

Appendix B

Construction Programme

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019									
							Jul	Aug	Sep	Oct						
HY2017/10 - Works Programme Three Month Rolling Programme 20-Jul-19																
Contract Dates																
Key Dates																
KD02	KD02 - Admin Bldg, Maintenance Depot, Kiosk N2, & TCSS Provision	0	0%	0		28-Aug-19*				◆						
KD04	KD04 - Underpass/Roundabout Area & TCSS Provision	0	100%	0		12-Jul-19 A	◆									
Portion Access Dates																
P2010	Access to Portion VII SVB Basement BL1	0	0%	0	20-Jul-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			◆								
P2040	Access to Portion VII SVB 2/F	0	0%	0	30-Sep-19				◆							
P320	Access to Portion III (Day 437)	0	100%	0	17-Jul-19 A		◆									
Portion Possession Dates																
P270	Possession to Portion XIX (Day 390)	0	0%	0	20-Jul-19		◆									
P285	Possession to Portion XI (Day 390)	0	0%	0	20-Jul-19		◆									
P290	Possession to Portion XXIa (Day 390)	0	0%	0	20-Jul-19		◆									
P295	Possession to Portion IX (Day 390)	0	0%	0	20-Jul-19		◆									
P300	Possession to Portion XXIb (Day 390)	0	0%	0	20-Jul-19		◆									
P305	Possession to Portion X (Day 390)	0	0%	0	20-Jul-19		◆									
P315	Possession to Portion XXIc (Day 390)	0	0%	0	20-Jul-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				◆							
Portion Handover Dates																
H110	Vacate Portion XVIIb (Day 137 after Possession)	0	0%	0		14-Oct-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	21-Aug-19										
TCB-EMD1115	Authorities Review and Comment of MVAC Pump head calculation	56	50%	28	23-Aug-18 A	21-Aug-19										
Electrical System																
TCB-EMD1015	Authorities Review and Comment of UPS and Battery Capacity Calculations	56	50%	28	22-Aug-18 A	21-Aug-19										
TCB-EMD1055	Authorities Review and Comment of Generator Calculation	56	50%	28	15-Aug-18 A	21-Aug-19										
TCB-EMD1325	Preparation and Resubmission of System Design of PV System	26	50%	13	11-Jun-19 A	03-Aug-19										
TCB-EMD1335	ER Review and Approval of System Design of PV System	13	0%	13	05-Aug-19	19-Aug-19										
TCB-EMD1345	Authorities Review and Comment of PV System	56	50%	28	28-May-19 A	21-Aug-19										
Fire Service System																
TCB-EMD1175	Authorities Review and Comment of FS Pump Head Calculation	56	50%	28	01-Aug-18 A	21-Aug-19										
TCB-EMD1195	Authorities Review and Comment of Sprinkler Pump Head Calculation	56	50%	28	14-Aug-18 A	21-Aug-19										
TCB-EMD1215	Authorities Review and Comment of FM200 System Design Calculation	56	50%	28	13-Aug-18 A	21-Aug-19										
Plumbing & Drainage System																
TCB-EMD1235	Authorities Review and Comment of Pump Head Calculation	56	50%	28	07-Aug-18 A	21-Aug-19										
TCB-EMD1275	Authorities Review and Comment of Hot water system capacity calculation	56	50%	28	07-Aug-18 A	21-Aug-19										
TCB-EMD1395	Authorities Review and Comment of Drainage Sump Pumps and Pump Pits Calculation	56	50%	28	23-Jul-18 A	21-Aug-19										
Administration Building																
MVAC System																
ADB-EMD1015	Authorities Review and Comment of AC Cooling Capacity Calculation	56	50%	28	17-Aug-18 A	21-Aug-19										
ADB-EMD1035	Authorities Review and Comment of AHU/PAU Static Pressure Calculation	56	50%	28	08-Oct-18 A	21-Aug-19										
ADB-EMD1055	Authorities Review and Comment of Pump head calculation	56	50%	28	07-Nov-18 A	21-Aug-19										

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019				
											Jul
											Aug
ADB-EMD1075	Authorities Review and Comment of Mechanical Ventilation Capacity Calculation	56	50%	28	17-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Electrical System											
ADB-EMD1115	Authorities Review and Comment of Electrical Loading Demand Calculation	56	50%	28	27-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
ADB-EMD1135	Authorities Review and Comment of Generator Calculation	56	50%	28	09-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
ADB-EMD1325	Preparation and Resubmission of System Design of PV System	26	50%	13	11-Jun-19 A	03-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #FF0000; height: 10px;"></div>			
ADB-EMD1335	ER Review and Approval of System Design of PV System	13	0%	13	05-Aug-19	19-Aug-19		<div style="width: 50%; background-color: #FF0000; height: 10px;"></div>			
ADB-EMD1345	Authorities Review and Comment of System Design of PV System	56	50%	28	28-May-19 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Fire Service System											
ADB-EMD1155	Authorities Review and Comment of FS Pump Head Calculation	56	50%	28	13-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
ADB-EMD1175	Authorities Review and Comment of Sprinkler Pump Head Calculation	56	50%	28	13-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
ADB-EMD1195	Authorities Review and Comment of FM200 System Design Calculation	56	50%	28	13-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Plumbing & Drainage System											
ADB-EMD1215	Authorities Review and Comment of Pump Head Calculation	56	50%	28	25-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
ADB-EMD1235	Authorities Review and Comment of Pressure Vessel Calculation	56	50%	28	25-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
ADB-EMD1255	Authorities Review and Comment of Hot water system capacity calculation	56	50%	28	25-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
North Ventilation Building											
MVAC System											
NVB-EMD1035	Authorities Review and Comment of Mechanical Ventilation Capacity Calculation	56	50%	28	26-Sep-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Electrical System											
NVB-EMD1055	Authorities Review and Comment of HV Electrical Loading Calculation	56	50%	28	26-Sep-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
NVB-EMD1075	Authorities Review and Comment of UPS and Battery Capacity Calculations	56	50%	28	17-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
NVB-EMD1095	Authorities Review and Comment of Electrical Loading Demand Calculation	56	50%	28	03-Sep-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
NVB-EMD1115	Authorities Review and Comment of Generator Calculation	56	50%	28	17-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Fire Service System											
NVB-EMD1135	Authorities Review and Comment of FS Pump Head Calculation	56	50%	28	01-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
NVB-EMD1155	Authorities Review and Comment of Sprinkler Pump Head Calculation	56	50%	28	14-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
NVB-EMD1175	Authorities Review and Comment of FM200 System Design Calculation	28	50%	14	13-Aug-18 A	05-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Plumbing & Drainage System											
NVB-EMD1305	Authorities Review and Comment of Drainage Sump Pumps and Pump Pits Calculation	56	50%	28	07-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Maintenance Depot											
MVAC System											
MD-EMD1015	Authorities Review and Comment of AC Cooling Capacity Calculation	56	50%	28	17-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Electrical System											
MD-EMD1075	Authorities Review and Comment of Electrical Loading Demand Calculation	56	50%	28	27-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
MD-EMD1095	Authorities Review and Comment of Generator Calculation	56	50%	28	06-Oct-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Fire Service System											
MD-EMD1115	Authorities Review and Comment of FS Pump Head Calculation	56	50%	28	14-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
MD-EMD1135	Authorities Review and Comment of Sprinkler Pump Head Calculation	56	50%	28	14-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
MD-EMD1155	Authorities Review and Comment of FM200 System Design Calculation	56	50%	28	14-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Plumbing & Drainage System											
MD-EMD1175	Authorities Review and Comment of Pump Head Calculation	56	50%	28	13-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
MD-EMD1195	Authorities Review and Comment of Pressure Vessel Calculation	56	50%	28	13-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
MD-EMD1215	Authorities Review and Comment of Drainage Sump Pumps and Pump Pits Calculation	56	50%	28	27-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Satellite Control Building											
MVAC System											
SCB-EMD1015	Authorities Review and Comment of AC Cooling Capacity Calculation	56	50%	28	17-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Electrical System											
SCB-EMD1055	Authorities Review and Comment of UPS and Battery Capacity Calculations	56	50%	28	05-Sep-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			

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

P 2/26	Date	Revision	Checked	Approved
	20-Jul-19			

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019				
								Jul	Aug	Sep	Oct
SCB-EMD1075	Authorities Review and Comment of Electrical Loading Demand Calculation	56	50%	28	01-Nov-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
SCB-EMD1095	Authorities Review and Comment of Generator Calculation	56	50%	28	27-Nov-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Fire Service System											
SCB-EMD1115	Authorities Review and Comment of FS Pump Head Calculation	56	50%	28	14-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
SCB-EMD1135	Authorities Review and Comment of Sprinkler Pump Head Calculation	56	50%	28	14-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
SCB-EMD1155	Authorities Review and Comment of FM200 System Design Calculation	56	50%	28	14-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Plumbing & Drainage System											
SCB-EMD1285	Authorities Review and Comment of Pump Head Calculation	56	50%	28	27-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
SCB-EMD1335	Authorities Review and Comment of Pressure Vessel Calculation	56	50%	28	27-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
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	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
CEDB-EMD1035	Authorities Review and Comment of Electrical Loading Demand Calculation	56	50%	28	01-Nov-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
CEDB-EMD1055	Authorities Review and Comment of Generator Calculation	56	50%	28	27-Nov-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Fire Service System											
CEDB-EMD1075	Authorities Review and Comment of FS Pump Head Calculation	56	50%	28	21-Dec-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
CEDB-EMD1095	Authorities Review and Comment of Sprinkler Pump Head Calculation	56	50%	28	08-Oct-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Plumbing & Drainage System											
CEDB-EMD1135	Authorities Review and Comment of Pump Head Calculation	56	50%	28	07-Sep-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
CEDB-EMD1155	Authorities Review and Comment of Pressure Vessel Calculation	56	50%	28	05-Sep-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
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	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
FSDB-EMD1035	Authorities Review and Comment of Electrical Loading Demand Calculation	56	50%	28	01-Nov-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
FSDB-EMD1055	Authorities Review and Comment of Generator Calculation	56	50%	28	27-Nov-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Fire Service System											
FSDB-EMD1075	Authorities Review and Comment of FS Pump Head Calculation	56	50%	28	07-Sep-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
FSDB-EMD1095	Authorities Review and Comment of Sprinkler Pump Head Calculation	56	50%	28	07-Sep-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
FSDB-EMD1205	Authorities Review and Comment of FM200 System Design Calculation	56	50%	28	07-Sep-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Plumbing & Drainage System											
FSDB-EMD1135	Authorities Review and Comment of Pump Head Calculation	56	50%	28	05-Sep-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
FSDB-EMD1155	Authorities Review and Comment of Pressure Vessel Calculation	56	50%	28	05-Sep-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
South Ventilation Building											
MVAC System											
SVB-EMD1015	Authorities Review and Comment of Staircase Pressurization System Calculation	56	50%	28	24-Jan-19 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
SVB-EMD1035	Authorities Review and Comment of Mechanical Ventilation Capacity Calculation	56	50%	28	11-Sep-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Electrical System											
SVB-EMD1055	Authorities Review and Comment of HV Electrical Loading Calculation	56	50%	28	01-Nov-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
SVB-EMD1095	Authorities Review and Comment of Electrical Loading Demand Calculation	56	50%	28	28-Nov-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
SVB-EMD1115	Authorities Review and Comment of Generator Calculation	56	50%	28	07-Dec-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Fire Service System											
SVB-EMD1135	Authorities Review and Comment of FS Pump Head Calculation	56	50%	28	21-Dec-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
SVB-EMD1155	Authorities Review and Comment of Sprinkler Pump Head Calculation	56	50%	28	21-Dec-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
SVB-EMD1175	Authorities Review and Comment of FM200 System Design Calculation	56	50%	28	30-Nov-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Vehicular Underpass											
Fire Service System											
VU-EMD1025	Authorities Review and Comment of Foam system design calculation	56	50%	28	09-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Plumbing & Drainage System											

Date	Revision	Checked	Approved
20-Jul-19			
			</td

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019				
								Jul	Aug	Sep	Oct
VU-EMD1045	Authorities Review and Comment of Pump Head Calculation	56	50%	28	27-Sep-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Tunnel Lighting System											
VU-EMD1145	Authorities Review and Comment of Design Proposal of Tunnel Lighting System (TLS)	56	50%	28	29-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
VU-EMD1165	Authorities Review and Comment of Tunnel Lighting Lux Calculation	56	50%	28	31-Dec-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Tunnel											
Fire Service System											
TUN-EMD1035	Authorities Review and Comment of Foam system design calculation	56	50%	28	09-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
TUN-EMD1115	Authorities Review and Comment of FS Pump Head Calculation	56	50%	28	11-Jan-19 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
TUN-EMD1135	Authorities Review and Comment of Sprinkler Pump Head Calculation	56	50%	28	25-Jan-19 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Plumbing & Drainage System											
TUN-EMD1185	Authorities Review and Comment of Drainage Sump Pumps and Pump Pits Calculation	56	50%	28	27-Sep-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Tunnel Lighting System											
TUN-EMD1075	Authorities Review and Comment of Design Proposal of Tunnel Lighting System (TLS)	56	50%	28	29-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
TUN-EMD1095	Authorities Review and Comment of Tunnel Lighting Lux Calculation	56	50%	28	31-Dec-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
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	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
ELV-EMD1035	Authorities Review and Comment of System Design for CMCS	56	50%	28	26-Sep-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
ELV-EMD1055	Authorities Review and Comment of System Design for other ELV systems	56	50%	28	02-Oct-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
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	05-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
GEN-EMM1050	Authorities Review and Comment of Technical Info. - Miscellaneous 2nd fix Materials/ Equipment	28	50%	14	20-May-18 A	05-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
GEN-EMM1080	Authorities Review and Comment of Technical Info. - Miscellaneous final fix Materials/ Equipment	28	50%	14	02-Jul-18 A	05-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
MVAC System											
MVAC-EMM1015	Authorities Review and Comment of Technical Info. - Chiller	56	50%	28	14-Jun-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
MVAC-EMM1035	Authorities Review and Comment of Technical Info. - Chilled Water Pump	56	50%	28	12-Jun-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
MVAC-EMM1055	Authorities Review and Comment of Technical Info. - Cooling Tower	56	50%	28	11-Jun-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
MVAC-EMM1075	Authorities Review and Comment of Technical Info. - Computer Room AC (CRAC) Unit	56	50%	28	19-Jul-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
MVAC-EMM1095	Authorities Review and Comment of Technical Info. - AHU & PAU	56	50%	28	10-Sep-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
MVAC-EMM1115	Authorities Review and Comment of Technical Info. - Staircase Pressurization Fan	56	50%	28	17-Jul-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Electrical System											
ELE-EMM1075	Authorities Review and Comment of Technical Info. - HV Cables	56	50%	28	17-Sep-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
ELE-EMM1155	Authorities Review and Comment of Technical Info. - UPS and Battery	28	50%	14	26-Nov-18 A	05-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
ELE-EMM1175	Authorities Review and Comment of Technical Info. - MCB & MCCB & Distribution Board	28	50%	14	04-Dec-18 A	05-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
ELE-EMM1225	Authorities Review and Comment of Technical Info. - PV System	56	50%	28	05-Mar-19 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Fire Service System											
FS-EMM1015	Authorities Review and Comment of Technical Info. - FM200	56	50%	28	20-Aug-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
FS-EMM1095	Authorities Review and Comment of Technical Info. - FR/ HR system	56	50%	28	24-Sep-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
FS-EMM1115	Authorities Review and Comment of Technical Info. - Gas detection	56	50%	28	05-Dec-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Plumbing & Drainage System											
PD-EMM1015	Authorities Review and Comment of Technical Info. - Sump Pump	56	50%	28	25-Oct-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
PD-EMM1035	Authorities Review and Comment of Technical Info. - Hot Water System	56	50%	28	11-Nov-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
PD-EMM1055	Authorities Review and Comment of Technical Info. - LMCP (PD)	56	50%	28	16-Jan-19 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Tunnel Ventilation System											
TVS-EMM1035	Authorities Review and Comment of Technical Info. - Pressurization Fan	56	50%	28	19-Jul-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
TVS-EMM1105	Authorities Review and Comment of Technical Info. - AQMS Equipment	56	50%	28	29-Oct-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
TVS-EMM1155	Authorities Review and Comment of Technical Info. - MFSD	56	50%	28	26-Jul-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			
Tunnel and Road Lighting System											
TRLS-EMM1035	Authorities Review and Comment of Technical Info. - Road Lighting Fitting	56	50%	28	09-Oct-18 A	21-Aug-19	<div style="width: 50%; background-color: #000080; height: 10px;"></div>	<div style="width: 50%; background-color: #90EE90; height: 10px;"></div>			

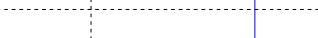
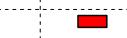
ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019				
								Jul	Aug	Sep	Oct
CCMS, TCS and ELV System											
ELV-EMM1020	Authorities Review and Comment of Technical Info. - CMCS Equipment	56	50%	28	09-Oct-18 A	21-Aug-19	<div style="width: 50%; background-color: blue;"></div>	<div style="width: 50%; background-color: green;"></div>			
ELV-EMM1040	ER Review and Approval of Technical Info. - TCS Equipment	40	85%	6	28-Dec-18 A	26-Jul-19	<div style="width: 85%; background-color: blue;"></div>	<div style="width: 15%; background-color: red;"></div>			
ELV-EMM1050	Authorities Review and Comment of Technical Info. - TCS Equipment	56	50%	28	09-Oct-18 A	21-Aug-19	<div style="width: 50%; background-color: blue;"></div>	<div style="width: 50%; background-color: green;"></div>			
ELV-EMM1073	ER Review and Approval of Technical Info. - other ELV Equipment	40	85%	6	19-Mar-19 A	26-Jul-19	<div style="width: 85%; background-color: blue;"></div>	<div style="width: 15%; background-color: red;"></div>			
ELV-EMM1080	Authorities Review and Comment of Technical Info. - other ELV Equipment	56	50%	28	15-Oct-18 A	21-Aug-19	<div style="width: 50%; background-color: blue;"></div>	<div style="width: 50%; background-color: green;"></div>			
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-Jul-19	<div style="width: 95%; background-color: blue;"></div>	<div style="width: 5%; background-color: green;"></div>			
SCB-ISD1020	Preparation and Resubmission of SCB ISD 1st batch	12	95%	1	04-Jan-19 A	22-Jul-19	<div style="width: 95%; background-color: blue;"></div>	<div style="width: 5%; background-color: green;"></div>			
SCB-ISD1030	ER Review and Approval of SCB ISD 1st batch	7	95%	0	04-Jan-19 A	22-Jul-19	<div style="width: 95%; background-color: blue;"></div>	<div style="width: 5%; background-color: green;"></div>			
SCB-ISD1040	Authorities Review and Comment of SCB ISD 1st batch	28	50%	14	10-Aug-18 A	05-Aug-19	<div style="width: 50%; background-color: blue;"></div>	<div style="width: 50%; background-color: green;"></div>			
SCB-ISD1060	ER Review and Comment of SCB ISD 2nd batch	12	95%	1	11-Aug-18 A	20-Jul-19	<div style="width: 95%; background-color: blue;"></div>	<div style="width: 5%; background-color: green;"></div>			
SCB-ISD1070	Preparation and Resubmission of SCB ISD 2nd batch	12	95%	1	04-Jan-19 A	22-Jul-19	<div style="width: 95%; background-color: blue;"></div>	<div style="width: 5%; background-color: green;"></div>			
SCB-ISD1080	ER Review and Approval of SCB ISD 2nd batch	7	95%	0	04-Jan-19 A	22-Jul-19	<div style="width: 95%; background-color: blue;"></div>	<div style="width: 5%; background-color: green;"></div>			
SCB-ISD1090	Authorities Review and Comment of SCB ISD 2nd batch	28	50%	14	10-Aug-18 A	05-Aug-19	<div style="width: 50%; background-color: blue;"></div>	<div style="width: 50%; background-color: green;"></div>			
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	05-Aug-19	<div style="width: 50%; background-color: blue;"></div>	<div style="width: 50%; background-color: green;"></div>			
CEDB-ISD1090	Authorities Review and Comment of C&EDB ISD 2nd batch	28	50%	14	06-Sep-18 A	05-Aug-19	<div style="width: 50%; background-color: blue;"></div>	<div style="width: 50%; background-color: green;"></div>			
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-Jul-19	<div style="width: 50%; background-color: blue;"></div>	<div style="width: 5%; background-color: green;"></div>			
SVB-ISD1080	ER Review and Approval of SVB ISD 2nd batch	7	50%	4	08-Mar-19 A	24-Jul-19	<div style="width: 50%; background-color: blue;"></div>	<div style="width: 5%; background-color: green;"></div>			
Structural, Electrical & Mechanical Drawing											
SVB-SEM2020	Preparation and Resubmission of SVB SEM	12	50%	6	10-Apr-19 A	26-Jul-19	<div style="width: 50%; background-color: blue;"></div>	<div style="width: 5%; background-color: green;"></div>			
SVB-SEM2030	ER Review and Approval of SVB SEM	7	0%	7	27-Jul-19	03-Aug-19		<div style="width: 5%; background-color: green;"></div>			
Tunnel											
Individual Shop Drawing											
TUN-ISD1060	ER Review and Comment of Tunnel ISD 2nd batch	30	85%	5	16-Aug-18 A	25-Jul-19	<div style="width: 85%; background-color: blue;"></div>	<div style="width: 5%; background-color: green;"></div>			
TUN-ISD1070	Preparation and Resubmission of Tunnel ISD 2nd batch	30	85%	5	16-Feb-19 A	30-Jul-19	<div style="width: 85%; background-color: blue;"></div>	<div style="width: 5%; background-color: green;"></div>			
TUN-ISD1080	ER Review and Approval of Tunnel ISD 2nd batch	15	85%	2	29-Aug-18 A	02-Aug-19	<div style="width: 85%; background-color: blue;"></div>	<div style="width: 5%; background-color: green;"></div>			
TUN-ISD1090	Authorities Review and Comment of Tunnel ISD 2nd batch	28	50%	14	16-Aug-18 A	05-Aug-19	<div style="width: 50%; background-color: blue;"></div>	<div style="width: 50%; background-color: green;"></div>			
TUN-ISD1110	ER Review and Comment of Tunnel ISD 3rd batch	30	0%	30	20-Jul-19	23-Aug-19		<div style="width: 100%; background-color: green;"></div>			
TUN-ISD1120	Preparation and Resubmission of Tunnel ISD 3rd batch	30	0%	30	24-Aug-19	28-Sep-19		<div style="width: 100%; background-color: green;"></div>			
TUN-ISD1130	ER Review and Approval of Tunnel ISD 3rd batch	15	0%	15	30-Sep-19	18-Oct-19		<div style="width: 100%; background-color: green;"></div>			
TUN-ISD1140	Authorities Review and Comment of Tunnel ISD 3rd batch	28	50%	14	10-Dec-18 A	05-Aug-19	<div style="width: 50%; background-color: blue;"></div>	<div style="width: 50%; background-color: green;"></div>			
TUN-ISD1160	ER Review and Comment of Tunnel ISD 4th batch	30	0%	30	20-Jul-19	23-Aug-19		<div style="width: 100%; background-color: green;"></div>			
TUN-ISD1170	Preparation and Resubmission of Tunnel ISD 4th batch	30	0%	30	24-Aug-19	28-Sep-19		<div style="width: 100%; background-color: green;"></div>			
TUN-ISD1180	ER Review and Approval of Tunnel ISD 4th batch	15	0%	15	30-Sep-19	18-Oct-19		<div style="width: 100%; background-color: green;"></div>			
TUN-ISD1190	Authorities Review and Comment of Tunnel ISD 4th batch	28	50%	14	31-Oct-18 A	05-Aug-19	<div style="width: 50%; background-color: blue;"></div>	<div style="width: 50%; background-color: green;"></div>			
Fire Services Department Building											
Individual Shop Drawing											
FSDB-ISD1040	Authorities Review and Comment of FSDB ISD 1st batch	28	50%	14	05-Sep-18 A	05-Aug-19	<div style="width: 50%; background-color: blue;"></div>	<div style="width: 50%; background-color: green;"></div>			
FSDB-ISD1090	Authorities Review and Comment of FSDB ISD 2nd batch	28	50%	14	05-Sep-18 A	05-Aug-19	<div style="width: 50%; background-color: blue;"></div>	<div style="width: 50%; background-color: green;"></div>			
Vehicular Underpass											
Individual Shop Drawing											

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

P 5/26

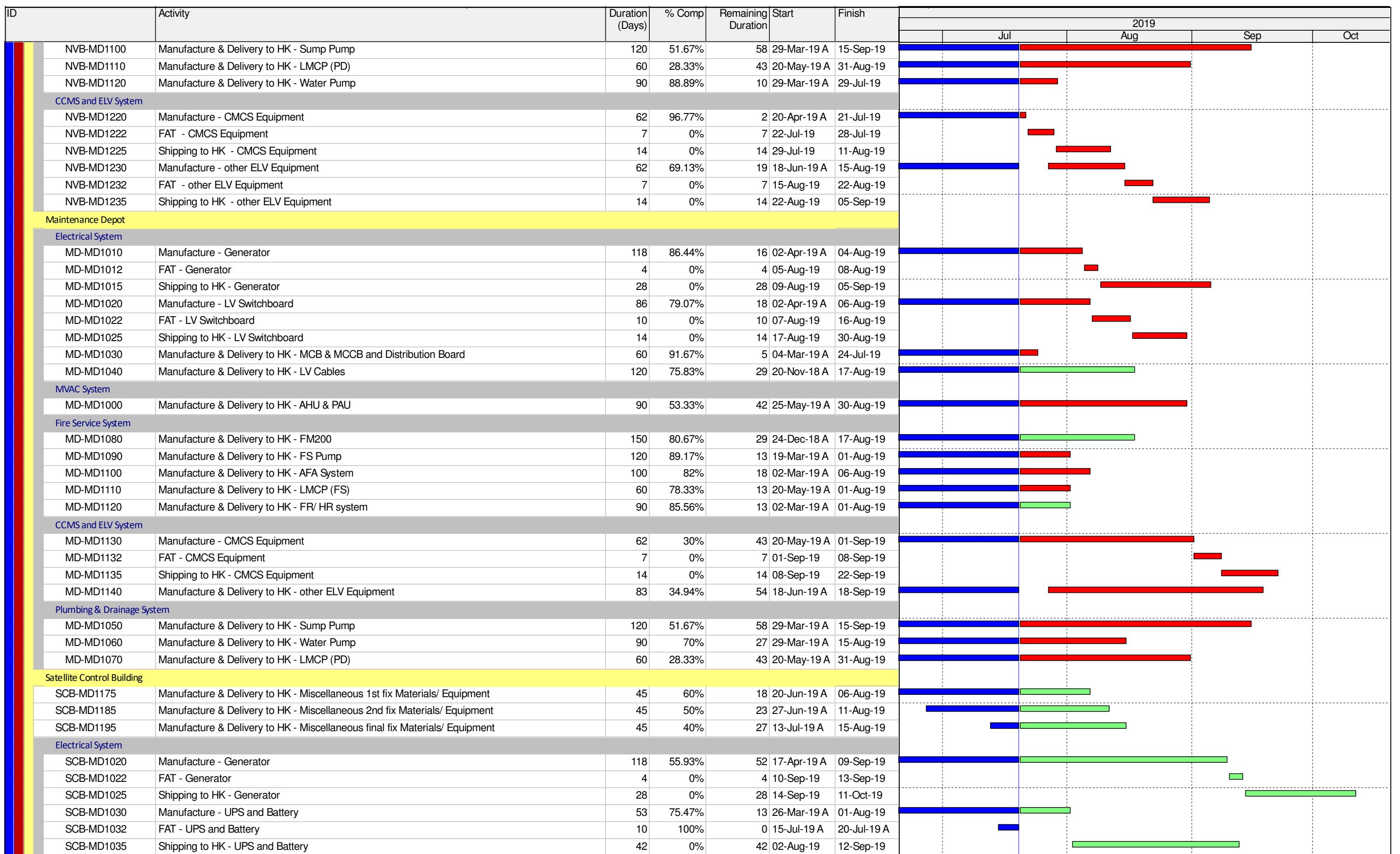
Date	Revision	Checked	Approved
20-Jul-19			

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019				
								Jul	Aug	Sep	Oct
VU-ISD1080	ER Review and Approval of Vehicular Underpass ISD 2nd batch	7	50%	4	19-May-19 A	24-Jul-19	<div style="width: 50%; background-color: #000080;"></div>	<div style="width: 5%; background-color: #90EE90;"></div>			
VU-ISD1090	Authorities Review and Comment of Vehicular Underpass ISD 2nd batch	28	50%	14	02-Apr-19 A	05-Aug-19	<div style="width: 50%; background-color: #000080;"></div>	<div style="width: 25%; background-color: #90EE90;"></div>			
North Ventilation Building											
Individual Shop Drawing											
NVB-ISD1090	Authorities Review and Approval of NVB ISD - 2nd batch	28	50%	14	27-Sep-18 A	05-Aug-19	<div style="width: 50%; background-color: #000080;"></div>	<div style="width: 25%; background-color: #90EE90;"></div>			
E&M Procurement											
Design Related Procurement											
Toll Control Building											
<i>CCMS, TCS and ELV System</i>											
TCB-PO1150	Place Order - TCS Equipment	12	100%	0	10-Jul-19 A	02-Aug-19 A	<div style="width: 100%; background-color: #000080;"></div>				
E&M Manufacture & Delivery											
Toll Control Building											
<i>MVAC System</i>											
TCB-MD1030	Manufacture & Delivery to HK - Computer Room Air Conditioning (CRAC) Unit	120	88.33%	14	20-May-19 A	02-Aug-19	<div style="width: 88.33%; background-color: #000080;"></div>	<div style="width: 11.67%; background-color: #FF0000;"></div>			
TCB-MD1050	Manufacture & Delivery to HK - AHU & PAU	90	75%	23	27-Jun-19 A	11-Aug-19	<div style="width: 75%; background-color: #000080;"></div>	<div style="width: 25%; background-color: #FF0000;"></div>			
<i>Lift System</i>											
TCB-MD1000	Manufacture & Delivery to HK - Lift System	120	65%	42	03-Apr-19 A	30-Aug-19	<div style="width: 65%; background-color: #000080;"></div>	<div style="width: 35%; background-color: #90EE90;"></div>			
<i>CCMS, TCS and ELV System</i>											
TCB-MD1200	Manufacture - CMCS Equipment	62	80%	12	20-Apr-19 A	01-Aug-19	<div style="width: 80%; background-color: #000080;"></div>	<div style="width: 20%; background-color: #FF0000;"></div>			
TCB-MD1202	FAT - CMCS Equipment	7	0%	7	01-Aug-19	08-Aug-19	<div style="width: 0%; background-color: #000080;"></div>	<div style="width: 0%; background-color: #FF0000;"></div>			
TCB-MD1205	Shipping to HK - CMCS Equipment	14	0%	14	08-Aug-19	22-Aug-19	<div style="width: 0%; background-color: #000080;"></div>	<div style="width: 0%; background-color: #FF0000;"></div>			
TCB-MD1210	Manufacture - TCS Equipment	82	5%	78	12-Jul-19 A	12-Oct-19	<div style="width: 5%; background-color: #000080;"></div>	<div style="width: 95%; background-color: #FF0000;"></div>			
TCB-MD1212	FAT - TCS Equipment	14	0%	14	12-Oct-19	26-Oct-19	<div style="width: 0%; background-color: #000080;"></div>	<div style="width: 0%; background-color: #FF0000;"></div>			
TCB-MD1220	Manufacture & Delivery to HK - other ELV Equipment	83	34.94%	54	18-Jun-19 A	18-Sep-19	<div style="width: 34.94%; background-color: #000080;"></div>	<div style="width: 65.06%; background-color: #FF0000;"></div>			
<i>Plumbing & Drainage System</i>											
TCB-MD1110	Manufacture & Delivery to HK - Sump Pump	120	60%	48	29-Mar-19 A	05-Sep-19	<div style="width: 60%; background-color: #000080;"></div>	<div style="width: 40%; background-color: #FF0000;"></div>			
TCB-MD1120	Manufacture & Delivery to HK - Hot Water System	120	81.67%	22	04-Jun-19 A	10-Aug-19	<div style="width: 81.67%; background-color: #000080;"></div>	<div style="width: 18.33%; background-color: #FF0000;"></div>			
TCB-MD1130	Manufacture & Delivery to HK - LMCP (PD)	60	28.33%	43	20-May-19 A	31-Aug-19	<div style="width: 28.33%; background-color: #000080;"></div>	<div style="width: 71.67%; background-color: #FF0000;"></div>			
TCB-MD1140	Manufacture & Delivery to HK - Water Pump	90	88.89%	10	29-Mar-19 A	29-Jul-19	<div style="width: 88.89%; background-color: #000080;"></div>	<div style="width: 11.11%; background-color: #90EE90;"></div>			
<i>Electrical System</i>											
TCB-MD1060	Manufacture - LV Switchboard	86	94.19%	5	02-Apr-19 A	24-Jul-19	<div style="width: 94.19%; background-color: #000080;"></div>	<div style="width: 5.81%; background-color: #FF0000;"></div>			
TCB-MD1062	FAT - LV Switchboard	10	0%	10	25-Jul-19	03-Aug-19	<div style="width: 0%; background-color: #000080;"></div>	<div style="width: 0%; background-color: #FF0000;"></div>			
TCB-MD1065	Shipping to HK - LV Switchboard	14	0%	14	04-Aug-19	17-Aug-19	<div style="width: 0%; background-color: #000080;"></div>	<div style="width: 0%; background-color: #FF0000;"></div>			
TCB-MD1070	Manufacture - Generator	118	86.44%	16	02-Apr-19 A	04-Aug-19	<div style="width: 86.44%; background-color: #000080;"></div>	<div style="width: 13.56%; background-color: #FF0000;"></div>			
TCB-MD1072	FAT - Generator	4	0%	4	05-Aug-19	08-Aug-19	<div style="width: 0%; background-color: #000080;"></div>	<div style="width: 0%; background-color: #FF0000;"></div>			
TCB-MD1075	Shipping to HK - Generator	28	0%	28	09-Aug-19	05-Sep-19	<div style="width: 0%; background-color: #000080;"></div>	<div style="width: 0%; background-color: #FF0000;"></div>			
TCB-MD1082	FAT - UPS and Battery	10	100%	0	15-Jul-19 A	20-Jul-19 A	<div style="width: 100%; background-color: #000080;"></div>	<div style="width: 0%; background-color: #FF0000;"></div>			
TCB-MD1085	Shipping to HK - UPS and Battery	42	0%	42	20-Jul-19	30-Aug-19	<div style="width: 0%; background-color: #000080;"></div>	<div style="width: 100%; background-color: #FF0000;"></div>			
TCB-MD1090	Manufacture & Delivery to HK - MCB & MCCB and Distribution Board	60	95%	3	04-Mar-19 A	22-Jul-19	<div style="width: 95%; background-color: #000080;"></div>	<div style="width: 5%; background-color: #FF0000;"></div>			
TCB-MD1100	Manufacture & Delivery to HK - LV Cables	120	95%	6	20-Nov-18 A	25-Jul-19	<div style="width: 95%; background-color: #000080;"></div>	<div style="width: 5%; background-color: #FF0000;"></div>			
TCB-MD1280	Manufacture & Delivery to HK - PV System Equipment	60	0%	60	20-Aug-19	18-Oct-19	<div style="width: 0%; background-color: #000080;"></div>	<div style="width: 100%; background-color: #FF0000;"></div>			
<i>Fire Service System</i>											
TCB-MD1150	Manufacture & Delivery to HK - FM200	150	60.67%	59	24-Dec-18 A	16-Sep-19	<div style="width: 60.67%; background-color: #000080;"></div>	<div style="width: 39.33%; background-color: #90EE90;"></div>			
TCB-MD1160	Manufacture & Delivery to HK - AFA System	100	91%	9	02-Mar-19 A	28-Jul-19	<div style="width: 91%; background-color: #000080;"></div>	<div style="width: 9%; background-color: #FF0000;"></div>			
<i>Administration Building</i>											
<i>Electrical System</i>											
ADB-MD1070	Manufacture - LV Switchboard	86	79.07%	18	02-Apr-19 A	06-Aug-19	<div style="width: 79.07%; background-color: #000080;"></div>	<div style="width: 20.93%; background-color: #FF0000;"></div>			
ADB-MD1072	FAT - LV Switchboard	10	0%	10	07-Aug-19	16-Aug-19	<div style="width: 0%; background-color: #000080;"></div>	<div style="width: 100%; background-color: #FF0000;"></div>			

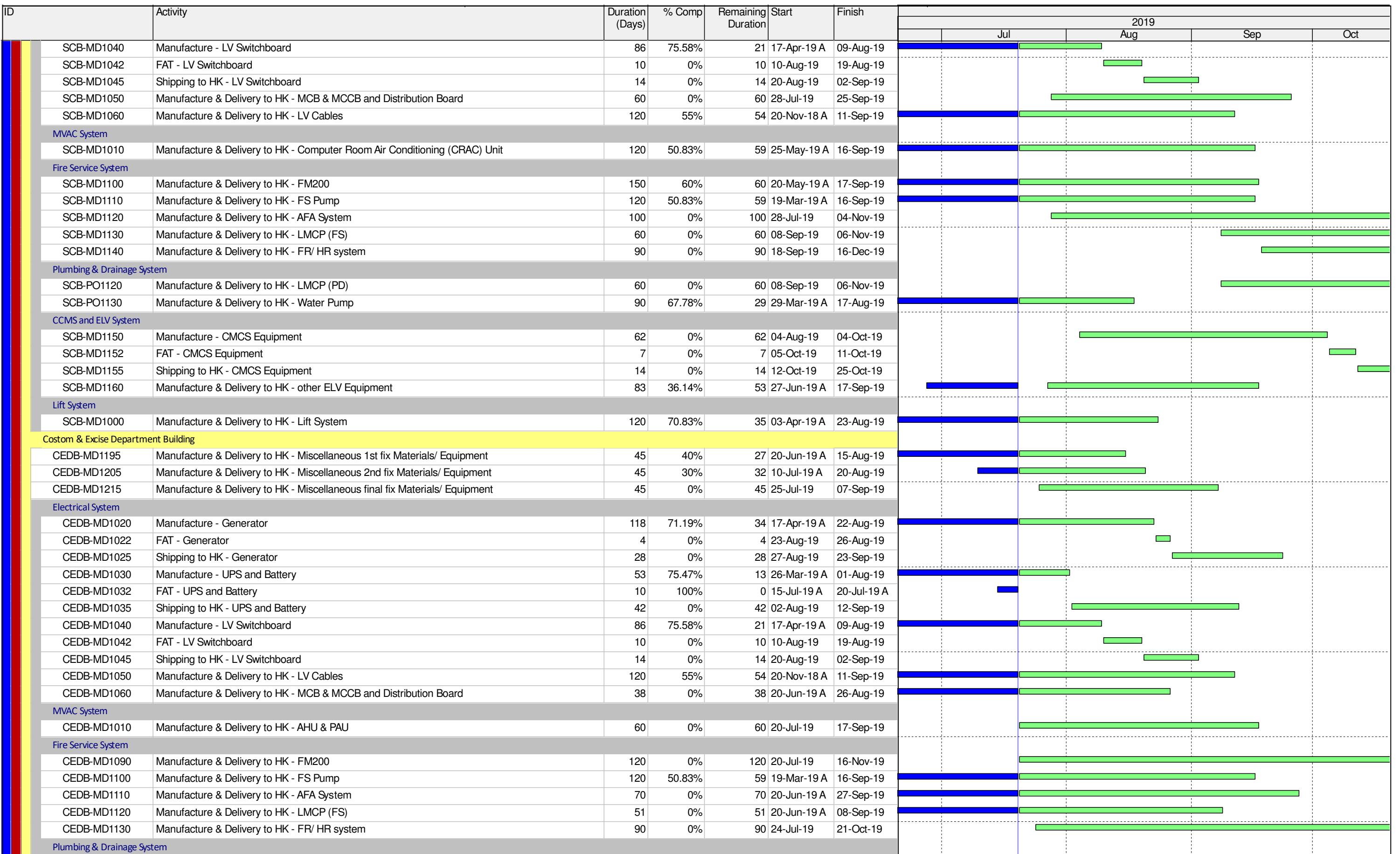
ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019				
								Jul	Aug	Sep	Oct
ADB-MD1075	Shipping to HK - LV Switchboard	14	0%	14	17-Aug-19	30-Aug-19					
ADB-MD1080	Manufacture - Generator	118	86.44%	16	02-Apr-19 A	04-Aug-19					
ADB-MD1082	FAT - Generator	4	0%	4	05-Aug-19	08-Aug-19					
ADB-MD1085	Shipping to HK - Generator	28	0%	28	09-Aug-19	05-Sep-19					
ADB-MD1090	Manufacture - UPS and Battery	53	20%	42	24-May-19 A	31-Aug-19					
ADB-MD1092	FAT - UPS and Battery	10	100%	0	15-Jul-19 A	20-Jul-19 A					
ADB-MD1095	Shipping to HK - UPS and Battery	42	0%	42	31-Aug-19	12-Oct-19					
ADB-MD1110	Manufacture & Delivery to HK - LV Cables	120	85.83%	17	20-Nov-18 A	05-Aug-19					
ADB-MD1310	Manufacture & Delivery to HK - PV System Equipment	60	0%	60	20-Aug-19	18-Oct-19					
MVAC System											
ADB-MD1030	Manufacture & Delivery to HK - Computer Room Air Conditioning (CRAC) Unit	120	62.5%	45	15-May-19 A	02-Sep-19					
ADB-MD1040	Manufacture & Delivery to HK - AHU & PAU	90	61.11%	35	25-May-19 A	23-Aug-19					
ADB-MD1050	Manufacture & Delivery to HK - Cooling Tower	100	43%	57	06-Mar-19 A	14-Sep-19					
Fire Service System											
ADB-MD1160	Manufacture & Delivery to HK - FM200	150	80.67%	29	24-Dec-18 A	17-Aug-19					
ADB-MD1170	Manufacture & Delivery to HK - AFA System	100	73%	27	02-Mar-19 A	15-Aug-19					
ADB-MD1180	Manufacture & Delivery to HK - FS Pump	120	89.17%	13	19-Mar-19 A	01-Aug-19					
ADB-MD1190	Manufacture & Delivery to HK - FR/ HR system	90	85.56%	13	02-Mar-19 A	01-Aug-19					
ADB-MD1200	Manufacture & Delivery to HK - LMCP (FS)	60	78.33%	13	20-May-19 A	01-Aug-19					
Plumbing & Drainage System											
ADB-MD1130	Manufacture & Delivery to HK - Hot Water System	120	20%	96	04-Jun-19 A	23-Oct-19					
ADB-MD1140	Manufacture & Delivery to HK - LMCP (PD)	60	28.33%	43	20-May-19 A	31-Aug-19					
ADB-MD1150	Manufacture & Delivery to HK - Water Pump	90	70%	27	29-Mar-19 A	15-Aug-19					
CCMS and ELV System											
ADB-MD1210	Manufacture - CMCS Equipment	62	30%	43	20-Apr-19 A	01-Sep-19					
ADB-MD1212	FAT - CMCS Equipment	7	0%	7	01-Sep-19	08-Sep-19					
ADB-MD1215	Shipping to HK - CMCS Equipment	14	0%	14	08-Sep-19	22-Sep-19					
ADB-MD1220	Manufacture & Delivery to HK - other ELV Equipment	83	34.94%	54	18-Jun-19 A	18-Sep-19					
Lift System											
ADB-MD1000	Manufacture & Delivery to HK - Lift System	120	77.5%	27	03-Apr-19 A	15-Aug-19					
North Ventilation Building											
Electrical System											
NVB-MD1025	Shipping to HK - HV Switchboard	14	10%	13	19-Jun-19 A	01-Aug-19					
NVB-MD1040	Manufacture - LV Switchboard	86	88.37%	10	02-Apr-19 A	29-Jul-19					
NVB-MD1042	FAT - LV Switchboard	10	0%	10	30-Jul-19	08-Aug-19					
NVB-MD1045	Shipping to HK - LV Switchboard	14	0%	14	09-Aug-19	22-Aug-19					
NVB-MD1050	Manufacture - Generator	118	86.44%	16	02-Apr-19 A	04-Aug-19					
NVB-MD1052	FAT - Generator	4	0%	4	05-Aug-19	08-Aug-19					
NVB-MD1055	Shipping to HK - Generator	28	0%	28	09-Aug-19	05-Sep-19					
NVB-MD1062	FAT - UPS and Battery	10	100%	0	15-Jul-19 A	20-Jul-19 A					
NVB-MD1065	Shipping to HK - UPS and Battery	42	0%	42	20-Jul-19	30-Aug-19					
NVB-MD1095	Shipping to HK - LV Cables	14	64.29%	5	10-Jun-19 A	24-Jul-19					
MVAC System											
NVB-MD1200	Shipping to HK - Tunnel Ventilation Fan	45	86.67%	6	16-Jun-19 A	25-Jul-19					
NVB-MD1210	Manufacture & Delivery to HK - Staircase Pressurization Fan	30	0%	30	20-Jul-19	18-Aug-19					
NVB-MD1130	Manufacture & Delivery to HK - FM200	150	80.67%	29	24-Dec-18 A	17-Aug-19					
Plumbing & Drainage System											

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

P 7/26	Date	Revision	Checked	Approved
20-Jul-19				
				</



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



ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019				
								Jul	Aug	Sep	Oct
CEDB-MD1070	Manufacture & Delivery to HK - LMCP (PD)	60	50%	30	20-Jun-19 A	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	22-Aug-19	22-Oct-19					
CEDB-MD1180	Manufacture & Delivery to HK - other ELV Equipment	83	0%	83	27-Jul-19	17-Oct-19					
Lift System											
CEDB-MD1000	Manufacture & Delivery to HK - Lift System	120	0%	120	20-Jul-19	16-Nov-19					
Fire Services Department Building											
FSDB-MD1155	Manufacture & Delivery to HK - Miscellaneous 1st fix Materials/ Equipment	45	30%	32	20-Jun-19 A	20-Aug-19					
FSDB-MD1165	Manufacture & Delivery to HK - Miscellaneous 2nd fix Materials/ Equipment	45	20%	36	27-Jun-19 A	24-Aug-19					
FSDB-MD1175	Manufacture & Delivery to HK - Miscellaneous final fix Materials/ Equipment	45	10%	41	13-Jul-19 A	29-Aug-19					
Electrical System											
FSDB-MD1000	Manufacture - Generator	118	71.19%	34	17-Apr-19 A	22-Aug-19					
FSDB-MD1002	FAT - Generator	4	0%	4	23-Aug-19	26-Aug-19					
FSDB-MD1005	Shipping to HK - Generator	28	0%	28	27-Aug-19	23-Sep-19					
FSDB-MD1010	Manufacture - UPS and Battery	53	75.47%	13	26-Mar-19 A	01-Aug-19					
FSDB-MD1012	FAT - UPS and Battery	10	100%	0	15-Jul-19 A	20-Jul-19 A					
FSDB-MD1015	Shipping to HK - UPS and Battery	42	0%	42	02-Aug-19	12-Sep-19					
FSDB-MD1020	Manufacture - LV Switchboard	86	75.58%	21	17-Apr-19 A	09-Aug-19					
FSDB-MD1022	FAT - LV Switchboard	10	0%	10	10-Aug-19	19-Aug-19					
FSDB-MD1025	Shipping to HK - LV Switchboard	14	0%	14	20-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	25%	90	20-Jun-19 A	17-Oct-19					
FSDB-MD1100	Manufacture & Delivery to HK - AFA System	100	30%	70	20-Jun-19 A	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	20%	120	20-Jun-19 A	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	03-Sep-19	03-Nov-19					
FSDB-MD1140	Manufacture & Delivery to HK - other ELV Equipment	83	0%	83	27-Aug-19	17-Nov-19					
South Ventilation Building											
SVB-MD1235	Manufacture & Delivery to HK - Miscellaneous 2nd fix Materials/ Equipment	45	50%	23	20-Jun-19 A	11-Aug-19					
SVB-MD1245	Manufacture & Delivery to HK - Miscellaneous final fix Materials/ Equipment	45	30%	32	04-Jul-19 A	20-Aug-19					
Electrical System											
SVB-MD1000	Manufacture - Generator	118	54.24%	54	17-Apr-19 A	11-Sep-19					
SVB-MD1002	FAT - Generator	4	0%	4	12-Sep-19	15-Sep-19					
SVB-MD1005	Shipping to HK - Generator	28	0%	28	16-Sep-19	13-Oct-19					
SVB-MD1012	FAT - UPS and Battery	10	100%	0	15-Jul-19 A	20-Jul-19 A					
SVB-MD1015	Shipping to HK - UPS and Battery	42	0%	42	20-Jul-19	30-Aug-19					
SVB-MD1020	Manufacture - HV/LV Transformer	92	70.65%	27	16-May-19 A	15-Aug-19					
SVB-MD1022	FAT - HV/LV Transformer	14	0%	14	16-Aug-19	29-Aug-19					
SVB-MD1025	Shipping to HK - HV/LV Transformer	14	0%	14	30-Aug-19	12-Sep-19					
SVB-MD1030	Manufacture - LV Switchboard	86	73.26%	23	17-Apr-19 A	11-Aug-19					

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019				
								Jul	Aug	Sep	Oct
SVB-MD1032	FAT - LV Switchboard	10	0%	10	12-Aug-19	21-Aug-19			Green		
SVB-MD1035	Shipping to HK - LV Switchboard	14	0%	14	22-Aug-19	04-Sep-19			Green		
SVB-MD1040	Manufacture - HV Switchboard	92	70.65%	27	16-May-19 A	15-Aug-19	Blue	Green	Green		
SVB-MD1042	FAT - HV Switchboard	14	0%	14	16-Aug-19	29-Aug-19			Green		
SVB-MD1045	Shipping to HK - HV Switchboard	14	0%	14	30-Aug-19	12-Sep-19			Green		
SVB-MD1050	Manufacture & Delivery to HK - HV Cables	120	80%	24	20-May-19 A	12-Aug-19	Blue	Green	Green		
SVB-MD1060	Manufacture & Delivery to HK - Busduct	120	25%	90	20-Jun-19 A	17-Oct-19	Blue	Green	Green	Green	
SVB-MD1070	Manufacture & Delivery to HK - LV Cables	120	60.83%	47	20-Nov-18 A	04-Sep-19	Blue	Green	Green		
SVB-MD1080	Manufacture & Delivery to HK - MCB & MCCB and Distribution Board	60	50%	30	20-Jun-19 A	18-Aug-19	Blue	Green	Green		
MVAC System											
SVB-MD1170	Manufacture - Tunnel Ventilation Fan	180	68.89%	56	17-May-19 A	13-Sep-19	Blue	Green	Green		
SVB-MD1175	Shipping to HK - Tunnel Ventilation Fan	45	0%	45	14-Sep-19	28-Oct-19			Green		
SVB-MD1180	Manufacture & Delivery to HK - Staircase Pressurization Fan	60	50%	30	20-Jun-19 A	18-Aug-19	Blue	Green	Green		
Fire Service System											
SVB-MD1120	Manufacture & Delivery to HK - FM200	150	85%	23	20-May-19 A	11-Aug-19	Blue	Green	Green		
SVB-MD1130	Manufacture & Delivery to HK - FS Pump	120	50.83%	59	19-Mar-19 A	16-Sep-19	Blue	Green	Green		
SVB-MD1140	Manufacture & Delivery to HK - AFA System	100	30%	70	20-Jun-19 A	27-Sep-19	Blue	Green	Green		
SVB-MD1150	Manufacture & Delivery to HK - FR/ HR system	90	33.33%	60	20-Jun-19 A	17-Sep-19	Blue	Green	Green		
SVB-MD1160	Manufacture & Delivery to HK - LMCP (FS)	60	50%	30	20-Jun-19 A	18-Aug-19	Blue	Green	Green		
Plumbing & Drainage System											
SVB-MD1100	Manufacture & Delivery to HK - Water Pump	90	70%	27	29-Mar-19 A	15-Aug-19	Blue	Green	Green		
SVB-MD1110	Manufacture & Delivery to HK - LMCP (PD)	60	3.33%	58	20-Jun-19 A	15-Sep-19	Blue	Green	Green		
SVB-MD1255	Manufacture & Delivery to HK - Sump Pump	120	51.67%	58	29-Mar-19 A	15-Sep-19	Blue	Green	Green		
CCMS and ELV System											
SVB-MD1200	Manufacture - CMCS Equipment	62	0%	62	20-Jul-19	19-Sep-19		Green	Green		
SVB-MD1202	FAT - CMCS Equipment	7	0%	7	20-Sep-19	26-Sep-19					Green
SVB-MD1205	Shipping to HK - CMCS Equipment	14	0%	14	27-Sep-19	10-Oct-19					Green
SVB-MD1210	Manufacture & Delivery to HK - other ELV Equipment	83	73.49%	22	18-Jun-19 A	17-Aug-19	Blue	Green	Green		
Lift System											
SVB-MD1190	Manufacture & Delivery to HK - Lift System	120	27.5%	87	17-Jun-19 A	14-Oct-19	Blue	Green	Green		
Vehicular Underpass											
VU-MD1030	Manufacture & Delivery to HK - Sump Pump	120	51.67%	58	02-Apr-19 A	15-Sep-19	Blue	Green	Green		
VU-MD1040	Manufacture & Delivery to HK - Water Pump	90	35.56%	58	20-May-19 A	15-Sep-19	Blue	Green	Green		
VU-MD1050	Manufacture & Delivery to HK - Gas detection	60	0%	60	20-Jul-19	17-Sep-19		Green	Green		
VU-MD1060	Manufacture - CMCS Equipment	62	75.81%	15	20-May-19 A	03-Aug-19	Blue	Green	Green		
VU-MD1062	FAT - CMCS Equipment	7	0%	7	04-Aug-19	10-Aug-19			Green		
VU-MD1065	Shipping to HK - CMCS Equipment	21	0%	21	11-Aug-19	31-Aug-19			Green		
VU-MD1070	Manufacture & Delivery to HK - other ELV Equipment	90	71.11%	26	18-Jun-19 A	21-Aug-19	Blue	Green	Green		
Tunnel											
TUN-MD1006	Manufacture - Tunnel Lighting System (3rd Batch)	90	43.33%	51	20-May-19 A	08-Sep-19	Blue	Red	Red		
TUN-MD1009	Manufacture - Tunnel Lighting System (4th Batch)	90	33.33%	60	20-Jun-19 A	17-Sep-19	Blue	Red	Red		
TUN-MD1015	Manufacture & Delivery to HK - Gas detection	90	0%	90	20-Jul-19	17-Oct-19		Green	Green		
TUN-MD1030	Manufacture & Delivery to HK - FS Pump	60	5%	57	20-Jul-19 A	14-Sep-19		Green	Green		
TUN-MD1040	Manufacture - CMCS Equipment	62	75.81%	15	20-May-19 A	03-Aug-19	Blue	Red	Red		
TUN-MD1042	FAT - CMCS Equipment	21	0%	21	04-Aug-19	24-Aug-19			Red		
TUN-MD1045	Shipping to HK - CMCS Equipment	7	0%	7	25-Aug-19	31-Aug-19				Red	
TUN-MD1050	Manufacture & Delivery to HK - other ELV Equipment	90	71.11%	26	18-Jun-19 A	21-Aug-19	Blue	Red	Red		
TUN-MD1060	Manufacture & Delivery to HK - Sump Pump	120	0%	120	20-Jul-19	16-Nov-19		Green	Green		

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019				
								Jul	Aug	Sep	Oct
TUN-MD1070	Manufacture - AQMS Equipment	69	70%	21	20-May-19 A	09-Aug-19					
TUN-MD1080	FAT - AQMS Equipment	14	0%	14	09-Aug-19	23-Aug-19					
TUN-MD1090	Shipping to HK - AQMS Equipment	7	0%	7	23-Aug-19	30-Aug-19					
Approach Road											
AR-MD1000	Manufacture & Delivery to HK - Road Lighting Fitting	90	80%	18	21-Mar-19 A	06-Aug-19					
AR-MD1010	Manufacture - CMCS Equipment	62	75.81%	15	20-May-19 A	03-Aug-19					
AR-MD1015	FAT - CMCS Equipment	7	0%	7	04-Aug-19	10-Aug-19					
AR-MD1018	Shipping to HK - CMCS Equipment	14	0%	14	11-Aug-19	24-Aug-19					
AR-MD1020	Manufacture & Delivery to HK - other ELV Equipment	83	73.49%	22	18-Jun-19 A	17-Aug-19					
Key Date 1 - Toll Control Building (TCB) & TCSS Provision											
ABWF Works (for All)											
ATCB1010	Door and Window Frames	82	0%	82	04-Mar-19 A	26-Oct-19					
ATCB1052	ABWF Works to Office and Corridors 2/F	152	98.03%	3	12-Apr-19 A	23-Jul-19					
ATCB1080	ABWF Works to Toilets G/F	163	94.48%	9	27-Feb-19 A	30-Jul-19					
ATCB1081	ABWF Works to Toilets 1/F	163	94.48%	9	01-Mar-19 A	30-Jul-19					
ATCB1082	ABWF Works to Toilets 2/F	163	87.12%	21	12-Apr-19 A	13-Aug-19					
ATCB1110	Waterproofing and Roofing	47	93.62%	3	14-Jun-19 A	23-Jul-19					
ATCB1120	External Cladding and Wall Plastering	94	77.66%	21	01-Apr-19 A	13-Aug-19					
Key Date 4 - E&M Works in Vehicular Underpass Area & TCSS Provision											
E&M Works											
VU210	KD4 Achieved	0	100%	0		12-Jul-19 A		◆			
Key Date 2 - Administration Building, Maintenance Depot, Kiosk N2, TCSS Provision											
Administration Building (ADB)											
Building Structure											
ADB210	Top Roof	11	100%	0	20-Jun-19 A	02-Jul-19 A					
ABWF Works (for All)											
AADB1130	Blockwork Walls	25	15%	21	03-Jul-19 A	14-Aug-19					
AADB1140	Door and Window Frames	19	0%	19	20-Jul-19	10-Aug-19					
AADB1150	ABWF Works to Plant Rooms G/F	52	40.38%	31	07-Jun-19 A	24-Aug-19					
AADB1151	ABWF Works to Plant Rooms 1/F	52	0%	52	20-Jul-19	19-Sep-19					
AADB1160	ABWF Works to Office and Corridors G/F	126	0%	126	20-Jul-19	17-Dec-19					
AADB1161	ABWF Works to Office and Corridors 1/F	126	0%	126	03-Aug-19	03-Jan-20					
AADB1170	ABWF Works to Toilets G/F	132	0%	132	20-Jul-19	24-Dec-19					
AADB1171	ABWF Works to Toilets 1/F	132	0%	132	03-Aug-19	10-Jan-20					
AADB1180	Waterproofing and Roofing	48	0%	48	30-Jul-19	25-Sep-19					
AADB1190	External Cladding and Wall Plastering	98	0%	98	30-Jul-19	25-Nov-19					
Provision for TCSS Installation											
ADB250	Cable Containment Installation to enable TCSS installation	74	5%	70	09-Jul-19 A	14-Oct-19					
Maintenance Depot											
ABWF Works (for All)											
AMD1000	Blockwork Walls	16	12.5%	14	06-Jun-19 A	05-Aug-19					
AMD1010	Door and Window Frames	10	0%	10	20-Jul-19	31-Jul-19					
AMD1020	ABWF Works to Plant Rooms	58	0%	58	20-Jul-19	26-Sep-19					
AMD1030	ABWF Works to Office and Corridors	132	0%	132	20-Jul-19	24-Dec-19					
AMD1040	ABWF Works to Toilets	144	0%	144	20-Jul-19	10-Jan-20					
AMD1050	Waterproofing and Roofing	51	0%	51	30-Jul-19	27-Sep-19					
AMD1060	External Cladding and Wall Plastering	98	0%	98	30-Jul-19	23-Nov-19					
Provision for TCSS Installation											

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

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019			
							Jul	Aug	Sep	Oct
MD210	Cable Containment Installation to enable TCSS installation	62	5%	59	18-Jul-19 A	01-Nov-19				
Kiosk N2										
N2-130	ABWF Works to enable TCSS installation	18	0%	18	20-Jul-19	09-Aug-19				
N2-140	Cable Containment Installation to enable TCSS installation	19	0%	19	10-Aug-19	31-Aug-19				
Key Date 6 - E&M Works for Administration Building, Maintenance Depot, North Vent Building, Kiosk N2										
E&M Works for Administration Building										
Installation										
G/F										
ADB-EMGF1000	ABWF Works ready for E&M Mobilization to General Areas - G/F	0	100%	0	09-Jul-19 A		◆			
ADB-EMGF1010	E&M Installation - 1st fix - G/F	46	5%	44	09-Jul-19 A	12-Sep-19	◆			
ADB-EMGF1020	E&M Installation - 2nd fix - G/F	40	0%	40	02-Sep-19	21-Oct-19				
ADB-EMGF1030	E&M Installation - Final fix - G/F	40	0%	40	27-Sep-19	14-Nov-19				
ADB-EMGF1040	ABWF Works ready for E&M Mobilization to 11kV Swtich & Tx Room 1 - G/F	0	100%	0	18-Jul-19 A		◆			
ADB-EMGF1050	E&M Installation - 11kV Swtich & Tx Room 1 - G/F	46	5%	44	18-Jul-19 A	09-Sep-19	◆			
ADB-EMGF1100	ABWF Works ready for E&M Mobilization to 11kV Swtich & Tx Room 2 - G/F	0	100%	0	15-Jul-19 A		◆			
ADB-EMGF1110	E&M Installation - 11kV Swtich & Tx Room 2 - G/F	46	5%	44	15-Jul-19 A	09-Sep-19	◆			
ADB-EMGF1120	Cabling from NVB	12	0%	12	12-Sep-19	27-Sep-19				
ADB-EMGF1160	ABWF Works ready for E&M Mobilization to LV Switch Room - G/F	0	0%	0	20-Jul-19		◆			
ADB-EMGF1170	E&M Installation - LV Switch Room - G/F	34	0%	34	31-Aug-19	12-Oct-19				
ADB-EMGF1180	Cable laying - LV Switch Room - from G/F	24	0%	24	14-Oct-19	09-Nov-19				
ADB-EMGF1200	ABWF Works ready for E&M Mobilization to Generator Room & Fuel Tank Room - G/F	0	0%	0	20-Jul-19		◆			
ADB-EMGF1210	E&M Installation - Generator Room & Fuel Tank Room - G/F	70	0%	70	16-Sep-19	07-Dec-19				
ADB-EMGF1230	ABWF Works ready for E&M Mobilization to MVAC Plant Rooms - G/F	0	0%	0	20-Jul-19		◆			
ADB-EMGF1240	E&M Installation - MVAC Plant Rooms - G/F	76	0%	76	24-Aug-19	23-Nov-19				
ADB-EMGF1250	ABWF Works ready for E&M Mobilization to FS Plant Rooms - G/F	0	0%	0	20-Jul-19		◆			
ADB-EMGF1260	E&M Installation - FS Plant Rooms - G/F	60	0%	60	02-Aug-19	14-Oct-19				
ADB-EMGF1270	ABWF Works ready for E&M Mobilization to PD Plant Rooms - G/F	0	0%	0	20-Jul-19		◆			
ADB-EMGF1290	ABWF Works ready for E&M Mobilization to ELV Plant Rooms - G/F	0	0%	0	20-Jul-19		◆			
ADB-EMGF1300	E&M Installation - ELV Plant Rooms - G/F	50	0%	50	23-Sep-19	21-Nov-19				
1/F										
ADB-EM1F1000	ABWF Works ready for E&M Mobilization to General Areas - 1/F	0	0%	0	17-Aug-19		◆			
ADB-EM1F1010	E&M Installation - 1st fix - 1/F	40	0%	40	17-Aug-19	04-Oct-19				
ADB-EM1F1020	E&M Installation - 2nd fix - 1/F	40	0%	40	11-Sep-19	30-Oct-19				
ADB-EM1F1030	E&M Installation - Final fix - 1/F	40	0%	40	09-Oct-19	23-Nov-19				
ADB-EM1F1050	ABWF Works ready for E&M Mobilization to MVAC Plant Rooms - 1/F	0	0%	0	07-Aug-19		◆			
ADB-EM1F1060	E&M Installation - MVAC Plant Rooms - 1/F	64	0%	64	03-Sep-19	19-Nov-19				
ADB-EM1F1070	ABWF Works ready for E&M Mobilization to Electrical Plant Rooms - 1/F	0	0%	0	07-Aug-19		◆			
ADB-EM1F1080	E&M Installation - Electrical Plant Rooms - 1/F	64	0%	64	12-Oct-19	28-Dec-19				
ADB-EM1F1090	ABWF Works ready for E&M Mobilization to ELV Plant Rooms - 1/F	0	0%	0	07-Aug-19		◆			
ADB-EM1F1100	E&M Installation - ELV Plant Rooms - 1/F	52	0%	52	23-Sep-19	23-Nov-19				
Roof										
ADB-EMRF1000	ABWF Works ready for E&M Mobilization to General Areas - Roof	0	0%	0	25-Sep-19		◆			
ADB-EMRF1010	E&M Installation - 1st fix - Roof	25	0%	25	25-Sep-19	26-Oct-19				
ADB-EMRF1013	E&M Installation - 2nd fix - Roof	25	0%	25	19-Oct-19	16-Nov-19				
ADB-EMRF1020	ABWF Works ready for E&M Mobilization to Cooling Tower Area - Roof	0	0%	0	25-Sep-19		◆			
ADB-EMRF1030	E&M Installation - Cooling Tower Area - Roof	90	0%	90	25-Sep-19	14-Jan-20				
Lift Installation (L01)										
ADB-LF1010	Access to lift shaft and lift machine room	0	0%	0	25-Sep-19		◆			

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019			
							Jul		Aug	
							Jul	Aug	Sep	Oct
ADB-LF1020	Lift & lift machine room installation	80	0%	80	25-Sep-19	02-Jan-20				
E&M Works for Maintenance Depot										
Installation										
<i>G/F</i>										
MD-EMGF1000	ABWF Works ready for E&M Mobilization to General Areas - G/F	0	100%	0	18-Jul-19 A					
MD-EMGF1010	E&M Installation - 1st fix - G/F	40	5%	38	18-Jul-19 A	17-Sep-19	◆	■		
MD-EMGF1020	E&M Installation - 2nd fix - G/F	40	0%	40	10-Sep-19	29-Oct-19				
MD-EMGF1040	ABWF Works ready for E&M Mobilization to LV Switch Room - G/F	0	0%	0	08-Aug-19					
MD-EMGF1050	E&M Installation - LV Switch Room - G/F	90	0%	90	31-Aug-19	17-Dec-19				
MD-EMGF1080	ABWF Works ready for E&M Mobilization to Generator & Fuel Tank Rooms - G/F	0	0%	0	24-Aug-19		◆			
MD-EMGF1090	E&M Installation - Generator & Fuel Tank Rooms - G/F	75	0%	75	16-Sep-19	13-Dec-19				
MD-EMGF1110	ABWF Works ready for E&M Mobilization to Electrical Plant Rooms - G/F	0	0%	0	24-Aug-19		◆			
MD-EMGF1120	E&M Installation - Electrical Plant Rooms - G/F	70	0%	70	23-Sep-19	14-Dec-19				
MD-EMGF1130	ABWF Works ready for E&M Mobilization to MVAC Plant Rooms - G/F	0	0%	0	24-Aug-19		◆			
MD-EMGF1140	E&M Installation - MVAC Plant Rooms - G/F	90	0%	90	31-Aug-19	17-Dec-19				
MD-EMGF1150	ABWF Works ready for E&M Mobilization to FS Plant Rooms - G/F	0	0%	0	24-Aug-19		◆			
MD-EMGF1160	E&M Installation - FS Plant Rooms - G/F	90	0%	90	24-Aug-19	10-Dec-19				
MD-EMGF1170	ABWF Works ready for E&M Mobilization to PD Plant Rooms - G/F	0	0%	0	24-Aug-19		◆			
MD-EMGF1180	E&M Installation - PD Plant Rooms - G/F	85	0%	85	24-Aug-19	04-Dec-19				
MD-EMGF1190	ABWF Works ready for E&M Mobilization to Elv Plant Rooms - G/F	0	0%	0	24-Aug-19		◆			
MD-EMGF1200	E&M Installation - Elv Plant Rooms - G/F	60	0%	60	19-Sep-19	29-Nov-19				
<i>R/F</i>										
MD-EMRF1000	ABWF Works ready for E&M Mobilization to R/F	0	0%	0	28-Sep-19					
MD-EMRF1010	E&M Installation - 1st fix - R/F	30	0%	30	28-Sep-19	04-Nov-19			◆	
E&M Works for North Ventilation Building										
Installation										
<i>TVF Installation</i>										
<i>SB-NVB-TVF-3</i>										
TVF-NVB0220	Preparation Works	6	0%	6	20-Jul-19	26-Jul-19				
TVF-NVB1480	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	12	0%	12	27-Jul-19	09-Aug-19				
TVF-NVB1490	Damper/Silencer and duct installation - Lower Attenuator Room (B1/F)	12	0%	12	10-Aug-19	23-Aug-19				
TVF-NVB1500	Ventilation fan and duct installation - Fan Room (G/F)	6	0%	6	24-Aug-19	30-Aug-19				
TVF-NVB1510	Leakage test for TVF	8	0%	8	31-Aug-19	09-Sep-19				
<i>SB-NVB-TVF-4</i>										
TVF-NVB0230	Preparation Works	6	0%	6	20-Jul-19	26-Jul-19				
TVF-NVB1520	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	12	0%	12	27-Jul-19	09-Aug-19				
TVF-NVB1530	Damper/Silencer and duct installation - Lower Attenuator Room (B1/F)	12	0%	12	10-Aug-19	23-Aug-19				
TVF-NVB1540	Ventilation fan and duct installation - Fan Room (G/F)	6	0%	6	24-Aug-19	30-Aug-19				
TVF-NVB1550	Leakage test for TVF	8	0%	8	31-Aug-19	09-Sep-19				
<i>NB-NVB-TVF-2</i>										
TVF-NVB0110	Preparation Works	6	0%	6	10-Aug-19	16-Aug-19				
TVF-NVB1040	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	12	0%	12	17-Aug-19	30-Aug-19				
TVF-NVB1050	Damper/Silencer and duct installation - Lower Attenuator Room (B1/F)	12	0%	12	31-Aug-19	13-Sep-19				
TVF-NVB1060	Ventilation fan and duct installation - Fan Room (G/F)	6	0%	6	16-Sep-19	21-Sep-19				
TVF-NVB1070	Leakage test for TVF	8	0%	8	23-Sep-19	02-Oct-19				
<i>NB-NVB-TVF-3</i>										
TVF-NVB0120	Preparation Works	6	0%	6	10-Aug-19	16-Aug-19				
TVF-NVB1080	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	12	0%	12	17-Aug-19	30-Aug-19				

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

P 15/26

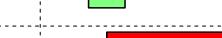
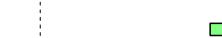
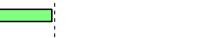
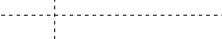
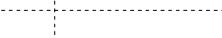
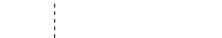
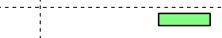
ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019				
								Jul	Aug	Sep	Oct
NB-NVB-TVF-10	TVF-NVB0180 Preparation Works	6	0%	6	23-Sep-19	28-Sep-19					
	TVF-NVB1320 Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	12	0%	12	30-Sep-19	15-Oct-19					
	TVF-NVB1330 Damper/Silencer and duct installation - Lower Attenuator Room (B1/F)	12	0%	12	16-Oct-19	29-Oct-19					
	B2/F										
	NVB-EMB21010 E&M Installation - 1st fix - B2/F	50	85%	8	21-Nov-18 A	29-Jul-19					
	NVB-EMB21020 E&M Installation - 2nd fix - B2/F	50	60%	20	28-Nov-18 A	21-Aug-19					
	NVB-EMB21030 E&M Installation - Final fix - B2/F	50	6%	47	24-Jan-19 A	18-Oct-19					
	NVB-EMB21060 E&M Installation - Electrical Plant Rooms - B2/F	90	0%	90	20-Jul-19	05-Nov-19					
	NVB-EMB21080 E&M Installation - MVAC Plant Rooms - B2/F	60	0%	60	20-Jul-19	28-Sep-19					
	NVB-EMB21100 E&M Installation - FS Plant Rooms - B2/F	45	0%	45	20-Jul-19	10-Sep-19					
	NVB-EMB21120 E&M Installation - PD Plant Rooms - B2/F	60	0%	60	16-Sep-19	26-Nov-19					
	NVB-EMB21140 E&M Installation - Elv Plant Rooms - B2/F	45	0%	45	05-Sep-19	31-Oct-19					
B1/F	NVB-EMB11010 E&M Installation - 1st fix - B1/F	50	78%	11	19-Nov-18 A	01-Aug-19					
	NVB-EMB11020 E&M Installation - 2nd fix - B1/F	50	60%	20	26-Nov-18 A	24-Aug-19					
	NVB-EMB11030 E&M Installation - Final fix - B1/F	50	6%	47	24-Jan-19 A	22-Oct-19					
	NVB-EMB11060 E&M Installation - Electrical Plant Rooms - B1/F	90	0%	90	20-Jul-19	05-Nov-19					
	NVB-EMB11080 E&M Installation - MVAC Plant Rooms - B1/F	60	0%	60	20-Jul-19	28-Sep-19					
	NVB-EMB11100 E&M Installation - Elv Plant Rooms - B1/F	45	0%	45	05-Sep-19	31-Oct-19					
G/F	NVB-EMGF1010 E&M Installation - 1st fix - G/F	50	83%	9	01-Aug-18 A	30-Jul-19					
	NVB-EMGF1020 E&M Installation - 2nd fix - G/F	50	57%	22	08-Aug-18 A	27-Aug-19					
	NVB-EMGF1030 E&M Installation - Final fix - G/F	50	6%	47	24-Jan-19 A	24-Oct-19					
	NVB-EMGF1070 Installation by CLP - CLPP HV Switch Room - G/F	82	51.22%	40	14-Feb-19 A	04-Sep-19					
	NVB-EMGF1120 E&M Installation - Genset Room & Fuel Tank Room - G/F	80	0%	80	16-Sep-19	19-Dec-19					
	NVB-EMGF1140 E&M Installation - Electrical Plant Rooms - G/F	50	0%	50	05-Sep-19	06-Nov-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-Jul-19	05-Nov-19					
	NVB-EMGF1200 E&M Installation - PD Plant Rooms - G/F	90	0%	90	30-Jul-19	14-Nov-19					
	1/F										
2/F	NVB-EM1F1010 E&M Installation - 1st fix - 1/F	50	74%	13	03-Sep-18 A	03-Aug-19					
	NVB-EM1F1020 E&M Installation - 2nd fix - 1/F	50	55%	23	10-Sep-18 A	30-Aug-19					
	NVB-EM1F1030 E&M Installation - Final fix - 1/F	50	6%	47	31-Jan-19 A	28-Oct-19					
	NVB-EM1F1050 E&M Installation - LV Switch Room - 1/F	40	10%	36	10-Jul-19 A	05-Oct-19					
	NVB-EM1F1060 Cable laying - LV Switch Room - 1/F	58	0%	58	24-Sep-19	02-Dec-19					
	NVB-EM1F1090 E&M Installation - 11kV Switch & Tx Room 1 - 1/F	60	10%	54	10-Jul-19 A	05-Oct-19					
	NVB-EM1F1150 E&M Installation - 11kV Switch & Tx Room 2 - 1/F	60	10%	54	10-Jul-19 A	05-Oct-19					
	NVB-EM1F1220 E&M Installation - Electrical Plant Rooms - 1/F	50	0%	50	05-Sep-19	06-Nov-19					
	NVB-EM1F1240 E&M Installation - MVAC Plant Rooms - 1/F	90	0%	90	20-Jul-19	05-Nov-19					
	NVB-EM1F1260 E&M Installation - FS Plant Rooms - 1/F	90	0%	90	19-Aug-19	04-Dec-19					

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019				
								Jul	Aug	Sep	Oct
NVB-EM2F1030	E&M Installation - Final fix - 2/F	50	6%	47	07-Feb-19 A	05-Nov-19					
NVB-EM2F1060	E&M Installation - Electrical Plant Rooms - 2/F	50	0%	50	05-Sep-19	06-Nov-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	05-Sep-19	31-Oct-19					
Lift Installation (L01 & L02)											
NVB-LF1020	Lift & lift machine room installation	73	0%	73	20-Jul-19	16-Oct-19					
Remaining E&M Works for Kiosk N2 (Structure Completed under KD2)											
EN2120	ABWF Works (Door, windows, tiles)	30	0%	30	20-Jul-19	23-Aug-19					
EN2130	E&M Works	31	0%	31	24-Aug-19	30-Sep-19					
EN2140	Testing & Comissioning	12	0%	12	02-Oct-19	16-Oct-19					
Key Date 3 - Satellite Control Building & TCSS Provision											
Building Structure											
SCB160	Second Floor	12	16.67%	10	03-Jul-19 A	31-Jul-19					
SCB170	Upper Roof Slab	15	0%	15	01-Aug-19	17-Aug-19					
SCB180	Handover Portion XVIIb to HY/2012/08	0	0%	0		14-Oct-19*					◆
ABWF Works (for All)											
ASCB1000	Blockwork Walls	19	0%	19	20-Jul-19	10-Aug-19					
ASCB1010	Door and Window Frames	19	0%	19	20-Jul-19	10-Aug-19					
ASCB1020	ABWF Works to Plant Rooms G/F	60	0%	60	27-Jul-19	08-Oct-19					
ASCB1021	ABWF Works to Plant Rooms 1/F	60	0%	60	03-Aug-19	15-Oct-19					
ASCB1022	ABWF Works to Plant Rooms 2/F	60	0%	60	10-Aug-19	22-Oct-19					
ASCB1030	ABWF Works to Office and Corridors G/F	95	0%	95	27-Jul-19	18-Nov-19					
ASCB1031	ABWF Works to Office and Corridors 1/F	95	0%	95	10-Aug-19	02-Dec-19					
ASCB1040	ABWF Works to Toilets 1/F	103	0%	103	27-Jul-19	27-Nov-19					
ASCB1050	Waterproofing and Roofing	50	0%	50	27-Jul-19	24-Sep-19					
ASCB1060	External Cladding and Wall Plastering	101	0%	101	27-Jul-19	25-Nov-19					
Provision for TCSS Installation											
SCB210	Cable Containment Installation to enable TCSS installation	62	0%	62	09-Sep-19	22-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	45	0%	45	20-Jul-19	10-Sep-19					
ETCB160	E&M 1st fix Installation for Canopy Structure	30	0%	30	11-Sep-19	18-Oct-19					
ETCB170	E&M 2nd fix and final fix Installation for Canopy Structure	30	0%	30	19-Oct-19	22-Nov-19					◆
E&M Works for TCB											
Installation											
<i>Basement</i>											
TCB-EM1001	E&M Installation - 1st fix - Basement	60	50%	30	10-Apr-19 A	23-Aug-19					
TCB-EM1002	E&M Installation - 2nd fix - Basement	60	30%	42	04-Jun-19 A	15-Oct-19					
TCB-EM1003	E&M Installation - Final fix - Basement	60	0%	60	16-Oct-19	24-Dec-19					
<i>G/F</i>											
TCB-EMGF1010	E&M Installation - 1st fix - G/F	60	66%	20	15-Feb-19 A	13-Aug-19					
TCB-EMGF1020	E&M Installation - 2nd fix - G/F	60	31%	41	15-May-19 A	02-Oct-19					
TCB-EMGF1070	Installation by CLP - CLP Tx Room - G/F	60	70%	18	14-Feb-19 A	09-Aug-19					
TCB-EMGF1100	ABWF Works ready for E&M Mobilization to LV Switch Room - G/F	0	100%	0	15-Jul-19 A		◆				
TCB-EMGF1110	E&M Installation - LV Switch Room - G/F	70	5%	67	15-Jul-19 A	07-Nov-19					
TCB-EMGF1140	ABWF Works ready for E&M Mobilization to Generator & Fuel Tank Rooms - G/F	0	0%	0	20-Jul-19						
TCB-EMGF1150	E&M Installation - Generator & Fuel Tank Rooms - G/F	90	0%	90	16-Sep-19	03-Jan-20					
TCB-EMGF1170	ABWF Works ready for E&M Mobilization to Electrical Plant Rooms - G/F	0	0%	0	20-Jul-19		◆				

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

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019			
							Jul	Aug	Sep	Oct
TCB-EMGF1190	ABWF Works ready for E&M Mobilization to MVAC Plant Rooms - G/F	0	0%	0	20-Jul-19					
TCB-EMGF1200	E&M Installation - MVAC Plant Rooms - G/F	90	0%	90	12-Aug-19	27-Nov-19				
TCB-EMGF1210	ABWF Works ready for E&M Mobilization to FS Plant Rooms - G/F	0	100%	0	05-Jul-19 A					
TCB-EMGF1220	E&M Installation - FS Plant Rooms - G/F	90	30%	63	05-Jul-19 A	03-Oct-19				
TCB-EMGF1230	ABWF Works ready for E&M Mobilization to PD Plant Rooms - G/F	0	0%	0	20-Jul-19					
TCB-EMGF1240	E&M Installation - PD Plant Rooms - G/F	60	0%	60	06-Sep-19	18-Nov-19				
1/F										
TCB-EM1F1010	E&M Installation - 1st fix - 1/F	60	68%	19	26-Mar-19 A	12-Aug-19				
TCB-EM1F1020	E&M Installation - 2nd fix - 1/F	60	36%	38	20-May-19 A	19-Oct-19				
TCB-EM1F1050	ABWF Works ready for E&M Mobilization to Electrical Plant Rooms - 1/F	0	0%	0	20-Jul-19					
TCB-EM1F1060	E&M Installation - Electrical Plant Rooms - 1/F	90	0%	90	31-Aug-19	17-Dec-19				
TCB-EM1F1070	ABWF Works ready for E&M Mobilization to FS Plant Rooms - 1/F	0	100%	0	05-Jul-19 A					
TCB-EM1F1080	E&M Installation - FS Plant Rooms - 1/F	90	30%	63	05-Jul-19 A	03-Oct-19				
TCB-EM1F1090	ABWF Works ready for E&M Mobilization to PD Plant Rooms - 1/F	0	0%	0	20-Jul-19					
TCB-EM1F1100	E&M Installation - PD Plant Rooms - 1/F	90	0%	90	12-Aug-19	27-Nov-19				
2/F										
TCB-EM2F1010	E&M Installation - 1st fix - 2/F	48	69%	15	04-Apr-19 A	06-Aug-19				
TCB-EM2F1020	E&M Installation - 2nd fix - 2/F	48	42%	28	30-May-19 A	07-Sep-19				
TCB-EM2F1050	ABWF Works ready for E&M Mobilization to Electrical Plant Rooms - 2/F	0	0%	0	20-Jul-19					
TCB-EM2F1070	ABWF Works ready for E&M Mobilization to MVAC Plant Rooms - 2/F	0	0%	0	20-Jul-19					
TCB-EM2F1080	E&M Installation - MVAC Plant Rooms - 2/F	90	0%	90	03-Aug-19	19-Nov-19				
TCB-EM2F1090	ABWF Works ready for E&M Mobilization to Elv Plant Rooms - 2/F	0	0%	0	20-Jul-19					
TCB-EM2F1100	E&M Installation - Elv Plant Rooms - 2/F	60	0%	60	19-Sep-19	29-Nov-19				
Roof										
TCB-EMRF1000	ABWF Works ready for E&M Mobilization to Roof	0	0%	0	24-Jul-19					
TCB-EMRF1010	E&M Installation - 1st fix - Roof	50	0%	50	24-Jul-19	20-Sep-19				
TCB-EMRF1020	E&M Installation - 2nd fix - Roof	50	0%	50	19-Oct-19	16-Dec-19				
Lift Installation (L01)										
TCB-LF1000	Access to lift shaft and lift machine room	0	0%	0	24-Jul-19					
TCB-LF1010	Lift & lift machine room installation	90	0%	90	31-Aug-19	17-Dec-19				
Toll Area										
South Bound										
ETA120	Possess Portions IX, XIX, XXIa, XXIb	0	0%	0	20-Jul-19					
ETA130	Installation of South Bound Toll Booths	30	0%	30	20-Jul-19	23-Aug-19				
ETA140	South Bound Toll Booths - E&M installation 1st fix	36	0%	36	24-Aug-19	08-Oct-19				
ETA150	Toll Booth Subway - E&M installation 1st fix	48	0%	48	09-Oct-19	03-Dec-19				
North Bound										
ETA190	Possess Portion XI	0	0%	0	20-Jul-19					
ETA200	Installation of North Bound Toll Booths	30	0%	30	20-Jul-19	23-Aug-19				
ETA210	North Bound Toll Booths - E&M installation 1st fix	36	0%	36	24-Aug-19	08-Oct-19				
ETA220	Toll Booth Subway - E&M installation 1st fix	48	0%	48	09-Oct-19	03-Dec-19				
Kiosk N1										
EN120	Possess Portion IX	0	0%	0	20-Jul-19					
EN130	Structure	48	0%	48	20-Jul-19	13-Sep-19				
EN140	ABWF Works (Door, windows, tiles)	30	0%	30	16-Sep-19	22-Oct-19				
Underpass										
E&M Works at Underpass										
EU110	Satge 1 E&M Works Completed for TCSS (under KD4)	0	100%	0	20-Jun-19 A					

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019				
								Jul	Aug	Sep	Oct
EU120	Remaining E&M Installations	37	20%	30	20-Jun-19 A	11-Nov-19					
VU110	Jet Fans installation	24	0%	24	20-Jul-19	16-Aug-19					
VU140	Dampers installation	24	0%	24	17-Aug-19	13-Sep-19					
VU150	Cabling Works	36	0%	36	20-Jul-19	30-Aug-19					
VU170	High Level works - Tunnel Lighting	39	25%	29	20-Jun-19 A	08-Oct-19					
VU180	Cladding Works	25	0%	25	31-Aug-19	30-Sep-19					
Plant Room							2019				
E&M Works								Jul	Aug	Sep	Oct
EPR120	Blockwork Wall & ABWF Works	90	60%	36	02-Nov-18 A	30-Aug-19					
EPR130	E&M Installation	90	15%	77	03-Jan-19 A	25-Oct-19					
EPR140	External Works	82	0%	82	31-Aug-19	07-Dec-19					
VU160	Pressurization Fans Installation	24	0%	24	17-Aug-19	13-Sep-19					
Deck Void							2019				
Bridge H1, G1, G2								Jul	Aug	Sep	Oct
DV110	Possess Portions IX	0	0%	0	20-Jul-19						
DV120	Electrical Installation - Bridge H1	28	0%	28	20-Jul-19	21-Aug-19					
DV130	Electrical Installation - Bridge G1	28	0%	28	22-Aug-19	24-Sep-19					
DV140	Electrical Installation - Bridge G2	28	0%	28	25-Sep-19	29-Oct-19					
TD1, TD2, RB_W								Jul	Aug	Sep	Oct
DV180	Possess Portions X, IX and XI	0	0%	0	20-Jul-19						
Approach Roads							2019				
Under Portions IX, XI, XX								Jul	Aug	Sep	Oct
AR120	Possess Portions IX and XI	0	0%	0	20-Jul-19						
AR130	Cabling works - Portion IX	45	0%	45	20-Jul-19	10-Sep-19					
AR133	Cabling works - Portion XI	45	0%	45	11-Sep-19	05-Nov-19					
AR140	Road lighting installation & termination - Portion IX	25	0%	25	17-Aug-19	16-Sep-19					
AR145	Road lighting installation & termination - Portion XI	25	0%	25	12-Oct-19	09-Nov-19					
Under Portion X								Jul	Aug	Sep	Oct
AR170	Possess Portions X	0	0%	0	20-Jul-19						
AR176	Underground Cable Duct Installation (by others)	61	50%	31	22-Apr-19 A	24-Aug-19					
AR180	Cabling works in portion X	90	0%	90	24-Aug-19	11-Dec-19					
AR190	Road lighting installation & termination in portion X	90	0%	90	07-Sep-19	27-Dec-19					
Key Date 6B - E&M Works for South Vent Duct, Tunnel, and Approach Roads							2019				
E&M Works								Jul	Aug	Sep	Oct
SVD120	Access to Portions III	0	0%	0	20-Jul-19						
Service Gallery								Jul	Aug	Sep	Oct
Ch 7200 - 5000								Jul	Aug	Sep	Oct
TNL-SG1000	Drilling works CH7200 - 5000	12	14%	10	16-Apr-19 A	01-Aug-19					
TNL-SG1010	Wall Mounted Pipe Module Installation CH7200 - 5000	30	14%	26	23-Apr-19 A	31-Aug-19					
TNL-SG1020	Ceiling Mounted Module Delivery CH7200 - 5000	30	14%	26	30-Apr-19 A	02-Oct-19					
TNL-SG1030	High Level 2nd Fix and Final Fix Installation CH7200 - 5000	46	0%	46	17-Sep-19	12-Nov-19					
TNL-SG1040	Cabling Works CH7200 - 5000	29	0%	29	02-Oct-19	06-Nov-19					
CH5000 - 3050								Jul	Aug	Sep	Oct
TNL-SG1060	Drilling works CH5000 - 3050	12	0%	12	01-Aug-19	15-Aug-19					
TNL-SG1070	Wall Mounted Pipe Module Installation CH5000 - 3050	30	0%	30	31-Aug-19	09-Oct-19					
TNL-SG1080	Ceiling Mounted Module Delivery CH5000 - 3050	30	0%	30	09-Oct-19	13-Nov-19					
Road Level & OHVD								Jul	Aug	Sep	Oct
Ch 7200 - 5000								Jul	Aug	Sep	Oct

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019				
								Jul	Aug	Sep	Oct
Ch 7200 - 6700											
TNU-RL1770	Bracket fixing on side wall - CH7200 to 6700	8	83.01%	1	15-Apr-19 A	22-Jul-19					
TNU-RL1775	Installation Works by Others (to be coordinated)	47	0%	47	22-Jul-19	16-Sep-19					
TNU-RL1790	Lighting in the middle of tunnels - CH7200 to 6700	8	0%	8	20-Jul-19	29-Jul-19					
TNU-RL1800	FH/ HR pipe installation - CH7200 to 6700	8	76%	2	02-Apr-19 A	31-Jul-19					
TNU-RL1830	Cabling Works on Brackets - CH7200 to 6700	14	51.01%	7	16-Apr-19 A	08-Aug-19					
TNU-RL1840	MSFD delivery in OHVD - CH7200 to 6700	9	50%	5	10-Jun-19 A	06-Aug-19					
TNU-RL1870	MSFD installation works in OHVD - CH7200 to 6700	9	50%	5	10-Jun-19 A	10-Aug-19					
TNU-RL1880	High level wiring works and remaining High level works in the middle of tunnels - CH7200 to 6700	20	0%	20	08-Aug-19	31-Aug-19					
TNU-RL1910	Low level works - FS nicle module - CH7200 to 6700	10	0%	10	20-Aug-19	31-Aug-19					
TNU-RL1930	Low level works - FS nicle connection - CH7200 to 6700	10	0%	10	22-Aug-19	03-Sep-19					
TNU-RL1940	Final connection to small powers - CH7200 to 6700	10	0%	10	03-Sep-19	16-Sep-19					
TNU-RL1970	Cladding works - CH7200 to 6700	13	0%	13	16-Sep-19	02-Oct-19					
Ch 6700 - 6100											
TNU-RL1000	Bracket fixing on side wall - CH6700 to 6100	10	83%	2	15-Apr-19 A	24-Jul-19					
TNU-RL1005	Installation Works by Others (to be coordinated)	70	0%	70	24-Jul-19	16-Oct-19					
TNU-RL1010	Lighting in the middle of tunnels - CH6700 to 6100	9	77%	2	11-Jun-19 A	01-Aug-19					
TNU-RL1020	FH/ HR pipe installation - CH6700 to 6100	10	87%	1	16-Apr-19 A	02-Aug-19					
TNU-RL1030	Cabling Works on Brackets - CH6700 to 6100	17	29%	12	16-Apr-19 A	22-Aug-19					
TNU-RL1040	MSFD delivery in OHVD - CH6700 to 6100	11	78%	2	18-May-19 A	08-Aug-19					
TNU-RL1050	MSFD installation works in OHVD - CH6700 to 6100	11	78%	2	18-May-19 A	14-Aug-19					
TNU-RL1060	High level wiring works and remaining High level works in the middle of tunnels - CH6700 to 6100	24	0%	24	31-Aug-19	30-Sep-19					
TNU-RL1070	Low level works - FS nicle module - CH6700 to 6100	12	0%	12	16-Sep-19	30-Sep-19					
TNU-RL1080	Low level works - FS nicle connection - CH6700 to 6100	12	0%	12	18-Sep-19	03-Oct-19					
TNU-RL1090	Final connection to small powers - CH6700 to 6100	10	0%	10	03-Oct-19	16-Oct-19					
TNU-RL1100	Cladding works - CH6700 to 6100	15	0%	15	16-Oct-19	02-Nov-19					
Ch 6100 - 5600											
TNU-RL1110	Bracket fixing on side wall - CH6100 to 5600	8	83.01%	1	15-Apr-19 A	25-Jul-19					
TNU-RL1115	Installation Works by Others (to be coordinated)	86	0%	86	25-Jul-19	06-Nov-19					
TNU-RL1120	Lighting in the middle of tunnels - CH6100 to 5600	8	96%	0	11-Jun-19 A	01-Aug-19					
TNU-RL1130	FH/ HR pipe installation - CH6100 to 5600	8	90%	1	09-Apr-19 A	03-Aug-19					
TNU-RL1140	Cabling Works on Brackets - CH6100 to 5600	14	53.99%	6	23-Apr-19 A	30-Aug-19					
TNU-RL1150	MSFD delivery in OHVD - CH6100 to 5600	9	100%	0	20-Jun-19 A	20-Jul-19 A					
TNU-RL1160	MSFD installation works in OHVD - CH6100 to 5600	9	100%	0	20-Jun-19 A	20-Jul-19 A					
TNU-RL1170	High level wiring works and remaining High level works in the middle of tunnels - CH6100 to 5600	20	10%	18	12-Jul-19 A	23-Oct-19					
TNU-RL1180	Low level works - FS nicle module - CH6100 to 5600	10	0%	10	11-Oct-19	23-Oct-19					
TNU-RL1190	Low level works - FS nicle connection - CH6100 to 5600	10	0%	10	14-Oct-19	25-Oct-19					
CH 5600 - 5000											
TNU-RL1220	Bracket fixing on side wall - CH5600 to 5000	10	83%	2	15-Apr-19 A	27-Jul-19					
TNU-RL1225	Installation Works by Others (to be coordinated)	106	0%	106	27-Jul-19	02-Dec-19					
TNU-RL1240	FH/ HR pipe installation - CH5600 to 5000	10	88%	1	16-Apr-19 A	10-Sep-19					
TNU-RL1250	Cabling Works on Brackets - CH5600 to 5000	17	65%	6	23-Apr-19 A	18-Sep-19					
TNU-RL1260	MSFD delivery in OHVD - CH5600 to 5000	11	55.99%	5	13-Jul-19 A	14-Aug-19					
TNU-RL1270	MSFD installation works in OHVD - CH5600 to 5000	11	55.99%	5	13-Jul-19 A	20-Aug-19					
TNU-RL1280	High level wiring works and remaining High level works in the middle of tunnels - CH5600 to 5000	24	10%	22	20-Jun-19 A	18-Nov-19					
CH5000 - 3050											
CH5000 - 4500											

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019				
							Jul	Aug	Sep	Oct	
TNU-RL1785	Installation Works by Others (to be coordinated)	119	0%	119	03-Aug-19	27-Dec-19					
TNU-RL1810	Lighting in the middle of tunnels - CH5000 to 4500	8	90%	1	20-Jun-19 A	18-Sep-19					■
TNU-RL1820	FH/ HR pipe installation - CH5000 to 4500	8	80%	2	06-May-19 A	20-Sep-19					■
TNU-RL1850	Cabling Works on Brackets - CH5000 to 4500	14	75%	4	14-May-19 A	24-Sep-19					■
TNU-RL1860	MSFD delivery in OHVD - CH5000 to 4500	9	15%	8	17-Jul-19 A	30-Sep-19					■
TNU-RL1890	MSFD installation works in OHVD - CH5000 to 4500	9	15%	8	17-Jul-19 A	10-Oct-19					■
CH4500 - 4000											
TNU-RL1330	Bracket fixing on side wall - CH4500 to 4000	8	0%	8	03-Aug-19	13-Aug-19					■
TNU-RL1335	Installation Works by Others (to be coordinated)	131	0%	131	13-Aug-19	21-Jan-20					
TNU-RL1340	Lighting in the middle of tunnels - CH4500 to 4000	8	100%	0	05-Jul-19 A	12-Jul-19 A					■
TNU-RL1350	FH/ HR pipe installation - CH4500 to 4000	8	74%	2	14-May-19 A	23-Sep-19					■
TNU-RL1360	Cabling Works on Brackets - CH4500 to 4000	14	67%	5	20-May-19 A	30-Sep-19					■
TNU-RL1370	MSFD delivery in OHVD - CH4500 to 4000	9	0%	9	30-Sep-19	12-Oct-19					■
TNU-RL1380	MSFD installation works in OHVD - CH4500 to 4000	9	0%	9	12-Oct-19	23-Oct-19					■
CH4000 - 3500											
TNU-RL1440	Bracket fixing on side wall - CH4000 to 3500	8	0%	8	13-Aug-19	22-Aug-19					■
TNU-RL1445	Installation Works by Others (to be coordinated)	143	0%	143	22-Aug-19	17-Feb-20					
TNU-RL1450	Lighting in the middle of tunnels - CH4000 to 3500	8	98.01%	0	13-Jul-19 A	18-Sep-19					■
TNU-RL1460	FH/ HR pipe installation - CH4000 to 3500	8	66.99%	3	14-May-19 A	26-Sep-19					■
TNU-RL1470	Cabling Works on Brackets - CH4000 to 3500	14	53.99%	6	20-Jun-19 A	09-Oct-19					■
TNU-RL1480	MSFD delivery in OHVD - CH4000 to 3500	9	0%	9	12-Oct-19	23-Oct-19					■
CH3500 - 3050											
TNU-RL1550	Bracket fixing on side wall - CH3500 to 3050	8	0%	8	22-Aug-19	31-Aug-19					■
TNU-RL1555	Installation Works by Others (to be coordinated)	155	0%	155	31-Aug-19	11-Mar-20					
TNU-RL1560	Lighting in the middle of tunnels - CH3500 to 3050	8	65%	3	16-Jul-19 A	21-Sep-19					■
TNU-RL1570	FH/ HR pipe installation - CH3500 to 3050	8	40%	5	20-Jun-19 A	02-Oct-19					■
TNU-RL1580	Cabling Works on Brackets - CH3500 to 3050	14	27%	10	04-Jul-19 A	22-Oct-19					■
Key Date 7 - E&M Works for Satellite Control Building and Kiosks S1&S2											
E&M Works for Satellite Control Building											
E&M Works											
Installation											
G/F											
SCB-EMGF10	ABWF Works ready for E&M Mobilization to General Areas - G/F	0	0%	0	07-Sep-19		◆				
SCB-EMGF10	E&M Installation - 1st fix - G/F	30	0%	30	07-Sep-19	15-Oct-19					■
SCB-EMGF10	ABWF Works ready for E&M Mobilization to Generator Room & Fuel Tank Room - G/F	0	0%	0	07-Sep-19		◆				
SCB-EMGF10	E&M Installation - Generator Room & Fuel Tank Room - G/F	70	0%	70	12-Oct-19	04-Jan-20					■
SCB-EMGF10	ABWF Works ready for E&M Mobilization to LV Switch Room - G/F	0	0%	0	02-Sep-19						
SCB-EMGF10	E&M Installation - LV Switch Room - G/F	60	0%	60	03-Sep-19	14-Nov-19					■
SCB-EMGF11	ABWF Works ready for E&M Mobilization to CLP Tx Room - G/F	0	0%	0	10-Aug-19		◆				
SCB-EMGF11	E&M Installation - CLP Tx Room - G/F	18	0%	18	16-Aug-19	05-Sep-19					■
SCB-EMGF11	Inspection & Handover to CLP	6	0%	6	06-Sep-19	12-Sep-19					■
SCB-EMGF11	Installation by CLP - CLP Tx Room - G/F	68	0%	68	13-Sep-19	04-Dec-19					■
SCB-EMGF11	ABWF Works ready for E&M Mobilization to FS Plant Rooms - G/F	0	0%	0	07-Sep-19		◆				
SCB-EMGF11	E&M Installation - FS Plant Rooms - G/F	80	0%	80	17-Sep-19	20-Dec-19					■
SCB-EMGF11	ABWF Works ready for E&M Mobilization to PD Plant Rooms - G/F	0	0%	0	07-Sep-19		◆				
SCB-EMGF12	E&M Installation - PD Plant Rooms - G/F	90	0%	90	07-Sep-19	24-Dec-19					■
1/F											
SCB-EM1F10	ABWF Works ready for E&M Mobilization to General Areas - 1/F	0	0%	0	23-Sep-19		◆				

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

P 22/26

Date	Revision	Checked	Approved
20-Jul-19			

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

P 23/26

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019			
							Jul	Aug	Sep	Oct
CED230	First Floor	25	16%	21	17-Jul-19 A	13-Aug-19				
CED240	Second Floor	25	0%	25	14-Aug-19	11-Sep-19				
CED250	Third Floor	32	0%	32	12-Sep-19	22-Oct-19				
ABWF Works										
ACED1000	Blockwork Walls	54	0%	54	12-Sep-19	16-Nov-19				
ACED1010	Door and Window Frames	48	0%	48	20-Sep-19	16-Nov-19				
ACED1020	ABWF Works to Plant Rooms G/F	60	0%	60	27-Sep-19	07-Dec-19				
ACED1030	ABWF Works to Office and Corridors G/F	133	0%	133	27-Sep-19	09-Mar-20				
ACED1040	ABWF Works to Toilets G/F	142	0%	142	27-Sep-19	19-Mar-20				
E&M Works										
Installation										
C&EDB-GF0001	E&M cast-in Installation	90	40%	54	18-May-19 A	21-Sep-19				
G/F										
C&EDB-GF1000	ABWF Works ready for E&M Mobilization to General Areas - G/F	0	0%	0	16-Oct-19					
C&EDB-GF1010	E&M Installation - 1st fix - G/F	40	0%	40	16-Oct-19	30-Nov-19				
C&EDB-GF1040	ABWF Works ready for E&M Mobilization to CLP Tx Room - G/F	0	0%	0	14-Oct-19					
C&EDB-GF1050	E&M Installation - CLP Tx Room - G/F	18	0%	18	14-Oct-19	02-Nov-19				
Statutory Inspections and approvals										
C&EDB-SI1000	Submission of Genset Exhaust Drawing to EPD	0	0%	0	20-Jul-19					
C&EDB-SI1005	Review and Approval of Genset Exhaust Drawing by EPD	48	0%	48	20-Jul-19	13-Sep-19				
Key Date 11 - Landscape Soft Works & Trees Protection										
Trees Protection										
SL196	Protection Existing Trees & Submit Report with Photographic Record No.7	41	90.24%	4	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 Comisioning & Opening										
Petrol Filling Station										
Structure										
PS110	Possess Portion Vc	0	0%	0		20-Jul-19				
PS120	Excavation	20	0%	20	20-Jul-19	12-Aug-19				
PS130	Footing	20	0%	20	13-Aug-19	04-Sep-19				
PS140	Petrol Filling Station Roof	14	0%	14	05-Sep-19	21-Sep-19				
PS150	Structure for Petrol Filling Station	36	0%	36	05-Sep-19	19-Oct-19				
PS160	Underground Fuel Tank Structure	36	0%	36	05-Sep-19	19-Oct-19				
Statutory Inspections and approvals										
Administration Building										
ADB-SI1000	Submission of Genset Exhaust Drawing to EPD	0	0%	0	20-Jul-19					
ADB-SI1005	Review and Approval of Genset Exhaust Drawing by EPD	48	0%	48	20-Jul-19	13-Sep-19				
Maintenance Depot										
MD-SI1000	Submission of Genset Exhaust Drawing to EPD	0	0%	0	20-Jul-19					
MD-SI1005	Review and Approval of Genset Exhaust Drawing by EPD	48	0%	48	20-Jul-19	13-Sep-19				
North Ventilation Building										
NVB-SI1000	Submission of Genset Exhaust Drawing to EPD	0	0%	0	20-Jul-19					
NVB-SI1005	Review and Approval of Genset Exhaust Drawing by EPD	48	0%	48	20-Jul-19	13-Sep-19				
Toll Control Building & Toll Collector Subway										
TCB-SI0010	Submission of Genset Exhaust Drawing to EPD	0	0%	0	20-Jul-19					
TCB-SI0015	Review and Approval of Genset Exhaust Drawing by EPD	48	0%	48	20-Jul-19	13-Sep-19				
Satellite Control Building										

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

P 25/26

Date	Revision	Checked	Approved
20-Jul-19			

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019				
								Jul	Aug	Sep	Oct
							◆				
South Ventilation Building	SCB-SI1000	Submission of Genset Exhaust Drawing to EPD	0	0%	0	22-Jul-19					
	SCB-SI1005	Review and Approval of Genset Exhaust Drawing by EPD	48	0%	48	22-Jul-19	17-Sep-19				
	South Ventilation Building										
	SVB-SI1000	Submission of Genset Exhaust Drawing to EPD	0	0%	0	24-Jul-19					
	SVB-SI1005	Review and Approval of Genset Exhaust Drawing by EPD	48	0%	48	24-Jul-19	19-Sep-19				

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

P 26/26

Date	Revision	Checked	Approved
20-Jul-19			