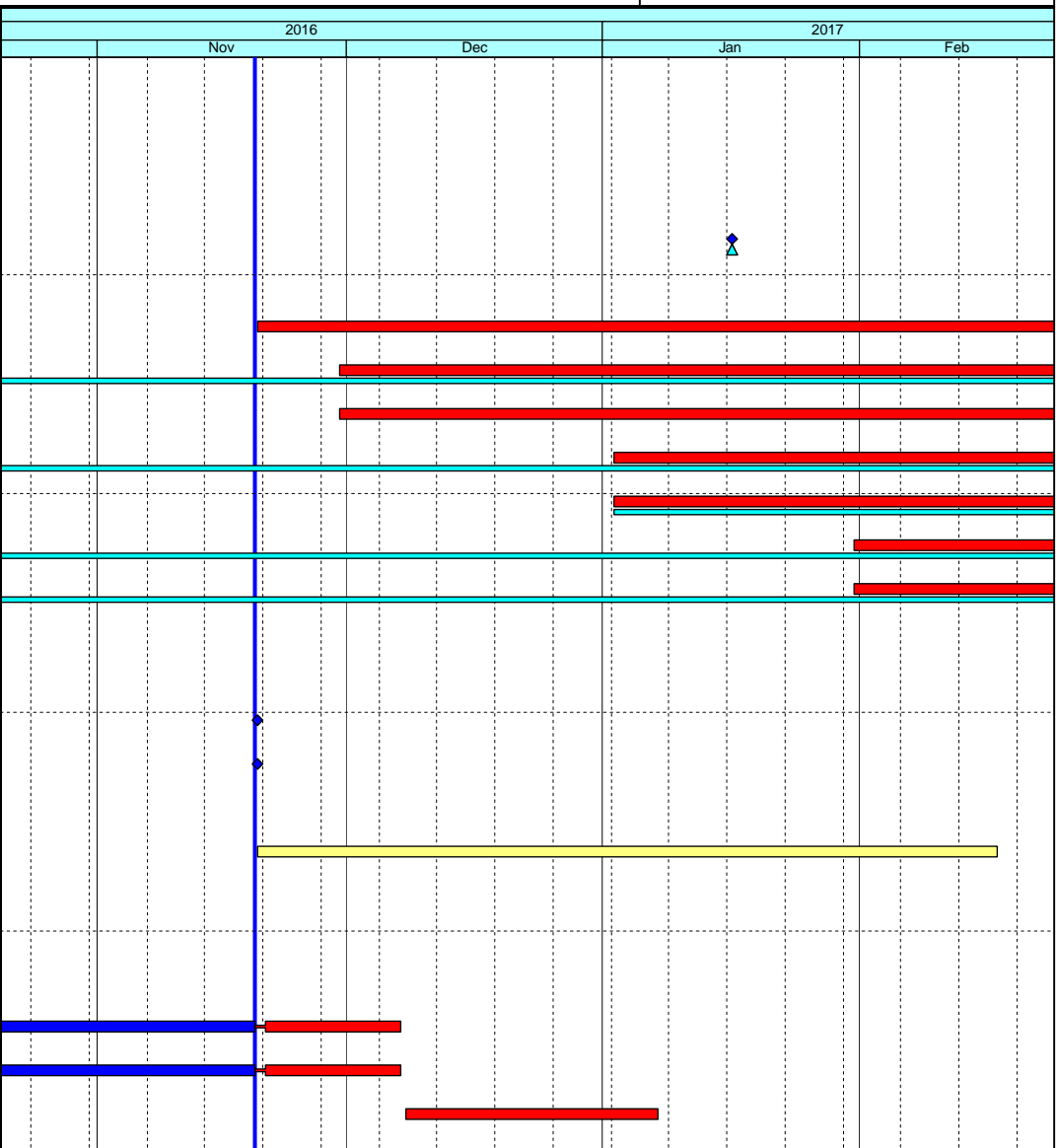
Activity ID	Activity Name	Original Duration	Start	Finish	2016				2017		
					Oct	Nov	Dec	Jan	Feb		
SR8_S_1000	Waterproof to Base Slab - Bay SR1 to SR3A	10d	21-Aug-16 A	09-Nov-16	Waterproof to Base Slab - Bay SR1 to SR3A						
<b>Bay SR1</b>		25d	31-Oct-16	24-Nov-16							
SR8_S_1020	SR8 - Bay SR1 - Utility Trough	4d	31-Oct-16	03-Nov-16	SR8 - Bay SR1 - Utility Trough						
SR8_S_1030	SR8 - Bay SR1 - OHVD Slab & Hanger Wall	11d	04-Nov-16	14-Nov-16	SR8 - Bay SR1 - OHVD Slab & Hanger Wall						
SR8_S_1040	SR8 - Bay SR1 - Roof Slab	10d	15-Nov-16	24-Nov-16	SR8 - Bay SR1 - Roof Slab						
<b>Bay SR2</b>		32d	31-Oct-16	01-Dec-16							
SR8_S_1050	SR8 - Bay SR2 - Base Slab	7d	31-Oct-16	06-Nov-16	SR8 - Bay SR2 - Base Slab						
SR8_S_1060	SR8 - Bay SR2 - Utility Trough	4d	07-Nov-16	10-Nov-16	SR8 - Bay SR2 - Utility Trough						
SR8_S_1070	SR8 - Bay SR2 - OHVD Slab & Hanger Wall	11d	11-Nov-16	21-Nov-16	SR8 - Bay SR2 - OHVD Slab & Hanger Wall						
SR8_S_1080	SR8 - Bay SR2 - Roof Slab	10d	22-Nov-16	01-Dec-16	SR8 - Bay SR2 - Roof Slab						
<b>Bay SR3 (Part Within Zone E2)</b>		42d	31-Oct-16	11-Dec-16							
SR8_S_1090	Breaking to Cut Off Level of Temporary Diaphragm Wall	3d	31-Oct-16	02-Nov-16	Breaking to Cut Off Level of Temporary Diaphragm Wall						
SR8_S_1100	SR8 - Bay SR3 - Base Slab	7d	03-Nov-16	09-Nov-16	SR8 - Bay SR3 - Base Slab						
SR8_S_1110	SR8 - Bay SR3 - Wall	7d	10-Nov-16	16-Nov-16	SR8 - Bay SR3 - Wall						
SR8_S_1120	SR8 - Bay SR3 - Utility Trough	4d	17-Nov-16	20-Nov-16	SR8 - Bay SR3 - Utility Trough						
SR8_S_1130	SR8 - Bay SR3 - OHVD Slab & Hanger Wall	11d	21-Nov-16	01-Dec-16	SR8 - Bay SR3 - OHVD Slab & Hanger Wall						
SR8_S_1140	SR8 - Bay SR3 - Roof Slab	10d	02-Dec-16	11-Dec-16	SR8 - Bay SR3 - Roof Slab						
<b>Bay SR4 (Within Zone W1)</b>		42d	31-Oct-16	11-Dec-16							
SR8_S_1150	SR8 - Bay SR4 - Base Slab	10d	31-Oct-16	09-Nov-16	SR8 - Bay SR4 - Base Slab						
SR8_S_1160	SR8 - Bay SR4 - Wall	7d	10-Nov-16	16-Nov-16	SR8 - Bay SR4 - Wall						
SR8_S_1170	SR8 - Bay SR4 - Utility Trough	4d	17-Nov-16	20-Nov-16	SR8 - Bay SR4 - Utility Trough						
SR8_S_1180	SR8 - Bay SR4 - OHVD Slab & Hanger Wall	11d	21-Nov-16	01-Dec-16	SR8 - Bay SR4 - OHVD Slab & Hanger Wall						
SR8_S_1190	SR8 - Bay SR4 - Roof Slab	10d	02-Dec-16	11-Dec-16	SR8 - Bay SR4 - Roof Slab						
<b>Bay SR5 (Within Zone W1)</b>		42d	31-Oct-16	11-Dec-16							
SR8_S_1200	SR8 - Bay SR5 - Base Slab	10d	31-Oct-16	09-Nov-16	SR8 - Bay SR5 - Base Slab						
SR8_S_1210	SR8 - Bay SR5 - Wall	7d	10-Nov-16	16-Nov-16	SR8 - Bay SR5 - Wall						
SR8_S_1220	SR8 - Bay SR5 - Utility Trough	4d	17-Nov-16	20-Nov-16	SR8 - Bay SR5 - Utility Trough						
SR8_S_1230	SR8 - Bay SR5 - OHVD Slab & Hanger Wall	11d	21-Nov-16	01-Dec-16	SR8 - Bay SR5 - OHVD Slab & Hanger Wall						
SR8_S_1240	SR8 - Bay SR5 - Roof Slab	10d	02-Dec-16	11-Dec-16	SR8 - Bay SR5 - Roof Slab						
<b>Waterproofing to Roof Slab</b>		4d	31-Oct-16	03-Nov-16							
SR8_S_1410	Waterproof to Roof Slab - Bay SR2	4d	31-Oct-16	03-Nov-16	Waterproof to Roof Slab - Bay SR2						
SR8_S_1420	Waterproof to Roof Slab - Bay SR3	4d	31-Oct-16	03-Nov-16	Waterproof to Roof Slab - Bay SR3						
SR8_S_1430	Waterproof to Roof Slab - Bay SR4	4d	31-Oct-16	03-Nov-16	Waterproof to Roof Slab - Bay SR4						
SR8_S_1440	Waterproof to Roof Slab - Bay SR5	4d	31-Oct-16	03-Nov-16	Waterproof to Roof Slab - Bay SR5						
SR8_S_1450	Waterproof to Roof Slab - Bay SR6	4d	31-Oct-16	03-Nov-16	Waterproof to Roof Slab - Bay SR6						
SR8_S_1460	Waterproof to Roof Slab - Bay SR7	4d	31-Oct-16	03-Nov-16	Waterproof to Roof Slab - Bay SR7						
SR8_S_1470	Waterproof to Roof Slab - Bay SR8	4d	31-Oct-16	03-Nov-16	Waterproof to Roof Slab - Bay SR8						
SR8_S_1400	Waterproof to Roof Slab - Bay SR1	4d	31-Oct-16	03-Nov-16	Waterproof to Roof Slab - Bay SR1						

Data Date: 20-Nov-16

# CWB(CC) - Commissioning Contract

TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
<b>Update 2016-11-20 CWB(CC) - Commissioning Contract (DWP R2d)</b>					
<b>PRELIMINARIES AND GENERAL REQUIREMENTS</b>					
<b>Salient Key Dates and Milestones</b>					
<b>Contract Key Dates</b>					
KD001	KD1 - Achievement of Stage 1 (1054 days)	0d		16-Jan-17*	0d
<b>Possession Dates and Vacation Dates</b>					
PO-Vb2_b	Possession of Portion V (Day 607) - SCP3	425d	20-Nov-16	18-Jan-18	-254d
PO-VIIIa	Possession of Portion VIIIa (Day 929) - CH4250-4600	323d	30-Nov-16	18-Oct-17	-225d
PO-VIb_a	Possession of Portion VIb (Day 761) - CH3400-3428	323d	30-Nov-16	18-Oct-17	-182d
PO-VIIIb	Possession of Portion VIIIb (Day 929) - SR8 (CH700-350)	290d	02-Jan-17	18-Oct-17	-292d
PO-VIIIc	Possession of Portion VIIIc (Day 1039) - SR8 (CH350-310) / SCP4	290d	02-Jan-17	18-Oct-17	-81d
PO-IVa	Possession of Portion IVa (Day 930) - CH2600-2950 / SR1	261d	31-Jan-17	18-Oct-17	-221d
PO-IVb	Possession of Portion IVb (Day 930) - MVB	261d	31-Jan-17	18-Oct-17	-337d
<b>Submissions and Approvals</b>					
<b>Initial General Submission</b>					
1211	Submission of 1st Project video film	0d		20-Nov-16*	-293d
9932	Submission of 1st Project video film Video1 / Video2 (Release II)	0d		20-Nov-16*	-658d
<b>Specified Plans</b>					
1172	Submission of a Traffic management Contingency Plan	90d	20-Nov-16	17-Feb-17	167d
<b>DETAILED DESIGN OF WORKS</b>					
<b>Permanent Works Design and Engineering</b>					
<b>Metal Roof on MVB</b>					
2182	MVB Roof - Prepare Preliminary Design and Submission (Schematics)	48d	01-Dec-15 A	07-Dec-16	-258d
2182a	MVB Roof - Pending for RFI reply for Schematic design	24d	14-Jan-16 A	07-Dec-16	-258d
2184	MVB Roof - Finalise preliminary design and ICE Review	24d	08-Dec-16	07-Jan-17	-258d



- ◆ Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- ▲ Baseline Milestone
- Project Baseline
- Actual Work

## Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

#### THREE MONTH ROLLING

Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 1 of 37

Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW

Data Date: 20-Nov-16

## CWB(CC) - Commissioning Contract

TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2016				2017	
						Nov		Dec		Jan	Feb
						Actual Work	Remaining Work	Actual Work	Remaining Work	Actual Work	Remaining Work
2186	MVB Roof - Submit to the Engineer with ICE Certificate	0d		07-Jan-17	-258d						
2188	MVB Roof - Engineer review & approval	48d	09-Jan-17	11-Mar-17	-258d						
<b>Green Roof on EVB</b>											
2166	EVB Roof - Engineer review & Approval; Consent to Proceed Construction	24d	18-Apr-16 A	03-Dec-16	-208d						
<b>Green Wall on ADB</b>											
10238	ADB Green Wall - Engineer review & Approval; Consent to Proceed Construction	24d	07-Mar-16 A	03-Dec-16	-188d						
<b>Landscaping &amp; Associated Irrigation System</b>											
10268	Landscaping - Engineer review & Approval; Consent to Proceed Construction	24d	07-Mar-16 A	03-Dec-16	13d						
<b>Building Services System</b>											
<b>MVAC System</b>											
<b>Subletting</b>											
11028	MVAC - Confirm S/C Terms and Issue LOI subject to AECOM Approval	50d	28-Apr-15 A	26-Nov-16	-32d						
<b>ITP, Method Statement &amp; Testing &amp; Commissioning Plan</b>											
11070	MVAC System - Testing & Commissioning submission Plan to AECOM	70d	22-Jan-16 A	03-Dec-16	-38d						
<b>Fire Services System (FS)</b>											
<b>ITP, Method Statement &amp; Testing &amp; Commissioning Plan</b>											
11026	FS System - Testing & Commissioning Plan submission to AECOM	90d	08-Dec-15 A	03-Dec-16	-38d						
<b>Plumbing System (PL)</b>											
<b>Subletting</b>											
11072	PL - Confirm S/C Terms and Issue LOI subject to AECOM Approval	12d	21-Nov-16	03-Dec-16	-38d						
<b>ITP, Method Statement &amp; Testing &amp; Commissioning Plan</b>											
11112	PL System - Testing & Commissioning Plan submission to AECOM (review / approval)	90d	16-Oct-15 A	03-Dec-16	-38d						
<b>Drainage System (DR)</b>											
<b>ITP, Method Statement &amp; Testing &amp; Commissioning Plan</b>											
10500	DR System - Preparation of Testing & Commissioning Plan	60d	14-Nov-15 A	03-Dec-16	-38d						

- ◆ Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- ▲ Baseline Milestone
- Project Baseline
- Actual Work

### Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

### THREE MONTH ROLLING

Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 2 of 37

Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW

Data Date: 20-Nov-16

# CWB(CC) - Commissioning Contract

**TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.**

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Gantt Chart											
						2016						2017					
						Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
11126	DR System - Testing & Commissioning Plan to AECOM	90d	14-Nov-15 A	07-Dec-16	-41d												
<b>Access Road at Area D &amp; E</b>																	
12720	Access Road at Area D & E - Prepare design submission	24d	21-Nov-16	17-Dec-16	34d												
12726	Access Road at Area D & E - Submission of design to MTRC / AECOM	0d		17-Dec-16	34d												
12724	Access Road at Area D & E - MTRC/AECOM review & Approval; Consent to Proceed Construction	28d	19-Dec-16	23-Jan-17	34d												
<b>PROCUREMENT, MANUFACTURING &amp; DELIVERIES</b>																	
<b>Procurement; Manufacturing; Deliveries</b>																	
<b>Metal Roof on WVB</b>																	
<b>Shop Drawings</b>																	
2216	WVB Roof - Obtain Approval for Shop Drawings	0d		20-Nov-16	-398d												
<b>Procurement &amp; Fabrication</b>																	
12776a	WVB Roof - Metal Roof Fabrication (For Eastern side)	116d	23-May-16 A	29-Dec-16	-484d												
2222a	WVB Roof - Commence assembly units installation	0d	20-Oct-16 A														
2226	WVB Roof - Commencement of works	0d	07-Nov-16 A														
2224	WVB Roof - Metal Roof Fabrication (For Tunnel portal side)	62d	30-Dec-16	01-Mar-17	-484d												
<b>Green Roof on EVB</b>																	
<b>Shop Drawings</b>																	
2228	EVB Green Roof - Shop Drawings submission to the Engineer	30d	04-Dec-16	02-Jan-17	-255d												
12846	EVB Green Roof - Shop Drawings review the Engineer	30d	03-Jan-17	01-Feb-17	-255d												
2230	EVB Green Roof - Obtain Approval for Shop Drawings	0d		01-Feb-17	-255d												
<b>Procurement &amp; Fabrication</b>																	
2232	EVB Green Roof - Confirm design of embed items	0d	02-Feb-17		-255d												
2234	EVB Green Roof - Embed fabrication & delivery	60d	02-Feb-17	02-Apr-17	-255d												
<b>Landscaping and Associated Irrigation System</b>																	
<b>Shop Drawings</b>																	

- Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- Baseline Milestone
- Project Baseline
- Actual Work

## Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

#### THREE MONTH ROLLING

Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 3 of 37

Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW



Data Date: 20-Nov-16

# CWB(CC) - Commissioning Contract

**TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.**

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2016												2017											
						Nov						Dec						Jan						Feb					
						[Gantt Chart Area]												[Gantt Chart Area]											
2344	APS - FAT DeNO2	60d	01-Dec-15 A	16-Dec-16	-151d	[Gantt Bar: Nov 1 to Dec 16, 2016]																							
10088	APS - Ship to HK Store (2nd Batch)	80d	19-Dec-16	07-Apr-17	-151d	[Gantt Bar: Dec 19, 2016 to Apr 7, 2017]																							
<b>Central Control and Monitoring System (CCMS) and ELV System</b>																													
<b>Procurement &amp; Fabrication</b>																													
12476	CCMS - FAT for all plants, materials & equipments	30d	20-Nov-16	19-Dec-16	-333d	[Gantt Bar: Nov 20 to Dec 19, 2016]																							
<b>Traffic Control and Surveillance System (TCSS)</b>																													
<b>Procurement &amp; Fabrication</b>																													
12478	TCSS - FAT for all plants, materials & equipments	197d	16-Dec-15 A	09-Dec-16	-287d	[Gantt Bar: Dec 16, 2015 to Dec 9, 2016]																							
<b>Building Services System</b>																													
<b>Shop Drawings / CSD / CBWD</b>																													
2306	BS(WVB) - Obtain Approval for Shop Drawings, CSD & CBWD	0d		20-Nov-16	256d	[Milestone: Nov 20, 2016]																							
2314	BS(MVB) - Obtain Approval for Shop Drawings, CSD & CBWD	0d		20-Nov-16	300d	[Milestone: Nov 20, 2016]																							
2318	BS(EVB) - Obtain Approval for Shop Drawings, CSD & CBWD	0d		20-Nov-16	256d	[Milestone: Nov 20, 2016]																							
<b>Thermal Barriers</b>																													
<b>Procurement &amp; Fabrication</b>																													
12824	TB - Delivery for Thermal Barriers materials(remaining batches)	90d	27-Jun-15 A	19-Dec-16	-134d	[Gantt Bar: Jun 27, 2015 to Dec 19, 2016]																							
<b>Petrol Filling System (Subject to construction details from AECOM)</b>																													
<b>Procurement &amp; Fabrication</b>																													
12672	Petrol Filling System - Delivery for Petrol Filling System materials	48d	20-Nov-16	06-Jan-17	30d	[Gantt Bar: Nov 20, 2016 to Jan 6, 2017]																							
<b>CONSTRUCTION</b>																													
<b>West Ventilation Building (WVB - related)</b>																													
<b>Tunnel Section (WVB-related)</b>																													
<b>Portion Ia [CH840 to CH1360]</b>																													
4902	Ia - Initial Site Survey	6d	30-Jun-16 A	26-Nov-16	-167d	[Gantt Bar: Jun 30 to Nov 26, 2016]																							
13086a	Request for VO / instruction for TCSS equipment installation and cabling (Ganty FADS01) (Ref: H27613-LJV-ME-LE-4022)	24d	04-Oct-16 A	09-Jan-17	-118d	[Gantt Bar: Oct 4, 2016 to Jan 9, 2017]																							

- ◆ Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- ▲ Baseline Milestone
- Project Baseline
- Actual Work

## Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

#### THREE MONTH ROLLING

Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 5 of 37

Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW

Data Date: 20-Nov-16

# CWB(CC) - Commissioning Contract

**TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.**

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2016				2017					
						Nov		Dec		Jan		Feb			
						1	2	1	2	1	2	1	2		
13086	TCSS cabling and sign face installation (FADS01) - Start date is tentative and need to be confirmed at a later stage	40d	10-Jan-17	03-Mar-17	-118d										
<b>Westbound</b>															
4904	la(WB) - Mobilisation & Setup	6d	28-Nov-16	03-Dec-16	-167d										
5000	MEP(WB) - (CH840 to CH1360) E&M 1st Fix	29d	05-Dec-16	10-Jan-17	-167d										
5008	MEP(WB) - (CH840 to CH1360) E&M 2nd Fix (include Sump A)	58d	11-Jan-17	25-Mar-17	-167d										
<b>Eastbound</b>															
6110	la(EB) - Mobilisation & Setup	2d	28-Nov-16	29-Nov-16	-163d										
6100	MEP(EB) - (CH840 to CH1360) E&M 1st Fix	29d	30-Nov-16	05-Jan-17	-163d										
6102	MEP(EB) - (CH840 to CH1360) E&M 2nd Fix (include Sump A)	58d	06-Jan-17	21-Mar-17	-163d										
<b>Portion IIa, IIb &amp; IIc [CH1360 to CH1580]</b>															
<b>Westbound</b>															
12208	IIb&IIc(WB) - Anchorage installation for subsequent E&M 1st Fix and VE panel frame support (include protection) (1920m2)	21d	20-Jul-15 A	01-Dec-16	-308d										
4924b	IIb&IIc(WB) - Thermal Barrier installation (include protection removal) - Final coat (1 team)	73d	02-Dec-16	07-Mar-17	-308d										
<b>Eastbound</b>															
12210	IIb&IIc(EB) - Anchorage installation for subsequent E&M 1st Fix and VE panel frame support (include protection) (1920m2)	21d	08-Feb-16 A	07-Dec-16	-133d										
6114	MEP(EB) - (CH1360 to CH1580) E&M 1st Fix	12d	08-Dec-16	21-Dec-16	-133d										
6116	MEP(EB) - (CH1360 to CH1580) E&M 2nd Fix	24d	22-Dec-16	21-Jan-17	-133d										
6120	MEP(EB) - (CH1360 to CH1580) TCSS Field equip & cable installation - 1 Team	7d	14-Jan-17	21-Jan-17	-133d										
6118	MEP(EB) - (CH1360 to CH1580) E&M Final Fix	8d	23-Jan-17	07-Feb-17	-133d										
6122	MEP(EB) - (CH1360 to CH1580) E&M Individual System T&C	48d	08-Feb-17	05-Apr-17	-133d										
<b>Portion Ib [CH1580 to CH1800]</b>															
<b>Westbound</b>															
12212	Ib(WB) - Anchorage installation for subsequent E&M 1st Fix and VE panel frame support (include protection) (2700m2)	30d	20-Jul-15 A	26-Nov-16	-255d										
5004	MEP(WB) - (CH1580 to CH1800) E&M 1st Fix	12d	21-Nov-16	03-Dec-16	-255d										
5012	MEP(WB) - (CH1580 to CH1800) E&M 2nd Fix	24d	20-Dec-16	19-Jan-17	-268d										

- ◆ Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- ▲ Baseline Milestone
- Project Baseline
- Actual Work

## Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

#### THREE MONTH ROLLING

Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 6 of 37

Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW

Data Date: 20-Nov-16

# CWB(CC) - Commissioning Contract

**TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.**

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Gantt Chart																	
						2016				2017													
						Nov	Dec	Jan	Feb														
5028	MEP(WB) - (CH1580 to CH1800) TCSS Field equip & cable installation - 1 Team	7d	12-Jan-17	19-Jan-17	-260d																		
5020	MEP(WB) - (CH1580 to CH1800) E&M Final Fix	8d	20-Jan-17	04-Feb-17	-268d																		
5036	MEP(WB) - (CH1580 to CH1800) E&M Individual System T&C	48d	06-Feb-17	01-Apr-17	-268d																		
<b>Eastbound</b>																							
12214	Ib(EB) - Anchorage installation for subsequent E&M 1st Fix and VE panel frame support (include protection) (2700m2)	30d	08-Sep-15 A	03-Dec-16	-139d																		
6142	MEP(EB) - (CH1580 to CH1800) E&M 1st Fix	12d	06-Feb-17	18-Feb-17	-184d																		
<b>Portion III [CH1800 to CH2600]</b>																							
<b>Westbound</b>																							
12216	III(WB) - Anchorage installation for subsequent E&M 1st Fix and VE panel frame support (include protection) (9600m2)	54d	17-Aug-15 A	24-Nov-16	-190d																		
5006	MEP(WB) - (CH1800 to CH2600) E&M 1st Fix	44d	25-Apr-16 A	15-Nov-16 A																			
5014	MEP(WB) - (CH1800 to CH2600) E&M 2nd Fix	89d	21-Nov-16	14-Mar-17	-275d																		
<b>Eastbound</b>																							
12218	III(EB) - Anchorage installation for subsequent E&M 1st Fix and VE panel frame support (include protection) (9600m2)	54d	17-Aug-15 A	17-Dec-16	-155d																		
6128	MEP(EB) - (CH1800 to CH2600) E&M 1st Fix	44d	25-Apr-16 A	15-Dec-16	-223d																		
6130	MEP(EB) - (CH1800 to CH2600) E&M 2nd Fix (include Sump I)	89d	24-Nov-16	17-Mar-17	-223d																		
<b>West Ventilation Building (WVB)</b>																							
<b>RC Structures and Metal Roof</b>																							
<b>Metal Roof</b>																							
<b>Metal Roof Eastern Side (M.J. East)</b>																							
10442a	WVB - Installation of steel roof structure (Eastern side)	24d	07-Nov-16 A	16-Dec-16	-344d																		
10442a7	WVB - Installation of steel roof structure (Eastern side) (GL A-C)	23d	07-Nov-16 A	10-Dec-16	-346d																		
10442a8	WVB - Installation of steel roof structure (Eastern side) (GL C-E)	21d	14-Nov-16 A	19-Dec-16	-346d																		
10442a9	WVB - Installation of steel roof structure (Eastern side) (GL E-J)	23d	21-Nov-16	16-Dec-16	-344d																		
10442a2	WVB - Installation of steel roof structure (Eastern side extra steel trust issue)	42d	17-Dec-16	14-Feb-17	-257d																		
10442a4	WVB - Installation of extra roof fins support (M.J.East) (VO) (Tentative, duration subject to change)	42d	15-Feb-17	05-Apr-17	-257d																		

- ◆ Current Milestone
- Critical Remaining Work
- ▬ Level of Effort
- ▬ Remaining Work
- ▲ Baseline Milestone
- ▬ Project Baseline
- ▬ Actual Work

## Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

#### THREE MONTH ROLLING

Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 7 of 37

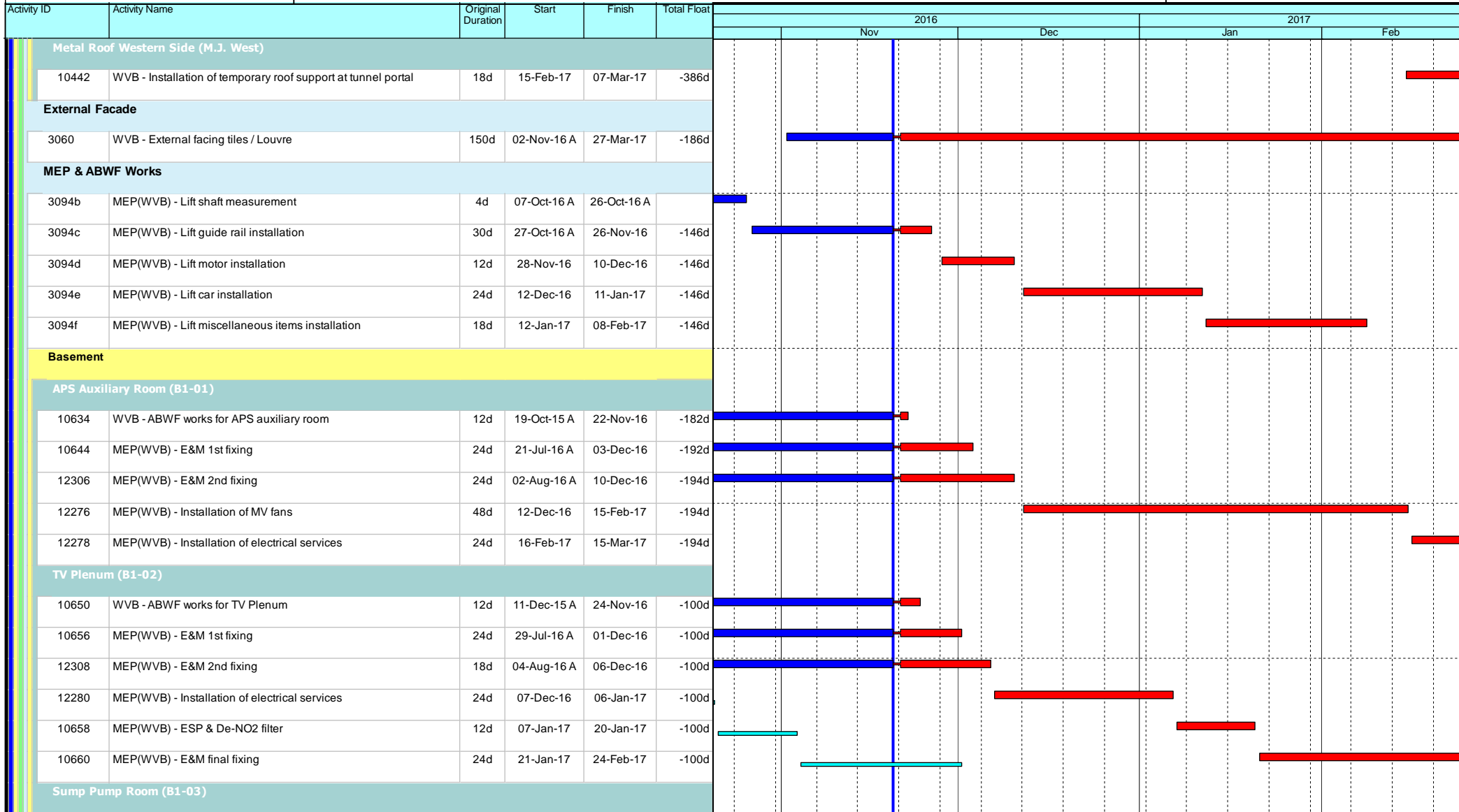
Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW



Data Date: 20-Nov-16

# CWB(CC) - Commissioning Contract

**TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.**



- ◆ Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- ▲ Baseline Milestone
- Project Baseline
- Actual Work

## Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

### THREE MONTH ROLLING

Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 8 of 37

Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW

Data Date: 20-Nov-16

## CWB(CC) - Commissioning Contract

**TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.**

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Gantt Chart											
						2016				2017							
						Nov	Dec	Jan	Feb								
10662	WVB - ABWF works for Sump Pump Room	12d	08-Dec-15 A	24-Nov-16	-196d												
10664	MEP(WVB) - E&M 1st fixing	24d	30-Jul-16 A	03-Dec-16	-204d												
12310	MEP(WVB) - E&M 2nd fixing	24d	05-Aug-16 A	10-Dec-16	-206d												
10666	MEP(WVB) - Sump Pump installation	24d	12-Dec-16	11-Jan-17	-206d												
10668	MEP(WVB) - E&M final fixing	24d	12-Jan-17	15-Feb-17	-206d												
<b>G/F</b>																	
<b>HKE / HV Switch Room 1 &amp; 2 (G-11 &amp; G-12)</b>																	
10676	MEP(WVB) - HKE HV Switch Rooms installation	100d	20-Oct-16 A	20-Feb-17	-156d												
<b>Transformer Room 1 &amp; 2 (G-09 &amp; G-15)</b>																	
10686	MEP(WVB) - E&M 1st fixing	24d	02-Aug-16 A	26-Oct-16 A													
12314	MEP(WVB) - E&M 2nd fixing	30d	07-Sep-16 A	02-Nov-16 A													
10688	MEP(WVB) - Installation & SAT of HV switchboard & transformer	45d	03-Nov-16 A	17-Dec-16	-178d												
10690	MEP(WVB) - Cable laying & termination for HV / LV power cables	14d	19-Dec-16	06-Jan-17	-178d												
10692	MEP(WVB) - E&M final fixing	30d	16-Feb-17	22-Mar-17	-206d												
<b>Emergency Generator &amp; Fuel Tank Room (G-04, G05)</b>																	
10694	MEP(WVB) - ABWF Works	12d	09-Nov-15 A	25-Nov-16	-49d												
10696	MEP(WVB) - E&M 1st fixing	24d	03-Aug-16 A	28-Nov-16	-51d												
10698	MEP(WVB) - Installation of Emergency Generator System	45d	09-Sep-16 A	01-Dec-16	-95d												
10704	MEP(WVB) - Installation of Fuel Tank & pipework	45d	09-Sep-16 A	01-Dec-16	-95d												
12316	MEP(WVB) - E&M 2nd fixing	18d	21-Nov-16	10-Dec-16	-58d												
10700	MEP(WVB) - Cable laying & termination to Genset & Switchboard	45d	02-Dec-16	26-Jan-17	-95d												
10702	MEP(WVB) - SAT for Emergency Generator System	14d	27-Jan-17	18-Feb-17	-95d												
<b>Fire Control Centre (G-01)</b>																	
10714	MEP(WVB) - ABWF Works	12d	09-Nov-15 A	22-Nov-16	-124d												
10716	MEP(WVB) - E&M 1st fixing	12d	05-Aug-16 A	26-Nov-16	-128d												

- ◆ Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- ▲ Baseline Milestone
- Project Baseline
- Actual Work

### Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

### THREE MONTH ROLLING

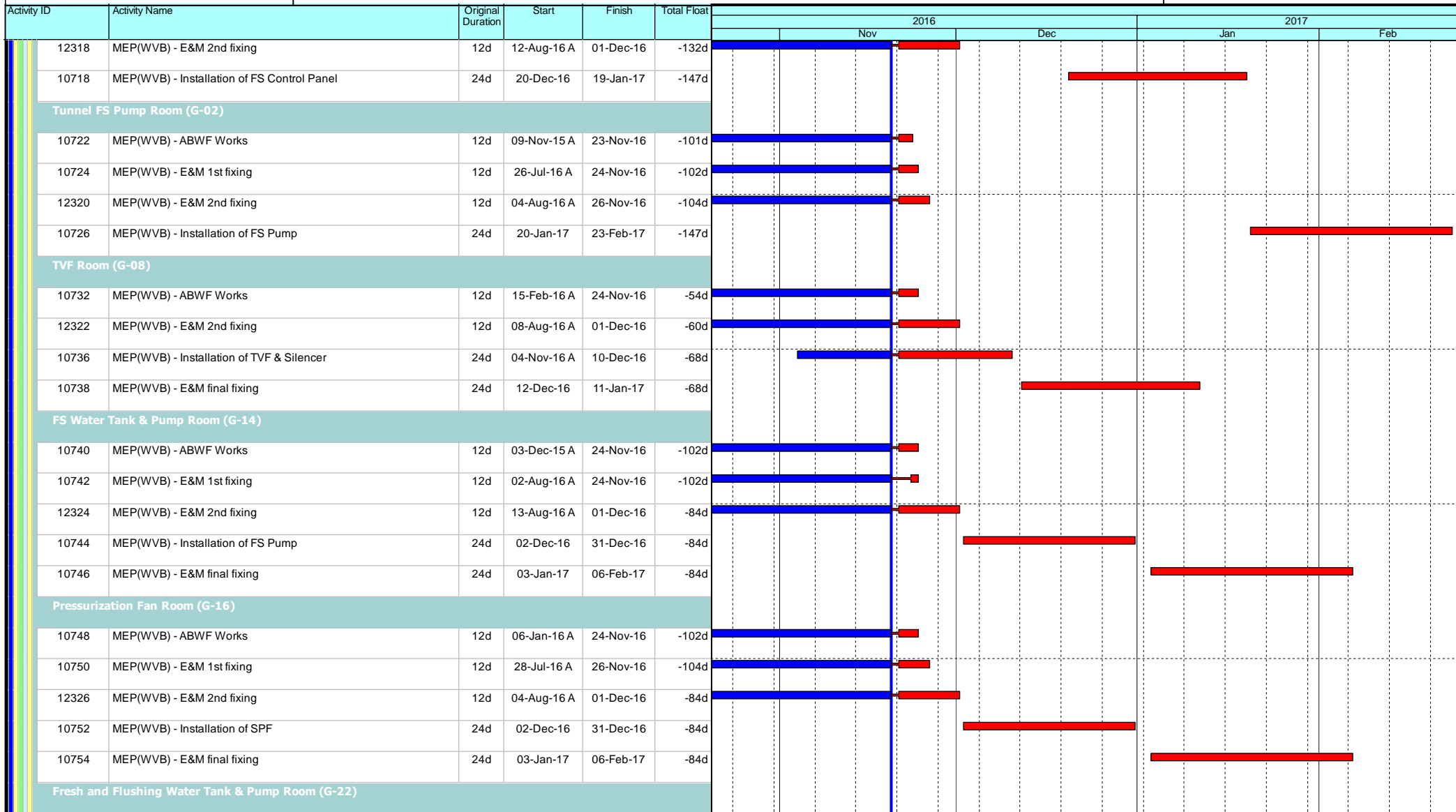
Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 9 of 37

Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW

Data Date: 20-Nov-16

## CWB(CC) - Commissioning Contract

TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.



- ◆ Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- ▲ Baseline Milestone
- Project Baseline
- Actual Work

### Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

### THREE MONTH ROLLING

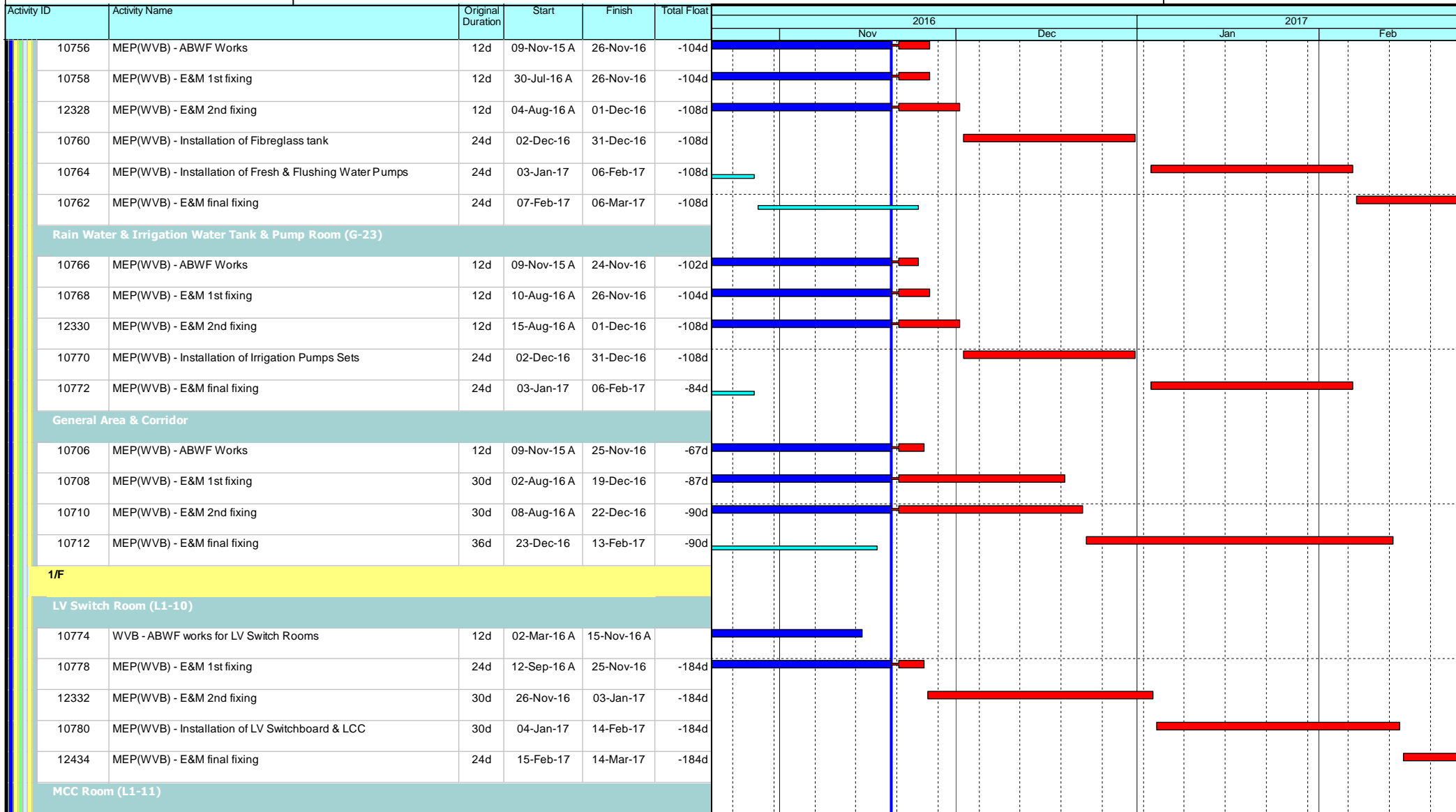
Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 10 of 37

Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW

Data Date: 20-Nov-16

## CWB(CC) - Commissioning Contract

TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.



- ◆ Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- ▲ Baseline Milestone
- Project Baseline
- Actual Work

### Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

### THREE MONTH ROLLING

Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 11 of 37

Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW

Data Date: 20-Nov-16

## CWB(CC) - Commissioning Contract

**TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.**

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2016											
						Nov			Dec			2017			Feb		
						1	2	3	1	2	3	1	2	3	1	2	3
10782	MEP(WVB) - ABWF Works	12d	26-Feb-16 A	08-Nov-16 A													
10784	MEP(WVB) - E&M 1st fixing	24d	12-Sep-16 A	25-Nov-16	-153d												
12334	MEP(WVB) - E&M 2nd fixing	18d	26-Nov-16	16-Dec-16	-153d												
10786	MEP(WVB) - Installation of MCC	24d	17-Dec-16	17-Jan-17	-111d												
12432	MEP(WVB) - E&M final fixing	24d	18-Jan-17	21-Feb-17	-111d												
<b>UPS &amp; Battery Room (L1-06, L1-07)</b>																	
10790	MEP(WVB) - ABWF Works	12d	10-Feb-16 A	04-Nov-16 A													
10792	MEP(WVB) - E&M 1st fixing	24d	28-Sep-16 A	28-Nov-16	-137d												
12336	MEP(WVB) - E&M 2nd fixing	18d	17-Dec-16	10-Jan-17	-153d												
10794	MEP(WVB) - Installation of UPS System	24d	11-Jan-17	14-Feb-17	-153d												
10796	MEP(WVB) - Cable laying & termination	24d	15-Feb-17	14-Mar-17	-153d												
<b>TVF Room (L1-03)</b>																	
10810	MEP(WVB) - E&M 1st fixing	24d	17-Oct-16 A	03-Dec-16	-107d												
12338	MEP(WVB) - E&M 2nd fixing	24d	03-Nov-16 A	03-Dec-16	-107d												
10812	MEP(WVB) - Installation of TVF & Silencer	24d	15-Nov-16 A	10-Dec-16	-113d												
<b>Gas Cylinder Room (L1-05)</b>																	
10816	MEP(WVB) - ABWF Works	12d	09-Feb-16 A	28-Oct-16 A													
10818	MEP(WVB) - E&M 1st fixing	12d	04-Aug-16 A	26-Nov-16	-101d												
12340	MEP(WVB) - E&M 2nd fixing	12d	09-Aug-16 A	01-Dec-16	-105d												
10822	MEP(WVB) - E&M final fixing	24d	02-Dec-16	31-Dec-16	-60d												
<b>Computer Equipment Room (L1-09)</b>																	
12730	MEP(WVB) - ABWF Works	12d	09-Feb-16 A	29-Oct-16 A													
12732	MEP(WVB) - E&M 1st fixing	24d	05-Aug-16 A	10-Dec-16	-118d												
12738	MEP(WVB) - E&M 2nd fixing	24d	09-Aug-16 A	13-Dec-16	-120d												
12734	MEP(WVB) - Installation of MCC	30d	14-Dec-16	20-Jan-17	-120d												

- Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- Baseline Milestone
- Project Baseline
- Actual Work

### Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

### THREE MONTH ROLLING

Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 12 of 37

Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW



Data Date: 20-Nov-16

## CWB(CC) - Commissioning Contract

**TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.**

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2016												2017											
						Nov						Dec						Jan						Feb					
3920	SCB - Construct Beams and slabs upto R/F	24d	10-Oct-16 A	16-Dec-16	-116d																								
3920a	SCB - Construct walls upto R/F - Falseworks & Formwork	5d	10-Oct-16 A	24-Nov-16	-192d																								
3920b	SCB - Construct walls upto R/F - Rebar fixing	3d	25-Nov-16	28-Nov-16	-192d																								
3920c	SCB - Construct walls upto R/F - Close formwork	5d	29-Nov-16	03-Dec-16	-192d																								
3920d	SCB - Construct beams & slab upto R/F - Scaffolding, falsework & formwork	7d	05-Dec-16	12-Dec-16	-192d																								
3920e	SCB - Construct beams & slab upto R/F - Rebar fixing	3d	13-Dec-16	15-Dec-16	-192d																								
3920f	SCB - Construct beams & slab upto R/F - Concreting	1d	16-Dec-16	16-Dec-16	-116d																								
<b>ABWF Works</b>																													
10144	SCB - R/F slab curing	6d	17-Dec-16	23-Dec-16	-107d																								
3924	SCB - Water roofing and roofing	18d	24-Dec-16	17-Jan-17	-107d																								
<b>External Facade</b>																													
3930	SCB - External facing tiles / Louvre	48d	18-Jan-17	21-Mar-17	-107d																								
<b>Satellite Control Points 1 / 2</b>																													
<b>SCP1</b>																													
3708a	VO052 - Construct steel vehicle parapet at elevated layby	40d	18-Aug-16 A	29-Nov-16	-161d																								
3708	SCP1 - Construct SCP RC Structures	18d	30-Nov-16	20-Dec-16	-161d																								
<b>SCP2</b>																													
3726a	SCP2 - RFI issued - Foundation clash with existing utilities	18d	29-Mar-16 A	07-Nov-16 A																									
3726	SCP2 - Initial Site Survey	6d	16-Dec-16	22-Dec-16	-192d																								
3732	SCP2 - Construct SCP RC Structures	46d	19-Dec-16	20-Feb-17	-192d																								
3728	SCP2 - Erect Hoarding	6d	23-Dec-16	31-Dec-16	-192d																								
3730	SCP2 - Mobilisation and setup	12d	03-Jan-17	16-Jan-17	-192d																								
3732a	SCP2 - Construct walls upto R/F - Falseworks & Formwork	5d	17-Jan-17	21-Jan-17	-192d																								
3732b	SCP2 - Construct walls upto R/F - Rebar fixing	3d	23-Jan-17	25-Jan-17	-192d																								
3732c	SCP2 - Construct walls upto R/F - Close formwork	5d	26-Jan-17	07-Feb-17	-192d																								

- Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- Baseline Milestone
- Project Baseline
- Actual Work

### Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

### THREE MONTH ROLLING

Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 14 of 37

Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW

Data Date: 20-Nov-16

# CWB(CC) - Commissioning Contract

**TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.**

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2016												2017											
						Nov						Dec						Jan						Feb					
3732d	SCP2 - Construct beams & slab upto R/F - Scaffolding, falsework & formwork	7d	08-Feb-17	15-Feb-17	-192d																								
3732e	SCP2 - Construct beams & slab upto R/F - Rebar fixing	3d	16-Feb-17	18-Feb-17	-192d																								
<b>Middle Ventilation Building (MVB - related)</b>																													
<b>Tunnel Section (MVB-related)</b>																													
<b>Portion IVa</b>																													
5110	Possession of Portion IVa	0d	04-Feb-17		-180d																								
5112	IVa - Initial Site Survey	12d	04-Feb-17	17-Feb-17	-180d																								
<b>Slip Road 1</b>																													
10028	IVa (SR1) - Mobilisation & Setup	6d	18-Feb-17	24-Feb-17	-168d																								
<b>Westbound</b>																													
5114	IVa(WB) - Mobilisation & Setup	6d	18-Feb-17	24-Feb-17	-180d																								
<b>Eastbound</b>																													
5128	IVa(EB) - Mobilisation & Setup	6d	18-Feb-17	24-Feb-17	-180d																								
<b>Portion V [CH2950 to CH3250] - Original Section in DWP Rev.2a</b>																													
5144	V - Initial Site Survey	12d	28-Oct-15 A	01-Dec-16	523d																								
<b>Westbound (Outer Lane)</b>																													
5148	V(WB) - Thermal Barrier installation (include protection removal) - 1 team	100d	06-Oct-16 A	09-Jan-17	-127d																								
5132	MEP(WB) - (CH2950 to CH3250) E&M 1st Fix	24d	14-Oct-16 A	17-Dec-16	-257d																								
5134	MEP(WB) - (CH2950 to CH3250) E&M 2nd Fix	38d	25-Nov-16	11-Jan-17	-257d																								
5138	MEP(WB) - (CH2950 to CH3250) TCSS Field equip & cable installation - 1 Team	204d	12-Jan-17	22-Sep-17	-249d																								
<b>Eastbound (Outer Lane)</b>																													
5162	V(EB) - Thermal Barrier installation (include protection removal) - 1 team	28d	14-Nov-16 A	09-Jan-17	-127d																								
5150	MEP(EB) - (CH2950 to CH3250) E&M 1st Fix	0d	10-Jan-17	10-Jan-17	-255d																								
5152	MEP(EB) - (CH2950 to CH3250) E&M 2nd Fix	3d	06-Feb-17	08-Feb-17	-257d																								
<b>Slip Road 2</b>																													

- ◆ Current Milestone
- Critical Remaining Work
- ▬ Level of Effort
- ▬ Remaining Work
- ▲ Baseline Milestone
- ▬ Project Baseline
- ▬ Actual Work

## Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

### THREE MONTH ROLLING

Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 15 of 37

Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW



Data Date: 20-Nov-16

# CWB(CC) - Commissioning Contract

**TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.**

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Gantt Chart																		
						2016				2017														
						Nov	Dec	Jan	Feb	Nov	Dec	Jan	Feb	Nov	Dec	Jan	Feb							
10060	V (SR2) - Mobilisation & Setup	15d	02-Dec-16	19-Dec-16	-179d																			
12230	V (SR2) - Anchorage installation for subsequent E&M 1st Fix and VE panel frame support (include protection) (1716m2)	19d	20-Dec-16	13-Jan-17	-179d																			
<b>Slip Road 3</b>																								
12232	V(SR3) - Anchorage installation for subsequent E&M 1st Fix and VE panel frame support (include protection) (2940m2)	33d	03-Sep-16 A	09-Dec-16	-234d																			
10044	V(SR3) - Thermal Barrier installation (include protection removal) - 1 team	82d	10-Dec-16	25-Mar-17	-234d																			
<b>Portion Va [CH2950 to CH3210]</b>																								
<b>Westbound (Outer Lane)</b>																								
5132a	MEP(WB) - (CH2950 to CH3210) E&M 1st Fix	17d	14-Oct-16 A	24-Nov-16	-50d																			
5134a	MEP(WB) - (CH2950 to CH3210) E&M 2nd Fix	33d	25-Nov-16	05-Jan-17	-50d																			
<b>Eastbound (Outer Lane)</b>																								
5162a	Va(EB) - Thermal Barrier installation (include protection removal) - 1 team	100d	06-Oct-16 A	09-Jan-17	-127d																			
5150a	MEP(EB) - (CH2950 to CH3210) E&M 1st Fix	17d	10-Jan-17	04-Feb-17	-119d																			
5152a	MEP(EB) - (CH2950 to CH3210) E&M 2nd Fix	33d	06-Feb-17	15-Mar-17	-119d																			
<b>Portion Vb [SR2 / SR3 / SCP3] - Original Portion Vb</b>																								
5144b	Vb - Initial Site Survey	12d	11-Mar-16 A	01-Dec-16	523d																			
<b>Portion Vb1 (SR3)</b>																								
<b>Slip Road 3</b>																								
12232b	Vb(SR3) - Anchorage installation for subsequent E&M 1st Fix and VE panel frame support (include protection) (2940m2)	33d	03-Sep-16 A	09-Dec-16	-234d																			
10044b	Vb(SR3) - Thermal Barrier installation (include protection removal) - 1 team	82d	10-Dec-16	25-Mar-17	-234d																			
<b>Portion Vb2 (SR2 / SCP3)</b>																								
5144b2	Vb2 - Initial Site Survey	12d	01-Sep-16 A	01-Dec-16	-179d																			
<b>Slip Road 2</b>																								
10060b	Vb (SR2) - Mobilisation & Setup	15d	02-Dec-16	19-Dec-16	-179d																			
12230b	Vb (SR2) - Anchorage installation for subsequent E&M 1st Fix and VE panel frame support (include protection) (1716m2)	19d	20-Dec-16	13-Jan-17	-179d																			
<b>Portion Vc [CH3210 to CH3250]</b>																								

- ◆ Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- ▲ Baseline Milestone
- Project Baseline
- Actual Work

## Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

#### THREE MONTH ROLLING

Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 16 of 37

Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW

Data Date: 20-Nov-16

# CWB(CC) - Commissioning Contract

**TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.**

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2016				2017					
						Nov		Dec		Jan		Feb			
						1	2	1	2	1	2	1	2		
<b>Westbound (Outer Lane)</b>															
5148c	Vc(WB) - Thermal Barrier installation (include protection removal) - 1 team	14d	03-Oct-16 A	03-Dec-16	-257d										
5132c	MEP(WB) - (CH3210 to CH3250) E&M 1st Fix	12d	05-Dec-16	17-Dec-16	-257d										
5134c	MEP(WB) - (CH3210 to CH3250) E&M 2nd Fix	18d	19-Dec-16	11-Jan-17	-257d										
5136c	MEP(WB) - (CH3210 to CH3250) E&M Final Fix	10d	12-Jan-17	23-Jan-17	-155d										
5138c	MEP(WB) - (CH3210 to CH3250) TCSS Field equip & cable installation - 1 Team	9d	12-Jan-17	21-Jan-17	-248d										
5140c1	MEP(WB) - (CH3210 to CH3250) E&M Individual System T&C	48d	24-Jan-17	27-Mar-17	-155d										
<b>Eastbound (Outer Lane)</b>															
5162c	Vc(EB) - Thermal Barrier installation (include protection removal) - 1 team	14d	14-Nov-16 A	03-Dec-16	-239d										
5150c	MEP(EB) - (CH3210 to CH3250) E&M 1st Fix	12d	05-Dec-16	17-Dec-16	-239d										
5152c	MEP(EB) - (CH3210 to CH3250) E&M 2nd Fix	18d	12-Jan-17	08-Feb-17	-257d										
5154c	MEP(EB) - (CH3210 to CH3250) TCSS Field equip & cable installation - 1 Team	9d	09-Feb-17	18-Feb-17	-257d										
<b>Portion VIa [CH3250 to CH3400] - Original Section in DWP Rev.2d</b>															
<b>Westbound (include Portion V Inner Lane) - Original</b>															
12234	VIa(WB) - Anchorage installation for subsequent E&M 1st Fix and VE panel frame support (include protection) (2436m2)	234d	02-Dec-16	20-Sep-17	-349d										
<b>Eastbound (include Portion V Inner Lane) 0 Original</b>															
12236	VIa(EB) - Anchorage installation for subsequent E&M 1st Fix and VE panel frame support (include protection) (2436m2)	249d	19-Dec-16	26-Oct-17	-339d										
<b>Portion VIa [CH3250 to CH3283]</b>															
5176a	VIa - Initial Site Survey	12d	30-Aug-16 A	22-Nov-16	-157d										
<b>Westbound</b>															
5178a	VIa(WB) - Mobilisation & Setup	8d	23-Nov-16	01-Dec-16	-157d										
12234a	VIa(WB) - Anchorage installation for subsequent E&M 1st Fix and VE panel frame support (include protection) (528m2)	6d	02-Dec-16	08-Dec-16	-157d										
<b>Eastbound</b>															
5192a	VIa(EB) - Mobilisation & Setup	8d	09-Dec-16	17-Dec-16	-149d										
12236a	VIa(EB) - Anchorage installation for subsequent E&M 1st Fix and VE panel frame support (include protection) (528m2)	6d	19-Dec-16	24-Dec-16	-149d										

- ◆ Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- ▲ Baseline Milestone
- Project Baseline
- Actual Work

## Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

### THREE MONTH ROLLING

Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 17 of 37

Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW

Data Date: 20-Nov-16

# CWB(CC) - Commissioning Contract

**TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.**

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2016												2017											
						Nov						Dec						Jan						Feb					
						1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
<b>Portion V1b &amp; V1c [CH3400 to CH3800] - Original Section in DWP Rev.2a</b>																													
5208	V1b & V1c - Initial Site Survey	63d	11-Jan-16 A	03-Dec-16	-139d																								
<b>Westbound</b>																													
5196	MEP(WB) - (CH3400 to CH3800) E&M 1st Fix	215d	21-Nov-16	17-Aug-17	-249d																								
5198	MEP(WB) - (CH3400 to CH3800) E&M 2nd Fix	220d	21-Nov-16	23-Aug-17	-249d																								
5200	MEP(WB) - (CH3400 to CH3800) E&M Final Fix	246d	21-Nov-16	22-Sep-17	-213d																								
5202	MEP(WB) - (CH3400 to CH3800) TCSS Field equip & cable installation - 1 Team	234d	21-Nov-16	08-Sep-17	-213d																								
5204	MEP(WB) - (CH3400 to CH3800) E&M Individual System T&C	258d	21-Nov-16	09-Oct-17	-213d																								
5210	V1b & V1c (WB) - Mobilisation & Setup	44d	21-Nov-16	13-Jan-17	-141d																								
5212	V1b & V1c (WB) - Thermal Barrier installation (include protection removal) - 2 team	209d	21-Nov-16	10-Aug-17	-296d																								
9962	MEP(WB) - (CH3400 to CH3800) VE Panel installation (4800m2) - 1 team	341d	21-Nov-16	18-Jan-18	-207d																								
12238	V1b & V1c (WB) - Anchorage install for subsequent E&M 1st Fix and VE Panel frame support (include protection) (4800m2)	49d	21-Nov-16	19-Jan-17	-141d																								
<b>Eastbound</b>																													
5224	V1b & V1c (EB) - Mobilisation & Setup	128d	14-Jul-16 A	13-Jan-17	-159d																								
5214	MEP(EB) - (CH3400 to CH3800) E&M 1st Fix	210d	21-Nov-16	11-Aug-17	-213d																								
5216	MEP(EB) - (CH3400 to CH3800) E&M 2nd Fix	232d	21-Nov-16	06-Sep-17	-223d																								
5218	MEP(EB) - (CH3400 to CH3800) E&M Final Fix	234d	21-Nov-16	08-Sep-17	-201d																								
5220	MEP(EB) - (CH3400 to CH3800) TCSS Field equip & cable installation - 1 Team	222d	21-Nov-16	25-Aug-17	-213d																								
5222	MEP(EB) - (CH3400 to CH3800) E&M Individual System T&C	246d	21-Nov-16	22-Sep-17	-201d																								
5226	V1b & V1c (EB) - Thermal Barrier installation (include protection removal) - 2 team	204d	21-Nov-16	04-Aug-17	-309d																								
9964	MEP(EB) - (CH3400 to CH3800) VE Panel installation (4800m2) - 1 team	294d	21-Nov-16	21-Nov-17	-160d																								
12240	V1b & V1c (EB) - Anchorage install for subsequent E&M 1st Fix and VE Panel frame support (include protection) (4800m2)	49d	21-Nov-16	19-Jan-17	-159d																								
<b>Portion V1b [CH3400 to CH3800] - Original section in DWP Rev.2d</b>																													
5208b	V1b - Initial Site Survey	75d	11-Jan-16 A	03-Dec-16	-159d																								
<b>Westbound</b>																													

- ◆ Current Milestone
- Critical Remaining Work
- ▬ Level of Effort
- ▬ Remaining Work
- ▲ Baseline Milestone
- ▬ Project Baseline
- ▬ Actual Work

## Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

#### THREE MONTH ROLLING

Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 18 of 37

Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW

Data Date: 20-Nov-16

# CWB(CC) - Commissioning Contract

**TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.**

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Gantt Chart											
						2016						2017					
						Nov			Dec			Jan			Feb		
5210b	Vlb(WB) - Mobilisation & Setup	152d	02-Jun-16 A	17-Dec-16	-141d												
12238b	Vlb(WB) - Anchorage installation for subsequent E&M 1st Fix and VE Panel frame support (include protection) (4800m2)	160d	13-Jun-16 A	13-Jan-17	-141d												
5212b	Vlb(WB) - Thermal Barrier installation (include protection removal) - 2 team	124d	24-Oct-16 A	17-May-17	-196d												
5196b	MEP(WB) - (CH3400 to CH3800) E&M 1st Fix	134d	09-Dec-16	01-Jun-17	-196d												
5198b	MEP(WB) - (CH3400 to CH3800) E&M 2nd Fix	134d	23-Dec-16	15-Jun-17	-141d												
5202b	MEP(WB) - (CH3400 to CH3800) TCSS Field equip & cable installation - 1 Team	134d	23-Dec-16	15-Jun-17	-196d												
5200b	MEP(WB) - (CH3400 to CH3800) E&M Final Fix	134d	10-Jan-17	29-Jun-17	-141d												
5204b	MEP(WB) - (CH3400 to CH3800) E&M Individual System T&C	134d	24-Jan-17	14-Jul-17	-141d												
5204b1	MEP(WB) - (CH3400 to CH3800) TCSS Individual System T&C	134d	24-Jan-17	14-Jul-17	-141d												
<b>Eastbound</b>																	
5224b	Vlb(EB) - Mobilisation & Setup	108d	14-Jul-16 A	17-Dec-16	-159d												
12240b	Vlb(EB) - Anchorage installation for subsequent E&M 1st Fix and VE Panel frame support (include protection) (4800m2)	116d	29-Jul-16 A	13-Jan-17	-159d												
5214b	MEP(EB) - (CH3400 to CH3800) E&M 1st Fix	144d	28-Nov-16	01-Jun-17	-141d												
5226b	Vlb(EB) - Thermal Barrier installation (include protection removal) - 2 team	122d	09-Dec-16	17-May-17	-141d												
5216b	MEP(EB) - (CH3400 to CH3800) E&M 2nd Fix	144d	12-Dec-16	15-Jun-17	-141d												
5222b1	MEP(EB) - (CH3400 to CH3800) TCSS Individual System T&C	216d	24-Jan-17	20-Oct-17	-223d												
<b>Portion Vlb [CH3400 to CH3428]</b>																	
5206b1	Possession of Portion Vlb	0d	30-Nov-16		-151d												
5208b1	Vlb - Initial Site Survey	12d	30-Nov-16	13-Dec-16	-151d												
<b>Westbound</b>																	
5210b1	Vlb(WB) - Mobilisation & Setup	12d	14-Dec-16	29-Dec-16	-151d												
12238b1	Vlb(WB) - Anchorage installation for subsequent E&M 1st Fix and VE Panel frame support (include protection) (336m2)	4d	30-Dec-16	04-Jan-17	-151d												
<b>Eastbound</b>																	
5224b1	Vlb(EB) - Mobilisation & Setup	12d	14-Dec-16	29-Dec-16	-112d												
12240b1	Vlb(EB) - Anchorage installation for subsequent E&M 1st Fix and VE Panel frame support (include protection) (4800m2)	4d	30-Dec-16	04-Jan-17	-112d												

- Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- Baseline Milestone
- Project Baseline
- Actual Work

## Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

#### THREE MONTH ROLLING

Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 19 of 37

Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW

# CWB(CC) - Commissioning Contract

**TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.**

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Gantt Chart											
						2016				2017							
						Nov	Dec	Jan	Feb	Nov	Dec	Jan	Feb	Nov	Dec	Jan	Feb
<b>Portion V1b [CH3428 to CH3625]</b>																	
<b>Westbound</b>																	
12238b2	V1b(WB) - Anchorage installation for subsequent E&M 1st Fix and VE Panel frame support (include protection) (2364m2)	27d	13-Jun-16 A	03-Dec-16	-154d												
5212b2	V1b(WB) - Thermal Barrier installation (include protection removal) - 2 teams	33d	24-Oct-16 A	08-Dec-16	-158d												
5196b2	MEP(WB) - (CH3428 to CH3625) E&M 1st Fix	12d	09-Dec-16	22-Dec-16	-158d												
5198b2	MEP(WB) - (CH3428 to CH3625) E&M 2nd Fix	12d	23-Dec-16	09-Jan-17	-19d												
5202b2	MEP(WB) - (CH3428 to CH3625) TCSS Field equip & cable installation - 1 Team	12d	23-Dec-16	09-Jan-17	-158d												
5200b2	MEP(WB) - (CH3428 to CH3625) E&M Final Fix	12d	10-Jan-17	23-Jan-17	-19d												
5204b4	MEP(WB) - (CH3428 to CH3625) E&M Individual System T&C	12d	24-Jan-17	13-Feb-17	-19d												
5204b5	MEP(WB) - (CH3428 to CH3625) TCSS Individual System T&C	12d	24-Jan-17	13-Feb-17	-19d												
<b>Eastbound</b>																	
12240b2	V1b(EB) - Anchorage installation for subsequent E&M 1st Fix and VE Panel frame support (include protection) (2364m2)	27d	29-Jul-16 A	26-Nov-16	-148d												
5226b2	V1b(EB) - Thermal Barrier installation (include protection removal) - 2 teams	33d	20-Sep-16 A	26-Nov-16	-148d												
5214b2	MEP(EB) - (CH3428 to CH3625) E&M 1st Fix	12d	28-Nov-16	10-Dec-16	-9d												
5216b2	MEP(EB) - (CH3428 to CH3625) E&M 2nd Fix	12d	12-Dec-16	24-Dec-16	-9d												
<b>Portion V1b [CH3625 to CH3770]</b>																	
5208b3	V1b - Initial Site Survey	12d	21-Nov-16	03-Dec-16	-159d												
<b>Westbound</b>																	
5210b3	V1b(WB) - Mobilisation & Setup	12d	05-Dec-16	17-Dec-16	-141d												
12238b3	V1b(WB) - Anchorage installation for subsequent E&M 1st Fix and VE Panel frame support (include protection) (1740m2)	20d	19-Dec-16	13-Jan-17	-141d												
<b>Eastbound</b>																	
5224b3	V1b(EB) - Mobilisation & Setup	12d	05-Dec-16	17-Dec-16	-159d												
12240b3	V1b(EB) - Anchorage installation for subsequent E&M 1st Fix and VE Panel frame support (include protection) (1740m2)	20d	19-Dec-16	13-Jan-17	-159d												
<b>Middle Ventilation Building (MVB)</b>																	
<b>Establishment Works</b>																	

- Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- Baseline Milestone
- Project Baseline
- Actual Work

## Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

#### THREE MONTH ROLLING

Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 20 of 37

Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW



# CWB(CC) - Commissioning Contract

**TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.**

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2016				2017			
						Nov		Dec		Jan		Feb	
						1	2	1	2	1	2	1	2
5210c	Vlc(WB) - Mobilisation & Setup	12d	30-Dec-16	13-Jan-17	-141d								
12238c	Vlc(WB) - Anchorage installation for subsequent E&M 1st Fix and VE Panel frame support (include protection) (450m2)	5d	14-Jan-17	19-Jan-17	-141d								
<b>Eastbound</b>													
5224c	Vlc(EB) - Mobilisation & Setup	12d	30-Dec-16	13-Jan-17	-159d								
12240c	Vlc(EB) - Anchorage installation for subsequent E&M 1st Fix and VE Panel frame support (include protection) (450m2)	5d	14-Jan-17	19-Jan-17	-159d								
<b>Portion VII [CH3825 to CH4250] - Original Section in DWP Rev.2a</b>													
5238	Possession of Portion VII	0d	21-Nov-16		533d								
<b>Access Shaft Opening</b>													
10118	VII(WB) - Closure of shaft access opening	18d	30-Nov-16	20-Dec-16	103d								
10120	VII(WB) - shaft access opening area reinstatement works	374d	21-Dec-16	09-Apr-18	-259d								
<b>Westbound</b>													
12242	VII(WB) - Anchorage installation for subsequent E&M 1st Fix and VE Panel frame support (include protection) (5100m2)	6d	02-Sep-16 A	03-Dec-16	-167d								
5244	VII(WB) - Thermal Barrier installation (include protection removal) - 2 team	57d	12-Dec-16	25-Feb-17	-141d								
<b>Eastbound</b>													
5256	VII(EB) - Mobilisation & Setup	0d	25-Aug-16 A	21-Nov-16	-65d								
12244	VII(EB) - Anchorage installation for subsequent E&M 1st Fix and VE Panel frame support (include protection) (5100m2)	0d	02-Sep-16 A	21-Nov-16	533d								
<b>Portion VII [CH3800 to CH3911]</b>													
<b>Westbound</b>													
12242a2	VII(WB) - Anchorage installation for subsequent E&M 1st Fix and VE Panel frame support (include protection) (1332m2)	15d	02-Sep-16 A	03-Dec-16	-167d								
<b>Eastbound</b>													
12244a2	VII(EB) - Anchorage installation for subsequent E&M 1st Fix and VE Panel frame support (include protection) (1332m2)	15d	02-Sep-16 A	03-Dec-16	-186d								
<b>Portion VII [CH3911 to CH4250]</b>													
<b>Access Shaft Opening</b>													
10118a	VII(WB) - Closure of shaft access opening	18d	30-Nov-16	20-Dec-16	103d								
10120a	VII(WB) - shaft access opening area reinstatement works	12d	21-Dec-16	06-Jan-17	103d								

- ◆ Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- ▲ Baseline Milestone
- Project Baseline
- Actual Work

## Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

#### THREE MONTH ROLLING

Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 22 of 37

Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW

# CWB(CC) - Commissioning Contract

**TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.**

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2016											
						Nov			Dec			Jan			Feb		
						1	2	3	1	2	3	1	2	3	1	2	3
<b>Westbound</b>																	
12242a	VII(WB) - Anchorage installation for subsequent E&M 1st Fix and VE Panel frame support (include protection) (4068m2)	23d	02-Sep-16 A	10-Dec-16	-309d												
5244a	VII(WB) - Thermal Barrier installation (include protection removal) - 2 team	57d	12-Dec-16	25-Feb-17	-309d												
<b>Eastbound</b>																	
12244a	VII(EB) - Anchorage installation for subsequent E&M 1st Fix and VE Panel frame support (include protection) (4086m2)	23d	02-Sep-16 A	10-Dec-16	-252d												
<b>Portion VIIIa [CH4250 to CH4600]</b>																	
5270	Possession of Portion VIIIa	0d	30-Nov-16		-186d												
5272	VIIIa - Initial Site Survey	12d	30-Nov-16	13-Dec-16	-186d												
<b>Westbound</b>																	
5288	VIIIa(WB) - Mobilisation & Setup	6d	14-Dec-16	20-Dec-16	-169d												
12246	VIIIa(WB) - Anchorage installation for subsequent E&M 1st Fix and VE Panel frame support (include protection) (3900m2)	22d	21-Dec-16	18-Jan-17	-169d												
<b>Eastbound</b>																	
5274	VIIIa(EB) - Mobilisation & Setup	6d	14-Dec-16	20-Dec-16	-114d												
12248	VIIIa(EB) - Anchorage installation for subsequent E&M 1st Fix and VE Panel frame support (include protection) (3900m2)	22d	21-Dec-16	18-Jan-17	-114d												
<b>Slip Road 8</b>																	
13060	VIIIa(SR8) - Mobilisation & Setup	6d	14-Dec-16	20-Dec-16	-186d												
13064	VIIIa(SR8) - Anchorage installation for subsequent E&M 1st Fix and VE Panel frame support (include protection) (1500m2)	8d	21-Dec-16	31-Dec-16	-186d												
<b>Portion IXd [CH4600 to CH4860]</b>																	
<b>Westbound</b>																	
12250	IXd(WB) - Anchorage installation for subsequent E&M 1st Fix and VE Panel frame support (include protection) (3300m2)	37d	07-Sep-15 A	12-Dec-16	-134d												
5308	IXd(WB) - Thermal Barrier installation (include protection removal) - 1 team	87d	10-Nov-16 A	03-Mar-17	-195d												
<b>Eastbound</b>																	
12252	IXd(EB) - Anchorage installation for subsequent E&M 1st Fix and VE Panel frame support (include protection) (3300m2)	37d	24-Aug-15 A	12-Dec-16	-134d												
5322	IXd(EB) - Thermal Barrier installation (include protection removal) - 1 team	87d	08-Oct-16 A	22-Dec-16	-143d												
5310	MEP(EB) - (CH4600 to CH4860) E&M 1st Fix	14d	23-Dec-16	11-Jan-17	-135d												

- Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- Baseline Milestone
- Project Baseline
- Actual Work

## Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

#### THREE MONTH ROLLING

Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 23 of 37

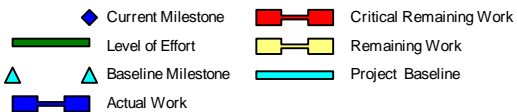
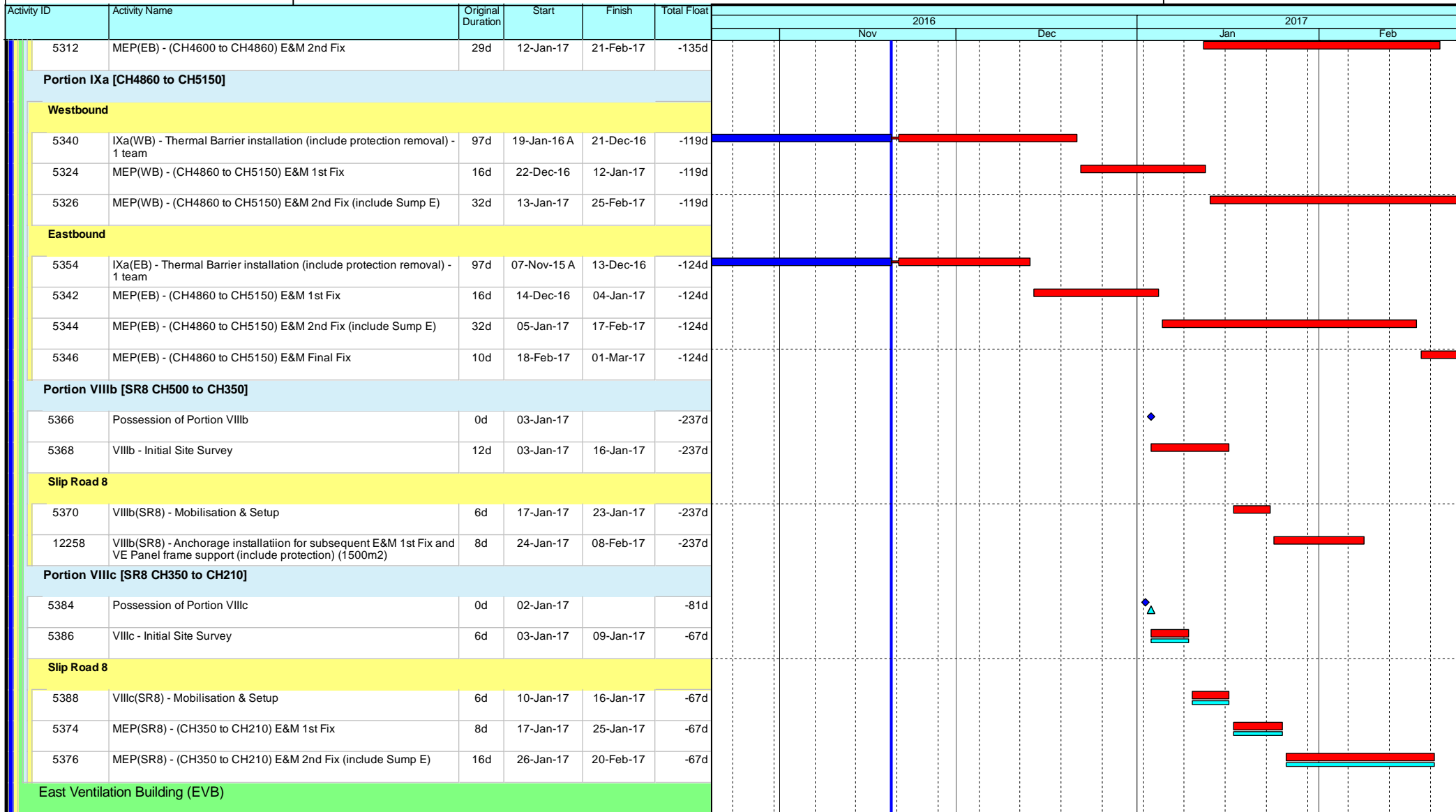
Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW



Data Date: 20-Nov-16

# CWB(CC) - Commissioning Contract

**TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.**



## Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

#### THREE MONTH ROLLING

Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 24 of 37

Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW

Data Date: 20-Nov-16

## CWB(CC) - Commissioning Contract

TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Gantt Chart											
						2016				2017							
						Nov	Dec	Jan	Feb	Nov	Dec	Jan	Feb	Nov	Dec	Jan	Feb
<b>VO/046 (Area B / C)</b>																	
13662	Close formwork for cable trench	24d	20-Oct-16 A	28-Oct-16 A													
13660	Concreting for cable trench	1d	29-Oct-16 A	29-Oct-16 A													
<b>Establishment Works</b>																	
3416	EVB - As-built survey for existing EVB substructures	6d	10-Oct-16 A	24-Oct-16 A													
3408	EVB - Baseline monitoring	12d	25-Oct-16 A	09-Nov-16 A													
<b>RC Structures and Green Roof</b>																	
10142	EVB - Curing	6d	16-Feb-17	22-Feb-17	-199d												
<b>G/F (GLA - D)</b>																	
3412	EVB G/F - Formwork for column / walls	8d	01-Nov-16 A	07-Nov-16 A													
11508	EVB G/F - Rebar fixing for column / walls	6d	08-Nov-16 A	18-Nov-16 A													
11510	EVB G/F - Concrete for column / walls	1d	19-Nov-16 A	19-Nov-16 A													
11512	EVB G/F - Scaffolding for beam & slab	8d	21-Nov-16	29-Nov-16	-199d												
11514	EVB G/F - Decking / Formwork for beam & slab	8d	25-Nov-16	03-Dec-16	-199d												
11516	EVB G/F - Rebar for beam & slab	12d	29-Nov-16	12-Dec-16	-199d												
11518	EVB G/F - Close formwork for beam & slab	8d	13-Dec-16	21-Dec-16	-199d												
11520	EVB G/F - Concrete beam & slab	1d	22-Dec-16	22-Dec-16	-199d												
<b>G-02 Fire Control Centre</b>																	
11550	EVB G-11 - Internal walls / Cast-in items	1d	22-Dec-16	22-Dec-16	-185d												
<b>G-06 Transformer Room 1</b>																	
11544	EVB G-05 - Internal walls / Cast-in items	1d	22-Dec-16	22-Dec-16	-173d												
<b>G-03 Transformer Room 2</b>																	
11538	EVB G-05 - Internal walls / Cast-in items	1d	22-Dec-16	22-Dec-16	-161d												
<b>G-10 HKE/HV Switch Room 1</b>																	
11548	EVB G-07 - Internal walls / Cast-in items	1d	22-Dec-16	22-Dec-16	-159d												

- Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- Baseline Milestone
- Project Baseline
- Actual Work

### Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

### THREE MONTH ROLLING

Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 25 of 37

Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW

Data Date: 20-Nov-16

## CWB(CC) - Commissioning Contract

**TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.**

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Gantt Chart																		
						2016				2017														
						Nov	Dec	Jan	Feb	Nov	Dec	Jan	Feb	Nov	Dec	Jan	Feb							
<b>G-07 HKE/HV Switch Room 2</b>																								
11546	EVB G-07 - Internal walls / Cast-in items	1d	22-Dec-16	22-Dec-16	-148d																			
<b>G-04 Emergency Generator Room</b>																								
11540	EVB G-04 - Internal walls / Cast-in items	1d	22-Dec-16	22-Dec-16	-155d																			
<b>G/F (GL A-D) Other Rooms / Corridors / Staircase</b>																								
11576	EVB G/F (GL A-C) - Remaining Internal walls / Cast-in items	1d	22-Dec-16	22-Dec-16	-121d																			
<b>1/F (GL A - D)</b>																								
3422	EVB 1/F - Formwork for column / walls	8d	23-Dec-16	04-Jan-17	-199d																			
11524	EVB 1/F - Rebar fixing for column / walls	6d	29-Dec-16	05-Jan-17	-199d																			
11526	EVB 1/F - Concrete for column / walls	1d	06-Jan-17	06-Jan-17	-199d																			
11528	EVB 1/F - Scaffolding for beam & slab	8d	07-Jan-17	16-Jan-17	-199d																			
11530	EVB 1/F - Decking / Formwork for beam & slab	8d	12-Jan-17	20-Jan-17	-199d																			
11532	EVB 1/F - Rebar for beam & slab	12d	16-Jan-17	04-Feb-17	-199d																			
11534	EVB 1/F - Close formwork for beam & slab	8d	06-Feb-17	14-Feb-17	-199d																			
11536	EVB 1/F - Concrete beam & slab	1d	15-Feb-17	15-Feb-17	-199d																			
<b>L1-02 Irrigation Water Tank &amp; Pump Room</b>																								
11780	EVB 1/F (L1-02) - Internal walls / Cast-in items	1d	15-Feb-17	15-Feb-17	-137d																			
<b>L1-05 MCC Room 1</b>																								
11786	EVB 1/F (L1-08) - Internal walls / Cast-in items	1d	15-Feb-17	15-Feb-17	-147d																			
<b>L1-08 LV Switch Room</b>																								
11568	EVB 1/F (L1-08) - Internal walls / Cast-in items	1d	15-Feb-17	15-Feb-17	-135d																			
<b>L1-09 MCC Room 2</b>																								
11788	EVB 1/F (L1-08) - Internal walls / Cast-in items	1d	15-Feb-17	15-Feb-17	-135d																			
<b>1/F (GL A-D) Other Rooms / Corridors / Staircase</b>																								
11580	EVB 1/F (GL A-D) - Remaining Internal walls / Cast-in items	1d	15-Feb-17	15-Feb-17	-99d																			

Current Milestone	Critical Remaining Work
Level of Effort	Remaining Work
Baseline Milestone	Project Baseline
Actual Work	

### Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

### THREE MONTH ROLLING

Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 26 of 37

Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW

Data Date: 20-Nov-16

# CWB(CC) - Commissioning Contract

TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2016				2017					
						Nov		Dec		Jan		Feb			
						1	2	1	2	1	2	1	2		
<b>MEP &amp; ABWF Works</b>															
<b>Basement 1 Mezzanine (GLA - D)</b>															
Electrical Duc Shaft (B1M-05)															
12954	MEP(EVB) - ABWF Works	12d	16-Feb-17	01-Mar-17	-132d										
<b>Basement 1 (GLA - D)</b>															
General Area & Corridor															
11606	MEP(EVB) - ABWF Works	12d	16-Feb-17	01-Mar-17	-192d										
<b>Basement 1 (GL D - L)</b>															
Sump Pump Room (B1-15)															
11614	EVB - ABWF works for Sump Pump Room	12d	16-Feb-17	01-Mar-17	-180d										
<b>Basement 1 (GL L - O)</b>															
Tunnel F.S.Water Tank & Pump Room (B1-02)															
11638	MEP(EVB) - ABWF Works	12d	17-Oct-16 A	01-Dec-16	-28d										
11640	MEP(EVB) - E&M 1st fixing	12d	02-Dec-16	15-Dec-16	-28d										
F.S.Water Tank & Pump Room (B1-03)															
11646	MEP(EVB) - ABWF Works	12d	09-Sep-16 A	30-Nov-16	-107d										
11648	MEP(EVB) - E&M 1st fixing	12d	01-Dec-16	14-Dec-16	-107d										
12394	MEP(EVB) - E&M 2nd fixing	12d	15-Dec-16	30-Dec-16	-27d										
11650	MEP(EVB) - Installation of FS Pump	24d	31-Dec-16	04-Feb-17	-27d										
Computer Equipment Room (B1-09)															
12752	MEP(EVB) - ABWF Works	12d	09-Sep-16 A	30-Nov-16	-95d										
12754	MEP(EVB) - E&M 1st fixing	12d	15-Dec-16	30-Dec-16	-107d										
12762	MEP(EVB) - E&M 2nd fixing	12d	31-Dec-16	14-Jan-17	-66d										
12756	MEP(EVB) - Computer Equipment Installation	12d	16-Jan-17	04-Feb-17	-41d										
12760	MEP(EVB) - E&M Final fixing	14d	06-Feb-17	21-Feb-17	-41d										

- ◆ Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- ▲ Baseline Milestone
- Project Baseline
- Actual Work

## Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

#### THREE MONTH ROLLING

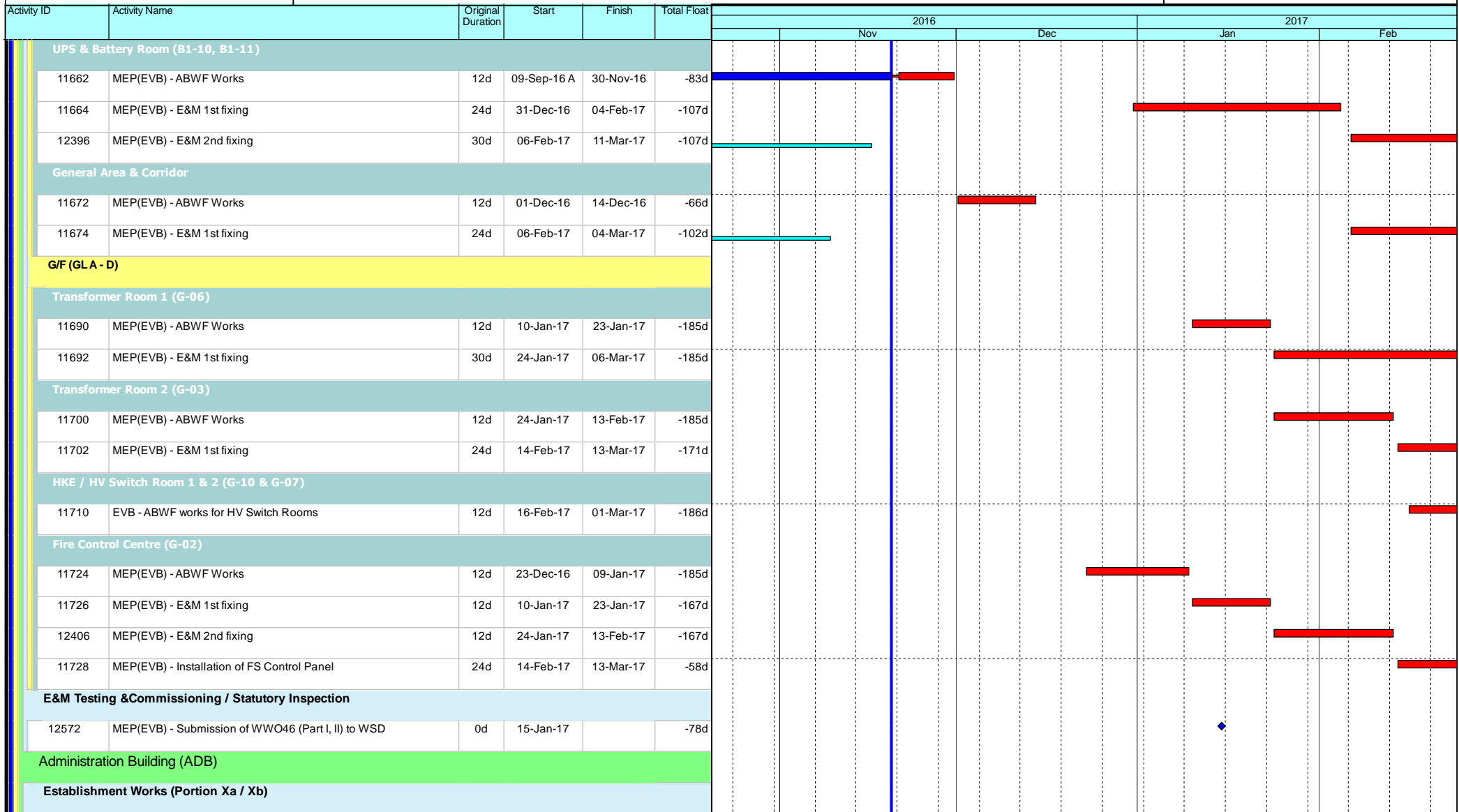
Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 27 of 37

Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW

Data Date: 20-Nov-16

## CWB(CC) - Commissioning Contract

TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.



- Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- Baseline Milestone
- Project Baseline
- Actual Work

### Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

### THREE MONTH ROLLING

Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 28 of 37

Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW

Data Date: 20-Nov-16

## CWB(CC) - Commissioning Contract

**TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.**

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2016				2017				
						Nov		Dec		Jan		Feb		
						1	2	1	2	1	2	1	2	
VO033	VO033 - CWB(IEC) works causing us delay and disruption works at ADB on Portion Xa & Xb	106d	07-Mar-16 A	16-Nov-16 A										
<b>RC Structures (Portion Xa / Xb)</b>														
13092a4	ADB (GL G-H) - Secondary beam construction (Rebar & coupler installation) - Claim No.33	24d	04-Jul-16 A	29-Nov-16	-166d									
<b>Basement</b>														
13659	ADB - PFA concrete plant trial (Claims No.33)	28d	12-Sep-16 A	10-Nov-16 A										
<b>GL (D-F)</b>														
13618a	ADB - B/F (GL D-F) - Construct base mentslab & sump pits (incl. E&M cast-in items) - Claims No.33	29d	05-Oct-16 A	22-Dec-16	-291d									
13618a1	ADB - B/F (GL D-F) - Constructsump pits (incl. E&M cast-in items) - Claims No.33	10d	05-Oct-16 A	28-Nov-16	-291d									
13618a2	ADB - B/F (GL D-F) - Construct base mentslab (incl. E&M cast-in items) - Claims No.33	21d	29-Nov-16	22-Dec-16	-291d									
13618b	ADB - B/F (GL D-F) - Construct base ment wall to bottom of waling (incl. E&M cast-in items) - Claims No.33	21d	23-Dec-16	19-Jan-17	-291d									
13618c	ADB - B/F (GL D-F) - Demolition of strut and waling (incl. E&M cast-in items) - Claims No.33	12d	20-Jan-17	09-Feb-17	-291d									
13618d	ADB - B/F (GL D-F) - Construct base ment wall to G/F slab - Claims No.33	36d	10-Feb-17	23-Mar-17	-291d									
13618d1	ADB - B/F (GL D-F) - Construct base ment wall to G/F slab - Claims No.33	18d	10-Feb-17	02-Mar-17	-291d									
<b>GL (P-R)</b>														
13620a	ADB - B/F (GL P-R) - Construct base ment slab & sump pits - Claim No.33	28d	23-Dec-16	27-Jan-17	-258d									
13620a1	ADB - B/F (GL P-R) - Construct sump pits - Claim No.33	10d	23-Dec-16	06-Jan-17	-254d									
13620	ADB - B/F (GL P-R) - Basement structure construction - Claim No.33	100d	12-Jan-17	22-May-17	-258d									
13620a2	ADB - B/F (GL P-R) - Construct base ment slab - Claim No.33	14d	12-Jan-17	27-Jan-17	-258d									
13620f	ADB - B/F (GL P-R) - Construct base ment wall to bottom of 1st layer of waling - Claim No.33	12d	04-Feb-17	17-Feb-17	-258d									
13620b	ADB - B/F (GL P-R) - Demolition of 1st layer strut and waling - Claim No.33	7d	18-Feb-17	25-Feb-17	-258d									
<b>G/F</b>														
<b>GL (A - C)</b>														
13138	ADB - G/F (GL A-C) - Rebar for beam & slab	12d	18-Oct-16 A	02-Nov-16 A										
13140	ADB - G/F (GL A-C) - Close formwork for beam & slab	12d	03-Nov-16 A	24-Nov-16	-186d									
13142	ADB - G/F (GL A-C) - Concrete beam & slab (Roof slab)	1d	25-Nov-16	25-Nov-16	-155d									

- ◆ Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- ▲ Baseline Milestone
- Project Baseline
- Actual Work

### Leighton Contractors (Asia) Limited

#### Programme Update 33 (November 2016)

#### THREE MONTH ROLLING

Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 29 of 37

Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW

Data Date: 20-Nov-16

# CWB(CC) - Commissioning Contract

**TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.**

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2016				2017					
						Nov		Dec		Jan		Feb			
						1	2	1	2	1	2	1	2		
<b>G-43 Emergency Generator Room</b>															
13506	ADB G-45 - Internal walls / Cast-in items	1d	25-Nov-16	25-Nov-16	-30d										
<b>G-45 Control Room</b>															
13144	ADB G-45 - Internal walls / Cast-in items	1d	25-Nov-16	25-Nov-16	-87d										
<b>G/F (GL A - C) Other Rooms / Corridors / Staircase</b>															
13146	ADB - G/F (GL A-C) - Remaining Internal walls / Cast-in items	1d	25-Nov-16	25-Nov-16	-111d										
13148	ADB - G/F (GL A-C) - Plinths / R.C. curbs	12d	26-Nov-16	09-Dec-16	-111d										
<b>GL (G - N) - Original DWP Rev.3</b>															
13152	ADB - G/F (GL G-N) - G/F slab construction	24d	11-Jul-16 A	22-Dec-16	-186d										
13154	ADB - G/F (GL G-N) - Formwork for column / walls	8d	27-Jul-16 A	04-Jan-17	-157d										
13156	ADB - G/F (GL G-N) - Rebarfixing for column / walls	0d	19-Aug-16 A	18-Jan-17	-157d										
13158	ADB - G/F (GL G-N) - Concrete for column / walls	196d	26-Sep-16 A	19-Jan-17	-157d										
<b>GL (G - H / K - N) - Original DWP Rev.3a</b>															
13152b	ADB - G/F (GL G-H / K-N) - G/F slab construction	24d	25-Nov-16	22-Dec-16	-186d										
13154b	ADB - G/F (GL G-H / K-N) - Formwork for column / walls	8d	23-Dec-16	04-Jan-17	-186d										
13156b	ADB - G/F (GL G-H / K-N) - Rebarfixing for column / walls	12d	05-Jan-17	18-Jan-17	-157d										
13158b	ADB - G/F (GL G-H / K-N) - Concrete for column / walls	1d	19-Jan-17	19-Jan-17	-157d										
13160b	ADB - G/F (GL G-H / K-N) - Scaffolding for beam & slab	28d	20-Jan-17	28-Feb-17	-173d										
13162b	ADB - G/F (GL G-H / K-N) - Decking / Formwork for beam & slab	29d	26-Jan-17	07-Mar-17	-174d										
13164b	ADB - G/F (GL G-H / K-N) - Rebar for beam & slab	31d	06-Feb-17	13-Mar-17	-176d										
13166b	ADB - G/F (GL G-H / K-N) - Close formwork for beam & slab	31d	11-Feb-17	18-Mar-17	-176d										
<b>GL (G - H)</b>															
13152b2	ADB - G/F (GL G-H) - G/F slab construction	24d	25-Nov-16	22-Dec-16	-186d										
13154b2	ADB - G/F (GL G-H) - Formwork for column / walls	8d	23-Dec-16	04-Jan-17	-157d										
13156b2	ADB - G/F (GL G-H) - Rebarfixing for column / walls	12d	05-Jan-17	18-Jan-17	-157d										

- ◆ Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- ▲ Baseline Milestone
- Project Baseline
- Actual Work

## Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

#### THREE MONTH ROLLING

Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 30 of 37

Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW

Data Date: 20-Nov-16

## CWB(CC) - Commissioning Contract

**TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.**

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2016												2017											
						Nov						Dec						Jan						Feb					
13158b2	ADB - G/F (GL G-H) - Concrete for column / walls	1d	19-Jan-17	19-Jan-17	-157d																								
13160b2	ADB - G/F (GL G-H) - Scaffolding for beam & slab	12d	20-Jan-17	09-Feb-17	-157d																								
13162b2	ADB - G/F (GL G-H) - Decking / Formwork for beam & slab	12d	26-Jan-17	15-Feb-17	-117d																								
13164b2	ADB - G/F (GL G-H) - Rebar for beam & slab	12d	06-Feb-17	18-Feb-17	-117d																								
13166b2	ADB - G/F (GL G-H) - Close formwork for beam & slab	12d	11-Feb-17	24-Feb-17	-117d																								
<b>GL (K - N)</b>																													
13152b4	ADB - G/F (GL K-N) - G/F slab construction	24d	25-Nov-16	22-Dec-16	-186d																								
13154b4	ADB - G/F (GL K-N) - Formwork for column / walls	8d	23-Dec-16	04-Jan-17	-186d																								
13156b4	ADB - G/F (GL K-N) - Rebar fixing for column / walls	12d	05-Jan-17	18-Jan-17	-157d																								
13158b4	ADB - G/F (GL K-N) - Concrete for column / walls	1d	19-Jan-17	19-Jan-17	-157d																								
13160b4	ADB - G/F (GL K-N) - Scaffolding for beam & slab	12d	20-Jan-17	09-Feb-17	-157d																								
13162b4	ADB - G/F (GL K-N) - Decking / Formwork for beam & slab	12d	26-Jan-17	15-Feb-17	-157d																								
13164b4	ADB - G/F (GL K-N) - Rebar for beam & slab	12d	06-Feb-17	18-Feb-17	-157d																								
13166b4	ADB - G/F (GL K-N) - Close formwork for beam & slab	12d	11-Feb-17	24-Feb-17	-157d																								
<b>1/F</b>																													
<b>GL (A - C)</b>																													
13202	ADB - 1/F (GL A-C) - Formwork for column / walls	6d	05-Jan-17	11-Jan-17	-186d																								
13204	ADB - 1/F (GL A-C) - Rebar fixing for column / walls	10d	05-Jan-17	16-Jan-17	-186d																								
13206	ADB - 1/F (GL A-C) - Concrete for column / walls	1d	17-Jan-17	17-Jan-17	-186d																								
13208	ADB - 1/F (GL A-C) - Scaffolding for beam & slab	12d	18-Jan-17	07-Feb-17	-186d																								
13210	ADB - 1/F (GL A-C) - Decking / Formwork for beam & slab	12d	25-Jan-17	14-Feb-17	-186d																								
13212	ADB - 1/F (GL A-C) - Rebar for beam & slab	12d	08-Feb-17	21-Feb-17	-186d																								
13214	ADB - 1/F (GL A-C) - Close formwork for beam & slab	12d	15-Feb-17	28-Feb-17	-186d																								
<b>Administration Building (ADB) - Original in DWP 2d</b>																													
<b>RC Structures (Portion Xa) - Original in DWP 2d</b>																													

- ◆ Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- ▲ Baseline Milestone
- Project Baseline
- Actual Work

### Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

### THREE MONTH ROLLING

Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 31 of 37

Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW



Data Date: 20-Nov-16

# CWB(CC) - Commissioning Contract

**TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.**

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2016				2017	
						Nov		Dec		Jan	Feb
						1	2	1	2	1	2
13092a	ADB (Xa) - Secondary beam connected from the existing ground beams	36d	11-Apr-16 A	29-Nov-16	-166d	[Gantt bars for 13092a: Nov 11-16, Dec 1-16]					
<b>Basement - Original in DWP 2d</b>											
<b>GL (D-F)</b>											
<b>B-04 Sump Pump Room</b>											
12924	ADB G14 - Water Tank	0d	21-Nov-16	21-Nov-16	533d	[Gantt bar for 12924: Nov 21-16]					
<b>GL (P-R)</b>											
<b>B-13 F.S. Water Tank, Sprinkler Tank &amp; Pump Room</b>											
12940	ADB B-13 - Internal walls / Cast-in items	0d	21-Nov-16	21-Nov-16	533d	[Gantt bar for 12940: Nov 21-16]					
<b>Basement (GL P-R) Other Rooms / Corridors / Staircase</b>											
12946	ADB (Xa) B/F (GL P-R) - Remaining Internal walls / Cast-in items	0d	21-Nov-16	21-Nov-16	533d	[Gantt bar for 12946: Nov 21-16]					
<b>G/F - Original in DWP 2d</b>											
<b>GL (A - F) - Original in DWP 2d</b>											
11816	ADB (Xa) G/F (GL A-F) - Rebar for beam & slab	12d	18-Oct-16 A	02-Nov-16 A		[Gantt bar for 11816: Oct 18-16 to Nov 2-16]					
11818	ADB (Xa) G/F (GL A-F) - Close formwork for beam & slab	12d	03-Nov-16 A	24-Nov-16	-186d	[Gantt bar for 11818: Nov 3-16 to Nov 24-16]					
11820	ADB (Xa) G/F (GL A-F) - Concrete beam & slab (Roof slab)	1d	25-Nov-16	25-Nov-16	-155d	[Gantt bar for 11820: Nov 25-16]					
<b>G-45 Control Room - Original in DWP 2d</b>											
11822	ADB (Xa) G-45 - Internal walls / Cast-in items	1d	25-Nov-16	25-Nov-16	-87d	[Gantt bar for 11822: Nov 25-16]					
<b>G/F (GL A - F) Other Rooms / Corridors / Staircase - Original in DWP 2d</b>											
11840	ADB (Xa) G/F (GL A-F) - Remaining Internal walls / Cast-in items	1d	25-Nov-16	25-Nov-16	-111d	[Gantt bar for 11840: Nov 25-16]					
11842	ADB (Xa) G/F (GL A-F) - Plinths / R.C. curbs	12d	26-Nov-16	09-Dec-16	-111d	[Gantt bar for 11842: Nov 26-16 to Dec 9-16]					
<b>GL (F - N) - Original in DWP 2d</b>											
13096	ADB (Xa) - G/F (GL F-N) - G/F slab construction	24d	11-Jul-16 A	22-Dec-16	-126d	[Gantt bar for 13096: Jul 11-16 to Dec 22-16]					
11844	ADB (Xa) G/F (GL F-N) - Formwork for column / walls	8d	27-Jul-16 A	04-Jan-17	-114d	[Gantt bar for 11844: Jul 27-16 to Jan 4-17]					
11846	ADB (Xa) G/F (GL F-N) - Rebar fixing for column / walls	189d	19-Aug-16 A	18-Jan-17	-95d	[Gantt bar for 11846: Aug 19-16 to Jan 18-17]					
11848	ADB (Xa) G/F (GL F-N) - Concrete for column / walls	196d	26-Sep-16 A	19-Jan-17	-95d	[Gantt bar for 11848: Sep 26-16 to Jan 19-17]					

- ◆ Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- ▲ Baseline Milestone
- Project Baseline
- Actual Work

## Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

#### THREE MONTH ROLLING

Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 32 of 37

Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW





Data Date: 20-Nov-16

# CWB(CC) - Commissioning Contract

**TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.**

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2016												2017			
						Nov			Dec			Jan			Feb			Jan		Feb	
						1	2	3	1	2	3	1	2	3	1	2	3	1	2	1	2
<b>MEP Works</b>																					
3834	MEP(EVS) - E&M Start	0d	28-Dec-16		-264d	◆															
3836	MEP(EVS) - E&M 1st Fix	30d	28-Dec-16	08-Feb-17	-264d	▬															
3838	MEP(EVS) - E&M 2nd Fix	30d	09-Feb-17	15-Mar-17	-264d	▬															
<b>Satellite Control Points 4 / 5</b>																					
<b>SCP4</b>																					
3776	SCP4 - Possession of Portion VIIIc	0d	02-Jan-17		7d	▲															
3778	SCP4 - Initial Site Survey	6d	03-Jan-17	09-Jan-17	5d	▬															
3780	SCP4 - Erect Hoarding	6d	10-Jan-17	16-Jan-17	5d	▬															
3782	SCP4 - Mobilisation and setup	12d	17-Jan-17	06-Feb-17	5d	▬															
3784	SCP4 - Construct SCP RC Structures	24d	07-Feb-17	06-Mar-17	5d	▬															
<b>SCP5</b>																					
3828	SCP5 - Mobilization for Area B	0d	21-Nov-16*		-93d	◆															
3848	SCP5 - Initial Site Survey	6d	21-Nov-16	26-Nov-16	-93d	▬															
3852	SCP5 - Erect Hoarding	6d	28-Nov-16	03-Dec-16	-93d	▬															
3868	SCP5 - Mobilisation and setup	12d	05-Dec-16	17-Dec-16	-93d	▬															
3870	SCP5 - Construct SCP RC Structures	24d	19-Dec-16	18-Jan-17	-93d	▬															
3870a	SCP5 - Construct walls upto R/F - Falseworks & Formwork	5d	19-Dec-16	23-Dec-16	-93d	▬															
3870b	SCP5 - Construct walls upto R/F - Rebar fixing	3d	24-Dec-16	29-Dec-16	-93d	▬															
3870c	SCP5 - Construct walls upto R/F - Close formwork	5d	30-Dec-16	05-Jan-17	-93d	▬															
3870d	SCP5 - Construct beams & slab upto R/F - Scaffolding, falsework & formwork	7d	06-Jan-17	13-Jan-17	-93d	▬															
3870e	SCP5 - Construct beams & slab upto R/F - Rebar fixing	3d	14-Jan-17	17-Jan-17	-93d	▬															
3870f	SCP5 - Construct beams & slab upto R/F - Concreting	1d	18-Jan-17	18-Jan-17	-93d	▬															
3872	SCP5 - ABWF Works	24d	19-Jan-17	22-Feb-17	-87d	▬															
3886	SCP5 - External Works	30d	19-Jan-17	01-Mar-17	-93d	▬															

- ◆ Current Milestone
- ▬ Level of Effort
- ▲ Baseline Milestone
- ▬ Actual Work
- ▬ Critical Remaining Work
- ▬ Remaining Work
- ▬ Project Baseline

## Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

#### THREE MONTH ROLLING

Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 35 of 37

Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW

Data Date: 20-Nov-16

# CWB(CC) - Commissioning Contract

**TASK filters: 3 Months\_4, 3MRP, No Original Sections, Not HL.**

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2016												2017											
						Nov						Dec						Jan						Feb					
						[Gantt Chart Area]												[Gantt Chart Area]											
<b>External Works</b>																													
<b>Area A/B</b>																													
10288a3	Request for VO/instruction-TCSS equipment installation & cabling (Gantries FVMS1 / ADS01) (Ref: H27613-LJV-ME-LE-4022)	24d	04-Oct-16 A	09-Jan-17	-56d	[Gantt Bar: Red, spans Oct 4 to Jan 9]												[Gantt Bar: Red, spans Dec 1 to Jan 9]											
10288C11	C18 gantry installation complete (FVMS 1)	0d		21-Nov-16*	-17d	[Milestone: Blue diamond at Nov 21]												[Gantt Bar: Red, spans Dec 1 to Jan 9]											
10288f	C19 allow access at Area B	0d	01-Dec-16*		-199d	[Milestone: Blue diamond at Dec 1]												[Gantt Bar: Red, spans Dec 1 to Jan 9]											
10288a1	Area A TCSS equipment installation and cabling (Gantry FVMS 1) - After C18 gantry installation complete	40d	10-Jan-17	03-Mar-17	-56d	[Gantt Bar: Red, spans Jan 10 to Mar 3]												[Gantt Bar: Red, spans Dec 1 to Jan 9]											
10288a2	Area A TCSS equipment installation and cabling (Gantry ADS01) - Start date is tentative and to be confirmed	40d	10-Jan-17	03-Mar-17	-56d	[Gantt Bar: Red, spans Jan 10 to Mar 3]												[Gantt Bar: Red, spans Dec 1 to Jan 9]											
<b>Area B TCSS</b>																													
<b>Landscape Deck / Noise Enclosure (No TTA)</b>																													
10288b1	Area B TCSS equipment installation and cabling (on IEC's Westbound)	120d	01-Dec-16	06-May-17	-91d	[Gantt Bar: Red, spans Dec 1 to May 6]												[Gantt Bar: Red, spans Dec 1 to Jan 9]											
10288b4	Area B TCSS equipment Testing & Commissioning	96d	23-Jan-17	27-May-17	-91d	[Gantt Bar: Red, spans Jan 23 to May 27]												[Gantt Bar: Red, spans Dec 1 to Jan 9]											
<b>Noise Enclosure (Live Traffic, TTA) - Night Shift</b>																													
10288b12	Area B noise enclosure (Live Traffic Area) - TTA/TMLG consultation	180d	20-Nov-16	18-May-17	-409d	[Gantt Bar: Red, spans Nov 20 to May 18]												[Gantt Bar: Red, spans Dec 1 to Jan 9]											
<b>Area B Tunnel Lighting</b>																													
10288c	Area B Install Tunnel Lighting / Noise Enclosure night time Lighting Brackets/Cable Containment	74d	01-Dec-16	07-Mar-17	-78d	[Gantt Bar: Green, spans Dec 1 to Mar 7]												[Gantt Bar: Red, spans Dec 1 to Jan 9]											
<b>Landscape Deck</b>																													
10288c1	Area B Tunnel Lighting (Landscape Deck) - Brackets / Cable Containment / Conduit / Junction Box installation	74d	01-Dec-16	07-Mar-17	-78d	[Gantt Bar: Red, spans Dec 1 to Mar 7]												[Gantt Bar: Red, spans Dec 1 to Jan 9]											
10288d2	Area B Tunnel Lighting (Landscape Deck) - Bracket installation (Cable Trench)	6d	01-Dec-16	07-Dec-16	35d	[Gantt Bar: Yellow, spans Dec 1 to Dec 7]												[Gantt Bar: Red, spans Dec 1 to Jan 9]											
10288d3	Area B Tunnel Lighting (Landscape Deck) - Cable laying (Cable Trench)	26d	08-Dec-16	10-Jan-17	106d	[Gantt Bar: Yellow, spans Dec 8 to Jan 10]												[Gantt Bar: Red, spans Dec 1 to Jan 9]											
10288d5	Area B Tunnel Lighting (Landscape Deck) - Cable termination (Cable Trench)	17d	11-Jan-17	06-Feb-17	106d	[Gantt Bar: Yellow, spans Jan 11 to Feb 6]												[Gantt Bar: Red, spans Dec 1 to Jan 9]											
<b>Remaining Area (No TTA Required)</b>																													
18000	Area B - C19 Handover of completed route of cable ductings from SCP-5 to CH 5420	0d	01-Dec-16*		135d	[Milestone: Blue diamond at Dec 1]												[Gantt Bar: Red, spans Dec 1 to Jan 9]											
18002	Area B (Remaining No TTA) - Cable laying along cable duct	11d	01-Dec-16	13-Dec-16	135d	[Gantt Bar: Yellow, spans Dec 1 to Dec 13]												[Gantt Bar: Red, spans Dec 1 to Jan 9]											
18004	Area B (Remaining No TTA) - Noise enclosure lighting brackets installation	57d	14-Dec-16	28-Feb-17	135d	[Gantt Bar: Yellow, spans Dec 14 to Feb 28]												[Gantt Bar: Red, spans Dec 1 to Jan 9]											
18006	Area B (Remaining No TTA) - Cable containment installation	37d	19-Jan-17	09-Mar-17	135d	[Gantt Bar: Yellow, spans Jan 19 to Mar 9]												[Gantt Bar: Red, spans Dec 1 to Jan 9]											

	Current Milestone		Critical Remaining Work
	Level of Effort		Remaining Work
	Baseline Milestone		Project Baseline
	Actual Work		

## Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

#### THREE MONTH ROLLING

Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 36 of 37

Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2016												2017											
						Nov						Dec						Jan						Feb					
<b>Remaining Area (TTA Required)</b>																													
<b>EastBound</b>																													
19000	Area B - TTA Approved	0d	01-Dec-16*		120d																								
19002	Area B (Remaining need TTA) - Noise enclosure lighting brackets installation	43d	01-Dec-16	23-Jan-17	120d																								
19004	Area B (Remaining need TTA) - Cable containment installation	17d	24-Jan-17	18-Feb-17	120d																								
<b>WestBound</b>																													
19014	Area B - TTA Approved	0d	01-Dec-16*		98d																								
19016	Area B (Remaining need TTA) - Noise enclosure lighting brackets installation	53d	01-Dec-16	10-Feb-17	98d																								
19018	Area B (Remaining need TTA) - Cable containment installation	29d	11-Feb-17	16-Mar-17	98d																								

- Current Milestone
- Level of Effort
- Baseline Milestone
- Actual Work
- Critical Remaining Work
- Remaining Work
- Project Baseline

### Leighton Contractors (Asia) Limited

### Programme Update 33 (November 2016)

### THREE MONTH ROLLING

Project ID: H2613-U033  
 Baseline: DWP2d  
 Layout: Update Three Month Rolling U033  
 Page 37 of 37

Date	Revision	Checked	Appro...
20-Oct-16	U032	AT	CW
20-Nov-16	U033	AT	CW

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2016		2017	
						Nov	Dec	Jan	Feb
<b>Update 2016-11-20 CWB - Central Interchange (2014-06-20) Revised DWP R7</b>									
<b>PRELIMINARIES</b>									
<b>Access Dates &amp; Milestones</b>									
<b>Commencement &amp; Completion</b>									
1005	Contract Construction Completion	0d		20-Nov-16*	-294d				
1010	Contract DLP and Establishment Works for Landscape Completion	0d		29-Jan-17*	0d				
<b>SECTION 5 - ALL WORKS IN PORTION V &amp; VA</b>									
<b>CWB Trough B - CH1360 to CH1480</b>									
<b>Preliminaries</b>									
1533	V - Permanent Reinstatement Finance Street for TTA6 (Both lanes) & drainage settlement- (VO V/021)	142d	16-Nov-15 A	01-Dec-16	-318d				
<b>Trough Internal Works</b>									
VO207	VO207 - Revised Details of Roadside Barrier at Trough B	24d	21-Nov-16*	17-Dec-16	-332d				
<b>SECTION 6 - ALL WORKS IN PORTION VI</b>									
<b>General Surface Works</b>									
<b>Formation &amp; Roadworks</b>									
<b>Irrigation System</b>									
14916	Area VIII (New cross road pipes added)	140d	05-Nov-15 A	03-Dec-16	-247d				
14912	Area VI	78d	18-Apr-16 A	23-Dec-16	-264d				
14914	Area VII	78d	18-Apr-16 A	16-Dec-16	-258d				
14908	Area IV / Area V	78d	28-Jun-16 A	03-Dec-16	-247d				
14920	Area X	78d	04-Jul-16 A	03-Dec-16	-247d				
<b>Roadworks</b>									
VO189	VO189 (Dated 20 May 2015) - Revised General Arrangement of the Mounting Post for Height Detector	106d	15-Dec-15 A	29-Nov-16	-261d				
14926	Area 3	66d	19-Dec-15 A	14-Dec-16	-286d				
14922	Area 1a / Area 1b	129d	28-Dec-15 A	14-Dec-16	-305d				

- ◆ Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- ▲ Baseline Milestone
- Project Baseline
- Actual Work

**Leighton Contractors (Asia) Limited**  
**Programme Update 74 (November 2016)**  
**THREE MONTH ROLLING**

Project ID: U074  
 Baseline: DCP7-2c  
 Layout: Update Three Month Rolling U074  
 Page 1 of 3

Date	Revision	Checked	Appro...
20-Oct-16	U073	AT	PT
20-Nov-16	U074	AT	PT

Data Date: 20-Nov-16

# HY/2009/18 Central - Wan Chai Bypass (Central Interchange)

TASK filters: 3 Months\_1, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Gantt Chart											
						2016						2017					
						Nov		Dec		Jan		Feb		Mar		Apr	
14928	Area 4	18d	15-Apr-16 A	21-Dec-16	-286d												
VO150	VO150 (Dated 03 Jul 2015) - Replacement of Damaged Lattice	18d	30-Nov-16*	20-Dec-16	-261d												
<b>Finishes &amp; Landscaping</b>																	
14946	Area 3	12d	15-Dec-16	30-Dec-16	-268d												
14944	Area 1a /Area 1b	12d	03-Jan-17	16-Jan-17	-305d												
14948	Area 4	12d	17-Jan-17	06-Feb-17	-305d												
14950	Area 6	12d	07-Feb-17	20-Feb-17	-305d												
<b>Elevated Layby at Rumsey Street Flyover East Bound</b>																	
<b>Bridge Structure</b>																	
VO181	VO181 (Dated 12 May 2015) - Inspection of Base Plate of Existing Gantry GS2(HSN48) at Rumsey Street Flyover	6d	09-Aug-16 A	23-Nov-16	-238d												
14988	RSFLB - Construction of sign gantries (FVMS01)	40d	11-Oct-16 A	28-Nov-16	380d												
<b>SECTION 7, 7A, 7B &amp; 7C - LANDSCAPE ESTABLISHMENT</b>																	
4020	EST - Portion IVD Landscape Establishment	365d	03-Nov-14 A	03-Dec-16	-396d												
4000	EST - Portion IIIA Landscape Establishment	365d	20-Nov-16*	19-Nov-17	-652d												
4030	EST - Portion V Landscape Establishment	365d	20-Nov-16*	19-Nov-17	-747d												
<b>Key Dates for Completion of Sections</b>																	
<b>Contract Required Completion</b>																	
1095	KD12 - Section 7A Complete (DAY-1870)	0d		20-Nov-16*	-382d												
1105	KD14 - Section 7B Complete (DAY-1870)	0d		20-Nov-16*	-382d												
1115	KD10 - Section 6 Complete (DAY-1958)	0d		20-Nov-16*	-294d												
1125	KD11 - Section 7 Complete (DAY-1965)	0d		20-Nov-16*	-287d												
1140	KD16 - Section 8 Complete (DAY-1958)	0d		20-Nov-16*	-294d												
1135	KD15 - Section 7C Complete (DAY-2323)	0d		29-Jan-17*	0d												
<b>Portion Handover Dates</b>																	
<b>Anticipated Handover</b>																	

- Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- Baseline Milestone
- Project Baseline
- Actual Work








## Leighton Contractors (Asia) Limited Programme Update 74 (November 2016) THREE MONTH ROLLING

Project ID: U074  
Baseline: DCP7-2c  
Layout: Update Three Month Rolling U074  
Page 2 of 3

Date	Revision	Checked	Appro...
20-Oct-16	U073	AT	PT
20-Nov-16	U074	AT	PT



Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2016												2017											
						Nov						Dec						Jan						Feb					
						1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
2960a	Portion IIIA Handover - Remaining (KD3 + 28 days) - (EOT 26.5 days added)	0d		20-Nov-16*	-597d																								
<b>Contract Required Handover</b>																													
3096	Portion VI Handover (KD10 + 28 days)	0d		20-Nov-16*	-266d																								

 Current Milestone	 Critical Remaining Work
 Level of Effort	 Remaining Work
 Baseline Milestone	 Project Baseline
 Actual Work	

**Leighton Contractors (Asia) Limited**  
**Programme Update 74 (November 2016)**  
**THREE MONTH ROLLING**

Project ID: U074  
 Baseline: DCP7-2c  
 Layout: Update Three Month Rolling U074  
 Page 3 of 3

Date	Revision	Checked	Appro...
20-Oct-16	U073	AT	PT
20-Nov-16	U074	AT	PT