

ID	Activity	Days	Start	Finish	2018															
					September				October				November				December			
					20	27	03	10	17	24	01	08	15	22	29	05	12	19	26	03
Three Monthly Programme 20/09/18 - 20/12/18																				
Contract Dates																				
Portion Access Dates																				
P190	Access to Portion XVa (Day 161)	0	14/09/18 A																	
P200	Access to Portion XV/a (Day 161)	0	14/09/18 A																	
Portion Possession Dates																				
P185	Possession to Portion Ve (Day 132)	0	15/09/18 A																	
P195	Possession to Portion XIII (16 Sep 2018)	0	16/09/18 A																	
General Procurement																				
P1060	ABWF Material	70	07/06/18 A	29/08/18 A																
P1070	ABWF Erector	70	07/06/18 A	29/08/18 A																
P1080	Cladding	70	07/06/18 A	29/08/18 A																
Method Statements																				
Administration Building																				
MS1050	Prepare & Submit MS for Administration Building (Civil)	24	01/09/18 A	29/09/18																
MS1060	ICE & ER Approval of MS for Administration Building (Civil)	12	02/10/18	15/10/18																
MS1190	Prepare & Submit MS for Administration Building (E&M)	24	16/10/18	13/11/18																
MS1200	ICE & ER Approval of MS for Administration Building (E&M)	12	14/11/18	27/11/18																
Maintenance Depot																				
MS1070	Prepare & Submit MS for Maintenance Depot (Civil)	24	02/10/18*	30/10/18																
MS1080	ICE & ER Approval of MS for Maintenance Depot (Civil)	12	31/10/18	13/11/18																
MS1210	Prepare & Submit MS for Maintenance Depot (E&M)	24	14/11/18	11/12/18																
MS1220	ICE & ER Approval of MS for Maintenance Depot (E&M)	12	12/12/18	28/12/18																
Custom & Excise Department Building																				
MS1090	Prepare & Submit MS for C&ED Building (Civil)	24	31/10/18	27/11/18																
MS1100	ICE & ER Approval of MS for C&ED Building (Civil)	12	28/11/18	11/12/18																
MS1230	Prepare & Submit MS for C&ED Building (E&M)	24	12/12/18	12/01/19																
Fire Services Department Building																				
MS1110	Prepare & Submit MS for Fire Services Building (Civil)	24	28/11/18	28/12/18																
E&M Design																				
Section A - Tunnel Ventilation System																				
A010	Design Proposal of Tunnel Ventilation System	60	18/08/18 A	16/10/18																

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HY/2017/10 TM-CLKL - Northern Connection Tunnel Buildings, Electrical and Mechanical Works

20/09/18 - 20/12/18

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Date	Revision	Checked	Approved
20/09/18			

ID	Activity	Days	Start	Finish	2018														
					September					October				November				December	
					20	27	03	10	17	24	01	08	15	22	29	05	12	19	26
A015	Design Proposal of Tunnel Ventilation System - Approval	31	17/10/18	16/11/18															
A020	Tunnel Ventilation Fan Pressure Calculations	60	29/09/18*	27/11/18															
A025	Tunnel Ventilation Fan Pressure Calculations - Approval	28	28/11/18	25/12/18															
A030	Acoustic Calculations	60	28/11/18*	26/01/19															
A040	TVS -Smoke Extraction Fan Static Calculation for Service Gallery	60	13/09/18 A	11/11/18															
A045	TVS -Smoke Extraction Fan Static Calculation for Service Gallery - Approval	28	12/11/18	09/12/18															
A060	Pressurization Fan Static Calculation for Vehicle Underpass	60	22/08/18 A	20/10/18															
A065	Pressurization Fan Static Calculation for Vehicle Underpass - Approval	28	21/10/18	17/11/18															
A070	Design Proposal of Power Loading Assessment of TVS	60	02/12/18*	30/01/19															
A080	TVS -Design Proposal including the Smoke Extraction Strategy	60	13/09/18 A	11/11/18															
A088	TVS -Design Proposal including the Smoke Extraction Strategy - Approval	28	12/11/18	09/12/18															
A090	TVS -Control Logic Review with FSD	60	13/09/18 A	11/11/18															
A095	TVS -Control Logic Review with FSD - Approval	28	12/11/18	09/12/18															
A100	TVS -Cable Sizing and Voltage Drop for TVFs	60	18/12/18*	15/02/19															
A160	Tunnel Cable Sizing and Voltage Drop Verification	60	06/10/18*	04/12/18															
A165	Tunnel Cable Sizing and Voltage Drop Verification - Approval	30	05/12/18	03/01/19															
A170	Tunnel Cable Containment Calculation	60	03/11/18*	01/01/19															
Section B - Tunnel Lighting and Road Lighting System																			
B010	Design Proposal of Tunnel Lighting System (TLS)	60	04/08/18 A	02/10/18															
B015	Design Proposal of Tunnel Lighting System (TLS) - Approval	30	03/10/18	01/11/18															
B020	Tunnel lighting control	60	08/09/18 A	06/11/18															
B025	Tunnel lighting control - Approval	30	07/11/18	06/12/18															
B030	TLS -Lux Calculation	60	08/09/18 A	06/11/18															
B035	TLS -Lux Calculation - Approval	30	07/11/18	06/12/18															
B040	TLS -Structure support design calculation for tunnel lighting	60	08/09/18 A	06/11/18															
B045	TLS -Structure support design calculation for tunnel lighting - Approval	30	07/11/18	06/12/18															
B050	Design Proposal of Road / Street Lighting System	60	27/09/18*	25/11/18															
B055	Design Proposal of Road / Street Lighting System - Approval	30	26/11/18	25/12/18															
B060	Road Lighting Lux Calculation	60	17/11/18*	15/01/19															
Section C - Building Services of MVAC System																			
TCB																			

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Date	Revision	Checked	Approved
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ID	Activity	Days	Start	Finish	2018																	
					September						October			November			December					
					20	27	03	10	17	24	01	08	15	22	29	05	12	19	26	03	10	17
C012	TCB -AC Cooling Capacity Calculation	60	31/07/18 A	28/09/18																		
C015	TCB -AC Cooling Capacity Calculation - Approval	28	29/09/18	26/10/18																		
C020	TCB -AHU/PAU Static Pressure Calculation	60	02/07/18 A	30/08/18 A																		
C025	TCB -AHU/PAU Static Pressure Calculation - Approval	28	31/08/18 A	27/09/18																		
C030	TCB -Pump head calculation	60	03/10/18*	01/12/18																		
C035	TCB -Pump head calculation - Approval	28	02/12/18	29/12/18																		
C045	TCB -Mechanical Ventilation Capacity Calculation - Approval	28	16/08/18 A	12/09/18 A																		
C050	TCB -Fan Static Pressure Calculation	60	29/07/18 A	26/09/18																		
C055	TCB -Fan Static Pressure Calculation - Approval	28	27/09/18	24/10/18																		
C060	TCB -Acoustic Performance Calculation	60	30/09/18*	28/11/18																		
C065	TCB -Acoustic Performance Calculation - Approval	28	29/11/18	26/12/18																		
ADB																						
C070	ADB -AC Cooling Capacity Calculation	60	24/06/18 A	22/08/18 A																		
C075	ADB -AC Cooling Capacity Calculation - Approval	28	23/08/18 A	19/09/18 A																		
C080	ADB -AHU/PAU Static Pressure Calculation	60	07/09/18 A	05/11/18																		
C085	ADB -AHU/PAU Static Pressure Calculation - Approval	28	06/11/18	03/12/18																		
C090	ADB -Pump head calculation	60	27/08/18 A	25/10/18																		
C095	ADB -Pump head calculation - Approval	28	26/10/18	22/11/18																		
C100	ADB -Mechanical Ventilation Capacity Calculation	60	26/07/18 A	23/09/18																		
C105	ADB -Mechanical Ventilation Capacity Calculation - Approval	28	24/09/18	21/10/18																		
C110	ADB -Fan Static Pressure Calculation	60	06/09/18 A	04/11/18																		
C115	ADB -Fan Static Pressure Calculation - Approval	28	05/11/18	02/12/18																		
C120	ADB -Acoustic Performance Calculation	60	08/11/18*	06/01/19																		
NVB																						
C130	NVB -AC Cooling Capacity Calculation	60	13/09/18 A	11/11/18																		
C135	NVB -AC Cooling Capacity Calculation - Approval	28	12/11/18	09/12/18																		
C140	NVB -Mechanical Ventilation Capacity Calculation	60	13/09/18 A	11/11/18																		
C145	NVB -Mechanical Ventilation Capacity Calculation - Approval	28	12/11/18	09/12/18																		
C150	NVB -Fan Static Pressure Calculation	60	25/10/18*	23/12/18																		
C160	NVB -Acoustic Performance Calculation	60	17/09/18 A	15/11/18																		
C165	NVB -Acoustic Performance Calculation - Approval	28	16/11/18	13/12/18																		

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Date	Revision	Checked	Approved
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ID	Activity	Days	Start	Finish	2018														
					September					October				November			December		
					20	27	03	10	17	24	01	08	15	22	29	05	12	19	26
C170	NVB -Refrigerant Pipes Sizing Calculation	60	21/09/18*	19/11/18															
C175	NVB -Refrigerant Pipes Sizing Calculation - Approval	28	20/11/18	17/12/18															
C180	NVB -Staircase Pressurization System Calculation	60	13/09/18 A	11/11/18															
C185	NVB -Staircase Pressurization System Calculation - Approval	28	12/11/18	09/12/18															
CEDB																			
C250	CEDB -AC Cooling Capacity Calculation	60	09/11/18*	07/01/19															
C260	CEDB -Mechanical Ventilation Capacity Calculation	60	11/12/18*	08/02/19															
FSDB																			
C300	FSDB -AC Cooling Capacity Calculation	60	09/11/18*	07/01/19															
C310	FSDB -Mechanical Ventilation Capacity Calculation	60	11/12/18*	08/02/19															
MD																			
C400	MD -AC Cooling Capacity Calculation	60	13/09/18 A	11/11/18															
C405	MD -AC Cooling Capacity Calculation - Approval	28	12/11/18	09/12/18															
C410	MD -AHU/PAU Static Pressure Calculation	60	10/10/18*	08/12/18															
C415	MD -AHU/PAU Static Pressure Calculation - Approval	28	09/12/18	05/01/19															
C420	MD -Mechanical Ventilation Capacity Calculation	60	28/08/18 A	26/10/18															
C425	MD -Mechanical Ventilation Capacity Calculation - Approval	28	27/10/18	23/11/18															
C430	MD -Fan Static Pressure Calculation	60	09/10/18*	07/12/18															
C435	MD -Fan Static Pressure Calculation - Approval	28	08/12/18	04/01/19															
C440	MD -Acoustic Performance Calculation	60	11/12/18*	08/02/19															
Vehicular Underpass																			
C450	Vehicle Underpass -Mechanical Ventilation Capacity Calculation	60	18/08/18 A	16/10/18															
C455	Vehicle Underpass -Mechanical Ventilation Capacity Calculation - Approval	28	17/10/18	13/11/18															
C460	Vehicle Underpass -Fan Static Pressure Calculation	60	29/09/18*	27/11/18															
C465	Vehicle Underpass -Fan Static Pressure Calculation - Approval	28	28/11/18	25/12/18															
C470	Vehicle Underpass -Acoustic Performance Calculation	60	01/12/18*	29/01/19															
Thermal Insulation																			
C480	Ductwork & Pipework Thermal Insulation Thickness Calculation	60	02/07/18 A	30/08/18 A															
C485	Ductwork & Pipework Thermal Insulation Thickness Calculation - Approval	28	31/08/18 A	27/09/18															
Section D - Building Services of Electrical System																			
TCB																			
D010	TCB -UPS and Battery Capacity Calculations	60	06/07/18 A	03/09/18 A															

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20/09/18 - 20/12/18

P4	Date	Revision	Checked	Approved
	20/09/18			

ID	Activity	Days	Start	Finish	2018															
					September				October				November				December			
					20	27	03	10	17	24	01	08	15	22	29	05	12	19	26	03
D015	TCB -UPS and Battery Capacity Calculations - Approval	30	04/09/18 A	03/10/18																
D020	TCB -Electrical Loading Demand Calculation	60	24/07/18 A	21/09/18																
D025	TCB -Electrical Loading Demand Calculation - Approval	30	22/09/18	21/10/18																
D030	TCB -Lux Level Calculation	60	18/07/18 A	15/09/18 A																
D035	TCB -Lux Level Calculation - Approval	30	16/09/18 A	15/10/18																
D040	TCB -Cable Sizing and Voltage Drop Verification	60	07/08/18 A	05/10/18																
D045	TCB -Cable Sizing and Voltage Drop Verification - Approval	30	06/10/18	04/11/18																
D055	TCB -Generator Calculation - Approval	30	14/08/18 A	12/09/18 A																
D065	TCB -Fuel Tank Calculation - Approval	30	14/08/18 A	12/09/18 A																
D070	TCB -Cable Containment Calculation	60	04/09/18 A	02/11/18																
D075	TCB -Cable Containment Calculation - Approval	30	03/11/18	02/12/18																
D080	TCB -Earthing Resistance Calculation	60	07/08/18 A	05/10/18																
D085	TCB -Earthing Resistance Calculation - Approval	30	06/10/18	04/11/18																
D090	TCB -Power Factor Correction & Harmonic Current AnalysisCalculation	60	07/08/18 A	05/10/18																
D095	TCB -Power Factor Correction & Harmonic Current AnalysisCalculation - Apprc	30	06/10/18	04/11/18																
ADB																				
D100	ADB -UPS and Battery Capacity Calculations	60	01/08/18 A	29/09/18																
D105	ADB -UPS and Battery Capacity Calculations - Approval	30	30/09/18	29/10/18																
D110	ADB -Electrical Loading Demand Calculation	60	28/06/18 A	26/08/18 A																
D115	ADB -Electrical Loading Demand Calculation - Approval	30	27/08/18 A	25/09/18																
D120	ADB -Lux Level Calculation	60	09/09/18 A	07/11/18																
D125	ADB -Lux Level Calculation - Approval	30	08/11/18	07/12/18																
D130	ADB -Cable Sizing and Voltage Drop Verification	60	30/09/18*	28/11/18																
D135	ADB -Cable Sizing and Voltage Drop Verification - Approval	30	29/11/18	28/12/18																
D145	ADB -Generator Calculation - Approval	30	10/08/18 A	08/09/18 A																
D155	ADB -Fuel Tank Calculation - Approval	30	10/08/18 A	08/09/18 A																
D160	ADB -Cable Containment Calculation	60	10/10/18*	08/12/18																
D165	ADB -Cable Containment Calculation - Approval	30	09/12/18	07/01/19																
D170	ADB -Earthing Resistance Calculation	60	30/09/18*	28/11/18																
D175	ADB -Earthing Resistance Calculation - Approval	30	29/11/18	28/12/18																
D180	ADB -Power Factor Correction & Harmonic Current AnalysisCalculation	60	30/09/18*	28/11/18																

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20/09/18 - 20/12/18

P5	Date	Revision	Checked	Approved
	20/09/18			

ID	Activity	Days	Start	Finish	2018														
					September					October				November			December		
					20	27	03	10	17	24	01	08	15	22	29	05	12	19	26
D185	ADB -Power Factor Correction & Harmonic Current AnalysisCalculation - Apprc	30	29/11/18	28/12/18															
NVB																			
D195	NVB -UPS and Battery Capacity Calculations - Approval	30	19/08/18 A	17/09/18 A															
D200	NVB -Electrical Loading Demand Calculation	60	06/07/18 A	03/09/18 A															
D205	NVB -Electrical Loading Demand Calculation - Approval	30	04/09/18 A	03/10/18															
D210	NVB -Lux Level Calculation	60	17/07/18 A	14/09/18 A															
D215	NVB -Lux Level Calculation - Approval	30	15/09/18 A	14/10/18															
D220	NVB -Cable Sizing and Voltage Drop Verification	60	11/08/18 A	09/10/18															
D225	NVB -Cable Sizing and Voltage Drop Verification - Approval	30	10/10/18	08/11/18															
D235	NVB -Generator Calculation - Approval	30	19/08/18 A	17/09/18 A															
D245	NVB -Fuel Tank Calculation - Approval	30	19/08/18 A	17/09/18 A															
D250	NVB -Cable Containment Calculation	60	19/09/18 A	17/11/18															
D255	NVB -Cable Containment Calculation - Approval	30	18/11/18	17/12/18															
D260	NVB -Earthing Resistance Calculation	60	11/08/18 A	09/10/18															
D265	NVB -Earthing Resistance Calculation - Approval	30	10/10/18	08/11/18															
D270	NVB -Power Factor Correction & Harmonic Current AnalysisCalculation	60	11/08/18 A	09/10/18															
D275	NVB -Power Factor Correction & Harmonic Current AnalysisCalculation - Apprc	30	10/10/18	08/11/18															
D280	NVB -HV Electrical Loading Calculation	60	11/08/18 A	09/10/18															
D285	NVB -HV Electrical Loading Calculation - Approval	30	10/10/18	08/11/18															
CEDB																			
D490	CEDB -Electrical Loading Demand Calculation	60	13/11/18*	11/01/19															
D520	CEDB -Calculation of Total Electrical Load	60	13/11/18*	11/01/19															
D530	CEDB -Generator Calculation	60	15/12/18*	12/02/19															
D540	CEDB -Fuel Tank Calculation	60	15/12/18*	12/02/19															
FSDB																			
D590	FSDB -Electrical Loading Demand Calculation	60	13/11/18*	11/01/19															
D620	FSDB -Calculation of Total Electrical Load	60	13/11/18*	11/01/19															
MD																			
D680	MD -Electrical Loading Demand Calculation	60	31/07/18 A	28/09/18															
D685	MD -Electrical Loading Demand Calculation - Approval	30	29/09/18	28/10/18															
D690	MD -Lux Level Calculation	60	20/09/18*	18/11/18															

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Date	Revision	Checked	Approved
20/09/18			

ID	Activity	Days	Start	Finish	2018															
					September				October				November				December			
					20	27	03	10	17	24	01	08	15	22	29	05	12	19	26	03
D695	MD -Lux Level Calculation - Approval	30	19/11/18	18/12/18																
D700	MD -Cable Sizing and Voltage Drop Verification	60	26/10/18*	24/12/18																
D710	MD -Generator Calculation	60	21/08/18 A	19/10/18																
D715	MD -Generator Calculation - Approval	30	20/10/18	18/11/18																
D720	MD -Fuel Tank Calculation	60	21/08/18 A	19/10/18																
D725	MD -Fuel Tank Calculation - Approval	30	20/10/18	18/11/18																
D730	MD -Cable Containment Calculation	60	14/11/18*	12/01/19																
D740	MD -Earthing Resistance Calculation	60	26/10/18*	24/12/18																
D750	MD -Power Factor Correction & Harmonic Current Analysis Calculation	60	26/10/18*	24/12/18																
Section E - Building Services of Fire Services System																				
Tunnel & Service Gallery																				
E010	FS and Sprinkler Water Tanks Effective Volumes Calculation	60	16/10/18*	14/12/18																
E015	FS and Sprinkler Water Tanks Effective Volumes Calculation - Approval	30	15/12/18	13/01/19																
E020	FS Pump Head Calculation for Tunnel	60	14/10/18*	12/12/18																
E025	FS Pump Head Calculation for Tunnel - Approval	30	13/12/18	11/01/19																
E030	FS Pump Head Calculation for Services Gallery	60	14/10/18*	12/12/18																
E035	FS Pump Head Calculation for Services Gallery - Approval	30	13/12/18	11/01/19																
E040	Sprinkler Pump Head Calculation for Services Gallery	60	14/10/18*	12/12/18																
E045	Sprinkler Pump Head Calculation for Services Gallery - Approval	30	13/12/18	11/01/19																
E055	Foam system design calculation for Services Gallery - Approval	30	11/08/18 A	09/09/18 A																
TCB																				
E060	TCB -FS Pump Head Calculation	60	13/09/18 A	11/11/18																
E065	TCB -FS Pump Head Calculation - Approval	30	12/11/18	11/12/18																
E070	TCB -Sprinkler Pump Head Calculation	60	13/09/18 A	11/11/18																
E075	TCB -Sprinkler Pump Head Calculation - Approval	30	12/11/18	11/12/18																
E080	TCB -Battery Capacity Calculation	60	02/07/18 A	30/08/18 A																
E085	TCB -Battery Capacity Calculation - Approval	30	31/08/18 A	29/09/18																
E090	TCB -FM200 System Design Calculation	60	22/06/18 A	20/08/18 A																
E095	TCB -FM200 System Design Calculation - Approval	30	21/08/18 A	19/09/18 A																
ADB																				
E100	ADB -FS Pump Head Calculation	60	13/09/18 A	11/11/18																

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20/09/18 - 20/12/18

P7	Date	Revision	Checked	Approved
	20/09/18			

ID	Activity	Days	Start	Finish	2018																	
					September				October				November				December					
					20	27	03	10	17	24	01	08	15	22	29	05	12	19	26	03	10	17
E105	ADB -FS Pump Head Calculation - Approval	30	12/11/18	11/12/18																		
E110	ADB -Sprinkler Pump Head Calculation	60	13/09/18 A	11/11/18																		
E115	ADB -Sprinkler Pump Head Calculation - Approval	30	12/11/18	11/12/18																		
E120	ADB -Battery Capacity Calculation	60	29/07/18 A	26/09/18																		
E125	ADB -Battery Capacity Calculation - Approval	30	27/09/18	26/10/18																		
E130	ADB -FM200 System Design Calculation	60	22/06/18 A	20/08/18 A																		
E135	ADB -FM200 System Design Calculation - Approval	30	21/08/18 A	19/09/18 A																		
NVB																						
E140	NVB -FS Pump Head Calculation	60	19/08/18 A	17/10/18																		
E145	NVB -FS Pump Head Calculation - Approval	30	18/10/18	16/11/18																		
E150	NVB -Sprinkler Pump Head Calculation	60	19/08/18 A	17/10/18																		
E155	NVB -Sprinkler Pump Head Calculation - Approval	30	18/10/18	16/11/18																		
E165	NVB -Battery Capacity Calculation - Approval	30	19/08/18 A	17/09/18 A																		
E170	NVB -FM200 System Design Calculation	60	22/06/18 A	20/08/18 A																		
E175	NVB -FM200 System Design Calculation - Approval	30	21/08/18 A	19/09/18 A																		
SCB																						
E250	SCB -FM200 System Design Calculation	60	22/10/18*	20/12/18																		
CEDB																						
E280	CEDB -Battery Capacity Calculation	60	27/11/18*	25/01/19																		
E290	CEDB -FM200 System Design Calculation	60	22/11/18*	20/01/19																		
FSDB																						
E300	FSDB -FS Pump Head Calculation	60	28/11/18*	26/01/19																		
E310	FSDB -Sprinkler Pump Head Calculation	60	28/11/18*	26/01/19																		
E320	FSDB -Battery Capacity Calculation	60	28/11/18*	26/01/19																		
MD																						
E330	MD -FS Pump Head Calculation	60	21/08/18 A	19/10/18																		
E335	MD -FS Pump Head Calculation - Approval	30	20/10/18	18/11/18																		
E340	MD -Sprinkler Pump Head Calculation	60	21/08/18 A	19/10/18																		
E345	MD -Sprinkler Pump Head Calculation - Approval	30	20/10/18	18/11/18																		
E350	MD -Battery Capacity Calculation	60	21/08/18 A	19/10/18																		
E355	MD -Battery Capacity Calculation - Approval	30	20/10/18	18/11/18																		
E360	MD -FM200 System Design Calculation	60	22/11/18*	20/01/19																		

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					September					October					November				December	
					20	27	03	10	17	24	01	08	15	22	29	05	12	19	26	03
Vehicular Underpass																				
E370	Vehicular Underpass -Foam system design calculation	60	02/07/18 A	30/08/18 A																
E375	Vehicular Underpass -Foam system design calculation - Approval	30	31/08/18 A	29/09/18																
Section F - Building Services of Plumbing & Drainage System																				
Tunnel																				
F010	Oil Interceptor Calculation for tunnel	60	12/07/18 A	09/09/18 A																
F015	Oil Interceptor Calculation for tunnel - Approval	30	10/09/18 A	09/10/18																
F020	Water Storage Tank Calculation	60	16/10/18*	14/12/18																
F025	Water Storage Tank Calculation - Approval	30	15/12/18	13/01/19																
TCB																				
F030	TCB - Pump Head Calculation	60	13/10/18*	11/12/18																
F035	TCB - Pump Head Calculation - Approval	30	12/12/18	10/01/19																
F040	TCB - Pressure Vessel Calculation	60	13/10/18*	11/12/18																
F045	TCB - Pressure Vessel Calculation - Approval	30	12/12/18	10/01/19																
F050	TCB - Rainwater Analysis and Pipe Work Calculation	60	01/08/18 A	29/09/18																
F055	TCB - Rainwater Analysis and Pipe Work Calculation - Approval	30	30/09/18	29/10/18																
F065	TCB - Hydraulic Analysis of Waste Water Systems - Approval	30	01/08/18 A	30/08/18 A																
F070	TCB - Hot water system capacity calculation	60	08/08/18 A	06/10/18																
F075	TCB - Hot water system capacity calculation - Approval	30	07/10/18	05/11/18																
ADB																				
F080	ADB - Pump Head Calculation	60	09/11/18*	07/01/19																
F090	ADB - Pressure Vessel Calculation	60	09/11/18*	07/01/19																
F100	ADB - Rainwater Analysis and Pipe Work Calculation	60	07/10/18*	05/12/18																
F105	ADB - Rainwater Analysis and Pipe Work Calculation - Approval	30	06/12/18	04/01/19																
F110	ADB - Hydraulic Analysis of Waste Water Systems	60	08/08/18 A	06/10/18																
F115	ADB - Hydraulic Analysis of Waste Water Systems - Approval	30	07/10/18	05/11/18																
F120	ADB - Hot water system capacity calculation	60	08/08/18 A	06/10/18																
F125	ADB - Hot water system capacity calculation - Approval	30	07/10/18	05/11/18																
F130	ADB - Drainage Sump Pumps and Pump Pits Calculation	60	18/10/18*	16/12/18																
F135	ADB - Drainage Sump Pumps and Pump Pits Calculation - Approval	30	17/12/18	15/01/19																
NVB																				
F140	NVB - Pump Head Calculation	60	18/10/18*	16/12/18																

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					September				October				November				December			
					20	27	03	10	17	24	01	08	15	22	29	05	12	19	26	03
F145	NVB - Pump Head Calculation - Approval	30	17/12/18	15/01/19																
F150	NVB - Pressure Vessel Calculation	60	18/10/18*	16/12/18																
F155	NVB - Pressure Vessel Calculation - Approval	30	17/12/18	15/01/19																
F160	NVB - Rainwater Analysis and Pipe Work Calculation	60	16/08/18 A	14/10/18																
F165	NVB - Rainwater Analysis and Pipe Work Calculation - Approval	30	15/10/18	13/11/18																
F175	NVB - Hydraulic Analysis of Waste Water Systems - Approval	30	16/08/18 A	14/09/18 A																
MD																				
F310	MD - Drainage Sump Pumps and Pump Pits Calculation	60	19/12/18*	16/02/19																
F320	MD - Pump Head Calculation	60	19/12/18*	16/02/19																
F330	MD - Pressure Vessel Calculation	60	19/12/18*	16/02/19																
F340	MD - Rainwater Analysis and Pipe Work Calculation	60	09/11/18*	07/01/19																
F350	MD - Hydraulic Analysis of Waste Water Systems	60	10/09/18 A	08/11/18																
F355	MD - Hydraulic Analysis of Waste Water Systems - Approval	30	09/11/18	08/12/18																
Vehicular Underpass																				
F360	Vehicular underpass - Drainage Sump Pumps and Pump Pits Calculation	60	18/11/18*	16/01/19																
F370	Vehicular underpass - Pump Head Calculation	60	18/11/18*	16/01/19																
F380	Vehicular underpass - Pressure Vessel Calculation	60	18/11/18*	16/01/19																
F390	Vehicular underpass - Rainwater Analysis and Pipe Work Calculation	60	30/10/18*	28/12/18																
F400	Vehicular underpass - Hydraulic Analysis of Waste Water Systems	60	31/08/18 A	29/10/18																
F405	Vehicular underpass - Hydraulic Analysis of Waste Water Systems - Approval	30	30/10/18	28/11/18																
Section G - ELV System																				
G015	System Design for Toll Control system - Approval	30	01/08/18 A	30/08/18 A																
G020	System Design for CMCS	60	02/09/18 A	31/10/18																
G025	System Design for CMCS - Approval	30	01/11/18*	30/11/18																
G030	System Design for Access Control System	60	02/09/18 A	31/10/18																
G035	System Design for Access Control System - Approval	30	01/11/18*	30/11/18																
G040	System Design for CCTV	60	04/10/18*	02/12/18																
G045	System Design for CCTV - Approval	30	03/12/18*	01/01/19																
G050	System Design for IT System	60	01/09/18 A	30/10/18																
G055	System Design for IT System - Approval	30	31/10/18*	29/11/18																
G060	System Design for PABX System	60	15/09/18 A	13/11/18																

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					September				October				November				December						
					20	27	03	10	17	24	01	08	15	22	29	05	12	19	26	03	10	17	
G065	System Design for PABX System - Approval	30	14/11/18*	13/12/18																			
G070	System Design for PA System	60	15/09/18 A	13/11/18																			
G075	System Design for PA System - Approval	30	14/11/18*	13/12/18																			
G080	System Design for BRI System	60	15/09/18 A	13/11/18																			
G085	System Design for BRI System - Approval	30	14/11/18*	13/12/18																			
G090	System Design for Audio Recording System	60	15/09/18 A	13/11/18																			
G095	System Design for Audio Recording System - Approval	30	14/11/18*	13/12/18																			
G100	System Design for Communication Network System System	60	15/09/18 A	13/11/18																			
G105	System Design for Communication Network System System - Approval	30	14/11/18*	13/12/18																			
G110	System Design for Building Management System	60	24/10/18*	22/12/18																			
Section H - Building Services of Lift system																							
H015	System Design for Lift System - Approval	30	31/07/18 A	29/08/18 A																			
Key Date 4A - FSD Building Substructure, Boundary Wall, and C&ED Building Substructure																							
FSD Building Substructure																							
FSD100	Access Portion XVIa	0		14/09/18 A																			
C&ED Building Substructure																							
CED110	Access Portion XVa	0		14/09/18 A																			
CED140	Predrilling (No.1-6)	10	12/12/18	22/12/18																			
Key Date 1 - Toll Control Building (TCB) & TCSS Provision																							
Toll Control Building (TCB)																							
TCB155	Ground Floor Slab - Rock Breaking for Subway Area	7	16/08/18 A	23/08/18 A																			
TCB156	Ground Floor Slab - Subway Area	6	24/08/18 A	12/09/18 A																			
TCB160	Remove G/F Slab Formwork	2	18/08/18 A	20/08/18 A																			
TCB161	Level 1 Columns & Scaffolding	10	21/08/18 A	31/08/18 A																			
TCB162	Level 1 Slab	12	01/09/18 A	03/10/18																			
TCB171	Remove 1/F Slab Formwork	2	04/10/18	05/10/18																			
TCB172	Level 2 Columns & Scaffolding	10	06/10/18	18/10/18																			
TCB173	Level 2 Slab	12	19/10/18	01/11/18																			
TCB174	Remove 2/F Slab Formwork	2	02/11/18	03/11/18																			
TCB175	Roof Columns & Scaffolding	10	05/11/18	15/11/18																			
TCB180	Roof Slab	12	16/11/18	29/11/18																			

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					September					October				November			December						
					20	27	03	10	17	24	01	08	15	22	29	05	12	19	26	03	10	17	
TCB190	Top Roof	12	16/11/18	29/11/18																			
TCSS Provision																							
TCB200	Blockwork Walls and Plaster (G/F)	12	19/10/18	01/11/18																			
TCB210	ABWF Works to enable TCSS installation	90	11/12/18	02/04/19																			
TCB231	Blockwork Walls and Plaster (1/F - East Side)	12	02/11/18	15/11/18																			
TCB232	Blockwork Walls and Plaster (1/F - Middle Area)	12	16/11/18	29/11/18																			
TCB233	Blockwork Walls and Plaster (1/F - West Side)	12	30/11/18	13/12/18																			
TCB243	Blockwork Walls and Plaster (2/F - East Side)	12	14/12/18	31/12/18																			
Key Date 2 - Administration Building, Maintenance Depot, Kiosk N2, TCSS Provision																							
Administration Building (ADB)																							
Piling Works																							
ADB141	Socket H-Piling (No. 6-10) - 1Rig	12	07/08/18 A	20/08/18 A																			
ADB142	Socket H-Piling (No. 11-15) - 1Rig	12	21/08/18 A	03/09/18 A																			
ADB143	Socket H-Piling (No. 16-20) - 1Rig	12	04/09/18 A	17/09/18 A																			
ADB144	Socket H-Piling (No. 21-25) - 1Rig	12	18/09/18 A	03/10/18																			
ADB145	Socket H-Piling (No.26-30) - 1Rig	12	04/10/18	18/10/18																			
ADB146	Socket H-Piling (No. 31-36) - 1Rig	12	19/10/18	01/11/18																			
ADB147	Socket H-Piling (No.37-42) - 1Rig	12	02/11/18	15/11/18																			
ADB148	Socket H-Piling (No. 43-49) - 1Rig	12	16/11/18	29/11/18																			
ADB150	Loading Test	14	30/11/18	15/12/18																			
Building Structure																							
ADB160	Foundations	12	17/12/18	03/01/19																			
Maintenance Depot																							
Piling Works																							
MD121	Predrilling (11-20)	10	18/08/18 A	15/09/18 A																			
MD130	Socket H-Piling (No. 1-16), 2 Rigs	12	15/09/18 A	29/09/18																			
MD131	Socket H-Piling (No. 17-33), 2 Rigs	12	02/10/18	15/10/18																			
MD140	Setting Up for Loading Test	7	16/10/18	24/10/18																			
MD141	Loading Test and Report	7	25/10/18	01/11/18																			
Depot Structure																							
MD150	Foundations	10	02/11/18	13/11/18																			
MD160	Ground Floor	14	14/11/18	29/11/18																			

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					September				October				November					
					20	27	03	10	17	24	01	08	15	22	29	05	12	19
MD170	Roof Slab	24	30/11/18	31/12/18														
Kiosk N2																		
N2-110	Possess Portion Ve	0		15/09/18 A														
N2-120	Site clearance & trial pits	6	20/09/18	27/09/18														
N2-125	Excavation	6	28/09/18	05/10/18														
N2-126	Kiosk Structure - Raft	12	06/10/18	20/10/18														
N2-127	Kiosk Structure - Wall	12	22/10/18	03/11/18														
N2-128	Kiosk Structure - Roof	12	05/11/18	17/11/18														
N2-130	ABWF Works to enable TCSS installation	18	19/11/18	08/12/18														
N2-140	E&M Works to enable TCSS installation	18	10/12/18	03/01/19														
Key Date 6 - E&M Works for Administration Building, Maintenance Depot, North Vent Building, Kiosk N2																		
E&M Works for North Ventilation Building																		
E&M Works																		
ENVB1	E&M Installation - B2/F	150	01/11/18*	08/05/19														
ENVB1	E&M Installation - B1/F	150	03/12/18	10/06/19														
Remaining E&M Works for Kiosk N2 (Structure Completed under KD2)																		
EN2110	Kiosk Structure Completed	0		17/11/18														
EN2120	ABWF Works (Door, windows, tiles)	30	19/11/18	22/12/18														
Key Date 5 - E&M Works for TCB, Toll Area, Kiosk N1, Underpass, Plant Rm, and Approach Roads																		
E&M Works for TCB																		
ETCB11	First Floor Completed at TCB with Scaffolding Removed	0		18/10/18														
ETCB11	Remaining Blockwork Walls and Plaster (G/F)	12	19/10/18	01/11/18														
ETCB12	Blockwork Walls and Plaster (1/F)	12	02/11/18	15/11/18														
ETCB12	Remaining Blockwork Walls	12	16/11/18	29/11/18														
ETCB12	Remaining Plaster	12	30/11/18	13/12/18														
ETCB13	Remaining ABWF Works	210	30/11/18	17/08/19														
Power On and Statutory Inspections (except FSD)																		
ETCB1	Liaison with CLP	12	19/10/18	01/11/18														
ETCB1	E&M Installation in Transformer Room - 1st Fix	12	02/11/18	15/11/18														
ETCB1	E&M Installation in Transformer Room - 2nd Fix	12	16/11/18	29/11/18														
ETCB2	CLP Installation Works	82	30/11/18	13/03/19														
Kiosk N1																		

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					September					October				November				December			
					20	27	03	10	17	24	01	08	15	22	29	05	12	19	26	03	10
EN131	Trim Formation	2	20/08/18 A	21/08/18 A																	
EN132	Cast Concrete Base	6	22/08/18 A	28/08/18 A																	
EN133	Steel Structure - Columns	11	29/08/18 A	10/09/18 A																	
EN134	Steel Structure - Roof	11	11/09/18 A	22/09/18																	
EN135	Steel Structure - Panels	12	24/09/18	09/10/18																	
EN140	ABWF Works - 1st Fix	12	10/10/18	24/10/18																	
EN150	E&M works - Stage 1	12	25/10/18	07/11/18																	
EN151	E&M works - Stage 2	12	08/11/18	21/11/18																	
EN152	E&M works - Stage 3	12	22/11/18	05/12/18																	
EN155	ABWF Works - Final Fix	12	06/12/18	19/12/18																	
Plant Room																					
E&M Works																					
EPR120	Blockwork Wall	12	20/08/18 A	01/09/18 A																	
EPR130	E&M Installation	90	10/12/18	01/04/19																	
PR151	ABWF Works	78	01/11/18*	04/02/19																	
Key Date 7A - E&M Works for Approach Roads at South Side																					
Design and Procurement																					
DP810	Tunnel and Approach Road Lighting System	206	01/11/18*	15/07/19																	
DP820	CMCS System and ELV System	206	01/11/18*	15/07/19																	
DP830	Electrical System	206	01/11/18*	15/07/19																	
DP840	Building Services System	206	01/11/18*	15/07/19																	
DP850	Plumbing and Drainage System (Tunnel and Roads)	206	01/11/18*	15/07/19																	
DP860	Fire Services System	206	01/11/18*	15/07/19																	
DP870	Other Related Works to enable E&M Works	206	01/11/18*	15/07/19																	
Key Date 11 - Landscape Soft Works & Trees Protection																					
Trees Protection																					
SL190	Protection of Existing Trees	613	06/08/18 A	28/08/20																	

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