

Appendix B

Construction Programme

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019				
							Jun	Jul	Aug	Sep	
HY2017/10 - Works Programme Three Month Rolling Programme of 20-Jun-19											
Contract Dates											
Key Dates											
KD01	KD01 - Toll Control Bldg & TCSS Provision	0	100%	0	31-May-19		◆				
KD02	KD02 - Admin Bldg, Maintenance Depot, Kiosk N2, & TCSS Provision	0	0%	0	28-Aug-19*					◆	
KD04	KD04 - Underpass/Roundabout Area & TCSS Provision	0	0%	0	30-Jul-19*			◆			
Portion Access Dates											
P2010	Access to Portion VII SVB Basement BL1	0	0%	0	30-Jun-19			◆			
P2020	Access to Portion VII SVB G/F	0	0%	0	31-Jul-19				◆		
P2030	Access to Portion VII SVB 1/F	0	0%	0	30-Aug-19					◆	
P320	Access to Portion III (Day 437)	0	0%	0	17-Jul-19			◆			
Portion Possession Dates											
P270	Possession to Portion XIX (Day 390)	0	0%	0	20-Jun-19		◆				
P285	Possession to Portion XI (Day 390)	0	0%	0	20-Jun-19		◆				
P290	Possession to Portion XXIIa (Day 390)	0	0%	0	20-Jun-19		◆				
P295	Possession to Portion IX (Day 390)	0	0%	0	20-Jun-19		◆				
P300	Possession to Portion XXIIb (Day 390)	0	0%	0	20-Jun-19		◆				
P305	Possession to Portion X (Day 390)	0	0%	0	20-Jun-19		◆				
P315	Possession to Portion XXIIc (Day 390)	0	0%	0	20-Jun-19		◆				
P325	Possession to Portion XXII (Day 483)	0	0%	0	01-Sep-19					◆	
P335	Possession to Portion XXIII (Day 483)	0	0%	0	01-Sep-19					◆	
P345	Possession to Portion VIb (Day 483)	0	0%	0	01-Sep-19					◆	
Major Design Submission & Approval											
Toll Control Building											
MVAC System											
TCB-EMD1095	Authorities Review and Comment of AHU/PAU Static Pressure Calculation	56	50%	28	23-Aug-18 A	23-Jul-19	[Gantt bar: blue from Jun 20 to Jul 23, green from Jul 23 to Jul 23]				
TCB-EMD1115	Authorities Review and Comment of MVAC Pump head calculation	56	50%	28	23-Aug-18 A	23-Jul-19	[Gantt bar: blue from Jun 20 to Jul 23, green from Jul 23 to Jul 23]				
Electrical System											
TCB-EMD1015	Authorities Review and Comment of UPS and Battery Capacity Calculations	56	50%	28	22-Aug-18 A	23-Jul-19	[Gantt bar: blue from Jun 20 to Jul 23, green from Jul 23 to Jul 23]				
TCB-EMD1055	Authorities Review and Comment of Generator Calculation	56	50%	28	15-Aug-18 A	23-Jul-19	[Gantt bar: blue from Jun 20 to Jul 23, green from Jul 23 to Jul 23]				
TCB-EMD1305	Submission of System Design of PV System	0	100%	0	28-May-19 A		◆				
TCB-EMD1315	ER Review and Comment of System Design of PV System	26	100%	0	28-May-19 A	10-Jun-19 A	[Gantt bar: blue from Jun 20 to Jun 28]				
TCB-EMD1325	Preparation and Resubmission of System Design of PV System	26	50%	13	11-Jun-19 A	05-Jul-19	[Gantt bar: blue from Jun 20 to Jul 05, red from Jun 28 to Jul 05]				
TCB-EMD1335	ER Review and Approval of System Design of PV System	13	0%	13	06-Jul-19	20-Jul-19	[Gantt bar: red from Jul 06 to Jul 20]				
TCB-EMD1345	Authorities Review and Comment of PV System	56	50%	28	28-May-19 A	23-Jul-19	[Gantt bar: blue from Jun 20 to Jul 23, green from Jul 23 to Jul 23]				
Fire Service System											
TCB-EMD1175	Authorities Review and Comment of FS Pump Head Calculation	56	50%	28	01-Aug-18 A	23-Jul-19	[Gantt bar: blue from Jun 20 to Jul 23, green from Jul 23 to Jul 23]				
TCB-EMD1195	Authorities Review and Comment of Sprinkler Pump Head Calculation	56	50%	28	14-Aug-18 A	23-Jul-19	[Gantt bar: blue from Jun 20 to Jul 23, green from Jul 23 to Jul 23]				
TCB-EMD1215	Authorities Review and Comment of FM200 System Design Calculation	56	50%	28	13-Aug-18 A	23-Jul-19	[Gantt bar: blue from Jun 20 to Jul 23, green from Jul 23 to Jul 23]				
Plumbing & Drainage System											
TCB-EMD1235	Authorities Review and Comment of Pump Head Calculation	56	50%	28	07-Aug-18 A	23-Jul-19	[Gantt bar: blue from Jun 20 to Jul 23, green from Jul 23 to Jul 23]				
TCB-EMD1275	Authorities Review and Comment of Hot water system capacity calculation	56	50%	28	07-Aug-18 A	23-Jul-19	[Gantt bar: blue from Jun 20 to Jul 23, green from Jul 23 to Jul 23]				
TCB-EMD1395	Authorities Review and Comment of Drainage Sump Pumps and Pump Pits Calculation	56	50%	28	23-Jul-18 A	23-Jul-19	[Gantt bar: blue from Jun 20 to Jul 23, green from Jul 23 to Jul 23]				
Administration Building											
MVAC System											
ADB-EMD1015	Authorities Review and Comment of AC Cooling Capacity Calculation	56	50%	28	17-Aug-18 A	23-Jul-19	[Gantt bar: blue from Jun 20 to Jul 23, green from Jul 23 to Jul 23]				
ADB-EMD1035	Authorities Review and Comment of AHU/PAU Static Pressure Calculation	56	50%	28	08-Oct-18 A	23-Jul-19	[Gantt bar: blue from Jun 20 to Jul 23, green from Jul 23 to Jul 23]				
ADB-EMD1055	Authorities Review and Comment of Pump head calculation	56	50%	28	07-Nov-18 A	23-Jul-19	[Gantt bar: blue from Jun 20 to Jul 23, green from Jul 23 to Jul 23]				

CONTRACT NO. HY2017/10
NORTHERN TUNNEL CONNECTION BUILDING E&M WORKS
THREE MONTHLY PROGRAMME AS OF 20 JUN 2019

P 1/25

Date	Revision	Checked	Approved
20-Jun-19			

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019			
							Jun	Jul	Aug	Sep
ADB-EMD1075	Authorities Review and Comment of Mechanical Ventilation Capacity Calculation	56	50%	28	17-Aug-18 A	23-Jul-19				
Electrical System										
ADB-EMD1115	Authorities Review and Comment of Electrical Loading Demand Calculation	56	50%	28	27-Aug-18 A	23-Jul-19				
ADB-EMD1135	Authorities Review and Comment of Generator Calculation	56	50%	28	09-Aug-18 A	23-Jul-19				
ADB-EMD1305	Submission of System Design of PV System	0	100%	0	28-May-19 A					
ADB-EMD1315	ER Review and Comment of System Design of PV System	26	100%	0	28-May-19 A	10-Jun-19 A				
ADB-EMD1325	Preparation and Resubmission of System Design of PV System	26	50%	13	11-Jun-19 A	05-Jul-19				
ADB-EMD1335	ER Review and Approval of System Design of PV System	13	0%	13	06-Jul-19	20-Jul-19				
ADB-EMD1345	Authorities Review and Comment of System Design of PV System	56	50%	28	28-May-19 A	23-Jul-19				
Fire Service System										
ADB-EMD1155	Authorities Review and Comment of FS Pump Head Calculation	56	50%	28	13-Aug-18 A	23-Jul-19				
ADB-EMD1175	Authorities Review and Comment of Sprinkler Pump Head Calculation	56	50%	28	13-Aug-18 A	23-Jul-19				
ADB-EMD1195	Authorities Review and Comment of FM200 System Design Calculation	56	50%	28	13-Aug-18 A	23-Jul-19				
Plumbing & Drainage System										
ADB-EMD1215	Authorities Review and Comment of Pump Head Calculation	56	50%	28	25-Aug-18 A	23-Jul-19				
ADB-EMD1235	Authorities Review and Comment of Pressure Vessel Calculation	56	50%	28	25-Aug-18 A	23-Jul-19				
ADB-EMD1255	Authorities Review and Comment of Hot water system capacity calculation	56	50%	28	25-Aug-18 A	23-Jul-19				
North Ventilation Building										
MVAC System										
NVB-EMD1035	Authorities Review and Comment of Mechanical Ventilation Capacity Calculation	56	50%	28	26-Sep-18 A	23-Jul-19				
Electrical System										
NVB-EMD1055	Authorities Review and Comment of HV Electrical Loading Calculation	56	50%	28	26-Sep-18 A	23-Jul-19				
NVB-EMD1075	Authorities Review and Comment of UPS and Battery Capacity Calculations	56	50%	28	17-Aug-18 A	23-Jul-19				
NVB-EMD1095	Authorities Review and Comment of Electrical Loading Demand Calculation	56	50%	28	03-Sep-18 A	23-Jul-19				
NVB-EMD1115	Authorities Review and Comment of Generator Calculation	56	50%	28	17-Aug-18 A	23-Jul-19				
Fire Service System										
NVB-EMD1135	Authorities Review and Comment of FS Pump Head Calculation	56	50%	28	01-Aug-18 A	23-Jul-19				
NVB-EMD1155	Authorities Review and Comment of Sprinkler Pump Head Calculation	56	50%	28	14-Aug-18 A	23-Jul-19				
NVB-EMD1175	Authorities Review and Comment of FM200 System Design Calculation	28	50%	14	13-Aug-18 A	06-Jul-19				
Plumbing & Drainage System										
NVB-EMD1305	Authorities Review and Comment of Drainage Sump Pumps and Pump Pits Calculation	56	50%	28	07-Aug-18 A	23-Jul-19				
Maintenance Depot										
MVAC System										
MD-EMD1015	Authorities Review and Comment of AC Cooling Capacity Calculation	56	50%	28	17-Aug-18 A	23-Jul-19				
Electrical System										
MD-EMD1075	Authorities Review and Comment of Electrical Loading Demand Calculation	56	50%	28	27-Aug-18 A	23-Jul-19				
MD-EMD1095	Authorities Review and Comment of Generator Calculation	56	50%	28	06-Oct-18 A	23-Jul-19				
Fire Service System										
MD-EMD1115	Authorities Review and Comment of FS Pump Head Calculation	56	50%	28	14-Aug-18 A	23-Jul-19				
MD-EMD1135	Authorities Review and Comment of Sprinkler Pump Head Calculation	56	50%	28	14-Aug-18 A	23-Jul-19				
MD-EMD1155	Authorities Review and Comment of FM200 System Design Calculation	56	50%	28	14-Aug-18 A	23-Jul-19				
Plumbing & Drainage System										
MD-EMD1175	Authorities Review and Comment of Pump Head Calculation	56	50%	28	13-Aug-18 A	23-Jul-19				
MD-EMD1195	Authorities Review and Comment of Pressure Vessel Calculation	56	50%	28	13-Aug-18 A	23-Jul-19				
MD-EMD1215	Authorities Review and Comment of Drainage Sump Pumps and Pump Pits Calculation	56	50%	28	27-Aug-18 A	23-Jul-19				
Satellite Control Building										
MVAC System										
SCB-EMD1015	Authorities Review and Comment of AC Cooling Capacity Calculation	56	50%	28	17-Aug-18 A	23-Jul-19				

CONTRACT NO. HY2017/10
NORTHERN TUNNEL CONNECTION BUILDING E&M WORKS
THREE MONTHLY PROGRAMME AS OF 20 JUN 2019

P 2/25

Date	Revision	Checked	Approved
20-Jun-19			

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019			
							Jun	Jul	Aug	Sep
Electrical System										
SCB-EMD1055	Authorities Review and Comment of UPS and Battery Capacity Calculations	56	50%	28	05-Sep-18 A	23-Jul-19				
SCB-EMD1075	Authorities Review and Comment of Electrical Loading Demand Calculation	56	50%	28	01-Nov-18 A	23-Jul-19				
SCB-EMD1095	Authorities Review and Comment of Generator Calculation	56	50%	28	27-Nov-18 A	23-Jul-19				
Fire Service System										
SCB-EMD1115	Authorities Review and Comment of FS Pump Head Calculation	56	50%	28	14-Aug-18 A	23-Jul-19				
SCB-EMD1135	Authorities Review and Comment of Sprinkler Pump Head Calculation	56	50%	28	14-Aug-18 A	23-Jul-19				
SCB-EMD1155	Authorities Review and Comment of FM200 System Design Calculation	56	50%	28	14-Aug-18 A	23-Jul-19				
Plumbing & Drainage System										
SCB-EMD1285	Authorities Review and Comment of Pump Head Calculation	56	50%	28	27-Aug-18 A	23-Jul-19				
SCB-EMD1335	Authorities Review and Comment of Pressure Vessel Calculation	56	50%	28	27-Aug-18 A	23-Jul-19				
Custom & Excise Department Building										
Electrical System										
CEDB-EMD1015	Authorities Review and Comment of UPS and Battery Capacity Calculations	56	50%	28	01-Nov-18 A	23-Jul-19				
CEDB-EMD1035	Authorities Review and Comment of Electrical Loading Demand Calculation	56	50%	28	01-Nov-18 A	23-Jul-19				
CEDB-EMD1055	Authorities Review and Comment of Generator Calculation	56	50%	28	27-Nov-18 A	23-Jul-19				
Fire Service System										
CEDB-EMD1075	Authorities Review and Comment of FS Pump Head Calculation	56	50%	28	21-Dec-18 A	23-Jul-19				
CEDB-EMD1095	Authorities Review and Comment of Sprinkler Pump Head Calculation	56	50%	28	08-Oct-18 A	23-Jul-19				
Plumbing & Drainage System										
CEDB-EMD1135	Authorities Review and Comment of Pump Head Calculation	56	50%	28	07-Sep-18 A	23-Jul-19				
CEDB-EMD1155	Authorities Review and Comment of Pressure Vessel Calculation	56	50%	28	05-Sep-18 A	23-Jul-19				
Fire Services Department Building										
Electrical System										
FSDB-EMD1015	Authorities Review and Comment of UPS and Battery Capacity Calculations	56	50%	28	01-Nov-18 A	23-Jul-19				
FSDB-EMD1035	Authorities Review and Comment of Electrical Loading Demand Calculation	56	50%	28	01-Nov-18 A	23-Jul-19				
FSDB-EMD1055	Authorities Review and Comment of Generator Calculation	56	50%	28	27-Nov-18 A	23-Jul-19				
Fire Service System										
FSDB-EMD1075	Authorities Review and Comment of FS Pump Head Calculation	56	50%	28	07-Sep-18 A	23-Jul-19				
FSDB-EMD1095	Authorities Review and Comment of Sprinkler Pump Head Calculation	56	50%	28	07-Sep-18 A	23-Jul-19				
FSDB-EMD1205	Authorities Review and Comment of FM200 System Design Calculation	56	50%	28	07-Sep-18 A	23-Jul-19				
Plumbing & Drainage System										
FSDB-EMD1135	Authorities Review and Comment of Pump Head Calculation	56	50%	28	05-Sep-18 A	23-Jul-19				
FSDB-EMD1155	Authorities Review and Comment of Pressure Vessel Calculation	56	50%	28	05-Sep-18 A	23-Jul-19				
South Ventilation Building										
MVAC System										
SVB-EMD1015	Authorities Review and Comment of Staircase Pressurization System Calculation	56	50%	28	24-Jan-19 A	23-Jul-19				
SVB-EMD1035	Authorities Review and Comment of Mechanical Ventilation Capacity Calculation	56	50%	28	11-Sep-18 A	23-Jul-19				
Electrical System										
SVB-EMD1055	Authorities Review and Comment of HV Electrical Loading Calculation	56	50%	28	01-Nov-18 A	23-Jul-19				
SVB-EMD1095	Authorities Review and Comment of Electrical Loading Demand Calculation	56	50%	28	28-Nov-18 A	23-Jul-19				
SVB-EMD1115	Authorities Review and Comment of Generator Calculation	56	50%	28	07-Dec-18 A	23-Jul-19				
Fire Service System										
SVB-EMD1135	Authorities Review and Comment of FS Pump Head Calculation	56	50%	28	21-Dec-18 A	23-Jul-19				
SVB-EMD1155	Authorities Review and Comment of Sprinkler Pump Head Calculation	56	50%	28	21-Dec-18 A	23-Jul-19				
SVB-EMD1175	Authorities Review and Comment of FM200 System Design Calculation	56	50%	28	30-Nov-18 A	23-Jul-19				
Vehicular Underpass										
Fire Service System										

CONTRACT NO. HY2017/10
NORTHERN TUNNEL CONNECTION BUILDING E&M WORKS
THREE MONTHLY PROGRAMME AS OF 20 JUN 2019

P 3/25

Date	Revision	Checked	Approved
20-Jun-19			

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019			
							Jun	Jul	Aug	Sep
VU-EMD1025	Authorities Review and Comment of Foam system design calculation	56	50%	28	09-Aug-18 A	23-Jul-19				
Plumbing & Drainage System										
VU-EMD1045	Authorities Review and Comment of Pump Head Calculation	56	50%	28	27-Sep-18 A	23-Jul-19				
Tunnel Lighting System										
VU-EMD1145	Authorities Review and Comment of Design Proposal of Tunnel Lighting System (TLS)	56	50%	28	29-Aug-18 A	23-Jul-19				
VU-EMD1165	Authorities Review and Comment of Tunnel Lighting Lux Calculation	56	50%	28	31-Dec-18 A	23-Jul-19				
Tunnel										
Fire Service System										
TUN-EMD1035	Authorities Review and Comment of Foam system design calculation	56	50%	28	09-Aug-18 A	23-Jul-19				
TUN-EMD1115	Authorities Review and Comment of FS Pump Head Calculation	56	50%	28	11-Jan-19 A	23-Jul-19				
TUN-EMD1135	Authorities Review and Comment of Sprinkler Pump Head Calculation	56	50%	28	25-Jan-19 A	23-Jul-19				
Plumbing & Drainage System										
TUN-EMD1185	Authorities Review and Comment of Drainage Sump Pumps and Pump Pits Calculation	56	50%	28	27-Sep-18 A	23-Jul-19				
Tunnel Lighting System										
TUN-EMD1075	Authorities Review and Comment of Design Proposal of Tunnel Lighting System (TLS)	56	50%	28	29-Aug-18 A	23-Jul-19				
TUN-EMD1095	Authorities Review and Comment of Tunnel Lighting Lux Calculation	56	50%	28	31-Dec-18 A	23-Jul-19				
CCMS, TCS and ELV System										
ELV-EMD1015	Authorities Review and Comment of System Design for Toll Control system	56	50%	28	27-Jul-18 A	23-Jul-19				
ELV-EMD1035	Authorities Review and Comment of System Design for CMCS	56	50%	28	26-Sep-18 A	23-Jul-19				
ELV-EMD1055	Authorities Review and Comment of System Design for other ELV systems	56	50%	28	02-Oct-18 A	23-Jul-19				
Major Material Submission & Approval										
GEN-EMM1020	Authorities Review and Comment of Technical Info. - Miscellaneous 1st fix Materials/ Equipment	28	50%	14	31-May-18 A	06-Jul-19				
GEN-EMM1050	Authorities Review and Comment of Technical Info. - Miscellaneous 2nd fix Materials/ Equipment	28	50%	14	20-May-18 A	06-Jul-19				
GEN-EMM1080	Authorities Review and Comment of Technical Info. - Miscellaneous final fix Materials/ Equipment	28	50%	14	02-Jul-18 A	06-Jul-19				
MVAC System										
MVAC-EMM1015	Authorities Review and Comment of Technical Info. - Chiller	56	50%	28	14-Jun-18 A	23-Jul-19				
MVAC-EMM1035	Authorities Review and Comment of Technical Info. - Chilled Water Pump	56	50%	28	12-Jun-18 A	23-Jul-19				
MVAC-EMM1055	Authorities Review and Comment of Technical Info. - Cooling Tower	56	50%	28	11-Jun-18 A	23-Jul-19				
MVAC-EMM1075	Authorities Review and Comment of Technical Info. - Computer Room AC (CRAC) Unit	56	50%	28	19-Jul-18 A	23-Jul-19				
MVAC-EMM1095	Authorities Review and Comment of Technical Info. - AHU & PAU	56	50%	28	10-Sep-18 A	23-Jul-19				
MVAC-EMM1115	Authorities Review and Comment of Technical Info. - Staircase Pressurization Fan	56	50%	28	17-Jul-18 A	23-Jul-19				
Electrical System										
ELE-EMM1075	Authorities Review and Comment of Technical Info. - HV Cables	56	50%	28	17-Sep-18 A	23-Jul-19				
ELE-EMM1155	Authorities Review and Comment of Technical Info. - UPS and Battery	28	50%	14	26-Nov-18 A	06-Jul-19				
ELE-EMM1175	Authorities Review and Comment of Technical Info. - MCB & MCCB & Distribution Board	28	50%	14	04-Dec-18 A	06-Jul-19				
ELE-EMM1215	ER Review and Approval of Technical Info. - PV System	13	50%	7	04-Apr-19 A	27-Jun-19				
ELE-EMM1225	Authorities Review and Comment of Technical Info. - PV System	56	50%	28	05-Mar-19 A	23-Jul-19				
Fire Service System										
FS-EMM1015	Authorities Review and Comment of Technical Info. - FM200	56	50%	28	20-Aug-18 A	23-Jul-19				
FS-EMM1095	Authorities Review and Comment of Technical Info. - FR/ HR system	56	50%	28	24-Sep-18 A	23-Jul-19				
FS-EMM1115	Authorities Review and Comment of Technical Info. - Gas detection	56	50%	28	05-Dec-18 A	23-Jul-19				
Plumbing & Drainage System										
PD-EMM1015	Authorities Review and Comment of Technical Info. - Sump Pump	56	50%	28	25-Oct-18 A	23-Jul-19				
PD-EMM1035	Authorities Review and Comment of Technical Info. - Hot Water System	56	50%	28	11-Nov-18 A	23-Jul-19				
PD-EMM1055	Authorities Review and Comment of Technical Info. - LMCP (PD)	56	50%	28	16-Jan-19 A	23-Jul-19				
Tunnel Ventilation System										
TVS-EMM1035	Authorities Review and Comment of Technical Info. - Pressurization Fan	56	50%	28	19-Jul-18 A	23-Jul-19				
TVS-EMM1105	Authorities Review and Comment of Technical Info. - AQMS Equipment	56	50%	28	29-Oct-18 A	23-Jul-19				

CONTRACT NO. HY2017/10
NORTHERN TUNNEL CONNECTION BUILDING E&M WORKS
THREE MONTHLY PROGRAMME AS OF 20 JUN 2019

P 4/25

Date	Revision	Checked	Approved
20-Jun-19			

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019			
							Jun	Jul	Aug	Sep
TVS-EMM1155	Authorities Review and Comment of Technical Info. - MFSD	56	50%	28	26-Jul-18 A	23-Jul-19				
Tunnel and Road Lighting System										
TRLS-EMM1035	Authorities Review and Comment of Technical Info. - Road Lighting Fitting	56	50%	28	09-Oct-18 A	23-Jul-19				
CCMS, TCS and ELV System										
ELV-EMM1013	ER Review and Approval of Technical Info. - CMCS Equipment	40	85%	6	22-Jan-19 A	26-Jun-19				
ELV-EMM1020	Authorities Review and Comment of Technical Info. - CMCS Equipment	56	50%	28	09-Oct-18 A	23-Jul-19				
ELV-EMM1040	ER Review and Approval of Technical Info. - TCS Equipment	40	85%	6	28-Dec-18 A	26-Jun-19				
ELV-EMM1050	Authorities Review and Comment of Technical Info. - TCS Equipment	56	50%	28	09-Oct-18 A	23-Jul-19				
ELV-EMM1073	ER Review and Approval of Technical Info. - other ELV Equipment	40	85%	6	19-Mar-19 A	26-Jun-19				
ELV-EMM1080	Authorities Review and Comment of Technical Info. - other ELV Equipment	56	50%	28	15-Oct-18 A	23-Jul-19				
Drawing Submission & Approval										
Satellite Control Building										
Individual Shop Drawing										
SCB-ISD1010	ER Review and Comment of SCB ISD 1st batch	12	95%	1	11-Aug-18 A	20-Jun-19				
SCB-ISD1020	Preparation and Resubmission of SCB ISD 1st batch	12	95%	1	04-Jan-19 A	21-Jun-19				
SCB-ISD1030	ER Review and Approval of SCB ISD 1st batch	7	95%	0	04-Jan-19 A	21-Jun-19				
SCB-ISD1040	Authorities Review and Comment of SCB ISD 1st batch	28	50%	14	10-Aug-18 A	06-Jul-19				
SCB-ISD1060	ER Review and Comment of SCB ISD 2nd batch	12	95%	1	11-Aug-18 A	20-Jun-19				
SCB-ISD1070	Preparation and Resubmission of SCB ISD 2nd batch	12	95%	1	04-Jan-19 A	21-Jun-19				
SCB-ISD1080	ER Review and Approval of SCB ISD 2nd batch	7	95%	0	04-Jan-19 A	21-Jun-19				
SCB-ISD1090	Authorities Review and Comment of SCB ISD 2nd batch	28	50%	14	10-Aug-18 A	06-Jul-19				
Custom & Excise Department Building										
Individual Shop Drawing										
CEDB-ISD1040	Authorities Review and Comment of C&EDB ISD 1st batch	28	50%	14	06-Sep-18 A	06-Jul-19				
CEDB-ISD1090	Authorities Review and Comment of C&EDB ISD 2nd batch	28	50%	14	06-Sep-18 A	06-Jul-19				
South Ventilation Building										
Individual Shop Drawing										
SVB-ISD1030	ER Review and Approval of SVB ISD 1st batch	7	50%	4	08-Mar-19 A	24-Jun-19				
SVB-ISD1080	ER Review and Approval of SVB ISD 2nd batch	7	50%	4	08-Mar-19 A	24-Jun-19				
Structural, Electrical & Mechanical Drawing										
SVB-SEM2020	Preparation and Resubmission of SVB SEM	12	50%	6	10-Apr-19 A	26-Jun-19				
SVB-SEM2030	ER Review and Approval of SVB SEM	7	0%	7	27-Jun-19	05-Jul-19				
Tunnel										
Individual Shop Drawing										
TUN-ISD1060	ER Review and Comment of Tunnel ISD 2nd batch	30	85%	5	16-Aug-18 A	25-Jun-19				
TUN-ISD1070	Preparation and Resubmission of Tunnel ISD 2nd batch	30	85%	5	16-Feb-19 A	29-Jun-19				
TUN-ISD1080	ER Review and Approval of Tunnel ISD 2nd batch	15	85%	2	29-Aug-18 A	04-Jul-19				
TUN-ISD1090	Authorities Review and Comment of Tunnel ISD 2nd batch	28	50%	14	16-Aug-18 A	06-Jul-19				
TUN-ISD1110	ER Review and Comment of Tunnel ISD 3rd batch	30	0%	30	20-Jun-19	25-Jul-19				
TUN-ISD1120	Preparation and Resubmission of Tunnel ISD 3rd batch	30	0%	30	26-Jul-19	29-Aug-19				
TUN-ISD1130	ER Review and Approval of Tunnel ISD 3rd batch	15	0%	15	30-Aug-19	17-Sep-19				
TUN-ISD1140	Authorities Review and Comment of Tunnel ISD 3rd batch	28	50%	14	10-Dec-18 A	06-Jul-19				
TUN-ISD1160	ER Review and Comment of Tunnel ISD 4th batch	30	0%	30	20-Jun-19	25-Jul-19				
TUN-ISD1170	Preparation and Resubmission of Tunnel ISD 4th batch	30	0%	30	26-Jul-19	29-Aug-19				
TUN-ISD1180	ER Review and Approval of Tunnel ISD 4th batch	15	0%	15	30-Aug-19	17-Sep-19				
TUN-ISD1190	Authorities Review and Comment of Tunnel ISD 4th batch	28	50%	14	31-Oct-18 A	06-Jul-19				
Fire Services Department Building										
Individual Shop Drawing										

CONTRACT NO. HY2017/10
NORTHERN TUNNEL CONNECTION BUILDING E&M WORKS
THREE MONTHLY PROGRAMME AS OF 20 JUN 2019

P 5/25

Date	Revision	Checked	Approved
20-Jun-19			

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019			
							Jun	Jul	Aug	Sep
FSDB-ISD1040	Authorities Review and Comment of FSDB ISD 1st batch	28	50%	14	05-Sep-18 A	06-Jul-19				
FSDB-ISD1090	Authorities Review and Comment of FSDB ISD 2nd batch	28	50%	14	05-Sep-18 A	06-Jul-19				
Vehicular Underpass										
<i>Individual Shop Drawing</i>										
VU-ISD1080	ER Review and Approval of Vehicular Underpass ISD 2nd batch	7	50%	4	19-May-19 A	24-Jun-19				
VU-ISD1090	Authorities Review and Comment of Vehicular Underpass ISD 2nd batch	28	50%	14	02-Apr-19 A	06-Jul-19				
North Ventilation Building										
<i>Individual Shop Drawing</i>										
NVB-ISD1090	Authorities Review and Approval of NVB ISD - 2nd batch	28	50%	14	27-Sep-18 A	06-Jul-19				
E&M Procurement										
Design Related Procurement										
<i>Toll Control Building</i>										
CCMS, TCS and ELV System										
TCB-PO1150	Place Order - TCS Equipment	12	0%	12	27-Jun-19	11-Jul-19				
<i>Vehicular Underpass</i>										
Fire Service System										
VU-PO1040	Place Order - Gas detection	12	100%	0	30-May-19 A	30-May-19				
<i>Tunnel</i>										
Fire Service System										
TUN-PO1015	Place Order - Gas detection	12	100%	0	30-May-19 A	30-May-19				
E&M Manufacture & Delivery										
<i>Toll Control Building</i>										
MVAC System										
TCB-MD1010	Manufacture & Delivery to HK - Chiller	150	85.67%	22	07-Mar-19 A	11-Jul-19				
TCB-MD1020	Manufacture & Delivery to HK - Chilled Water Pump	100	93%	7	06-Mar-19 A	26-Jun-19				
TCB-MD1030	Manufacture & Delivery to HK - Computer Room Air Conditioning (CRAC) Unit	120	76.67%	28	15-May-19 A	17-Jul-19				
TCB-MD1040	Manufacture & Delivery to HK - Cooling Tower (R/F)	100	93%	7	06-Mar-19 A	26-Jun-19				
TCB-MD1050	Manufacture & Delivery to HK - AHU & PAU	90	71.11%	26	25-May-19 A	15-Jul-19				
Electrical System										
TCB-MD1060	Manufacture - LV Switchboard	86	86.05%	12	02-Apr-19 A	01-Jul-19				
TCB-MD1062	FAT - LV Switchboard	10	0%	10	02-Jul-19	11-Jul-19				
TCB-MD1065	Shipping to HK - LV Switchboard	14	0%	14	12-Jul-19	25-Jul-19				
TCB-MD1070	Manufacture - Generator	118	61.27%	46	02-Apr-19 A	04-Aug-19				
TCB-MD1072	FAT - Generator	4	0%	4	04-Aug-19	08-Aug-19				
TCB-MD1075	Shipping to HK - Generator	28	0%	28	08-Aug-19	05-Sep-19				
TCB-MD1080	Manufacture - UPS and Battery	53	75%	13	19-Mar-19 A	03-Jul-19				
TCB-MD1082	FAT - UPS and Battery	10	0%	10	03-Jul-19	13-Jul-19				
TCB-MD1085	Shipping to HK - UPS and Battery	42	0%	42	13-Jul-19	24-Aug-19				
TCB-MD1090	Manufacture & Delivery to HK - MCB & MCCB and Distribution Board	60	90%	6	04-Mar-19 A	25-Jun-19				
TCB-MD1100	Manufacture & Delivery to HK - LV Cables	120	85.83%	17	20-Nov-18 A	06-Jul-19				
TCB-MD1280	Manufacture & Delivery to HK - PV System Equipment	60	0%	60	21-Jul-19	18-Sep-19				
Fire Service System										
TCB-MD1150	Manufacture & Delivery to HK - FM200	150	60.67%	59	24-Dec-18 A	17-Aug-19				
TCB-MD1160	Manufacture & Delivery to HK - AFA System	100	91%	9	02-Mar-19 A	28-Jun-19				
TCB-MD1170	Manufacture & Delivery to HK - FS Pump	120	92.5%	9	19-Mar-19 A	28-Jun-19				
TCB-MD1180	Manufacture & Delivery to HK - FR/ HR system	90	90%	9	02-Mar-19 A	28-Jun-19				
TCB-MD1190	Manufacture & Delivery to HK - LMCP (FS)	60	51.67%	29	20-May-19 A	18-Jul-19				
Plumbing & Drainage System										

CONTRACT NO. HY2017/10
NORTHERN TUNNEL CONNECTION BUILDING E&M WORKS
THREE MONTHLY PROGRAMME AS OF 20 JUN 2019

P 6/25

Date	Revision	Checked	Approved
20-Jun-19			

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019			
							Jun	Jul	Aug	Sep
TCB-MD1110	Manufacture & Delivery to HK - Sump Pump	120	85.83%	17	29-Mar-19 A	06-Jul-19				
TCB-MD1120	Manufacture & Delivery to HK - Hot Water System	120	20%	96	04-Jun-19 A	23-Sep-19				
TCB-MD1130	Manufacture & Delivery to HK - LMCP (PD)	60	51.67%	29	20-May-19 A	18-Jul-19				
TCB-MD1140	Manufacture & Delivery to HK - Water Pump	90	94.44%	5	29-Mar-19 A	24-Jun-19				
Lift System										
TCB-MD1000	Manufacture & Delivery to HK - Lift System	120	75.83%	29	03-Apr-19 A	18-Jul-19				
CCMS, TCS and ELV System										
TCB-MD1200	Manufacture - CMCS Equipment	62	45.16%	34	20-Apr-19 A	30-Jul-19				
TCB-MD1202	FAT - CMCS Equipment	7	0%	7	31-Jul-19	06-Aug-19				
TCB-MD1205	Shipping to HK - CMCS Equipment	14	0%	14	07-Aug-19	20-Aug-19				
TCB-MD1210	Manufacture - TCS Equipment	82	0%	82	12-Jul-19	01-Oct-19				
TCB-MD1220	Manufacture & Delivery to HK - other ELV Equipment	83	38.55%	51	18-Jun-19 A	16-Aug-19				
Administration Building										
Electrical System										
ADB-MD1070	Manufacture - LV Switchboard	86	86.05%	12	02-Apr-19 A	01-Jul-19				
ADB-MD1072	FAT - LV Switchboard	10	0%	10	02-Jul-19	11-Jul-19				
ADB-MD1075	Shipping to HK - LV Switchboard	14	0%	14	12-Jul-19	25-Jul-19				
ADB-MD1080	Manufacture - Generator	118	61.27%	46	02-Apr-19 A	04-Aug-19				
ADB-MD1082	FAT - Generator	4	0%	4	04-Aug-19	08-Aug-19				
ADB-MD1085	Shipping to HK - Generator	28	0%	28	08-Aug-19	05-Sep-19				
ADB-MD1090	Manufacture - UPS and Battery	53	20%	42	24-May-19 A	01-Aug-19				
ADB-MD1092	FAT - UPS and Battery	10	0%	10	01-Aug-19	11-Aug-19				
ADB-MD1095	Shipping to HK - UPS and Battery	42	0%	42	11-Aug-19	22-Sep-19				
ADB-MD1110	Manufacture & Delivery to HK - LV Cables	120	85.83%	17	20-Nov-18 A	06-Jul-19				
ADB-MD1310	Manufacture & Delivery to HK - PV System Equipment	60	0%	60	21-Jul-19	18-Sep-19				
MVAC System										
ADB-MD1010	Manufacture & Delivery to HK - Chiller	150	85.67%	22	06-Mar-19 A	11-Jul-19				
ADB-MD1020	Manufacture & Delivery to HK - Chilled Water Pump	100	91%	9	06-Mar-19 A	28-Jun-19				
ADB-MD1030	Manufacture & Delivery to HK - Computer Room Air Conditioning (CRAC) Unit	120	50.83%	59	15-May-19 A	17-Aug-19				
ADB-MD1040	Manufacture & Delivery to HK - AHU & PAU	90	27.78%	65	25-May-19 A	23-Aug-19				
ADB-MD1050	Manufacture & Delivery to HK - Cooling Tower	100	57%	43	06-Mar-19 A	01-Aug-19				
Fire Service System										
ADB-MD1160	Manufacture & Delivery to HK - FM200	150	80.67%	29	24-Dec-18 A	18-Jul-19				
ADB-MD1170	Manufacture & Delivery to HK - AFA System	100	91%	9	02-Mar-19 A	28-Jun-19				
ADB-MD1180	Manufacture & Delivery to HK - FS Pump	120	95.83%	5	19-Mar-19 A	24-Jun-19				
ADB-MD1190	Manufacture & Delivery to HK - FR/ HR system	90	94.44%	5	02-Mar-19 A	24-Jun-19				
ADB-MD1200	Manufacture & Delivery to HK - LMCP (FS)	60	51.67%	29	20-May-19 A	18-Jul-19				
Plumbing & Drainage System										
ADB-MD1130	Manufacture & Delivery to HK - Hot Water System	120	20%	96	04-Jun-19 A	23-Sep-19				
ADB-MD1140	Manufacture & Delivery to HK - LMCP (PD)	60	51.67%	29	20-May-19 A	18-Jul-19				
ADB-MD1150	Manufacture & Delivery to HK - Water Pump	90	84.44%	14	29-Mar-19 A	03-Jul-19				
CCMS and ELV System										
ADB-MD1210	Manufacture - CMCS Equipment	62	45.16%	34	20-Apr-19 A	30-Jul-19				
ADB-MD1212	FAT - CMCS Equipment	7	0%	7	31-Jul-19	06-Aug-19				
ADB-MD1215	Shipping to HK - CMCS Equipment	14	0%	14	07-Aug-19	20-Aug-19				
ADB-MD1220	Manufacture & Delivery to HK - other ELV Equipment	83	38.55%	51	18-Jun-19 A	16-Aug-19				
Lift System										
ADB-MD1000	Manufacture & Delivery to HK - Lift System	120	50.83%	59	03-Apr-19 A	17-Aug-19				

CONTRACT NO. HY2017/10
NORTHERN TUNNEL CONNECTION BUILDING E&M WORKS
THREE MONTHLY PROGRAMME AS OF 20 JUN 2019

P 7/25

Date	Revision	Checked	Approved
20-Jun-19			

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019				
							Jun	Jul	Aug	Sep	
North Ventilation Building											
Electrical System											
NVB-MD1025	Shipping to HK - HV Switchboard	14	10%	13	19-Jun-19 A	02-Jul-19					
NVB-MD1035	Shipping to HK - HV Cables	14	64.29%	5	10-Jun-19 A	24-Jun-19					
NVB-MD1040	Manufacture - LV Switchboard	86	86.05%	12	02-Apr-19 A	01-Jul-19					
NVB-MD1042	FAT - LV Switchboard	10	0%	10	02-Jul-19	11-Jul-19					
NVB-MD1045	Shipping to HK - LV Switchboard	14	0%	14	12-Jul-19	25-Jul-19					
NVB-MD1050	Manufacture - Generator	118	61.27%	46	02-Apr-19 A	04-Aug-19					
NVB-MD1052	FAT - Generator	4	0%	4	04-Aug-19	08-Aug-19					
NVB-MD1055	Shipping to HK - Generator	28	0%	28	08-Aug-19	05-Sep-19					
NVB-MD1060	Manufacture - UPS and Battery	53	75%	13	19-Mar-19 A	03-Jul-19					
NVB-MD1062	FAT - UPS and Battery	10	0%	10	03-Jul-19	13-Jul-19					
NVB-MD1065	Shipping to HK - UPS and Battery	42	0%	42	13-Jul-19	24-Aug-19					
NVB-MD1095	Shipping to HK - LV Cables	14	64.29%	5	10-Jun-19 A	24-Jun-19					
MVAC System											
NVB-MD1200	Shipping to HK - Tunnel Ventilation Fan	45	20%	36	16-Jun-19 A	25-Jul-19					
NVB-MD1210	Manufacture & Delivery to HK - Staircase Pressurization Fan	60	0%	60	20-Jun-19	18-Aug-19					
Fire Service System											
NVB-MD1130	Manufacture & Delivery to HK - FM200	150	80.67%	29	24-Dec-18 A	18-Jul-19					
NVB-MD1140	Manufacture & Delivery to HK - AFA System	100	91%	9	02-Mar-19 A	28-Jun-19					
NVB-MD1150	Manufacture & Delivery to HK - FR/ HR system	90	94.44%	5	02-Mar-19 A	24-Jun-19					
NVB-MD1170	Manufacture & Delivery to HK - LMCP (FS)	60	51.67%	29	20-May-19 A	18-Jul-19					
Plumbing & Drainage System											
NVB-MD1100	Manufacture & Delivery to HK - Sump Pump	120	85.83%	17	29-Mar-19 A	06-Jul-19					
NVB-MD1110	Manufacture & Delivery to HK - LMCP (PD)	60	51.67%	29	20-May-19 A	18-Jul-19					
NVB-MD1120	Manufacture & Delivery to HK - Water Pump	90	79.44%	19	29-Mar-19 A	08-Jul-19					
CCMS and ELV System											
NVB-MD1220	Manufacture - CMCS Equipment	62	45.16%	34	20-Apr-19 A	30-Jul-19					
NVB-MD1222	FAT - CMCS Equipment	7	0%	7	31-Jul-19	06-Aug-19					
NVB-MD1225	Shipping to HK - CMCS Equipment	14	0%	14	07-Aug-19	20-Aug-19					
NVB-MD1230	Manufacture - other ELV Equipment	62	53%	29	18-Jun-19 A	26-Jul-19					
NVB-MD1232	FAT - other ELV Equipment	7	0%	7	26-Jul-19	02-Aug-19					
NVB-MD1235	Shipping to HK - other ELV Equipment	14	0%	14	02-Aug-19	16-Aug-19					
Lift System											
NVB-MD1000	Manufacture & Delivery to HK - Lift System	120	75.83%	29	03-Apr-19 A	18-Jul-19					
Maintenance Depot											
Electrical System											
MD-MD1010	Manufacture - Generator	118	61.27%	46	02-Apr-19 A	04-Aug-19					
MD-MD1012	FAT - Generator	4	0%	4	04-Aug-19	08-Aug-19					
MD-MD1015	Shipping to HK - Generator	28	0%	28	08-Aug-19	05-Sep-19					
MD-MD1020	Manufacture - LV Switchboard	86	86.05%	12	02-Apr-19 A	01-Jul-19					
MD-MD1022	FAT - LV Switchboard	10	0%	10	02-Jul-19	11-Jul-19					
MD-MD1025	Shipping to HK - LV Switchboard	14	0%	14	12-Jul-19	25-Jul-19					
MD-MD1030	Manufacture & Delivery to HK - MCB & MCCB and Distribution Board	60	91.67%	5	04-Mar-19 A	24-Jun-19					
MD-MD1040	Manufacture & Delivery to HK - LV Cables	120	75.83%	29	20-Nov-18 A	18-Jul-19					
MVAC System											
MD-MD1000	Manufacture & Delivery to HK - AHU & PAU	90	71.11%	26	25-May-19 A	15-Jul-19					
Fire Service System											

CONTRACT NO. HY2017/10
NORTHERN TUNNEL CONNECTION BUILDING E&M WORKS
THREE MONTHLY PROGRAMME AS OF 20 JUN 2019

P 8/25

Date	Revision	Checked	Approved
20-Jun-19			

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019			
							Jun	Jul	Aug	Sep
MD-MD1080	Manufacture & Delivery to HK - FM200	150	80.67%	29	24-Dec-18 A	18-Jul-19				
MD-MD1090	Manufacture & Delivery to HK - FS Pump	120	95.83%	5	19-Mar-19 A	24-Jun-19				
MD-MD1100	Manufacture & Delivery to HK - AFA System	100	91%	9	02-Mar-19 A	28-Jun-19				
MD-MD1110	Manufacture & Delivery to HK - LMCP (FS)	60	51.67%	29	20-May-19 A	18-Jul-19				
MD-MD1120	Manufacture & Delivery to HK - FR/ HR system	90	94.44%	5	02-Mar-19 A	24-Jun-19				
CCMS and ELV System										
MD-MD1130	Manufacture - CMCS Equipment	62	45.16%	34	20-May-19 A	30-Jul-19				
MD-MD1132	FAT - CMCS Equipment	7	0%	7	31-Jul-19	06-Aug-19				
MD-MD1135	Shipping to HK - CMCS Equipment	14	0%	14	07-Aug-19	20-Aug-19				
MD-MD1140	Manufacture & Delivery to HK - other ELV Equipment	83	38.55%	51	18-Jun-19 A	16-Aug-19				
Plumbing & Drainage System										
MD-MD1050	Manufacture & Delivery to HK - Sump Pump	120	85.83%	17	29-Mar-19 A	06-Jul-19				
MD-MD1060	Manufacture & Delivery to HK - Water Pump	90	79.44%	19	29-Mar-19 A	08-Jul-19				
MD-MD1070	Manufacture & Delivery to HK - LMCP (PD)	60	51.67%	29	20-May-19 A	18-Jul-19				
Satellite Control Building										
SCB-MD1175	Manufacture & Delivery to HK - Miscellaneous 1st fix Materials/ Equipment	45	0%	45	20-Jun-19	03-Aug-19				
SCB-MD1185	Manufacture & Delivery to HK - Miscellaneous 2nd fix Materials/ Equipment	45	0%	45	27-Jun-19	10-Aug-19				
SCB-MD1195	Manufacture & Delivery to HK - Miscellaneous final fix Materials/ Equipment	45	0%	45	13-Jul-19	26-Aug-19				
Electrical System										
SCB-MD1020	Manufacture - Generator	118	31.27%	81	17-Apr-19 A	09-Sep-19				
SCB-MD1022	FAT - Generator	4	0%	4	09-Sep-19	13-Sep-19				
SCB-MD1025	Shipping to HK - Generator	28	0%	28	13-Sep-19	11-Oct-19				
SCB-MD1030	Manufacture - UPS and Battery	53	20%	42	26-Mar-19 A	01-Aug-19				
SCB-MD1032	FAT - UPS and Battery	10	0%	10	01-Aug-19	11-Aug-19				
SCB-MD1035	Shipping to HK - UPS and Battery	42	0%	42	11-Aug-19	22-Sep-19				
SCB-MD1040	Manufacture - LV Switchboard	86	41.05%	51	17-Apr-19 A	09-Aug-19				
SCB-MD1042	FAT - LV Switchboard	10	0%	10	09-Aug-19	19-Aug-19				
SCB-MD1045	Shipping to HK - LV Switchboard	14	0%	14	19-Aug-19	02-Sep-19				
SCB-MD1050	Manufacture & Delivery to HK - MCB & MCCB and Distribution Board	60	0%	60	28-Jul-19	25-Sep-19				
SCB-MD1060	Manufacture & Delivery to HK - LV Cables	120	35.83%	77	20-Nov-18 A	11-Sep-19				
MVAC System										
SCB-MD1010	Manufacture & Delivery to HK - Computer Room Air Conditioning (CRAC) Unit	120	25.83%	89	25-May-19 A	16-Sep-19				
Fire Service System										
SCB-MD1100	Manufacture & Delivery to HK - FM200	150	40%	90	20-May-19 A	17-Sep-19				
SCB-MD1110	Manufacture & Delivery to HK - FS Pump	120	25.83%	89	19-Mar-19 A	16-Sep-19				
SCB-MD1120	Manufacture & Delivery to HK - AFA System	100	0%	100	28-Jul-19	04-Nov-19				
SCB-MD1130	Manufacture & Delivery to HK - LMCP (FS)	60	0%	60	08-Sep-19	06-Nov-19				
SCB-MD1140	Manufacture & Delivery to HK - FR/ HR system	90	0%	90	18-Sep-19	16-Dec-19				
Plumbing & Drainage System										
SCB-PO1120	Manufacture & Delivery to HK - LMCP (PD)	60	0%	60	08-Sep-19	06-Nov-19				
SCB-PO1130	Manufacture & Delivery to HK - Water Pump	90	34.44%	59	29-Mar-19 A	17-Aug-19				
CCMS and ELV System										
SCB-MD1150	Manufacture - CMCS Equipment	62	0%	62	31-Jul-19	30-Sep-19				
SCB-MD1160	Manufacture & Delivery to HK - other ELV Equipment	83	0%	83	27-Jun-19	17-Sep-19				
Lift System										
SCB-MD1000	Manufacture & Delivery to HK - Lift System	120	45.83%	65	03-Apr-19 A	23-Aug-19				
Custom & Excise Department Building										
CEDB-MD1195	Manufacture & Delivery to HK - Miscellaneous 1st fix Materials/ Equipment	45	0%	45	20-Jun-19	03-Aug-19				

CONTRACT NO. HY2017/10
NORTHERN TUNNEL CONNECTION BUILDING E&M WORKS
THREE MONTHLY PROGRAMME AS OF 20 JUN 2019

P 9/25

Date	Revision	Checked	Approved
20-Jun-19			

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019			
							Jun	Jul	Aug	Sep
CEDB-MD1205	Manufacture & Delivery to HK - Miscellaneous 2nd fix Materials/ Equipment	45	0%	45	10-Jul-19	23-Aug-19				
CEDB-MD1215	Manufacture & Delivery to HK - Miscellaneous final fix Materials/ Equipment	45	0%	45	25-Jul-19	07-Sep-19				
Electrical System										
CEDB-MD1020	Manufacture - Generator	118	46.27%	63	17-Apr-19 A	22-Aug-19				
CEDB-MD1022	FAT - Generator	4	0%	4	22-Aug-19	26-Aug-19				
CEDB-MD1025	Shipping to HK - Generator	28	0%	28	26-Aug-19	23-Sep-19				
CEDB-MD1030	Manufacture - UPS and Battery	53	20%	42	26-Mar-19 A	01-Aug-19				
CEDB-MD1032	FAT - UPS and Battery	10	0%	10	01-Aug-19	11-Aug-19				
CEDB-MD1035	Shipping to HK - UPS and Battery	42	0%	42	11-Aug-19	22-Sep-19				
CEDB-MD1040	Manufacture - LV Switchboard	86	41.05%	51	17-Apr-19 A	09-Aug-19				
CEDB-MD1042	FAT - LV Switchboard	10	0%	10	09-Aug-19	19-Aug-19				
CEDB-MD1045	Shipping to HK - LV Switchboard	14	0%	14	19-Aug-19	02-Sep-19				
CEDB-MD1050	Manufacture & Delivery to HK - LV Cables	120	35.83%	77	20-Nov-18 A	11-Sep-19				
CEDB-MD1060	Manufacture & Delivery to HK - MCB & MCCB and Distribution Board	60	0%	60	28-Jun-19	26-Aug-19				
MVAC System										
CEDB-MD1010	Manufacture & Delivery to HK - AHU & PAU	90	0%	90	20-Jun-19	17-Sep-19				
Fire Service System										
CEDB-MD1090	Manufacture & Delivery to HK - FM200	150	0%	150	20-Jun-19	16-Nov-19				
CEDB-MD1100	Manufacture & Delivery to HK - FS Pump	120	25.83%	89	19-Mar-19 A	16-Sep-19				
CEDB-MD1110	Manufacture & Delivery to HK - AFA System	100	0%	100	20-Jun-19	27-Sep-19				
CEDB-MD1120	Manufacture & Delivery to HK - LMCP (FS)	60	0%	60	11-Jul-19	08-Sep-19				
CEDB-MD1130	Manufacture & Delivery to HK - FR/ HR system	90	0%	90	24-Jul-19	21-Oct-19				
Plumbing & Drainage System										
CEDB-MD1070	Manufacture & Delivery to HK - LMCP (PD)	60	0%	60	20-Jun-19	18-Aug-19				
CEDB-MD1080	Manufacture & Delivery to HK - Water Pump	90	34.44%	59	29-Mar-19 A	01-Nov-19				
CCMS and ELV System										
CEDB-MD1170	Manufacture - CMCS Equipment	62	0%	62	25-Jul-19	24-Sep-19				
CEDB-MD1180	Manufacture & Delivery to HK - other ELV Equipment	83	0%	83	24-Jul-19	14-Oct-19				
Lift System										
CEDB-MD1000	Manufacture & Delivery to HK - Lift System	120	0%	120	20-Jun-19	17-Oct-19				
Fire Services Department Building										
FSDB-MD1155	Manufacture & Delivery to HK - Miscellaneous 1st fix Materials/ Equipment	45	0%	45	22-Jun-19	05-Aug-19				
FSDB-MD1165	Manufacture & Delivery to HK - Miscellaneous 2nd fix Materials/ Equipment	45	0%	45	27-Jun-19	10-Aug-19				
FSDB-MD1175	Manufacture & Delivery to HK - Miscellaneous final fix Materials/ Equipment	45	0%	45	13-Jul-19	26-Aug-19				
Electrical System										
FSDB-MD1000	Manufacture - Generator	118	46.27%	63	17-Apr-19 A	22-Aug-19				
FSDB-MD1002	FAT - Generator	4	0%	4	22-Aug-19	26-Aug-19				
FSDB-MD1005	Shipping to HK - Generator	28	0%	28	26-Aug-19	23-Sep-19				
FSDB-MD1010	Manufacture - UPS and Battery	53	20%	42	26-Mar-19 A	01-Aug-19				
FSDB-MD1012	FAT - UPS and Battery	10	0%	10	01-Aug-19	11-Aug-19				
FSDB-MD1015	Shipping to HK - UPS and Battery	42	0%	42	11-Aug-19	22-Sep-19				
FSDB-MD1020	Manufacture - LV Switchboard	86	41.05%	51	17-Apr-19 A	09-Aug-19				
FSDB-MD1022	FAT - LV Switchboard	10	0%	10	09-Aug-19	19-Aug-19				
FSDB-MD1025	Shipping to HK - LV Switchboard	14	0%	14	19-Aug-19	02-Sep-19				
FSDB-MD1030	Manufacture & Delivery to HK - LV Cables	120	35.83%	77	20-Nov-18 A	05-Oct-19				
FSDB-MD1040	Manufacture & Delivery to HK - MCB & MCCB and Distribution Board	60	0%	60	03-Aug-19	01-Oct-19				
Fire Service System										
FSDB-MD1090	Manufacture & Delivery to HK - FS Pump	120	0%	120	20-Jun-19	17-Oct-19				

CONTRACT NO. HY2017/10
NORTHERN TUNNEL CONNECTION BUILDING E&M WORKS
THREE MONTHLY PROGRAMME AS OF 20 JUN 2019

P 10/25

Date	Revision	Checked	Approved
20-Jun-19			

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019			
							Jun	Jul	Aug	Sep
FSDB-MD1100	Manufacture & Delivery to HK - AFA System	100	0%	100	20-Jun-19	27-Sep-19				
FSDB-MD1110	Manufacture & Delivery to HK - LMCP (FS)	60	0%	60	21-Aug-19	19-Oct-19				
FSDB-MD1120	Manufacture & Delivery to HK - FR/ HR system	90	0%	90	05-Sep-19	03-Dec-19				
FSDB-MD1185	Manufacture & Delivery to HK - FM200	150	0%	150	20-Jun-19	16-Nov-19				
Plumbing & Drainage System										
FSDB-MD1060	Manufacture & Delivery to HK - Water Pump	90	0%	90	06-Aug-19	03-Nov-19				
FSDB-MD1070	Manufacture & Delivery to HK - LMCP (PD)	60	0%	60	10-Aug-19	08-Oct-19				
CCMS and ELV System										
FSDB-MD1130	Manufacture - CMCS Equipment	62	0%	62	23-Aug-19	23-Oct-19				
FSDB-MD1140	Manufacture & Delivery to HK - other ELV Equipment	83	0%	83	27-Aug-19	17-Nov-19				
South Ventilation Building										
SVB-MD1225	Manufacture & Delivery to HK - Miscellaneous 1st fix Materials/ Equipment	45	50%	23	21-Mar-19 A	12-Jul-19				
SVB-MD1235	Manufacture & Delivery to HK - Miscellaneous 2nd fix Materials/ Equipment	45	0%	45	20-Jun-19	03-Aug-19				
SVB-MD1245	Manufacture & Delivery to HK - Miscellaneous final fix Materials/ Equipment	45	0%	45	20-Jun-19	03-Aug-19				
Electrical System										
SVB-MD1000	Manufacture - Generator	118	29.27%	83	17-Apr-19 A	11-Sep-19				
SVB-MD1002	FAT - Generator	4	0%	4	11-Sep-19	15-Sep-19				
SVB-MD1005	Shipping to HK - Generator	28	0%	28	15-Sep-19	13-Oct-19				
SVB-MD1010	Manufacture - UPS and Battery	53	20%	42	26-Mar-19 A	01-Aug-19				
SVB-MD1012	FAT - UPS and Battery	10	0%	10	01-Aug-19	11-Aug-19				
SVB-MD1015	Shipping to HK - UPS and Battery	42	0%	42	11-Aug-19	22-Sep-19				
SVB-MD1020	Manufacture - HV/LV Transformer	92	38.7%	56	16-May-19 A	15-Aug-19				
SVB-MD1022	FAT - HV/LV Transformer	14	0%	14	15-Aug-19	29-Aug-19				
SVB-MD1025	Shipping to HK - HV/LV Transformer	14	0%	14	29-Aug-19	12-Sep-19				
SVB-MD1030	Manufacture - LV Switchboard	86	39.05%	52	17-Apr-19 A	11-Aug-19				
SVB-MD1032	FAT - LV Switchboard	10	0%	10	11-Aug-19	21-Aug-19				
SVB-MD1035	Shipping to HK - LV Switchboard	14	0%	14	21-Aug-19	04-Sep-19				
SVB-MD1040	Manufacture - HV Switchboard	92	38.7%	56	16-May-19 A	15-Aug-19				
SVB-MD1042	FAT - HV Switchboard	14	0%	14	15-Aug-19	29-Aug-19				
SVB-MD1045	Shipping to HK - HV Switchboard	14	0%	14	29-Aug-19	12-Sep-19				
SVB-MD1050	Manufacture & Delivery to HK - HV Cables	120	80%	24	20-May-19 A	13-Jul-19				
SVB-MD1060	Manufacture & Delivery to HK - Busduct	120	0%	120	20-Jun-19	17-Oct-19				
SVB-MD1070	Manufacture & Delivery to HK - LV Cables	120	35.83%	77	20-Nov-18 A	04-Sep-19				
SVB-MD1080	Manufacture & Delivery to HK - MCB & MCCB and Distribution Board	60	0%	60	20-Jun-19	18-Aug-19				
MVAC System										
SVB-MD1170	Manufacture - Tunnel Ventilation Fan	180	52.22%	86	17-May-19 A	13-Sep-19				
SVB-MD1175	Shipping to HK - Tunnel Ventilation Fan	45	0%	45	14-Sep-19	28-Oct-19				
SVB-MD1180	Manufacture & Delivery to HK - Staircase Pressurization Fan	60	0%	60	20-Jun-19	18-Aug-19				
Fire Service System										
SVB-MD1120	Manufacture & Delivery to HK - FM200	150	80%	30	20-May-19 A	19-Jul-19				
SVB-MD1130	Manufacture & Delivery to HK - FS Pump	120	25.83%	89	19-Mar-19 A	16-Sep-19				
SVB-MD1140	Manufacture & Delivery to HK - AFA System	100	0%	100	20-Jun-19	27-Sep-19				
SVB-MD1150	Manufacture & Delivery to HK - FR/ HR system	90	0%	90	20-Jun-19	17-Sep-19				
SVB-MD1160	Manufacture & Delivery to HK - LMCP (FS)	60	0%	60	20-Jun-19	18-Aug-19				
Plumbing & Drainage System										
SVB-MD1100	Manufacture & Delivery to HK - Water Pump	90	34.44%	59	29-Mar-19 A	17-Aug-19				
SVB-MD1110	Manufacture & Delivery to HK - LMCP (PD)	60	0%	60	20-Jun-19	18-Aug-19				
SVB-MD1255	Manufacture & Delivery to HK - Sump Pump	120	25.83%	89	29-Mar-19 A	16-Sep-19				

CONTRACT NO. HY2017/10
NORTHERN TUNNEL CONNECTION BUILDING E&M WORKS
THREE MONTHLY PROGRAMME AS OF 20 JUN 2019

P 11/25

Date	Revision	Checked	Approved
20-Jun-19			

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019				
							Jun	Jul	Aug	Sep	
CCMS and ELV System											
SVB-MD1200	Manufacture - CMCS Equipment	62	0%	62	27-Jun-19	27-Aug-19					
SVB-MD1202	FAT - CMCS Equipment	7	0%	7	28-Aug-19	03-Sep-19					
SVB-MD1205	Shipping to HK - CMCS Equipment	14	0%	14	04-Sep-19	17-Sep-19					
SVB-MD1210	Manufacture & Delivery to HK - other ELV Equipment	83	37.35%	52	18-Jun-19 A	17-Aug-19					
Lift System											
SVB-MD1190	Manufacture & Delivery to HK - Lift System	120	2.5%	117	17-Jun-19 A	14-Oct-19					
Vehicular Underpass											
VU-MD1000	Manufacture & Delivery to HK - Pressurization Fan	90	93.33%	6	15-Apr-19 A	25-Jun-19					
VU-MD1015	Shipping to HK- Jet Fan	14	0%	14	09-May-19 A	03-Jul-19					
VU-MD1030	Manufacture & Delivery to HK - Sump Pump	120	65.83%	41	02-Apr-19 A	30-Jul-19					
VU-MD1040	Manufacture & Delivery to HK - Water Pump	90	34.44%	59	20-May-19 A	17-Aug-19					
VU-MD1050	Manufacture & Delivery to HK - Gas detection	90	0%	90	20-Jun-19	17-Sep-19					
VU-MD1060	Manufacture - CMCS Equipment	62	35%	40	20-May-19 A	06-Aug-19					
VU-MD1062	FAT - CMCS Equipment	7	0%	7	06-Aug-19	13-Aug-19					
VU-MD1065	Shipping to HK - CMCS Equipment	21	0%	21	13-Aug-19	03-Sep-19					
VU-MD1070	Manufacture & Delivery to HK - other ELV Equipment	90	38.55%	55	18-Jun-19 A	21-Aug-19					
Tunnel											
TUN-MD1006	Manufacture - Tunnel Lighting System (3rd Batch)	90	10%	81	20-May-19 A	08-Sep-19					
TUN-MD1009	Manufacture - Tunnel Lighting System (4th Batch)	90	0%	90	20-Jun-19 A	17-Sep-19					
TUN-MD1015	Manufacture & Delivery to HK - Gas detection	90	0%	90	20-Jun-19	17-Sep-19					
TUN-MD1020	Manufacture & Delivery to HK - LHD system	90	84.44%	14	04-Apr-19 A	03-Jul-19					
TUN-MD1030	Manufacture & Delivery to HK - FS Pump	60	0%	60	20-Jun-19	18-Aug-19					
TUN-MD1040	Manufacture - CMCS Equipment	62	35%	40	20-May-19 A	06-Aug-19					
TUN-MD1042	FAT - CMCS Equipment	21	0%	21	06-Aug-19	27-Aug-19					
TUN-MD1045	Shipping to HK - CMCS Equipment	7	0%	7	27-Aug-19	03-Sep-19					
TUN-MD1050	Manufacture & Delivery to HK - other ELV Equipment	90	38.55%	55	18-Jun-19 A	21-Aug-19					
TUN-MD1060	Manufacture & Delivery to HK - Sump Pump	120	0%	120	20-Jun-19	17-Oct-19					
TUN-MD1070	Manufacture - AQMS Equipment	69	60%	28	20-May-19 A	17-Jul-19					
TUN-MD1080	FAT - AQMS Equipment	14	0%	14	17-Jul-19	31-Jul-19					
TUN-MD1090	Shipping to HK - AQMS Equipment	7	0%	7	31-Jul-19	07-Aug-19					
Approach Road											
AR-MD1000	Manufacture & Delivery to HK - Road Lighting Fitting	90	64.44%	32	21-Mar-19 A	21-Jul-19					
AR-MD1010	Manufacture - CMCS Equipment	62	35%	40	20-May-19 A	06-Aug-19					
AR-MD1015	FAT - CMCS Equipment	7	0%	7	06-Aug-19	13-Aug-19					
AR-MD1018	Shipping to HK - CMCS Equipment	14	0%	14	13-Aug-19	27-Aug-19					
AR-MD1020	Manufacture & Delivery to HK - other ELV Equipment	83	38.55%	51	18-Jun-19 A	17-Aug-19					
Key Date 1 - Toll Control Building (TCB) & TCCS Provision											
ABWF Works (for All)											
ATCB1010	Door and Window Frames	82	0%	82	04-Mar-19 A	25-Sep-19					
ATCB1052	ABWF Works to Office and Corridors 2/F	152	98.03%	3	12-Apr-19 A	22-Jun-19					
ATCB1080	ABWF Works to Toilets G/F	163	94.48%	9	27-Feb-19 A	29-Jun-19					
ATCB1081	ABWF Works to Toilets 1/F	163	94.48%	9	01-Mar-19 A	29-Jun-19					
ATCB1082	ABWF Works to Toilets 2/F	163	87.12%	21	12-Apr-19 A	15-Jul-19					
ATCB1110	Waterproofing and Roofing	47	93.62%	3	14-Jun-19 A	22-Jun-19					
ATCB1120	External Cladding and Wall Plastering	94	77.66%	21	01-Apr-19 A	15-Jul-19					
TCCS Provision											
TCB230	KD1 Achieved	0	100%	0		31-May-19					

CONTRACT NO. HY2017/10
NORTHERN TUNNEL CONNECTION BUILDING E&M WORKS
THREE MONTHLY PROGRAMME AS OF 20 JUN 2019

P 12/25

Date	Revision	Checked	Approved
20-Jun-19			

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019				
							Jun	Jul	Aug	Sep	
Key Date 4 - E&M Works in Vehicular Underpass Area & TCSS Provision											
E&M Works											
VU120	Cable containment Installation	24	90%	2	22-Mar-19 A	22-Jun-19					
VU130	Post Drill and Bracket Fixing	18	50%	9	02-Apr-19 A	04-Jul-19					
VU200	Possess Portion XI	0	100%	0	31-May-19 A						
VU210	KD4 Achieved	0	0%	0		04-Jul-19					
Key Date 2 - Administration Building, Maintenance Depot, Kiosk N2, TCSS Provision											
Administration Building (ADB)											
Building Structure											
ADB200	Roof Slab	28	67.86%	9	23-May-19 A	29-Jun-19					
ADB210	Top Roof	11	0%	11	02-Jul-19	13-Jul-19					
ABWF Works (for All)											
AADB1130	Blockwork Walls	25	0%	25	20-Jun-19	19-Jul-19					
AADB1140	Door and Window Frames	19	0%	19	20-Jun-19	12-Jul-19					
AADB1150	ABWF Works to Plant Rooms G/F	52	40.38%	31	07-Jun-19 A	02-Aug-19					
AADB1151	ABWF Works to Plant Rooms 1/F	52	0%	52	29-Jun-19	29-Aug-19					
AADB1160	ABWF Works to Office and Corridors G/F	126	0%	126	27-Jun-19	25-Nov-19					
AADB1161	ABWF Works to Office and Corridors 1/F	126	0%	126	12-Jul-19	09-Dec-19					
AADB1170	ABWF Works to Toilets G/F	132	0%	132	27-Jun-19	02-Dec-19					
AADB1171	ABWF Works to Toilets 1/F	132	0%	132	12-Jul-19	16-Dec-19					
AADB1180	Waterproofing and Roofing	48	0%	48	05-Jul-19	29-Aug-19					
AADB1190	External Cladding and Wall Plastering	98	0%	98	05-Jul-19	30-Oct-19					
Provision for TCSS Installation											
ADB250	Cable Containment Installation to enable TCSS installation	74	0%	74	20-Jun-19	16-Sep-19					
Maintenance Depot											
ABWF Works (for All)											
AMD1000	Blockwork Walls	16	12.5%	14	06-Jun-19 A	06-Jul-19					
AMD1010	Door and Window Frames	10	0%	10	20-Jun-19	02-Jul-19					
AMD1020	ABWF Works to Plant Rooms	58	0%	58	21-Jun-19	28-Aug-19					
AMD1030	ABWF Works to Office and Corridors	132	0%	132	21-Jun-19	26-Nov-19					
AMD1040	ABWF Works to Toilets	144	0%	144	25-Jun-19	13-Dec-19					
AMD1050	Waterproofing and Roofing	51	0%	51	29-Jun-19	28-Aug-19					
AMD1060	External Cladding and Wall Plastering	98	0%	98	29-Jun-19	25-Oct-19					
Provision for TCSS Installation											
MD210	Cable Containment Installation to enable TCSS installation	62	0%	62	25-Jul-19	08-Oct-19					
Kiosk N2											
N2-130	ABWF Works to enable TCSS installation	18	0%	18	20-Jun-19	11-Jul-19					
N2-140	Cable Containment Installation to enable TCSS installation	19	0%	19	12-Jul-19	02-Aug-19					
Key Date 6 - E&M Works for Administration Building, Maintenance Depot, North Vent Building, Kiosk N2											
ABWF Works for Administration Building (Structure Completed under KD2)											
EADB110	ADB First Floor Completed with Scaffolding Removed	0	100%	0		01-Jun-19 A					
E&M Works for Administration Building											
Installation											
G/F											
ADB-EMGF1000	ABWF Works ready for E&M Mobilization to General Areas - G/F	0	0%	0	02-Jul-19						
ADB-EMGF1010	E&M Installation - 1st fix - G/F	46	0%	46	02-Jul-19	23-Aug-19					
ADB-EMGF1020	E&M Installation - 2nd fix - G/F	40	0%	40	02-Aug-19	18-Sep-19					
ADB-EMGF1030	E&M Installation - Final fix - G/F	40	0%	40	27-Aug-19	15-Oct-19					

CONTRACT NO. HY2017/10
NORTHERN TUNNEL CONNECTION BUILDING E&M WORKS
THREE MONTHLY PROGRAMME AS OF 20 JUN 2019

P 13/25

Date	Revision	Checked	Approved
20-Jun-19			

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019			
							Jun	Jul	Aug	Sep
MD-EMGF1130	ABWF Works ready for E&M Mobilization to MVAC Plant Rooms - G/F	0	0%	0	27-Jul-19					
MD-EMGF1140	E&M Installation - MVAC Plant Rooms - G/F	90	0%	90	27-Jul-19					
MD-EMGF1150	ABWF Works ready for E&M Mobilization to FS Plant Rooms - G/F	0	0%	0	27-Jul-19					
MD-EMGF1160	E&M Installation - FS Plant Rooms - G/F	90	0%	90	27-Jul-19					
MD-EMGF1170	ABWF Works ready for E&M Mobilization to PD Plant Rooms - G/F	0	0%	0	27-Jul-19					
MD-EMGF1180	E&M Installation - PD Plant Rooms - G/F	85	0%	85	27-Jul-19					
MD-EMGF1190	ABWF Works ready for E&M Mobilization to Elv Plant Rooms - G/F	0	0%	0	27-Jul-19					
MD-EMGF1200	E&M Installation - Elv Plant Rooms - G/F	60	0%	60	17-Aug-19					
R/F										
MD-EMRF1000	ABWF Works ready for E&M Mobilization to R/F	0	0%	0	29-Aug-19					
MD-EMRF1010	E&M Installation - 1st fix - R/F	30	0%	30	29-Aug-19					
E&M Works for North Ventilation Building										
Installation										
TVF Installation										
SB-NVB-TVF3										
TVF-NVB0220	Preparation Works	6	0%	6	20-Jun-19	26-Jun-19				
TVF-NVB1480	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	12	0%	12	27-Jun-19	11-Jul-19				
TVF-NVB1490	Damper/Silencer and duct installation - Lower Attenuator Room (B1/F)	12	0%	12	12-Jul-19	25-Jul-19				
TVF-NVB1500	Ventilation fan and duct installation - Fan Room (G/F)	6	0%	6	26-Jul-19	01-Aug-19				
TVF-NVB1510	Leakage test for TVF	8	0%	8	02-Aug-19	10-Aug-19				
SB-NVB-TVF4										
TVF-NVB0230	Preparation Works	6	0%	6	20-Jun-19	26-Jun-19				
TVF-NVB1520	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	12	0%	12	27-Jun-19	11-Jul-19				
TVF-NVB1530	Damper/Silencer and duct installation - Lower Attenuator Room (B1/F)	12	0%	12	12-Jul-19	25-Jul-19				
TVF-NVB1540	Ventilation fan and duct installation - Fan Room (G/F)	6	0%	6	26-Jul-19	01-Aug-19				
TVF-NVB1550	Leakage test for TVF	8	0%	8	02-Aug-19	10-Aug-19				
NB-NVB-TVF2										
TVF-NVB0110	Preparation Works	6	0%	6	12-Jul-19	18-Jul-19				
TVF-NVB1040	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	12	0%	12	19-Jul-19	01-Aug-19				
TVF-NVB1050	Damper/Silencer and duct installation - Lower Attenuator Room (B1/F)	12	0%	12	02-Aug-19	15-Aug-19				
TVF-NVB1060	Ventilation fan and duct installation - Fan Room (G/F)	6	0%	6	16-Aug-19	22-Aug-19				
TVF-NVB1070	Leakage test for TVF	8	0%	8	23-Aug-19	31-Aug-19				
NB-NVB-TVF3										
TVF-NVB0120	Preparation Works	6	0%	6	12-Jul-19	18-Jul-19				
TVF-NVB1080	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	12	0%	12	19-Jul-19	01-Aug-19				
TVF-NVB1090	Damper/Silencer and duct installation - Lower Attenuator Room (B1/F)	12	0%	12	02-Aug-19	15-Aug-19				
TVF-NVB1100	Ventilation fan and duct installation - Fan Room (G/F)	6	0%	6	16-Aug-19	22-Aug-19				
TVF-NVB1110	Leakage test for TVF	8	0%	8	23-Aug-19	31-Aug-19				
SB-NVB-TVF1										
TVF-NVB0200	Preparation Works	6	0%	6	02-Aug-19	08-Aug-19				
TVF-NVB1400	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	12	0%	12	09-Aug-19	22-Aug-19				
TVF-NVB1410	Damper/Silencer and duct installation - Lower Attenuator Room (B1/F)	12	0%	12	23-Aug-19	05-Sep-19				
TVF-NVB1420	Ventilation fan and duct installation - Fan Room (G/F)	6	0%	6	06-Sep-19	12-Sep-19				
TVF-NVB1430	Leakage test for TVF	8	0%	8	13-Sep-19	23-Sep-19				
SB-NVB-TVF2										
TVF-NVB0210	Preparation Works	6	0%	6	02-Aug-19	08-Aug-19				
TVF-NVB1440	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	12	0%	12	09-Aug-19	22-Aug-19				
TVF-NVB1450	Damper/Silencer and duct installation - Lower Attenuator Room (B1/F)	12	0%	12	23-Aug-19	05-Sep-19				

CONTRACT NO. HY2017/10
NORTHERN TUNNEL CONNECTION BUILDING E&M WORKS
THREE MONTHLY PROGRAMME AS OF 20 JUN 2019

P 15/25

Date	Revision	Checked	Approved
20-Jun-19			

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019				
							Jun	Jul	Aug	Sep	
TVF-NVB1460	Ventilation fan and duct installation - Fan Room (G/F)	6	0%	6	06-Sep-19	12-Sep-19					
TVF-NVB1470	Leakage test for TVF	8	0%	8	13-Sep-19	23-Sep-19					
NB-NVB-TVF-1											
TVF-NVB0100	Preparation Works	6	0%	6	23-Aug-19	29-Aug-19					
TVF-NVB1000	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	12	0%	12	30-Aug-19	12-Sep-19					
TVF-NVB1010	Damper/Silencer and duct installation - Lower Attenuator Room (B1/F)	12	0%	12	13-Sep-19	27-Sep-19					
NB-NVB-TVF-4											
TVF-NVB0130	Preparation Works	6	0%	6	23-Aug-19	29-Aug-19					
TVF-NVB1120	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	12	0%	12	30-Aug-19	12-Sep-19					
TVF-NVB1130	Damper/Silencer and duct installation - Lower Attenuator Room (B1/F)	12	0%	12	13-Sep-19	27-Sep-19					
NB-NVB-TVF-5											
TVF-NVB0140	Preparation Works	6	0%	6	12-Jul-19	18-Jul-19					
TVF-NVB1160	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	12	0%	12	19-Jul-19	01-Aug-19					
TVF-NVB1170	Damper/Silencer and duct installation - Lower Attenuator Room (B1/F)	12	0%	12	02-Aug-19	15-Aug-19					
TVF-NVB1180	Ventilation fan and duct installation - Fan Room (G/F)	6	0%	6	16-Aug-19	22-Aug-19					
TVF-NVB1190	Leakage test for TVF	8	0%	8	23-Aug-19	31-Aug-19					
NB-NVB-TVF-6											
TVF-NVB0150	Preparation Works	6	0%	6	12-Jul-19	18-Jul-19					
TVF-NVB1200	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	12	0%	12	19-Jul-19	01-Aug-19					
TVF-NVB1210	Damper/Silencer and duct installation - Lower Attenuator Room (B1/F)	12	0%	12	02-Aug-19	15-Aug-19					
TVF-NVB1220	Ventilation fan and duct installation - Fan Room (G/F)	6	0%	6	16-Aug-19	22-Aug-19					
TVF-NVB1230	Leakage test for TVF	8	0%	8	23-Aug-19	31-Aug-19					
NB-NVB-TVF-7											
TVF-NVB0160	Preparation Works	6	0%	6	02-Aug-19	08-Aug-19					
TVF-NVB1240	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	12	0%	12	09-Aug-19	22-Aug-19					
TVF-NVB1250	Damper/Silencer and duct installation - Lower Attenuator Room (B1/F)	12	0%	12	23-Aug-19	05-Sep-19					
TVF-NVB1260	Ventilation fan and duct installation - Fan Room (G/F)	6	0%	6	06-Sep-19	12-Sep-19					
TVF-NVB1270	Leakage test for TVF	8	0%	8	13-Sep-19	23-Sep-19					
NB-NVB-TVF-8											
TVF-NVB0170	Preparation Works	6	0%	6	02-Aug-19	08-Aug-19					
TVF-NVB1280	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	12	0%	12	09-Aug-19	22-Aug-19					
TVF-NVB1290	Damper/Silencer and duct installation - Lower Attenuator Room (B1/F)	12	0%	12	23-Aug-19	05-Sep-19					
TVF-NVB1300	Ventilation fan and duct installation - Fan Room (G/F)	6	0%	6	06-Sep-19	12-Sep-19					
TVF-NVB1310	Leakage test for TVF	8	0%	8	13-Sep-19	23-Sep-19					
NB-NVB-TVF-9											
TVF-NVB0180	Preparation Works	6	0%	6	23-Aug-19	29-Aug-19					
TVF-NVB1320	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	12	0%	12	30-Aug-19	12-Sep-19					
TVF-NVB1330	Damper/Silencer and duct installation - Lower Attenuator Room (B1/F)	12	0%	12	13-Sep-19	27-Sep-19					
NB-NVB-TVF-10											
TVF-NVB0190	Preparation Works	6	0%	6	23-Aug-19	29-Aug-19					
TVF-NVB1360	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	12	0%	12	30-Aug-19	12-Sep-19					
TVF-NVB1370	Damper/Silencer and duct installation - Lower Attenuator Room (B1/F)	12	0%	12	13-Sep-19	27-Sep-19					
B2/F											
NVB-EMB21010	E&M Installation - 1st fix - B2/F	50	82%	9	21-Nov-18 A	29-Jun-19					
NVB-EMB21020	E&M Installation - 2nd fix - B2/F	50	56%	22	28-Nov-18 A	26-Jul-19					
NVB-EMB21030	E&M Installation - Final fix - B2/F	50	5%	48	24-Jan-19 A	21-Sep-19					
NVB-EMB21060	E&M Installation - Electrical Plant Rooms - B2/F	90	0%	90	20-Jun-19	05-Oct-19					
NVB-EMB21080	E&M Installation - MVAC Plant Rooms - B2/F	60	0%	60	20-Jun-19	29-Aug-19					

CONTRACT NO. HY2017/10
NORTHERN TUNNEL CONNECTION BUILDING E&M WORKS
THREE MONTHLY PROGRAMME AS OF 20 JUN 2019

P 16/25

Date	Revision	Checked	Approved
20-Jun-19			

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019			
							Jun	Jul	Aug	Sep
NVB-EMB21100	E&M Installation - FS Plant Rooms - B2/F	45	0%	45	20-Jun-19	12-Aug-19				
NVB-EMB21120	E&M Installation - PD Plant Rooms - B2/F	60	0%	60	08-Jul-19	16-Sep-19				
NVB-EMB21140	E&M Installation - Elv Plant Rooms - B2/F	45	0%	45	16-Aug-19	11-Oct-19				
B1/F										
NVB-EMB11010	E&M Installation - 1st fix - B1/F	50	73%	14	19-Nov-18 A	06-Jul-19				
NVB-EMB11020	E&M Installation - 2nd fix - B1/F	50	55%	23	26-Nov-18 A	01-Aug-19				
NVB-EMB11030	E&M Installation - Final fix - B1/F	50	4%	48	24-Jan-19 A	27-Sep-19				
NVB-EMB11060	E&M Installation - Electrical Plant Rooms - B1/F	90	0%	90	20-Jun-19	05-Oct-19				
NVB-EMB11080	E&M Installation - MVAC Plant Rooms - B1/F	60	0%	60	20-Jun-19	29-Aug-19				
NVB-EMB11100	E&M Installation - Elv Plant Rooms - B1/F	45	0%	45	16-Aug-19	11-Oct-19				
G/F										
NVB-EMGF1010	E&M Installation - 1st fix - G/F	50	83%	9	01-Aug-18 A	29-Jun-19				
NVB-EMGF1020	E&M Installation - 2nd fix - G/F	50	56%	22	08-Aug-18 A	26-Jul-19				
NVB-EMGF1030	E&M Installation - Final fix - G/F	50	4%	48	24-Jan-19 A	21-Sep-19				
NVB-EMGF1070	Installation by CLP - CLPP HV Switch Room - G/F	82	51.22%	40	14-Feb-19 A	06-Aug-19				
NVB-EMGF1120	E&M Installation - Genset Room & Fuel Tank Room - G/F	80	0%	80	05-Sep-19	11-Dec-19				
NVB-EMGF1140	E&M Installation - Electrical Plant Rooms - G/F	50	0%	50	24-Aug-19	25-Oct-19				
NVB-EMGF1160	E&M Installation - MVAC Plant Rooms - G/F	52	0%	52	19-Aug-19	21-Oct-19				
NVB-EMGF1180	E&M Installation - FS Plant Rooms - G/F	90	0%	90	20-Jun-19	05-Oct-19				
NVB-EMGF1200	E&M Installation - PD Plant Rooms - G/F	90	0%	90	08-Jul-19	24-Oct-19				
1/F										
NVB-EM1F1010	E&M Installation - 1st fix - 1/F	50	65%	18	03-Sep-18 A	11-Jul-19				
NVB-EM1F1020	E&M Installation - 2nd fix - 1/F	50	49%	26	10-Sep-18 A	09-Aug-19				
NVB-EM1F1030	E&M Installation - Final fix - 1/F	50	5%	48	31-Jan-19 A	08-Oct-19				
NVB-EM1F1050	E&M Installation - LV Switch Room - 1/F	40	0%	40	26-Jul-19	10-Sep-19				
NVB-EM1F1060	Cable laying - LV Switch Room - 1/F	58	0%	58	30-Aug-19	08-Nov-19				
NVB-EM1F1090	E&M Installation - 11kV Switch & Tx Room 1 - 1/F	60	0%	60	02-Jul-19	10-Sep-19				
NVB-EM1F1150	E&M Installation - 11kV Switch & Tx Room 2 - 1/F	60	0%	60	02-Jul-19	10-Sep-19				
NVB-EM1F1220	E&M Installation - Electrical Plant Rooms - 1/F	50	0%	50	21-Aug-19	21-Oct-19				
NVB-EM1F1240	E&M Installation - MVAC Plant Rooms - 1/F	90	0%	90	20-Jun-19	05-Oct-19				
NVB-EM1F1260	E&M Installation - FS Plant Rooms - 1/F	90	0%	90	19-Jul-19	04-Nov-19				
2/F										
NVB-EM2F1010	E&M Installation - 1st fix - 2/F	50	63%	19	08-Oct-18 A	12-Jul-19				
NVB-EM2F1020	E&M Installation - 2nd fix - 2/F	50	40%	30	15-Oct-18 A	16-Aug-19				
NVB-EM2F1030	E&M Installation - Final fix - 2/F	50	5%	48	07-Feb-19 A	14-Oct-19				
NVB-EM2F1060	E&M Installation - Electrical Plant Rooms - 2/F	50	0%	50	21-Aug-19	21-Oct-19				
NVB-EM2F1080	E&M Installation - MVAC Plant Rooms - 2/F	60	0%	60	19-Aug-19	30-Oct-19				
NVB-EM2F1100	E&M Installation - Elv Plant Rooms - 2/F	45	0%	45	21-Aug-19	15-Oct-19				
Lift Installation (L01 & L02)										
NVB-LF1020	Lift & lift machine room installation	73	0%	73	19-Jul-19	15-Oct-19				
Remaining E&M Works for Kiosk N2 (Structure Completed under KD2)										
EN2120	ABWF Works (Door, windows, tiles)	30	0%	30	20-Jun-19	25-Jul-19				
EN2130	E&M Works	31	0%	31	26-Jul-19	30-Aug-19				
EN2140	Testing & Commissioning	12	0%	12	31-Aug-19	13-Sep-19				
Key Date 3 - Satellite Control Building & TCCS Provision										
Building Structure										
SCB140	First Floor	12	25%	9	14-May-19 A	29-Jun-19				
SCB150	Lower Roof Slab	12	0%	12	02-Jul-19	15-Jul-19				

CONTRACT NO. HY2017/10
NORTHERN TUNNEL CONNECTION BUILDING E&M WORKS
THREE MONTHLY PROGRAMME AS OF 20 JUN 2019

P 17/25

Date	Revision	Checked	Approved
20-Jun-19			

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019			
							Jun	Jul	Aug	Sep
SCB160	Second Floor	12	0%	12	16-Jul-19	29-Jul-19				
SCB170	Upper Roof Slab	15	0%	15	30-Jul-19	15-Aug-19				
ABWF Works (for All)										
ASCB1000	Blockwork Walls	19	0%	19	16-Jul-19	06-Aug-19				
ASCB1010	Door and Window Frames	19	0%	19	16-Jul-19	06-Aug-19				
ASCB1020	ABWF Works to Plant Rooms G/F	60	0%	60	23-Jul-19	02-Oct-19				
ASCB1021	ABWF Works to Plant Rooms 1/F	60	0%	60	30-Jul-19	10-Oct-19				
ASCB1022	ABWF Works to Plant Rooms 2/F	60	0%	60	06-Aug-19	17-Oct-19				
ASCB1030	ABWF Works to Office and Corridors G/F	95	0%	95	23-Jul-19	13-Nov-19				
ASCB1031	ABWF Works to Office and Corridors 1/F	95	0%	95	06-Aug-19	27-Nov-19				
ASCB1040	ABWF Works to Toilets 1/F	103	0%	103	23-Jul-19	22-Nov-19				
ASCB1050	Waterproofing and Roofing	50	0%	50	23-Jul-19	19-Sep-19				
ASCB1060	External Cladding and Wall Plastering	101	0%	101	23-Jul-19	20-Nov-19				
Provision for TCSS Installation										
SCB210	Cable Containment Installation to enable TCSS installation	62	0%	62	04-Sep-19	18-Nov-19				
Key Date 5 - E&M Works for TCB, Toll Area, Kiosk N1, Underpass, Plant Rm, and Approach Roads										
Carpark Canopy										
ETCB150	Steelwork for Canopy Structure	90	0%	90	20-Jun-19	05-Oct-19				
E&M Works for TCB										
Installation										
Basement										
TCB-EM1001	E&M Installation - 1st fix - Basement	60	18%	49	10-Apr-19 A	17-Aug-19				
TCB-EM1002	E&M Installation - 2nd fix - Basement	60	1%	59	04-Jun-19 A	29-Oct-19				
G/F										
TCB-EMGF1010	E&M Installation - 1st fix - G/F	60	51%	29	15-Feb-19 A	25-Jul-19				
TCB-EMGF1020	E&M Installation - 2nd fix - G/F	60	1%	59	15-May-19 A	04-Oct-19				
TCB-EMGF1070	Installation by CLP - CLP Tx Room - G/F	60	70%	18	14-Feb-19 A	11-Jul-19				
TCB-EMGF1100	ABWF Works ready for E&M Mobilization to LV Switch Room - G/F	0	100%	0	20-Jun-19 A					
TCB-EMGF1110	E&M Installation - LV Switch Room - G/F	70	0%	70	26-Jul-19	18-Oct-19				
TCB-EMGF1140	ABWF Works ready for E&M Mobilization to Generator & Fuel Tank Rooms - G/F	0	0%	0	20-Jun-19					
TCB-EMGF1150	E&M Installation - Generator & Fuel Tank Rooms - G/F	90	0%	90	05-Sep-19	23-Dec-19				
TCB-EMGF1170	ABWF Works ready for E&M Mobilization to Electrical Plant Rooms - G/F	0	0%	0	20-Jun-19					
TCB-EMGF1190	ABWF Works ready for E&M Mobilization to MVAC Plant Rooms - G/F	0	0%	0	20-Jun-19					
TCB-EMGF1200	E&M Installation - MVAC Plant Rooms - G/F	90	0%	90	16-Jul-19	31-Oct-19				
TCB-EMGF1210	ABWF Works ready for E&M Mobilization to FS Plant Rooms - G/F	0	0%	0	20-Jun-19					
TCB-EMGF1220	E&M Installation - FS Plant Rooms - G/F	90	0%	90	29-Jun-19	16-Oct-19				
TCB-EMGF1230	ABWF Works ready for E&M Mobilization to PD Plant Rooms - G/F	0	0%	0	20-Jun-19					
TCB-EMGF1240	E&M Installation - PD Plant Rooms - G/F	60	0%	60	08-Jul-19	16-Sep-19				
1/F										
TCB-EM1F1010	E&M Installation - 1st fix - 1/F	60	61%	23	26-Mar-19 A	18-Jul-19				
TCB-EM1F1020	E&M Installation - 2nd fix - 1/F	60	1%	59	20-May-19 A	27-Sep-19				
TCB-EM1F1050	ABWF Works ready for E&M Mobilization to Electrical Plant Rooms - 1/F	0	0%	0	20-Jun-19					
TCB-EM1F1060	E&M Installation - Electrical Plant Rooms - 1/F	90	0%	90	24-Aug-19	11-Dec-19				
TCB-EM1F1070	ABWF Works ready for E&M Mobilization to FS Plant Rooms - 1/F	0	0%	0	20-Jun-19					
TCB-EM1F1080	E&M Installation - FS Plant Rooms - 1/F	90	0%	90	29-Jun-19	16-Oct-19				
TCB-EM1F1090	ABWF Works ready for E&M Mobilization to PD Plant Rooms - 1/F	0	0%	0	20-Jun-19					
2/F										
TCB-EM2F1010	E&M Installation - 1st fix - 2/F	48	65%	17	04-Apr-19 A	10-Jul-19				

CONTRACT NO. HY2017/10
NORTHERN TUNNEL CONNECTION BUILDING E&M WORKS
THREE MONTHLY PROGRAMME AS OF 20 JUN 2019

P 18/25

Date	Revision	Checked	Approved
20-Jun-19			

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019				
							Jun	Jul	Aug	Sep	
TCB-EM2F1020	E&M Installation - 2nd fix - 2/F	48	1%	48	30-May-19 A	04-Sep-19					
TCB-EM2F1050	ABWF Works ready for E&M Mobilization to Electrical Plant Rooms - 2/F	0	0%	0	19-Jul-19						
TCB-EM2F1070	ABWF Works ready for E&M Mobilization to MVAC Plant Rooms - 2/F	0	0%	0	19-Jul-19						
TCB-EM2F1080	E&M Installation - MVAC Plant Rooms - 2/F	90	0%	90	19-Jul-19	04-Nov-19					
TCB-EM2F1090	ABWF Works ready for E&M Mobilization to Elv Plant Rooms - 2/F	0	0%	0	19-Jul-19						
TCB-EM2F1100	E&M Installation - Elv Plant Rooms - 2/F	60	0%	60	17-Aug-19	29-Oct-19					
Roof											
TCB-EMRF1000	ABWF Works ready for E&M Mobilization to Roof	0	0%	0	19-Jul-19						
TCB-EMRF1010	E&M Installation - 1st fix - Roof	50	0%	50	19-Jul-19	16-Sep-19					
TCB-EMRF1020	E&M Installation - 2nd fix - Roof	50	0%	50	19-Sep-19	18-Nov-19					
Lift Installation (L01)											
TCB-LF1000	Access to lift shaft and lift machine room	0	0%	0	24-Jun-19						
TCB-LF1010	Lift & lift machine room installation	90	0%	90	19-Jul-19	04-Nov-19					
Toll Area											
South Bound											
ETA120	Possess Portions IX, XIX, XX1a, XX1b	0	0%	0	20-Jun-19						
ETA130	Installation of South Bound Toll Booths	30	0%	30	20-Jun-19	25-Jul-19					
ETA140	South Bound Toll Booths - E&M installation 1st fix	36	0%	36	26-Jul-19	05-Sep-19					
ETA150	Toll Booth Subway - E&M installation 1st fix	48	0%	48	06-Sep-19	04-Nov-19					
North Bound											
ETA190	Possess Portion XI	0	0%	0	20-Jun-19						
ETA200	Installation of North Bound Toll Booths	30	0%	30	20-Jun-19	25-Jul-19					
ETA210	North Bound Toll Booths - E&M installation 1st fix	36	0%	36	26-Jul-19	05-Sep-19					
ETA220	Toll Booth Subway - E&M installation 1st fix	48	0%	48	06-Sep-19	04-Nov-19					
Kiosk N1											
EN120	Possess Portion IX	0	0%	0	20-Jun-19						
EN130	Structure	48	0%	48	20-Jun-19	15-Aug-19					
EN140	ABWF Works (Door, windows, tiles)	30	0%	30	16-Aug-19	20-Sep-19					
Underpass											
E&M Works at Underpass											
EU110	Satge 1 E&M Works Completed for TCSS (under KD4)	0	0%	0		04-Jul-19					
VU110	Jet Fans installation	24	0%	24	04-Jul-19	31-Jul-19					
VU140	Dampers installation	24	0%	24	01-Aug-19	28-Aug-19					
VU150	Cabling Works	36	0%	36	04-Jul-19	15-Aug-19					
VU170	High Level works - Tunnel Lighting	39	0%	39	15-Aug-19	02-Oct-19					
VU180	Cladding Works	25	0%	25	15-Aug-19	13-Sep-19					
Plant Room											
E&M Works											
EPR120	Blockwork Wall & ABWF Works	90	60%	36	02-Nov-18 A	01-Aug-19					
EPR130	E&M Installation	90	15%	77	03-Jan-19 A	10-Oct-19					
EPR140	External Works	82	0%	82	15-Aug-19	22-Nov-19					
VU160	Pressurization Fans Installation	24	0%	24	01-Aug-19	28-Aug-19					
Deck Void											
TD1, TD2, RB_W											
DV180	Possess Portions X, IX and XI	0	0%	0	20-Jun-19						
Bridge H1, G1, G2											
DV110	Possess Portions IX	0	0%	0	20-Jun-19						
DV120	Electrical Installation - Bridge H1	28	0%	28	20-Jun-19	23-Jul-19					

CONTRACT NO. HY2017/10
NORTHERN TUNNEL CONNECTION BUILDING E&M WORKS
THREE MONTHLY PROGRAMME AS OF 20 JUN 2019

P 19/25

Date	Revision	Checked	Approved
20-Jun-19			

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019			
							Jun	Jul	Aug	Sep
DV130	Electrical Installation - Bridge G1	28	0%	28	24-Jul-19	24-Aug-19				
DV140	Electrical Installation - Bridge G2	28	0%	28	26-Aug-19	27-Sep-19				
Approach Roads										
Under Portions IX, XI, XX										
AR120	Possess Portions IX and XI	0	0%	0	20-Jun-19					
AR130	Cabling works - Portion IX	45	0%	45	20-Jun-19	12-Aug-19				
AR133	Cabling works - Portion XI	45	0%	45	13-Aug-19	05-Oct-19				
AR140	Road lighting installation & termination - Portion IX	25	0%	25	19-Jul-19	16-Aug-19				
AR145	Road lighting installation & termination - Portion XI	25	0%	25	10-Sep-19	11-Oct-19				
Under Portion X										
AR170	Possess Portions X	0	0%	0	20-Jun-19					
AR176	Underground Cable Duct Installation (by others)	61	50%	31	22-Apr-19 A	26-Jul-19				
AR180	Cabling works in portion X	90	0%	90	26-Jul-19	12-Nov-19				
AR190	Road lighting installation & termination in portion X	90	0%	90	09-Aug-19	26-Nov-19				
Key Date 6B - E&M Works for South Vent Duct, Tunnel, and Approach Roads										
E&M Works										
SVD120	Access to Portions III	0	0%	0	17-Jul-19					
Service Gallery										
Ch 7200 - 5000										
TNL-SG1000	Drilling works CH7200 - 5000	12	14%	10	16-Apr-19 A	03-Jul-19				
TNL-SG1010	Wall Mounted Pipe Module Installation CH7200 - 5000	30	14%	26	23-Apr-19 A	02-Aug-19				
TNL-SG1020	Ceiling Mounted Module Delivery CH7200 - 5000	30	14%	26	30-Apr-19 A	31-Aug-19				
TNL-SG1030	High Level 2nd Fix and Final Fix Installation CH7200 - 5000	46	0%	46	03-Sep-19	30-Oct-19				
TNL-SG1040	Cabling Works CH7200 - 5000	29	0%	29	31-Aug-19	08-Oct-19				
CH5000 - 3050										
TNL-SG1060	Drilling works CH5000 - 3050	12	0%	12	17-Jul-19	30-Jul-19				
TNL-SG1070	Wall Mounted Pipe Module Installation CH5000 - 3050	30	0%	30	02-Aug-19	06-Sep-19				
TNL-SG1080	Ceiling Mounted Module Delivery CH5000 - 3050	30	0%	30	06-Sep-19	15-Oct-19				
Road Level & OHVD										
Ch 7200 - 5000										
Ch 7200 - 6700										
TNU-RL1770	Bracket fixing on side wall - CH7200 to 6700	8	83.01%	1	15-Apr-19 A	21-Jun-19				
TNU-RL1775	Installation Works by Others (to be coordinated)	50	0%	50	21-Jun-19	19-Aug-19				
TNU-RL1790	Lighting in the middle of tunnels - CH7200 to 6700	8	0%	8	20-Jun-19	28-Jun-19				
TNU-RL1800	FH/ HR pipe installation - CH7200 to 6700	8	70%	2	02-Apr-19 A	03-Jul-19				
TNU-RL1830	Cabling Works on Brackets - CH7200 to 6700	14	38.99%	9	16-Apr-19 A	12-Jul-19				
TNU-RL1840	MSFD delivery in OHVD - CH7200 to 6700	9	43%	5	10-Jun-19 A	09-Jul-19				
TNU-RL1870	MSFD installation works in OHVD - CH7200 to 6700	9	43%	5	10-Jun-19 A	15-Jul-19				
TNU-RL1880	High level wiring works and remaining High level works in the middle of tunnels - CH7200 to 6700	20	0%	20	12-Jul-19	05-Aug-19				
TNU-RL1910	Low level works - FS nicle module - CH7200 to 6700	10	0%	10	24-Jul-19	05-Aug-19				
TNU-RL1930	Low level works - FS nicle connection - CH7200 to 6700	10	0%	10	26-Jul-19	07-Aug-19				
TNU-RL1940	Final connection to small powers - CH7200 to 6700	10	0%	10	07-Aug-19	19-Aug-19				
TNU-RL1970	Cladding works - CH7200 to 6700	13	0%	13	19-Aug-19	03-Sep-19				
Ch 6700 - 6100										
TNU-RL1000	Bracket fixing on side wall - CH6700 to 6100	10	83%	2	15-Apr-19 A	24-Jun-19				
TNU-RL1005	Installation Works by Others (to be coordinated)	72	0%	72	24-Jun-19	17-Sep-19				
TNU-RL1010	Lighting in the middle of tunnels - CH6700 to 6100	9	13%	8	11-Jun-19 A	09-Jul-19				
TNU-RL1020	FH/ HR pipe installation - CH6700 to 6100	10	85%	2	16-Apr-19 A	11-Jul-19				

CONTRACT NO. HY2017/10
NORTHERN TUNNEL CONNECTION BUILDING E&M WORKS
THREE MONTHLY PROGRAMME AS OF 20 JUN 2019

P 20/25

Date	Revision	Checked	Approved
20-Jun-19			

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019			
							Jun	Jul	Aug	Sep
TNU-RL1030	Cabling Works on Brackets - CH6700 to 6100	17	15%	14	16-Apr-19 A	30-Jul-19				
TNU-RL1040	MSFD delivery in OHVD - CH6700 to 6100	11	44.01%	6	18-May-19 A	16-Jul-19				
TNU-RL1050	MSFD installation works in OHVD - CH6700 to 6100	11	44.01%	6	18-May-19 A	23-Jul-19				
TNU-RL1060	High level wiring works and remaining High level works in the middle of tunnels - CH6700 to 6100	24	0%	24	05-Aug-19	02-Sep-19				
TNU-RL1070	Low level works - FS nicle module - CH6700 to 6100	12	0%	12	19-Aug-19	02-Sep-19				
TNU-RL1080	Low level works - FS nicle connection - CH6700 to 6100	12	0%	12	21-Aug-19	04-Sep-19				
TNU-RL1090	Final connection to small powers - CH6700 to 6100	10	0%	10	04-Sep-19	17-Sep-19				
TNU-RL1100	Cladding works - CH6700 to 6100	15	0%	15	17-Sep-19	05-Oct-19				
Ch6100 - 5600										
TNU-RL1110	Bracket fixing on side wall - CH6100 to 5600	8	83.01%	1	15-Apr-19 A	25-Jun-19				
TNU-RL1115	Installation Works by Others (to be coordinated)	91	0%	91	25-Jun-19	12-Oct-19				
TNU-RL1120	Lighting in the middle of tunnels - CH6100 to 5600	8	95%	0	11-Jun-19 A	10-Jul-19				
TNU-RL1130	FH/ HR pipe installation - CH6100 to 5600	8	90%	1	09-Apr-19 A	12-Jul-19				
TNU-RL1140	Cabling Works on Brackets - CH6100 to 5600	14	37%	9	23-Apr-19 A	09-Aug-19				
TNU-RL1150	MSFD delivery in OHVD - CH6100 to 5600	9	0%	9	16-Jul-19	26-Jul-19				
TNU-RL1160	MSFD installation works in OHVD - CH6100 to 5600	9	0%	9	26-Jul-19	06-Aug-19				
TNU-RL1170	High level wiring works and remaining High level works in the middle of tunnels - CH6100 to 5600	20	0%	20	02-Sep-19	26-Sep-19				
TNU-RL1180	Low level works - FS nicle module - CH6100 to 5600	10	0%	10	13-Sep-19	26-Sep-19				
TNU-RL1190	Low level works - FS nicle connection - CH6100 to 5600	10	0%	10	17-Sep-19	28-Sep-19				
CH 5600 - 5000										
TNU-RL1220	Bracket fixing on side wall - CH5600 to 5000	10	83%	2	15-Apr-19 A	27-Jun-19				
TNU-RL1225	Installation Works by Others (to be coordinated)	113	0%	113	27-Jun-19	09-Nov-19				
TNU-RL1240	FH/ HR pipe installation - CH5600 to 5000	10	85%	2	16-Apr-19 A	10-Sep-19				
TNU-RL1250	Cabling Works on Brackets - CH5600 to 5000	17	44%	10	23-Apr-19 A	23-Sep-19				
TNU-RL1260	MSFD delivery in OHVD - CH5600 to 5000	11	0%	11	26-Jul-19	08-Aug-19				
TNU-RL1270	MSFD installation works in OHVD - CH5600 to 5000	11	0%	11	08-Aug-19	21-Aug-19				
CH5000 - 3050										
CH5000 - 4500										
TNU-RL1780	Bracket fixing on side wall - CH5000 to 4500	8	15%	7	15-Jun-19 A	24-Jul-19				
TNU-RL1785	Installation Works by Others (to be coordinated)	110	0%	110	24-Jul-19	03-Dec-19				
TNU-RL1810	Lighting in the middle of tunnels - CH5000 to 4500	8	0%	8	18-Sep-19	26-Sep-19				
TNU-RL1820	FH/ HR pipe installation - CH5000 to 4500	8	75%	2	06-May-19 A	28-Sep-19				
TNU-RL1850	Cabling Works on Brackets - CH5000 to 4500	14	22%	11	14-May-19 A	14-Oct-19				
CH4500 - 4000										
TNU-RL1330	Bracket fixing on side wall - CH4500 to 4000	8	0%	8	24-Jul-19	02-Aug-19				
TNU-RL1335	Installation Works by Others (to be coordinated)	122	0%	122	02-Aug-19	28-Dec-19				
TNU-RL1350	FH/ HR pipe installation - CH4500 to 4000	8	65%	3	14-May-19 A	11-Oct-19				
TNU-RL1360	Cabling Works on Brackets - CH4500 to 4000	14	22%	11	20-May-19 A	26-Oct-19				
CH4000 - 3500										
TNU-RL1440	Bracket fixing on side wall - CH4000 to 3500	8	0%	8	02-Aug-19	12-Aug-19				
TNU-RL1445	Installation Works by Others (to be coordinated)	134	0%	134	12-Aug-19	22-Jan-20				
TNU-RL1460	FH/ HR pipe installation - CH4000 to 3500	8	35%	5	14-May-19 A	24-Oct-19				
CH3500 - 3050										
TNU-RL1550	Bracket fixing on side wall - CH3500 to 3050	8	0%	8	12-Aug-19	21-Aug-19				
TNU-RL1555	Installation Works by Others (to be coordinated)	146	0%	146	21-Aug-19	18-Feb-20				
Key Date 7 - E&M Works for Satellite Control Building and Kiosks S1&S2										
E&M Works for Satellite Control Building										
E&M Works										

CONTRACT NO. HY2017/10
NORTHERN TUNNEL CONNECTION BUILDING E&M WORKS
THREE MONTHLY PROGRAMME AS OF 20 JUN 2019

P 21/25

Date	Revision	Checked	Approved
20-Jun-19			

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019				
							Jun	Jul	Aug	Sep	
Installation											
GF											
SCB-EMGF10	ABWF Works ready for E&M Mobilization to General Areas - G/F	0	0%	0	03-Sep-19						
SCB-EMGF10	E&M Installation - 1st fix - G/F	30	0%	30	03-Sep-19						
SCB-EMGF10	ABWF Works ready for E&M Mobilization to Generator Room & Fuel Tank Room - G/F	0	0%	0	03-Sep-19						
SCB-EMGF10	ABWF Works ready for E&M Mobilization to LV Switch Room - G/F	0	0%	0	28-Aug-19						
SCB-EMGF10	E&M Installation - LV Switch Room - G/F	60	0%	60	02-Sep-19						
SCB-EMGF11	ABWF Works ready for E&M Mobilization to CLP Tx Room - G/F	0	0%	0	06-Aug-19						
SCB-EMGF11	E&M Installation - CLP Tx Room - G/F	18	0%	18	27-Aug-19						
SCB-EMGF11	Inspection & Handover to CLP	6	0%	6	18-Sep-19						
SCB-EMGF11	ABWF Works ready for E&M Mobilization to FS Plant Rooms - G/F	0	0%	0	03-Sep-19						
SCB-EMGF11	E&M Installation - FS Plant Rooms - G/F	80	0%	80	17-Sep-19						
SCB-EMGF11	ABWF Works ready for E&M Mobilization to PD Plant Rooms - G/F	0	0%	0	03-Sep-19						
SCB-EMGF12	E&M Installation - PD Plant Rooms - G/F	90	0%	90	03-Sep-19						
1F											
SCB-EM1F10	ABWF Works ready for E&M Mobilization to General Areas - 1/F	0	0%	0	18-Sep-19						
SCB-EM1F10	E&M Installation - 1st fix - 1/F	30	0%	30	18-Sep-19						
SCB-EM1F10	ABWF Works ready for E&M Mobilization to Computer Room (TCSS) - 1/F	0	0%	0	10-Sep-19						
SCB-EM1F10	ABWF Works ready for E&M Mobilization to EL Room - 1/F	0	0%	0	10-Sep-19						
SCB-EM1F10	ABWF Works ready for E&M Mobilization to FS Plant Rooms - 1/F	0	0%	0	10-Sep-19						
SCB-EM1F11	E&M Installation - FS Plant Rooms - 1/F	85	0%	85	10-Sep-19						
SCB-EM1F11	ABWF Works ready for E&M Mobilization to Elv Plant Room - 1/F	0	0%	0	10-Sep-19						
Kiosk S2											
S2110	Possess Portion Vib	0	0%	0		01-Sep-19					
S2120	Structure	30	0%	30	02-Sep-19	09-Oct-19					
Key Date 6C - E&M Works for South Ventilation Building											
SVB-SEM1000	SEM Drawings ready for Structural Works for SVB	0	0%	0	06-Jul-19						
Installation											
TVF Installation											
NB-SVB-TVF-1											
SVB-TVF2000	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	6	0%	6	30-Aug-19	05-Sep-19					
SVB-TVF2010	Damper/Silencer and duct installation - Lower Attenuator Room(B1/F)	7	0%	7	06-Sep-19	13-Sep-19					
NB-SVB-TVF-2											
SVB-TVF2040	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	6	0%	6	06-Sep-19	12-Sep-19					
SVB-TVF2050	Damper/Silencer and duct installation - Lower Attenuator Room(B1/F)	7	0%	7	16-Sep-19	23-Sep-19					
NB-SVB-TVF-3											
SVB-TVF2080	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	6	0%	6	13-Sep-19	20-Sep-19					
SB-SVB-TVF-1											
SVB-TVF2160	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	6	0%	6	30-Aug-19	05-Sep-19					
SVB-TVF2170	Damper/Silencer and duct installation - Lower Attenuator Room(B1/F)	7	0%	7	06-Sep-19	13-Sep-19					
SB-SVB-TVF-2											
SVB-TVF2200	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	6	0%	6	06-Sep-19	12-Sep-19					
SVB-TVF2210	Damper/Silencer and duct installation - Lower Attenuator Room(B1/F)	7	0%	7	16-Sep-19	23-Sep-19					
SB-SVB-TVF-3											
SVB-TVF2240	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	6	0%	6	13-Sep-19	20-Sep-19					
SB-SVB-TVF-5											
SVB-TVF2320	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	6	0%	6	30-Aug-19	05-Sep-19					
SVB-TVF2330	Damper/Silencer and duct installation - Lower Attenuator Room(B1/F)	7	0%	7	06-Sep-19	13-Sep-19					

CONTRACT NO. HY2017/10
NORTHERN TUNNEL CONNECTION BUILDING E&M WORKS
THREE MONTHLY PROGRAMME AS OF 20 JUN 2019

P 22/25

Date	Revision	Checked	Approved
20-Jun-19			

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019				
							Jun	Jul	Aug	Sep	
SB-SVB-TVF-6											
SVB-TVF2360	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	6	0%	6	06-Sep-19	12-Sep-19					
SVB-TVF2370	Damper/Silencer and duct installation - Lower Attenuator Room(B1/F)	7	0%	7	16-Sep-19	23-Sep-19					
SB-SVB-TVF-7											
SVB-TVF2400	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	6	0%	6	30-Aug-19	05-Sep-19					
SVB-TVF2410	Damper/Silencer and duct installation - Lower Attenuator Room(B1/F)	7	0%	7	06-Sep-19	13-Sep-19					
SB-SVB-TVF-8											
SVB-TVF2440	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	6	0%	6	06-Sep-19	12-Sep-19					
SVB-TVF2450	Damper/Silencer and duct installation - Lower Attenuator Room(B1/F)	7	0%	7	16-Sep-19	23-Sep-19					
SB-SVB-TVF-9											
SVB-TVF2480	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	6	0%	6	13-Sep-19	20-Sep-19					
B2/F											
SVB-EMB21010	E&M Installation - 1st fix - B2/F	25	0%	25	18-Mar-19 A	10-Aug-19					
SVB-EMB21060	E&M Installation - Electrical Plant Rooms- B2/F	40	0%	40	19-Aug-19	05-Oct-19					
SVB-EMB21080	E&M Installation - MVAC Palnt Rooms - B2/F	60	0%	60	05-Aug-19	16-Oct-19					
SVB-EMB21100	E&M Installation - FS Plant Rooms - B2/F	45	0%	45	17-Sep-19	09-Nov-19					
SVB-EMB21110	E&M Installation - PD Palnt Rooms - B2/F	60	0%	60	17-Sep-19	27-Nov-19					
B1/F											
SVB-EMB11000	E&M access to B1/F	0	0%	0	02-Jul-19						
SVB-EMB11010	E&M Installation - 1st fix - B1/F	25	0%	25	12-Jul-19	10-Aug-19					
SVB-EMB11020	E&M Installation - 2nd fix - B1/F	25	0%	25	10-Aug-19	09-Sep-19					
SVB-EMB11030	E&M Installation - Final fix - B1/F	25	0%	25	18-Sep-19	18-Oct-19					
SVB-EMB11060	E&M Installation - Electrical Plant Rooms - B1/F	40	0%	40	05-Aug-19	20-Sep-19					
SVB-EMB11080	E&M Installation - MVAC Plant Rooms - B1/F	60	0%	60	05-Aug-19	16-Oct-19					
SVB-EMB11100	E&M Installation - FS Plant Rooms - B1/F	48	0%	48	05-Aug-19	30-Sep-19					
SVB-EMB11120	E&M Installation - Elv Plant Rooms - B1/F	48	0%	48	05-Aug-19	30-Sep-19					
G/F											
SVB-EMGF1000	E&M access to G/F	0	0%	0	31-Jul-19						
SVB-EMGF1010	E&M Installation - 1st fix - G/F	25	0%	25	31-Jul-19	28-Aug-19					
SVB-EMGF1020	E&M Installation - 2nd fix - G/F	25	0%	25	29-Aug-19	27-Sep-19					
SVB-EMGF1050	E&M Installation - CLPP HV Switch Room - G/F	12	0%	12	05-Aug-19	17-Aug-19					
SVB-EMGF1060	Inspection & Handover to CLP	5	0%	5	19-Aug-19	23-Aug-19					
SVB-EMGF1070	Installation by CLP - CLPP HV Switch Room - G/F	24	0%	24	24-Aug-19	21-Sep-19					
SVB-EMGF1160	E&M Installation - MVAC Plant Rooms - G/F	40	0%	40	19-Aug-19	05-Oct-19					
SVB-EMGF1180	E&M Installation - FS Plant Rooms - G/F	40	0%	40	05-Aug-19	20-Sep-19					
SVB-EMGF1200	E&M Installation - PD Plant Rooms - G/F	40	0%	40	19-Aug-19	05-Oct-19					
SVB-EMGF1220	E&M Installation - Elv Plant Rooms - G/F	48	0%	48	05-Aug-19	30-Sep-19					
1/F											
SVB-EM1F1000	E&M access to 1/F	0	0%	0	30-Aug-19						
SVB-EM1F1010	E&M Installation - 1st fix - 1/F	25	0%	25	30-Aug-19	28-Sep-19					
SVB-EM1F1050	E&M Installation - 11kV Switch & Tx Room 1 - 1/F	41	0%	41	30-Aug-19	19-Oct-19					
SVB-EM1F1110	E&M Installation - 11kV Switch & Tx Room 2 - 1/F	41	0%	41	30-Aug-19	19-Oct-19					
SVB-EM1F1170	E&M Installation - LV Switch Room - 1/F	41	0%	41	04-Sep-19	25-Oct-19					
SVB-EM1F1220	E&M Installation - Electrical Plant Rooms - 1/F	50	0%	50	30-Aug-19	30-Oct-19					
SVB-EM1F1240	E&M Installation - MVAC Plant Rooms - 1/F	60	0%	60	30-Aug-19	11-Nov-19					
SVB-EM1F1260	E&M Installation - FS Plant Rooms - 1/F	50	0%	50	30-Aug-19	30-Oct-19					
SVB-EM1F1280	E&M Installation - ELV Plant Rooms - 1/F	50	0%	50	30-Aug-19	30-Oct-19					

Key Date 10 - FSD Building Structure & E&M Works

CONTRACT NO. HY2017/10
 NORTHERN TUNNEL CONNECTION BUILDING E&M WORKS
 THREE MONTHLY PROGRAMME AS OF 20 JUN 2019

P 23/25

Date	Revision	Checked	Approved
20-Jun-19			

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019				
							Jun	Jul	Aug	Sep	
Building Structure											
FSD210	Ground Floor	20	50%	10	11-May-19 A	02-Jul-19					
FSD220	First Floor	25	0%	25	03-Jul-19	31-Jul-19					
FSD230	Roof Slab	25	0%	25	01-Aug-19	29-Aug-19					
FSD240	Top Roof	18	0%	18	30-Aug-19	20-Sep-19					
ABWF Works											
AFSD1000	Blockwork Walls	25	0%	25	15-Aug-19	12-Sep-19					
AFSD1010	Door and Window Frames	19	0%	19	22-Aug-19	12-Sep-19					
AFSD1020	ABWF Works to Plant Rooms G/F	56	0%	56	22-Aug-19	29-Oct-19					
AFSD1021	ABWF Works to Plant Rooms 1/F	56	0%	56	29-Aug-19	05-Nov-19					
AFSD1030	ABWF Works to Office and Corridors G/F	124	0%	124	22-Aug-19	20-Jan-20					
AFSD1031	ABWF Works to Office and Corridors 1/F	124	0%	124	29-Aug-19	30-Jan-20					
AFSD1040	ABWF Works to Toilets G/F	136	0%	136	22-Aug-19	06-Feb-20					
AFSD1050	Waterproofing and Roofing	52	0%	52	05-Sep-19	07-Nov-19					
AFSD1060	External Cladding and Wall Plastering	101	0%	101	05-Sep-19	07-Jan-20					
E&M Works											
Installation											
FSDB-EMGF0001	E&M cast-in Installation	80	50%	40	20-May-19 A	06-Aug-19					
G/F											
FSDB-EMGF104	ABWF Works ready for E&M Mobilization to CLP TX Room - G/F	0	0%	0	05-Sep-19						
FSDB-EMGF105	E&M Installation - CLP Tx Room - G/F	18	0%	18	05-Sep-19	26-Sep-19					
Statutory Inspections and approvals											
FSDB-SI1000	Submission of Genset Exhaust Drawing to EPD	0	0%	0	20-Jun-19						
FSDB-SI1005	Review and Approval of Genset Exhaust Drawing by EPD	48	0%	48	20-Jun-19	15-Aug-19					
Key Date 9 - C&ED Building & E&M Works											
Building Structure											
CED220	Ground Floor	20	55%	9	04-May-19 A	29-Jun-19					
CED230	First Floor	25	0%	25	02-Jul-19	30-Jul-19					
CED240	Second Floor	25	0%	25	31-Jul-19	28-Aug-19					
CED250	Third Floor	32	0%	32	29-Aug-19	08-Oct-19					
ABWF Works											
ACED1000	Blockwork Walls	54	0%	54	29-Aug-19	02-Nov-19					
ACED1010	Door and Window Frames	48	0%	48	05-Sep-19	02-Nov-19					
ACED1020	ABWF Works to Plant Rooms G/F	60	0%	60	12-Sep-19	23-Nov-19					
ACED1030	ABWF Works to Office and Corridors G/F	133	0%	133	12-Sep-19	24-Feb-20					
ACED1040	ABWF Works to Toilets G/F	142	0%	142	12-Sep-19	05-Mar-20					
E&M Works											
Installation											
C&EDB-GF0001	E&M cast-in Installation	90	40%	54	18-May-19 A	22-Aug-19					
Statutory Inspections and approvals											
C&EDB-SI1000	Submission of Genset Exhaust Drawing to EPD	0	0%	0	20-Jun-19						
C&EDB-SI1005	Review and Approval of Genset Exhaust Drawing by EPD	48	0%	48	20-Jun-19	15-Aug-19					
Key Date 11 - Landscape Soft Works & Trees Protection											
Trees Protection											
SL196	Protection Existing Trees & Submit Report with Photographic Record No.7	41	29.27%	29	05-Jun-19 A	24-Jul-19					
SL197	Protection Existing Trees & Submit Report with Photographic Record No.8	41	0%	41	25-Jul-19	10-Sep-19					
SL198	Protection Existing Trees & Submit Report with Photographic Record No.9	41	0%	41	11-Sep-19	31-Oct-19					
Key Date 8 - All Works for Tunnel Commissioning & Opening											

CONTRACT NO. HY2017/10
NORTHERN TUNNEL CONNECTION BUILDING E&M WORKS
THREE MONTHLY PROGRAMME AS OF 20 JUN 2019

P 24/25

Date	Revision	Checked	Approved
20-Jun-19			

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019				
							Jun	Jul	Aug	Sep	
Petrol Filling Station											
Structure											
PS110	Possess Portion Vc	0	0%	0	20-Jun-19						
PS120	Excavation	20	0%	20	20-Jun-19	13-Jul-19					
PS130	Footing	20	0%	20	15-Jul-19	06-Aug-19					
PS140	Petrol Filling Station Roof	14	0%	14	07-Aug-19	22-Aug-19					
PS150	Structure for Petrol Filling Station	36	0%	36	07-Aug-19	18-Sep-19					
PS160	Underground Fuel Tank Structure	36	0%	36	07-Aug-19	18-Sep-19					
PS170	Backfilling	20	0%	20	19-Sep-19	14-Oct-19					
E&M Works											
EPS110	Miscellaneous ABWF Works	42	0%	42	19-Sep-19	08-Nov-19					
EPS120	Fuel Tank/Fuel Pipe System Installation	42	0%	42	19-Sep-19	08-Nov-19					
Statutory Inspections and approvals											
Administration Building											
ADB-SI1000	Submission of Genset Exhaust Drawing to EPD	0	0%	0	20-Jun-19						
ADB-SI1005	Review and Approval of Genset Exhaust Drawing by EPD	48	0%	48	20-Jun-19	15-Aug-19					
Maintenance Depot											
MD-SI1000	Submission of Genset Exhaust Drawing to EPD	0	0%	0	20-Jun-19						
MD-SI1005	Review and Approval of Genset Exhaust Drawing by EPD	48	0%	48	20-Jun-19	15-Aug-19					
North Ventilation Building											
NVB-SI1000	Submission of Genset Exhaust Drawing to EPD	0	0%	0	20-Jun-19						
NVB-SI1005	Review and Approval of Genset Exhaust Drawing by EPD	48	0%	48	20-Jun-19	15-Aug-19					
Toll Control Building & Toll Collector Subway											
TCB-SI0010	Submission of Genset Exhaust Drawing to EPD	0	0%	0	20-Jun-19						
TCB-SI0015	Review and Approval of Genset Exhaust Drawing by EPD	48	0%	48	20-Jun-19	15-Aug-19					
Satellite Control Building											
SCB-SI1000	Submission of Genset Exhaust Drawing to EPD	0	0%	0	21-Jun-19						
SCB-SI1005	Review and Approval of Genset Exhaust Drawing by EPD	48	0%	48	21-Jun-19	17-Aug-19					
South Ventilation Building											
SVB-SI1000	Submission of Genset Exhaust Drawing to EPD	0	0%	0	24-Jun-19						
SVB-SI1005	Review and Approval of Genset Exhaust Drawing by EPD	48	0%	48	24-Jun-19	20-Aug-19					

CONTRACT NO. HY2017/10
NORTHERN TUNNEL CONNECTION BUILDING E&M WORKS
THREE MONTHLY PROGRAMME AS OF 20 JUN 2019

P 25/25

Date	Revision	Checked	Approved
20-Jun-19			