

ID	Activity	Days	Start	Finish	2018														
					July					August					September				
					25	02	09	16	23	30	06	13	20	27	03	10	17		
Three Monthly Programme 20/06/18 - 20/09/18																			
Contract Dates																			
Portion Access Dates																			
P140	Access to Portion XI (Day 56)	0	01/07/18		◆														
P150	Access to Portion XX (Day 56)	0	01/07/18		◆														
P160	Access to Portion IX (Day 56)	0	01/07/18		◆														
Portion Possession Dates																			
P120	Possession to Portion VIII (Day 25)	0	31/05/18 A																
P130	Possession to Portion XIV (Day 46)	0	21/06/18																
P145	Possession to Portion WA6 (Day 91)	0	05/08/18							◆									
P185	Possession to Portion Ve (Day 132)	0	15/09/18														◆		
P195	Possession to Portion XIII (16 Sep 2018)	0	16/09/18*														◆		
General Procurement																			
P1010	Submit and Approval of Major Material	26	07/05/18 A	06/06/18 A															
P1020	Concrete Material	50	07/06/18 A	06/08/18	■														
P1030	Rebar Material	50	07/06/18 A	06/08/18	■														
P1040	Steelfixer	50	07/06/18 A	06/08/18	■														
P1050	Formwork Falsework Erector	50	07/06/18 A	06/08/18	■														
P1060	ABWF Material	70	07/06/18 A	29/08/18	■														
P1070	ABWF Erector	70	07/06/18 A	29/08/18	■														
P1080	Cladding	70	07/06/18 A	29/08/18	■														
Method Statements																			
Plant Room																			
MS1010	Prepare & Submit MS for Plant Room (Civil)	24	07/05/18 A	04/06/18 A															
MS1020	ICE & ER Approval of MS for Plant Room (Civil)	12	05/06/18 A	19/06/18 A															
MS1150	Prepare & Submit MS for Plant Room (E&M)	24	20/06/18	18/07/18	■														
MS1160	ICE & ER Approval of MS for Plant Room (E&M)	12	19/07/18	01/08/18						■									
Toll Control Building																			
MS1030	Prepare & Submit MS for Toll Control Building (Civil)	14	07/05/18 A	23/05/18 A															
MS1040	ICE & ER Approval of MS for Toll Control Building (Civil)	12	24/05/18 A	06/06/18 A															
MS1170	Prepare & Submit MS for Toll Control Building (E&M)	14	07/06/18 A	13/06/18 A															

THREE MONTHLY ROLLING PROGRAMME

20/06/18 - 20/09/18



For Contract No. HY/2017/10 Northern Connection Tunnel Buildings, E&M

P1	Date	Revision	Checked	Approved
	20/06/18			

ID	Activity	Days	Start	Finish	2018																		
					July					August					September								
					25	02	09	16	23	30	06	13	20	27	03	10	17						
MS1180	ICE & ER Approval of MS for Toll Control Building (E&M)	12	14/06/18 A	23/06/18																			
Administration Building																							
MS1050	Prepare & Submit MS for Administration Building (Civil)	24	07/05/18 A	04/06/18 A																			
MS1060	ICE & ER Approval of MS for Administration Building (Civil)	12	05/06/18 A	19/06/18 A																			
MS1190	Prepare & Submit MS for Administration Building (E&M)	24	20/06/18	18/07/18																			
MS1200	ICE & ER Approval of MS for Administration Building (E&M)	12	19/07/18	01/08/18																			
Maintenance Depot																							
MS1070	Prepare & Submit MS for Maintenance Depot (Civil)	24	24/05/18 A	21/06/18																			
MS1080	ICE & ER Approval of MS for Maintenance Depot (Civil)	12	22/06/18	06/07/18																			
MS1210	Prepare & Submit MS for Maintenance Depot (E&M)	24	07/07/18	03/08/18																			
MS1220	ICE & ER Approval of MS for Maintenance Depot (E&M)	12	04/08/18	17/08/18																			
Custom & Excise Department Building																							
MS1090	Prepare & Submit MS for C&ED Building (Civil)	24	22/06/18	20/07/18																			
MS1100	ICE & ER Approval of MS for C&ED Building (Civil)	12	21/07/18	03/08/18																			
MS1230	Prepare & Submit MS for C&ED Building (E&M)	24	04/08/18	31/08/18																			
MS1240	ICE & ER Approval of MS for C&ED Building (E&M)	12	01/09/18	14/09/18																			
Fire Services Department Building																							
MS1110	Prepare & Submit MS for Fire Services Building (Civil)	24	21/07/18	17/08/18																			
MS1120	ICE & ER Approval of MS for Fire Services Building (Civil)	12	18/08/18	31/08/18																			
MS1250	Prepare & Submit MS for Fire Services Building (E&M)	24	01/09/18	29/09/18																			
Satellite Control Building																							
MS1130	Prepare & Submit MS for Satellite Control Building (Civil)	24	18/08/18	14/09/18																			
MS1140	ICE & ER Approval of MS for Satellite Control Building (Civil)	12	15/09/18	29/09/18																			
General Submission (First Submission)																							
GS110	Prepare & Submit Subcontractor Management Plan	17	07/05/18 A	23/05/18 A																			
GS120	Prepare & Submit Environmental Management Plan	32	07/05/18 A	07/06/18 A																			
GS130	Prepare & Submit Safety Management Plan	22	07/05/18 A	28/05/18 A																			
E&M Design																							
Section A - Tunnel Ventilation System																							
A010	Design Proposal of Tunnel Ventilation System	60	18/08/18*	16/10/18																			
A040	TVS -Smoke Extraction Fan Static Calculation for Service Gallery	60	13/09/18*	11/11/18																			

THREE MONTHLY ROLLING PROGRAMME

20/06/18 - 20/09/18

P2	Date	Revision	Checked	Approved
	20/06/18			



For Contract No. HY/2017/10 Northern Connection Tunnel Buildings, E&M

ID	Activity	Days	Start	Finish	2018											
					July					August				September		
					25	02	09	16	23	30	06	13	20	27	03	10
A050	Jet Fan Static Calculation for Vehicle Underpass	60	13/05/18 A	11/07/18	[Gantt bar from 13/05 to 11/07]											
A055	Jet Fan Static Calculation for Vehicle Underpass - Approval	28	12/07/18	08/08/18	[Gantt bar from 12/07 to 08/08]											
A060	Pressurization Fan Static Calculation for Vehicle Underpass	60	22/08/18*	20/10/18	[Gantt bar from 22/08 to 20/10]											
A080	TVS -Design Proposal including the Smoke Extraction Strategy	60	13/09/18*	11/11/18	[Gantt bar from 13/09 to 11/11]											
A090	TVS -Control Logic Review with FSD	60	13/09/18*	11/11/18	[Gantt bar from 13/09 to 11/11]											
Section B - Tunnel Lighting and Road Lighting System																
B010	Design Proposal of Tunnel Lighting System (TLS)	60	04/08/18*	02/10/18	[Gantt bar from 04/08 to 02/10]											
B020	Tunnel lighting control	60	08/09/18*	06/11/18	[Gantt bar from 08/09 to 06/11]											
B030	TLS -Lux Calculation	60	08/09/18*	06/11/18	[Gantt bar from 08/09 to 06/11]											
B040	TLS -Structure support design calculation for tunnel lighting	60	08/09/18*	06/11/18	[Gantt bar from 08/09 to 06/11]											
Section C - Building Services of MVAC System																
TCB																
C012	TCB -AC Cooling Capacity Calculation	60	31/07/18*	28/09/18	[Gantt bar from 31/07 to 28/09]											
C020	TCB -AHU/PAU Static Pressure Calculation	60	02/07/18*	30/08/18	[Gantt bar from 02/07 to 30/08]											
C025	TCB -AHU/PAU Static Pressure Calculation - Approval	28	31/08/18	27/09/18	[Gantt bar from 31/08 to 27/09]											
C040	TCB -Mechanical Ventilation Capacity Calculation	60	17/06/18 A	15/08/18	[Gantt bar from 17/06 to 15/08]											
C045	TCB -Mechanical Ventilation Capacity Calculation - Approval	28	16/08/18	12/09/18	[Gantt bar from 16/08 to 12/09]											
C050	TCB -Fan Static Pressure Calculation	60	29/07/18*	26/09/18	[Gantt bar from 29/07 to 26/09]											
ADB																
C070	ADB -AC Cooling Capacity Calculation	60	24/06/18*	22/08/18	[Gantt bar from 24/06 to 22/08]											
C075	ADB -AC Cooling Capacity Calculation - Approval	28	23/08/18	19/09/18	[Gantt bar from 23/08 to 19/09]											
C080	ADB -AHU/PAU Static Pressure Calculation	60	07/09/18*	05/11/18	[Gantt bar from 07/09 to 05/11]											
C090	ADB -Pump head calculation	60	27/08/18*	25/10/18	[Gantt bar from 27/08 to 25/10]											
C100	ADB -Mechanical Ventilation Capacity Calculation	60	26/07/18*	23/09/18	[Gantt bar from 26/07 to 23/09]											
C110	ADB -Fan Static Pressure Calculation	60	06/09/18*	04/11/18	[Gantt bar from 06/09 to 04/11]											
NVB																
C130	NVB -AC Cooling Capacity Calculation	60	13/09/18*	11/11/18	[Gantt bar from 13/09 to 11/11]											
C140	NVB -Mechanical Ventilation Capacity Calculation	60	13/09/18*	11/11/18	[Gantt bar from 13/09 to 11/11]											
C160	NVB -Acoustic Performance Calculation	60	17/09/18*	15/11/18	[Gantt bar from 17/09 to 15/11]											
C180	NVB -Staircase Pressurization System Calculation	60	13/09/18*	11/11/18	[Gantt bar from 13/09 to 11/11]											
MD																

THREE MONTHLY ROLLING PROGRAMME

20/06/18 - 20/09/18

P3	Date	Revision	Checked	Approved
	20/06/18			



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For Contract No. HY/2017/10 Northern Connection Tunnel Buildings, E&M

ID	Activity	Days	Start	Finish	2018													
					July					August				September				
					25	02	09	16	23	30	06	13	20	27	03	10	17	
TCB150	Ground Floor Slab - Formwork	12	10/07/18	23/07/18														
TCB152	Ground Floor Slab - Rebar	12	19/07/18	01/08/18														
TCB154	Ground Floor Slab - Concrete	2	02/08/18	03/08/18														
TCB160	Level 1 Slab - Remove G/F Slab Formwork	2	04/08/18	06/08/18														
TCB161	Level 1 Columns & Scaffolding	10	07/08/18	17/08/18														
TCB162	Level 1 Slab	12	18/08/18	31/08/18														
TCB171	Level 2 Slab - Remove 1/F Slab Formwork	2	01/09/18	03/09/18														
TCB172	Level 2 Columns & Scaffolding	10	04/09/18	14/09/18														
TCB173	Level 2 Slab	12	15/09/18	29/09/18														
TCSS Provision																		
TCB200	Blockwork Walls and Plaster (G/F)	12	15/09/18	29/09/18														
Key Date 4 - E&M Works in Vehicular Underpass Area & TCSS Provision																		
E&M Works																		
VU110	Access Portion XI	0		01/07/18														
Key Date 2 - Administration Building, Maintenance Depot, Kiosk N2, TCSS Provision																		
Administration Building (ADB)																		
Piling Works																		
ADB110	Possess Portion XIV	0		20/06/18 A														
ADB120	Predrilling (No 1-6)	7	21/06/18	28/06/18														
ADB121	Predrilling (No 7-12)	7	29/06/18	07/07/18														
ADB122	Predrilling (No 13-18)	7	09/07/18	16/07/18														
ADB140	Socket H-Piling (No. 1-5) - 1Rig	12	17/07/18	30/07/18														
ADB141	Socket H-Piling (No. 6-10) - 1Rig	12	31/07/18	13/08/18														
ADB142	Socket H-Piling (No. 11-15) - 1Rig	12	14/08/18	27/08/18														
ADB143	Socket H-Piling (No. 16-20) - 1Rig	12	28/08/18	10/09/18														
ADB144	Socket H-Piling (No. 21-25) - 1Rig	12	11/09/18	24/09/18														
Maintenance Depot																		
Piling Works																		
MD110	Possess Portion XIII	0		16/09/18														
MD120	Predrilling (1-10)	10	17/09/18	28/09/18														
Kiosk N2																		

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P8	Date	Revision	Checked	Approved
	20/06/18			



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For Contract No. HY/2017/10 Northern Connection Tunnel Buildings, E&M

