

Appendix B

Construction Programme

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019				
							Apr	May	Jun	Jul	
HY2017/10 - Works Programme Three Month Rolling Programme 20-Apr-19											
Contract Dates											
Key Dates											
KD01	KD01 - Toll Control Bldg & TCSS Provision	0	0%	0		29-Apr-19*		◆			
KD04A	KD4A - C&ED & FSD Substructure, Boundary Wall, ELS Removal	0	100%	0		30-Mar-19 A	◆				
Portion Access Dates											
P240	Access to Portion I (Day 329)	0	100%	0	25-Mar-19 A		◆				
P320	Access to Portion III (Day 437)	0	0%	0	17-Jul-19					◆	
Portion Possession Dates											
P245	Possession to Portion Vc - (2 May 2019)	0	0%	0	02-May-19*			◆			
P270	Possession to Portion XIX (Day 390)	0	0%	0	31-May-19				◆		
P285	Possession to Portion XI (Day 390)	0	0%	0	31-May-19				◆		
P290	Possession to Portion XXIa (Day 390)	0	0%	0	31-May-19				◆		
P295	Possession to Portion IX (Day 390)	0	0%	0	31-May-19				◆		
P300	Possession to Portion XXIIb (Day 390)	0	0%	0	31-May-19				◆		
P305	Possession to Portion X (Day 390)	0	0%	0	31-May-19				◆		
P315	Possession to Portion XXIIc (Day 390)	0	0%	0	31-May-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	25-May-19					
TCB-EMD1115	Authorities Review and Comment of MVAC Pump head calculation	56	50%	28	23-Aug-18 A	25-May-19					
TCB-EMD1135	Authorities Review and Comment of Mechanical Ventilation Capacity Calculation	56	50%	28	10-Jul-18 A	25-May-19					
Electrical System											
TCB-EMD1015	Authorities Review and Comment of UPS and Battery Capacity Calculations	56	50%	28	22-Aug-18 A	25-May-19					
TCB-EMD1033	ER Review and Approval of Electrical Loading Demand Calculation	13	0%	13	11-Mar-19 A	08-May-19					
TCB-EMD1035	Authorities Review and Comment of Electrical Loading Demand Calculation	56	25%	42	16-Aug-18 A	12-Jun-19					
TCB-EMD1055	Authorities Review and Comment of Generator Calculation	56	50%	28	15-Aug-18 A	25-May-19					
TCB-EMD1335	ER Review and Approval of System Design of PV System	13	50%	7	04-Apr-19 A	30-Apr-19					
TCB-EMD1345	Authorities Review and Comment of PV System	56	50%	28	05-Mar-19 A	25-May-19					
Fire Service System											
TCB-EMD1175	Authorities Review and Comment of FS Pump Head Calculation	56	50%	28	01-Aug-18 A	25-May-19					
TCB-EMD1195	Authorities Review and Comment of Sprinkler Pump Head Calculation	56	50%	28	14-Aug-18 A	25-May-19					
TCB-EMD1215	Authorities Review and Comment of FM200 System Design Calculation	56	50%	28	13-Aug-18 A	25-May-19					
Plumbing & Drainage System											
TCB-EMD1235	Authorities Review and Comment of Pump Head Calculation	56	50%	28	07-Aug-18 A	25-May-19					
TCB-EMD1275	Authorities Review and Comment of Hot water system capacity calculation	56	50%	28	07-Aug-18 A	25-May-19					
TCB-EMD1395	Authorities Review and Comment of Drainage Sump Pumps and Pump Pits Calculation	56	50%	28	23-Jul-18 A	25-May-19					
Administration Building											
MVAC System											
ADB-EMD1015	Authorities Review and Comment of AC Cooling Capacity Calculation	56	50%	28	17-Aug-18 A	25-May-19					
ADB-EMD1035	Authorities Review and Comment of AHU/PAU Static Pressure Calculation	56	50%	28	08-Oct-18 A	25-May-19					
ADB-EMD1055	Authorities Review and Comment of Pump head calculation	56	50%	28	07-Nov-18 A	25-May-19					
ADB-EMD1075	Authorities Review and Comment of Mechanical Ventilation Capacity Calculation	56	50%	28	17-Aug-18 A	25-May-19					
Electrical System											
ADB-EMD1093	ER Review and Approval of UPS and Battery Capacity Calculations	13	50%	7	23-Feb-19 A	30-Apr-19					
ADB-EMD1095	Authorities Review and Comment of UPS and Battery Capacity Calculations	56	50%	28	05-Sep-18 A	25-May-19					
ADB-EMD1112	Preparation and Resubmission of Electrical Loading Demand Calculation	26	0%	26	06-Oct-18 A	23-May-19					

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ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019			
							Apr	May	Jun	Jul
ADB-EMD1113	ER Review and Approval of Electrical Loading Demand Calculation	13	0%	13	24-May-19	08-Jun-19				
ADB-EMD1115	Authorities Review and Comment of Electrical Loading Demand Calculation	56	25%	42	27-Aug-18 A	12-Jun-19				
ADB-EMD1135	Authorities Review and Comment of Generator Calculation	56	50%	28	09-Aug-18 A	25-May-19				
ADB-EMD1335	ER Review and Approval of System Design of PV System	13	50%	7	04-Apr-19 A	30-Apr-19				
ADB-EMD1345	Authorities Review and Comment of System Design of PV System	56	50%	28	05-Mar-19 A	25-May-19				
Fire Service System										
ADB-EMD1155	Authorities Review and Comment of FS Pump Head Calculation	56	50%	28	13-Aug-18 A	25-May-19				
ADB-EMD1175	Authorities Review and Comment of Sprinkler Pump Head Calculation	56	50%	28	13-Aug-18 A	25-May-19				
ADB-EMD1195	Authorities Review and Comment of FM200 System Design Calculation	56	50%	28	13-Aug-18 A	25-May-19				
Plumbing & Drainage System										
ADB-EMD1215	Authorities Review and Comment of Pump Head Calculation	56	50%	28	25-Aug-18 A	25-May-19				
ADB-EMD1235	Authorities Review and Comment of Pressure Vessel Calculation	56	50%	28	25-Aug-18 A	25-May-19				
ADB-EMD1255	Authorities Review and Comment of Hot water system capacity calculation	56	50%	28	25-Aug-18 A	25-May-19				
North Ventilation Building										
MVAC System										
NVB-EMD1035	Authorities Review and Comment of Mechanical Ventilation Capacity Calculation	56	50%	28	26-Sep-18 A	25-May-19				
Electrical System										
NVB-EMD1053	ER Review and Approval of HV Electrical Loading Calculation	13	100%	0	22-Mar-19 A	02-Apr-19 A				
NVB-EMD1055	Authorities Review and Comment of HV Electrical Loading Calculation	56	50%	28	26-Sep-18 A	25-May-19				
NVB-EMD1075	Authorities Review and Comment of UPS and Battery Capacity Calculations	56	50%	28	17-Aug-18 A	25-May-19				
NVB-EMD1093	ER Review and Approval of Electrical Loading Demand Calculation	13	0%	13	20-Mar-19 A	08-May-19				
NVB-EMD1095	Authorities Review and Comment of Electrical Loading Demand Calculation	56	50%	28	03-Sep-18 A	25-May-19				
NVB-EMD1115	Authorities Review and Comment of Generator Calculation	56	50%	28	17-Aug-18 A	25-May-19				
Fire Service System										
NVB-EMD1135	Authorities Review and Comment of FS Pump Head Calculation	56	50%	28	01-Aug-18 A	25-May-19				
NVB-EMD1155	Authorities Review and Comment of Sprinkler Pump Head Calculation	56	50%	28	14-Aug-18 A	25-May-19				
NVB-EMD1175	Authorities Review and Comment of FM200 System Design Calculation	28	50%	14	13-Aug-18 A	09-May-19				
Plumbing & Drainage System										
NVB-EMD1305	Authorities Review and Comment of Drainage Sump Pumps and Pump Pits Calculation	56	50%	28	07-Aug-18 A	25-May-19				
Maintenance Depot										
MVAC System										
MD-EMD1015	Authorities Review and Comment of AC Cooling Capacity Calculation	56	50%	28	17-Aug-18 A	25-May-19				
MD-EMD1055	Authorities Review and Comment of Mechanical Ventilation Capacity Calculation	56	50%	28	17-Aug-18 A	25-May-19				
Electrical System										
MD-EMD1072	Preparation and Resubmission of Electrical Loading Demand Calculation	26	0%	26	05-Jan-19 A	23-May-19				
MD-EMD1073	ER Review and Approval of Electrical Loading Demand Calculation	13	0%	13	24-May-19	08-Jun-19				
MD-EMD1075	Authorities Review and Comment of Electrical Loading Demand Calculation	56	25%	42	27-Aug-18 A	12-Jun-19				
MD-EMD1095	Authorities Review and Comment of Generator Calculation	56	50%	28	06-Oct-18 A	25-May-19				
Fire Service System										
MD-EMD1115	Authorities Review and Comment of FS Pump Head Calculation	56	50%	28	14-Aug-18 A	25-May-19				
MD-EMD1135	Authorities Review and Comment of Sprinkler Pump Head Calculation	56	50%	28	14-Aug-18 A	25-May-19				
MD-EMD1155	Authorities Review and Comment of FM200 System Design Calculation	56	50%	28	14-Aug-18 A	25-May-19				
Plumbing & Drainage System										
MD-EMD1175	Authorities Review and Comment of Pump Head Calculation	56	50%	28	13-Aug-18 A	25-May-19				
MD-EMD1195	Authorities Review and Comment of Pressure Vessel Calculation	56	50%	28	13-Aug-18 A	25-May-19				
MD-EMD1215	Authorities Review and Comment of Drainage Sump Pumps and Pump Pits Calculation	56	50%	28	27-Aug-18 A	25-May-19				
Satellite Control Building										
MVAC System										

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26-Apr-19			

ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019			
							Apr	May	Jun	Jul
SCB-EMD1015	Authorities Review and Comment of AC Cooling Capacity Calculation	56	50%	28	17-Aug-18 A	25-May-19				
SCB-EMD1035	Authorities Review and Comment of Mechanical Ventilation Capacity Calculation	56	50%	28	17-Aug-18 A	25-May-19				
Electrical System										
SCB-EMD1055	Authorities Review and Comment of UPS and Battery Capacity Calculations	56	50%	28	05-Sep-18 A	25-May-19				
SCB-EMD1073	ER Review and Approval of Electrical Loading Demand Calculation	13	50%	7	18-Mar-19 A	30-Apr-19				
SCB-EMD1075	Authorities Review and Comment of Electrical Loading Demand Calculation	56	25%	42	01-Nov-18 A	12-Jun-19				
SCB-EMD1095	Authorities Review and Comment of Generator Calculation	56	50%	28	27-Nov-18 A	25-May-19				
Fire Service System										
SCB-EMD1115	Authorities Review and Comment of FS Pump Head Calculation	56	50%	28	14-Aug-18 A	25-May-19				
SCB-EMD1135	Authorities Review and Comment of Sprinkler Pump Head Calculation	56	50%	28	14-Aug-18 A	25-May-19				
SCB-EMD1155	Authorities Review and Comment of FM200 System Design Calculation	56	50%	28	14-Aug-18 A	25-May-19				
Plumbing & Drainage System										
SCB-EMD1285	Authorities Review and Comment of Pump Head Calculation	56	50%	28	27-Aug-18 A	25-May-19				
SCB-EMD1335	Authorities Review and Comment of Pressure Vessel Calculation	56	50%	28	27-Aug-18 A	25-May-19				
Costom & Excise Department Building										
Electrical System										
CEDB-EMD1015	Authorities Review and Comment of UPS and Battery Capacity Calculations	56	50%	28	01-Nov-18 A	25-May-19				
CEDB-EMD1032	Preparation and Resubmission of Electrical Loading Demand Calculation	26	0%	26	23-Jan-19 A	23-May-19				
CEDB-EMD1033	ER Review and Approval of Electrical Loading Demand Calculation	13	0%	13	24-May-19	08-Jun-19				
CEDB-EMD1035	Authorities Review and Comment of Electrical Loading Demand Calculation	56	25%	42	01-Nov-18 A	12-Jun-19				
CEDB-EMD1055	Authorities Review and Comment of Generator Calculation	56	50%	28	27-Nov-18 A	25-May-19				
Fire Service System										
CEDB-EMD1075	Authorities Review and Comment of FS Pump Head Calculation	56	50%	28	21-Dec-18 A	25-May-19				
CEDB-EMD1095	Authorities Review and Comment of Sprinkler Pump Head Calculation	56	50%	28	08-Oct-18 A	25-May-19				
Plumbing & Drainage System										
CEDB-EMD1135	Authorities Review and Comment of Pump Head Calculation	56	50%	28	07-Sep-18 A	25-May-19				
CEDB-EMD1155	Authorities Review and Comment of Pressure Vessel Calculation	56	50%	28	05-Sep-18 A	25-May-19				
Fire Services Department Building										
Electrical System										
FSDB-EMD1015	Authorities Review and Comment of UPS and Battery Capacity Calculations	56	50%	28	01-Nov-18 A	25-May-19				
FSDB-EMD1032	Preparation and Resubmission of Electrical Loading Demand Calculation	26	0%	26	23-Jan-19 A	23-May-19				
FSDB-EMD1033	ER Review and Approval of Electrical Loading Demand Calculation	13	0%	13	24-May-19	08-Jun-19				
FSDB-EMD1035	Authorities Review and Comment of Electrical Loading Demand Calculation	56	25%	42	01-Nov-18 A	12-Jun-19				
FSDB-EMD1055	Authorities Review and Comment of Generator Calculation	56	50%	28	27-Nov-18 A	25-May-19				
Fire Service System										
FSDB-EMD1075	Authorities Review and Comment of FS Pump Head Calculation	56	50%	28	07-Sep-18 A	25-May-19				
FSDB-EMD1095	Authorities Review and Comment of Sprinkler Pump Head Calculation	56	50%	28	07-Sep-18 A	25-May-19				
FSDB-EMD1205	Authorities Review and Comment of FM200 System Design Calculation	56	50%	28	07-Sep-18 A	25-May-19				
Plumbing & Drainage System										
FSDB-EMD1135	Authorities Review and Comment of Pump Head Calculation	56	50%	28	05-Sep-18 A	25-May-19				
FSDB-EMD1155	Authorities Review and Comment of Pressure Vessel Calculation	56	50%	28	05-Sep-18 A	25-May-19				
South Ventilation Building										
MVAC System										
SVB-EMD1013	ER Review and Approval of Staircase Pressurization System Calculation	13	100%	0	26-Mar-19 A	02-Apr-19 A				
SVB-EMD1015	Authorities Review and Comment of Staircase Pressurization System Calculation	56	50%	28	24-Jan-19 A	25-May-19				
SVB-EMD1035	Authorities Review and Comment of Mechanical Ventilation Capacity Calculation	56	50%	28	11-Sep-18 A	25-May-19				
Electrical System										
SVB-EMD1055	Authorities Review and Comment of HV Electrical Loading Calculation	56	50%	28	01-Nov-18 A	25-May-19				

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ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019			
							Apr	May	Jun	Jul
SVB-EMD1093	ER Review and Approval of Electrical Loading Demand Calculation	13	0%	13	20-Mar-19 A	08-May-19				
SVB-EMD1095	Authorities Review and Comment of Electrical Loading Demand Calculation	56	0%	56	28-Nov-18 A	28-Jun-19				
SVB-EMD1115	Authorities Review and Comment of Generator Calculation	56	50%	28	07-Dec-18 A	25-May-19				
Fire Service System										
SVB-EMD1135	Authorities Review and Comment of FS Pump Head Calculation	56	50%	28	21-Dec-18 A	25-May-19				
SVB-EMD1155	Authorities Review and Comment of Sprinkler Pump Head Calculation	56	50%	28	21-Dec-18 A	25-May-19				
SVB-EMD1175	Authorities Review and Comment of FM200 System Design Calculation	56	50%	28	30-Nov-18 A	25-May-19				
Plumbing & Drainage System										
SVB-EMD1213	ER Review and Approval of Pressure Vessel Calculation	13	50%	7	16-Jan-19 A	30-Apr-19				
Vehicular Underpass										
Fire Service System										
VU-EMD1025	Authorities Review and Comment of Foam system design calculation	56	50%	28	09-Aug-18 A	25-May-19				
Plumbing & Drainage System										
VU-EMD1045	Authorities Review and Comment of Pump Head Calculation	56	50%	28	27-Sep-18 A	25-May-19				
Tunnel Lighting System										
VU-EMD1145	Authorities Review and Comment of Design Proposal of Tunnel Lighting System (TLS)	56	50%	28	29-Aug-18 A	25-May-19				
VU-EMD1165	Authorities Review and Comment of Tunnel Lighting Lux Calculation	56	50%	28	31-Dec-18 A	25-May-19				
Tunnel										
Fire Service System										
TUN-EMD1033	ER Review and Approval of Foam system design calculation	13	50%	7	29-Mar-19 A	30-Apr-19				
TUN-EMD1035	Authorities Review and Comment of Foam system design calculation	56	50%	28	09-Aug-18 A	25-May-19				
TUN-EMD1112	Preparation and Resubmission of FS Pump Head Calculation	26	100%	0	21-Mar-19 A	21-Mar-19 A				
TUN-EMD1113	ER Review and Approval of FS Pump Head Calculation	13	100%	0	21-Mar-19 A	21-Mar-19 A				
TUN-EMD1115	Authorities Review and Comment of FS Pump Head Calculation	56	50%	28	11-Jan-19 A	25-May-19				
TUN-EMD1132	Preparation and Resubmission of Sprinkler Pump Head Calculation	26	50%	13	22-Mar-19 A	08-May-19				
TUN-EMD1133	ER Review and Approval of Sprinkler Pump Head Calculation	13	0%	13	09-May-19	23-May-19				
TUN-EMD1135	Authorities Review and Comment of Sprinkler Pump Head Calculation	56	50%	28	25-Jan-19 A	25-May-19				
Plumbing & Drainage System										
TUN-EMD1185	Authorities Review and Comment of Drainage Sump Pumps and Pump Pits Calculation	56	50%	28	27-Sep-18 A	25-May-19				
Tunnel Lighting System										
TUN-EMD1075	Authorities Review and Comment of Design Proposal of Tunnel Lighting System (TLS)	56	50%	28	29-Aug-18 A	25-May-19				
TUN-EMD1095	Authorities Review and Comment of Tunnel Lighting Lux Calculation	56	50%	28	31-Dec-18 A	25-May-19				
Approach Road										
Road Lighting System										
AR-EMD1015	HyD (LGT) Review and Approval of Design Proposal of Road Lighting System	28	0%	28	23-Apr-19	25-May-19				
CCMS, TCS and ELV System										
ELV-EMD1013	ER Review and Approval of System Design for Toll Control system	40	20%	32	20-Sep-18 A	30-May-19				
ELV-EMD1015	Authorities Review and Comment of System Design for Toll Control system	56	50%	28	27-Jul-18 A	25-May-19				
ELV-EMD1035	Authorities Review and Comment of System Design for CMCS	56	50%	28	26-Sep-18 A	25-May-19				
ELV-EMD1055	Authorities Review and Comment of System Design for other ELV systems	56	50%	28	02-Oct-18 A	25-May-19				
Major Material Submission & Approval										
GEN-EMM1020	Authorities Review and Comment of Technical Info. - Miscellaneous 1st fix Materials/ Equipment	28	50%	14	31-May-18 A	09-May-19				
GEN-EMM1050	Authorities Review and Comment of Technical Info. - Miscellaneous 2nd fix Materials/ Equipment	28	50%	14	20-May-18 A	09-May-19				
GEN-EMM1080	Authorities Review and Comment of Technical Info. - Miscellaneous final fix Materials/ Equipment	28	50%	14	02-Jul-18 A	09-May-19				
MVAC System										
MVAC-EMM1015	Authorities Review and Comment of Technical Info. - Chiller	56	50%	28	14-Jun-18 A	25-May-19				
MVAC-EMM1035	Authorities Review and Comment of Technical Info. - Chilled Water Pump	56	50%	28	12-Jun-18 A	25-May-19				
MVAC-EMM1055	Authorities Review and Comment of Technical Info. - Cooling Tower	56	50%	28	11-Jun-18 A	25-May-19				

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ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019			
							Apr	May	Jun	Jul
MVAC-EMM1075	Authorities Review and Comment of Technical Info. - Computer Room AC (CRAC) Unit	56	50%	28	19-Jul-18 A	25-May-19				
MVAC-EMM1095	Authorities Review and Comment of Technical Info. - AHU & PAU	56	50%	28	10-Sep-18 A	25-May-19				
MVAC-EMM1115	Authorities Review and Comment of Technical Info. - Staircase Pressurization Fan	56	50%	28	17-Jul-18 A	25-May-19				
Electrical System										
ELE-EMM1055	Authorities Review and Comment of Technical Info. - Busduct	56	50%	28	27-Sep-18 A	25-May-19				
ELE-EMM1075	Authorities Review and Comment of Technical Info. - HV Cables	56	50%	28	17-Sep-18 A	25-May-19				
ELE-EMM1155	Authorities Review and Comment of Technical Info. - UPS and Battery	28	50%	14	26-Nov-18 A	09-May-19				
ELE-EMM1175	Authorities Review and Comment of Technical Info. - MCB & MCCB & Distribution Board	28	50%	14	04-Dec-18 A	09-May-19				
ELE-EMM1215	ER Review and Approval of Technical Info. - PV System	13	50%	7	04-Apr-19 A	30-Apr-19				
ELE-EMM1225	Authorities Review and Comment of Technical Info. - PV System	56	50%	28	05-Mar-19 A	25-May-19				
Fire Service System										
FS-EMM1015	Authorities Review and Comment of Technical Info. - FM200	56	50%	28	20-Aug-18 A	25-May-19				
FS-EMM1095	Authorities Review and Comment of Technical Info. - FR/ HR system	56	50%	28	24-Sep-18 A	25-May-19				
FS-EMM1115	Authorities Review and Comment of Technical Info. - Gas detection	56	50%	28	05-Dec-18 A	25-May-19				
Plumbing & Drainage System										
PD-EMM1015	Authorities Review and Comment of Technical Info. - Sump Pump	56	50%	28	25-Oct-18 A	25-May-19				
PD-EMM1033	ER Review and Approval of Technical Info. - Hot Water System	13	50%	7	26-Mar-19 A	30-Apr-19				
PD-EMM1035	Authorities Review and Comment of Technical Info. - Hot Water System	56	50%	28	11-Nov-18 A	25-May-19				
PD-EMM1055	Authorities Review and Comment of Technical Info. - LMCP (PD)	56	50%	28	16-Jan-19 A	25-May-19				
Tunnel Ventilation System										
TVS-EMM1035	Authorities Review and Comment of Technical Info. - Pressurization Fan	56	50%	28	19-Jul-18 A	25-May-19				
TVS-EMM1105	Authorities Review and Comment of Technical Info. - AQMS Equipment	56	50%	28	29-Oct-18 A	25-May-19				
TVS-EMM1155	Authorities Review and Comment of Technical Info. - MFSD	56	50%	28	26-Jul-18 A	25-May-19				
Tunnel and Road Lighting System										
TRLS-EMM1035	Authorities Review and Comment of Technical Info. - Road Lighting Fitting	56	50%	28	09-Oct-18 A	25-May-19				
CCMS, TCS and ELV System										
ELV-EMM1013	ER Review and Approval of Technical Info. - CMCS Equipment	40	80%	8	22-Jan-19 A	02-May-19				
ELV-EMM1020	Authorities Review and Comment of Technical Info. - CMCS Equipment	56	50%	28	09-Oct-18 A	25-May-19				
ELV-EMM1040	ER Review and Approval of Technical Info. - TCS Equipment	40	80%	8	28-Dec-18 A	02-May-19				
ELV-EMM1050	Authorities Review and Comment of Technical Info. - TCS Equipment	56	50%	28	09-Oct-18 A	25-May-19				
ELV-EMM1073	ER Review and Approval of Technical Info. - other ELV Equipment	40	80%	8	19-Mar-19 A	02-May-19				
ELV-EMM1080	Authorities Review and Comment of Technical Info. - other ELV Equipment	56	50%	28	15-Oct-18 A	25-May-19				
Drawing Submission & Approval										
North Ventilation Building										
Individual Shop Drawing										
NVB-ISD1090	Authorities Review and Approval of NVB ISD - 2nd batch	28	50%	14	27-Sep-18 A	09-May-19				
Satellite Control Building										
Structural, Electrical & Mechanical Drawing										
SCB-SEM1020	Preparation and Resubmission of SCB SEM	12	100%	0	10-Apr-19 A	10-Apr-19 A				
SCB-SEM1030	ER Review and Approval of SCB SEM	7	100%	0	10-Apr-19 A	10-Apr-19 A				
Individual Shop Drawing										
SCB-ISD1010	ER Review and Comment of SCB ISD 1st batch	12	95%	1	11-Aug-18 A	23-Apr-19				
SCB-ISD1020	Preparation and Resubmission of SCB ISD 1st batch	12	95%	1	04-Jan-19 A	24-Apr-19				
SCB-ISD1030	ER Review and Approval of SCB ISD 1st batch	7	95%	0	04-Jan-19 A	24-Apr-19				
SCB-ISD1040	Authorities Review and Comment of SCB ISD 1st batch	28	50%	14	10-Aug-18 A	09-May-19				
SCB-ISD1060	ER Review and Comment of SCB ISD 2nd batch	12	95%	1	11-Aug-18 A	23-Apr-19				
SCB-ISD1070	Preparation and Resubmission of SCB ISD 2nd batch	12	95%	1	04-Jan-19 A	24-Apr-19				
SCB-ISD1080	ER Review and Approval of SCB ISD 2nd batch	7	95%	0	04-Jan-19 A	24-Apr-19				

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							Apr	May	Jun	Jul
SCB-ISD1090	Authorities Review and Comment of SCB ISD 2nd batch	28	50%	14	10-Aug-18 A	09-May-19				
Custom & Excise Department Building										
Structural, Electrical & Mechanical Drawing										
CEDB-SEM1000	Submission of C&EDB SEM	0	100%	0	20-Mar-19 A					
CEDB-SEM1010	ER Review and Comment of C&EDB SEM	12	100%	0	22-Mar-19 A	10-Apr-19 A				
CEDB-SEM1020	Preparation and Resubmission of C&EDB SEM	12	50%	6	10-Apr-19 A	29-Apr-19				
CEDB-SEM1030	ER Review and Approval of C&EDB SEM	7	50%	4	10-Apr-19 A	04-May-19				
Individual Shop Drawing										
CEDB-ISD1020	Preparation and Resubmission of C&EDB ISD 1st batch	12	100%	0	22-Mar-19 A	22-Mar-19 A				
CEDB-ISD1030	ER Review and Approval of C&EDB ISD 1st batch	7	100%	0	22-Mar-19 A	22-Mar-19 A				
CEDB-ISD1040	Authorities Review and Comment of C&EDB ISD 1st batch	28	50%	14	06-Sep-18 A	09-May-19				
CEDB-ISD1070	Preparation and Resubmission of C&EDB ISD 2nd batch	12	100%	0	22-Mar-19 A	22-Mar-19 A				
CEDB-ISD1080	ER Review and Approval of C&EDB ISD 2nd batch	7	100%	0	22-Mar-19 A	22-Mar-19 A				
CEDB-ISD1090	Authorities Review and Comment of C&EDB ISD 2nd batch	28	50%	14	06-Sep-18 A	09-May-19				
South Ventilation Building										
Individual Shop Drawing										
SVB-ISD1000	Submission of SVB ISD 1st batch	15	50%	8	20-Sep-18 A	02-May-19				
SVB-ISD1010	ER Review and Comment of SVB ISD 1st batch	12	50%	6	21-Sep-18 A	09-May-19				
SVB-ISD1020	Preparation and Resubmission of SVB ISD 1st batch	12	0%	12	09-May-19	23-May-19				
SVB-ISD1030	ER Review and Approval of SVB ISD 1st batch	7	0%	7	23-May-19	31-May-19				
SVB-ISD1050	Submission of SVB ISD 2nd batch	15	50%	8	05-Sep-18 A	02-May-19				
SVB-ISD1060	ER Review and Comment of SVB ISD 2nd batch	12	50%	6	07-Dec-18 A	09-May-19				
SVB-ISD1070	Preparation and Resubmission of SVB ISD 2nd batch	12	0%	12	09-May-19	23-May-19				
SVB-ISD1080	ER Review and Approval of SVB ISD 2nd batch	7	0%	7	23-May-19	31-May-19				
Structural, Electrical & Mechanical Drawing										
SVB-SEM2020	Preparation and Resubmission of SVB SEM	12	100%	0	10-Apr-19 A	10-Apr-19 A				
SVB-SEM2030	ER Review and Approval of SVB SEM	7	100%	0	10-Apr-19 A	10-Apr-19 A				
Tunnel										
Individual Shop Drawing										
TUN-ISD1060	ER Review and Comment of Tunnel ISD 2nd batch	30	85%	5	16-Aug-18 A	27-Apr-19				
TUN-ISD1070	Preparation and Resubmission of Tunnel ISD 2nd batch	30	85%	5	16-Feb-19 A	03-May-19				
TUN-ISD1080	ER Review and Approval of Tunnel ISD 2nd batch	15	85%	2	29-Aug-18 A	07-May-19				
TUN-ISD1090	Authorities Review and Comment of Tunnel ISD 2nd batch	28	50%	14	16-Aug-18 A	09-May-19				
TUN-ISD1110	ER Review and Comment of Tunnel ISD 3rd batch	30	0%	30	23-Apr-19	28-May-19				
TUN-ISD1120	Preparation and Resubmission of Tunnel ISD 3rd batch	30	0%	30	29-May-19	04-Jul-19				
TUN-ISD1130	ER Review and Approval of Tunnel ISD 3rd batch	15	0%	15	05-Jul-19	22-Jul-19				
TUN-ISD1140	Authorities Review and Comment of Tunnel ISD 3rd batch	28	0%	28	10-Dec-18 A	25-May-19				
TUN-ISD1160	ER Review and Comment of Tunnel ISD 4th batch	30	0%	30	23-Apr-19	28-May-19				
TUN-ISD1170	Preparation and Resubmission of Tunnel ISD 4th batch	30	0%	30	29-May-19	04-Jul-19				
TUN-ISD1180	ER Review and Approval of Tunnel ISD 4th batch	15	0%	15	05-Jul-19	22-Jul-19				
TUN-ISD1190	Authorities Review and Comment of Tunnel ISD 4th batch	28	0%	28	31-Oct-18 A	25-May-19				
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	09-May-19				
FSDB-ISD1090	Authorities Review and Comment of FSDB ISD 2nd batch	28	50%	14	05-Sep-18 A	09-May-19				
Vehicular Underpass										
Individual Shop Drawing										
VU-ISD1020	Preparation and Resubmission of Vehicular Underpass ISD 1st batch	12	100%	0	26-Mar-19 A	26-Mar-19 A				

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VU-ISD1030	ER Review and Approval of Vehicular Underpass ISD 1st batch	7	100%	0	26-Mar-19 A	26-Mar-19 A				
VU-ISD1050	Submission of Vehicular Underpass ISD 2nd batch	15	100%	0	02-Apr-19 A	02-Apr-19 A				
VU-ISD1060	ER Review and Comment of Vehicular Underpass ISD 2nd batch	12	50%	6	03-Apr-19 A	29-Apr-19				
VU-ISD1070	Preparation and Resubmission of Vehicular Underpass ISD 2nd batch	12	0%	12	30-Apr-19	14-May-19				
VU-ISD1080	ER Review and Approval of Vehicular Underpass ISD 2nd batch	7	0%	7	15-May-19	22-May-19				
VU-ISD1090	Authorities Review and Comment of Vehicular Underpass ISD 2nd batch	28	50%	14	02-Apr-19 A	09-May-19				
E&M Procurement										
Design Related Procurement										
Toll Control Building										
<i>MVAC System</i>										
TCB-PO1040	Place Order - AHU & PAU	12	50%	6	16-Mar-19 A	01-Jun-19				
<i>Plumbing & Drainage System</i>										
TCB-PO1100	Place Order - Hot Water System	12	0%	12	27-May-19	10-Jun-19				
TCB-PO1120	Place Order - Sump Pump	12	100%	0	28-Mar-19 A	28-Mar-19 A				
<i>CCMS, TCS and ELV System</i>										
TCB-PO1140	Place Order - CMCS Equipment	12	100%	0	21-Mar-19 A	21-Mar-19 A				
TCB-PO1150	Place Order - TCS Equipment	12	0%	12	31-May-19	14-Jun-19				
Administration Building										
<i>MVAC System</i>										
ADB-PO1040	Place Order - AHU & PAU	12	50%	6	16-Mar-19 A	01-Jun-19				
<i>Plumbing & Drainage System</i>										
ADB-PO1100	Place Order - Hot Water System	12	0%	12	27-May-19	10-Jun-19				
<i>CCMS and ELV System</i>										
ADB-PO1140	Place Order - CMCS Equipment	12	100%	0	21-Mar-19 A	21-Mar-19 A				
North Ventilation Building										
<i>Plumbing & Drainage System</i>										
NVB-PO1100	Place Order - Sump Pump	12	100%	0	28-Mar-19 A	28-Mar-19 A				
<i>CCMS and ELV System</i>										
NVB-PO1120	Place Order - CMCS Equipment	12	100%	0	21-Mar-19 A	21-Mar-19 A				
Maintenance Depot										
<i>MVAC System</i>										
MD-PO1000	Place Order - AHU & PAU	12	50%	6	16-Mar-19 A	01-Jun-19				
<i>Plumbing & Drainage System</i>										
MD-PO1060	Place Order - Sump Pump	12	100%	0	28-Mar-19 A	28-Mar-19 A				
<i>CCMS and ELV System</i>										
MD-PO1070	Place Order - CMCS Equipment	12	100%	0	21-Mar-19 A	21-Mar-19 A				
Satellite Control Building										
<i>CCMS and ELV System</i>										
SCB-PO1090	Place Order - CMCS Equipment	12	100%	0	21-Mar-19 A	21-Mar-19 A				
Custom & Excise Department Building										
<i>MVAC System</i>										
CEDB-PO1000	Place Order - AHU & PAU	12	50%	6	16-Mar-19 A	01-Jun-19				
<i>CCMS and ELV System</i>										
CEDB-PO1080	Place Order - CMCS Equipment	12	100%	0	21-Mar-19 A	21-Mar-19 A				
Fire Services Department Building										
<i>CCMS and ELV System</i>										
FSDB-PO1070	Place Order - CMCS Equipment	12	100%	0	21-Mar-19 A	21-Mar-19 A				
South Ventilation Building										

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Plumbing & Drainage System											
SVB-PO1090	Place Order - Water Pump	6	100%	0	28-Mar-19 A	28-Mar-19 A					
SVB-PO1140	Place Order - Sump Pump	12	100%	0	28-Mar-19 A	28-Mar-19 A					
CCMS and ELV System											
SVB-PO1120	Place Order - CMCS Equipment	12	100%	0	21-Mar-19 A	21-Mar-19 A					
Vehicular Underpass											
Fire Service System											
VU-PO1040	Place Order - Gas detection	12	0%	12	27-May-19	10-Jun-19					
Plumbing & Drainage System											
VU-PO1050	Place Order - Water Pump	12	100%	0	28-Mar-19 A	28-Mar-19 A					
VU-PO1060	Place Order - Sump Pump	12	100%	0	28-Mar-19 A	28-Mar-19 A					
CCMS and ELV System											
VU-PO1070	Place Order - CMCS Equipment	12	100%	0	21-Mar-19 A	21-Mar-19 A					
Tunnel											
Fire Service System											
TUN-PO1015	Place Order - Gas detection	12	0%	12	27-May-19	10-Jun-19					
TUN-PO1020	Place Order - FS Pump	12	0%	12	27-May-19	10-Jun-19					
Plumbing & Drainage System											
TUN-PO1100	Place Order - Sump Pump	12	100%	0	28-Mar-19 A	28-Mar-19 A					
Approach Road											
CCMS and ELV System											
AR-PO1010	Place Order - CMCS Equipment	12	100%	0	21-Mar-19 A	21-Mar-19 A					
E&M Manufacture & Delivery											
Toll Control Building											
TCB-MD1260	Manufacture & Delivery to HK - Miscellaneous 2nd fix Materials/ Equipment	45	50%	23	17-Nov-18 A	01-Jun-19					
TCB-MD1270	Manufacture & Delivery to HK - Miscellaneous final fix Materials/ Equipment	45	50%	23	02-Dec-18 A	01-Jun-19					
MVAC System											
TCB-MD1010	Manufacture & Delivery to HK - Chiller	150	65%	53	07-Mar-19 A	17-Jul-19					
TCB-MD1020	Manufacture & Delivery to HK - Chilled Water Pump	100	35%	65	06-Mar-19 A	29-Jul-19					
TCB-MD1030	Manufacture & Delivery to HK - Computer Room Air Conditioning (CRAC) Unit	120	0%	120	26-May-19	22-Sep-19					
TCB-MD1040	Manufacture & Delivery to HK - Cooling Tower (R/F)	100	50%	50	06-Mar-19 A	14-Jul-19					
TCB-MD1050	Manufacture & Delivery to HK - AHU & PAU	90	0%	90	02-Jun-19	30-Aug-19					
Electrical System											
TCB-MD1060	Manufacture - LV Switchboard	86	20%	69	03-Apr-19 A	20-Aug-19					
TCB-MD1070	Manufacture - Generator	118	15%	100	03-Apr-19 A	03-Sep-19					
TCB-MD1080	Manufacture - UPS and Battery	53	30%	37	19-Mar-19 A	02-Jul-19					
TCB-MD1082	FAT - UPS and Battery	10	0%	10	02-Jul-19	12-Jul-19					
TCB-MD1085	Shipping to HK - UPS and Battery	42	0%	42	12-Jul-19	23-Aug-19					
TCB-MD1090	Manufacture & Delivery to HK - MCB & MCCB and Distribution Board	60	40%	36	04-Mar-19 A	14-Jun-19					
TCB-MD1100	Manufacture & Delivery to HK - LV Cables	120	50%	60	20-Nov-18 A	18-Jun-19					
TCB-MD1280	Manufacture & Delivery to HK - PV System Equipment	60	0%	60	26-May-19	24-Jul-19					
Fire Service System											
TCB-MD1150	Manufacture & Delivery to HK - FM200	150	40%	90	24-Dec-18 A	23-Aug-19					
TCB-MD1160	Manufacture & Delivery to HK - AFA System	100	60%	40	02-Mar-19 A	29-May-19					
TCB-MD1170	Manufacture & Delivery to HK - FS Pump	120	90%	12	19-Mar-19 A	06-Jun-19					
TCB-MD1180	Manufacture & Delivery to HK - FR/ HR system	90	60%	36	02-Mar-19 A	30-Jun-19					
TCB-MD1190	Manufacture & Delivery to HK - LMCP (FS)	60	0%	60	20-Apr-19	18-Jun-19					
Plumbing & Drainage System											

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TCB-MD1110	Manufacture & Delivery to HK - Sump Pump	120	0%	120	26-May-19	22-Sep-19				
TCB-MD1120	Manufacture & Delivery to HK - Hot Water System	120	0%	120	11-Jun-19	08-Oct-19				
TCB-MD1130	Manufacture & Delivery to HK - LMCP (PD)	60	0%	60	26-May-19	24-Jul-19				
TCB-MD1140	Manufacture & Delivery to HK - Water Pump	90	0%	90	26-May-19	23-Aug-19				
Lift System										
TCB-MD1000	Manufacture & Delivery to HK - Lift System	120	20%	96	03-Apr-19 A	24-Jul-19				
CCMS, TCS and ELV System										
TCB-MD1200	Manufacture - CMCS Equipment	62	0%	62	26-May-19	26-Jul-19				
TCB-MD1210	Manufacture - TCS Equipment	62	0%	62	15-Jun-19	15-Aug-19				
TCB-MD1220	Manufacture & Delivery to HK - other ELV Equipment	83	0%	83	26-May-19	16-Aug-19				
Administration Building										
ADB-MD1280	Manufacture & Delivery to HK - Miscellaneous 1st fix Materials/ Equipment	45	50%	23	16-Jan-19 A	01-Jun-19				
ADB-MD1290	Manufacture & Delivery to HK - Miscellaneous 2nd fix Materials/ Equipment	45	25%	34	26-Feb-19 A	12-Jun-19				
ADB-MD1300	Manufacture & Delivery to HK - Miscellaneous final fix Materials/ Equipment	45	25%	34	02-Mar-19 A	12-Jun-19				
Electrical System										
ADB-MD1060	Manufacture & Delivery to HK - Busduct	60	65%	21	15-Feb-19 A	15-Jun-19				
ADB-MD1070	Manufacture - LV Switchboard	86	35%	56	03-Apr-19 A	07-Aug-19				
ADB-MD1080	Manufacture - Generator	118	15%	100	03-Apr-19 A	03-Sep-19				
ADB-MD1090	Manufacture - UPS and Battery	53	0%	53	26-May-19	17-Jul-19				
ADB-MD1092	FAT - UPS and Battery	10	0%	10	18-Jul-19	27-Jul-19				
ADB-MD1100	Manufacture & Delivery to HK - MCB & MCCB and Distribution Board	60	40%	36	04-Mar-19 A	14-Jun-19				
ADB-MD1110	Manufacture & Delivery to HK - LV Cables	120	40%	72	20-Nov-18 A	30-Jun-19				
ADB-MD1310	Manufacture & Delivery to HK - PV System Equipment	60	0%	60	26-May-19	24-Jul-19				
MVAC System										
ADB-MD1010	Manufacture & Delivery to HK - Chiller	150	55%	68	06-Mar-19 A	01-Aug-19				
ADB-MD1020	Manufacture & Delivery to HK - Chilled Water Pump	100	30%	70	06-Mar-19 A	03-Aug-19				
ADB-MD1030	Manufacture & Delivery to HK - Computer Room Air Conditioning (CRAC) Unit	120	0%	120	26-May-19	22-Sep-19				
ADB-MD1040	Manufacture & Delivery to HK - AHU & PAU	90	0%	90	02-Jun-19	30-Aug-19				
ADB-MD1050	Manufacture & Delivery to HK - Cooling Tower	100	50%	50	06-Mar-19 A	14-Jul-19				
Fire Service System										
ADB-MD1160	Manufacture & Delivery to HK - FM200	150	60%	60	24-Dec-18 A	24-Jul-19				
ADB-MD1170	Manufacture & Delivery to HK - AFA System	100	60%	40	02-Mar-19 A	29-May-19				
ADB-MD1180	Manufacture & Delivery to HK - FS Pump	120	70%	36	19-Mar-19 A	30-Jun-19				
ADB-MD1190	Manufacture & Delivery to HK - FR/ HR system	90	60%	36	02-Mar-19 A	19-Jul-19				
ADB-MD1200	Manufacture & Delivery to HK - LMCP (FS)	60	0%	60	20-Apr-19	18-Jun-19				
Plumbing & Drainage System										
ADB-MD1130	Manufacture & Delivery to HK - Hot Water System	120	0%	120	11-Jun-19	08-Oct-19				
ADB-MD1140	Manufacture & Delivery to HK - LMCP (PD)	60	0%	60	26-May-19	24-Jul-19				
ADB-MD1150	Manufacture & Delivery to HK - Water Pump	90	0%	90	26-May-19	23-Aug-19				
CCMS and ELV System										
ADB-MD1210	Manufacture - CMCS Equipment	62	0%	62	26-May-19	26-Jul-19				
ADB-MD1220	Manufacture & Delivery to HK - other ELV Equipment	83	0%	83	26-May-19	16-Aug-19				
Lift System										
ADB-MD1000	Manufacture & Delivery to HK - Lift System	120	20%	96	03-Apr-19 A	24-Jul-19				
North Ventilation Building										
Electrical System										
NVB-MD1010	Manufacture - HV/LV Transformer	92	90%	9	17-Jan-19 A	04-Jun-19				
NVB-MD1016	FAT - HV/LV Transformer	14	0%	14	04-Jun-19	18-Jun-19				

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NVB-MD1018	Shipping to HK - HV/LV Transformer	14	0%	14	18-Jun-19	02-Jul-19				
NVB-MD1020	Manufacture - HV Switchboard	92	90%	9	17-Jan-19 A	04-Jun-19				
NVB-MD1022	FAT - HV Switchboard	14	0%	14	04-Jun-19	18-Jun-19				
NVB-MD1025	Shipping to HK - HV Switchboard	14	0%	14	18-Jun-19	02-Jul-19				
NVB-MD1030	Manufacture - HV Cables	106	60%	42	05-Jan-19 A	07-Jul-19				
NVB-MD1032	FAT - HV Cables	2	100%	0	29-Mar-19 A	29-Mar-19 A				
NVB-MD1035	Shipping to HK - HV Cables	14	0%	14	07-Jul-19	21-Jul-19				
NVB-MD1040	Manufacture - LV Switchboard	86	20%	69	03-Apr-19 A	02-Aug-19				
NVB-MD1050	Manufacture - Generator	118	15%	100	03-Apr-19 A	03-Sep-19				
NVB-MD1060	Manufacture - UPS and Battery	53	30%	37	19-Mar-19 A	02-Jul-19				
NVB-MD1062	FAT - UPS and Battery	10	0%	10	02-Jul-19	12-Jul-19				
NVB-MD1065	Shipping to HK - UPS and Battery	42	0%	42	12-Jul-19	23-Aug-19				
NVB-MD1070	Manufacture & Delivery to HK - MCB & MCCB and Distribution Board	60	40%	36	04-Mar-19 A	14-Jun-19				
NVB-MD1080	Manufacture & Delivery to HK - Busduct	60	50%	30	15-Feb-19 A	24-Jun-19				
NVB-MD1090	Manufacture - LV Cables	106	50%	53	20-Nov-18 A	11-Jun-19				
NVB-MD1095	Shipping to HK - LV Cables	14	0%	14	12-Jun-19	25-Jun-19				
MVAC System										
NVB-MD1180	Manufacture - Tunnel Ventilation Fan	180	65%	63	29-Nov-18 A	21-Jun-19				
NVB-MD1190	FAT - Tunnel Ventilation Fan	15	0%	15	17-May-19	31-May-19				
NVB-MD1200	Shipping to HK - Tunnel Ventilation Fan	45	0%	45	22-Jun-19	05-Aug-19				
NVB-MD1210	Manufacture & Delivery to HK - Staircase Pressurization Fan	60	0%	60	26-May-19	24-Jul-19				
Fire Service System										
NVB-MD1130	Manufacture & Delivery to HK - FM200	150	60%	60	24-Dec-18 A	24-Jul-19				
NVB-MD1140	Manufacture & Delivery to HK - AFA System	100	60%	40	02-Mar-19 A	29-May-19				
NVB-MD1150	Manufacture & Delivery to HK - FR/ HR system	90	60%	36	02-Mar-19 A	30-Jun-19				
NVB-MD1160	Manufacture & Delivery to HK - FS Pump	120	90%	12	19-Mar-19 A	06-Jun-19				
NVB-MD1170	Manufacture & Delivery to HK - LMCP (FS)	60	0%	60	20-Apr-19	18-Jun-19				
Plumbing & Drainage System										
NVB-MD1100	Manufacture & Delivery to HK - Sump Pump	120	0%	120	26-May-19	22-Sep-19				
NVB-MD1110	Manufacture & Delivery to HK - LMCP (PD)	60	0%	60	26-May-19	24-Jul-19				
NVB-MD1120	Manufacture & Delivery to HK - Water Pump	90	0%	90	20-Apr-19	18-Jul-19				
CCMS and ELV System										
NVB-MD1220	Manufacture - CMCS Equipment	62	0%	62	26-May-19	26-Jul-19				
NVB-MD1230	Manufacture - other ELV Equipment	62	0%	62	26-May-19	26-Jul-19				
Lift System										
NVB-MD1000	Manufacture & Delivery to HK - Lift System	120	20%	96	03-Apr-19 A	24-Jul-19				
Maintenance Depot										
MD-MD1155	Manufacture & Delivery to HK - Miscellaneous 1st fix Materials/ Equipment	45	50%	23	15-Feb-19 A	01-Jun-19				
MD-MD1165	Manufacture & Delivery to HK - Miscellaneous 2nd fix Materials/ Equipment	45	25%	34	20-Mar-19 A	12-Jun-19				
MD-MD1175	Manufacture & Delivery to HK - Miscellaneous final fix Materials/ Equipment	45	25%	34	25-Mar-19 A	12-Jun-19				
Electrical System										
MD-MD1010	Manufacture - Generator	118	15%	100	03-Apr-19 A	03-Sep-19				
MD-MD1020	Manufacture - LV Switchboard	86	20%	69	03-Apr-19 A	20-Aug-19				
MD-MD1030	Manufacture & Delivery to HK - MCB & MCCB and Distribution Board	60	40%	36	04-Mar-19 A	14-Jun-19				
MD-MD1040	Manufacture & Delivery to HK - LV Cables	120	50%	60	20-Nov-18 A	18-Jun-19				
MVAC System										
MD-MD1000	Manufacture & Delivery to HK - AHU & PAU	90	0%	90	02-Jun-19	30-Aug-19				
Fire Service System										

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ID	Activity	Duration (Days)	% Comp	Remaining Duration	Start	Finish	2019			
							Apr	May	Jun	Jul
MD-MD1080	Manufacture & Delivery to HK - FM200	150	60%	60	24-Dec-18 A	24-Jul-19				
MD-MD1090	Manufacture & Delivery to HK - FS Pump	120	70%	36	19-Mar-19 A	30-Jun-19				
MD-MD1100	Manufacture & Delivery to HK - AFA System	100	60%	40	02-Mar-19 A	08-Jun-19				
MD-MD1110	Manufacture & Delivery to HK - LMCP (FS)	60	0%	60	22-May-19	20-Jul-19				
MD-MD1120	Manufacture & Delivery to HK - FR/ HR system	90	60%	36	02-Mar-19 A	08-Aug-19				
CCMS and ELV System										
MD-MD1130	Manufacture - CMCS Equipment	62	0%	62	26-May-19	26-Jul-19				
MD-MD1140	Manufacture & Delivery to HK - other ELV Equipment	83	0%	83	26-May-19	16-Aug-19				
Plumbing & Drainage System										
MD-MD1050	Manufacture & Delivery to HK - Sump Pump	120	0%	120	26-May-19	22-Sep-19				
MD-MD1060	Manufacture & Delivery to HK - Water Pump	90	0%	90	26-May-19	23-Aug-19				
MD-MD1070	Manufacture & Delivery to HK - LMCP (PD)	60	0%	60	12-Jun-19	10-Aug-19				
Satellite Control Building										
SCB-MD1175	Manufacture & Delivery to HK - Miscellaneous 1st fix Materials/ Equipment	45	0%	45	11-Jun-19	25-Jul-19				
SCB-MD1195	Manufacture & Delivery to HK - Miscellaneous final fix Materials/ Equipment	45	0%	45	17-Jul-19	30-Aug-19				
Electrical System										
SCB-MD1020	Manufacture - Generator	118	15%	100	17-Apr-19 A	03-Sep-19				
SCB-MD1030	Manufacture - UPS and Battery	53	20%	42	26-Mar-19 A	07-Jul-19				
SCB-MD1032	FAT - UPS and Battery	10	0%	10	07-Jul-19	17-Jul-19				
SCB-MD1035	Shipping to HK - UPS and Battery	42	0%	42	17-Jul-19	28-Aug-19				
SCB-MD1040	Manufacture - LV Switchboard	86	0%	86	13-Jun-19	06-Sep-19				
SCB-MD1060	Manufacture & Delivery to HK - LV Cables	120	10%	108	20-Nov-18 A	29-Aug-19				
MVAC System										
SCB-MD1010	Manufacture & Delivery to HK - Computer Room Air Conditioning (CRAC) Unit	120	0%	120	26-May-19	22-Sep-19				
Fire Service System										
SCB-MD1100	Manufacture & Delivery to HK - FM200	150	0%	150	26-May-19	22-Oct-19				
SCB-MD1110	Manufacture & Delivery to HK - FS Pump	120	0%	120	26-May-19	22-Sep-19				
CCMS and ELV System										
SCB-MD1160	Manufacture & Delivery to HK - other ELV Equipment	83	0%	83	26-May-19	16-Aug-19				
Lift System										
SCB-MD1000	Manufacture & Delivery to HK - Lift System	120	20%	96	03-Apr-19 A	24-Jul-19				
Custom & Excise Department Building										
CEDB-MD1195	Manufacture & Delivery to HK - Miscellaneous 1st fix Materials/ Equipment	45	0%	45	21-Jun-19	04-Aug-19				
CEDB-MD1205	Manufacture & Delivery to HK - Miscellaneous 2nd fix Materials/ Equipment	45	0%	45	18-Jul-19	31-Aug-19				
CEDB-MD1215	Manufacture & Delivery to HK - Miscellaneous final fix Materials/ Equipment	45	0%	45	17-Jul-19	30-Aug-19				
Electrical System										
CEDB-MD1020	Manufacture - Generator	118	15%	100	03-Apr-19 A	03-Sep-19				
CEDB-MD1030	Manufacture - UPS and Battery	53	20%	42	26-Mar-19 A	07-Jul-19				
CEDB-MD1032	FAT - UPS and Battery	10	0%	10	07-Jul-19	17-Jul-19				
CEDB-MD1035	Shipping to HK - UPS and Battery	42	0%	42	17-Jul-19	28-Aug-19				
CEDB-MD1040	Manufacture - LV Switchboard	86	0%	86	13-Jun-19	06-Sep-19				
CEDB-MD1050	Manufacture & Delivery to HK - LV Cables	120	10%	108	20-Nov-18 A	29-Aug-19				
Fire Service System										
CEDB-MD1090	Manufacture & Delivery to HK - FM200	150	0%	150	26-May-19	22-Oct-19				
CEDB-MD1100	Manufacture & Delivery to HK - FS Pump	120	0%	120	26-May-19	22-Sep-19				
Plumbing & Drainage System										
CEDB-MD1080	Manufacture & Delivery to HK - Water Pump	90	0%	90	02-Jun-19	30-Aug-19				
CCMS and ELV System										

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							Apr	May	Jun	Jul	
CEDB-MD1180	Manufacture & Delivery to HK - other ELV Equipment	83	0%	83	26-May-19	16-Aug-19					
Lift System											
CEDB-MD1000	Manufacture & Delivery to HK - Lift System	120	20%	96	03-Apr-19 A	24-Jul-19					
Fire Services Department Building											
FSDB-MD1155	Manufacture & Delivery to HK - Miscellaneous 1st fix Materials/ Equipment	45	0%	45	17-May-19	30-Jun-19					
FSDB-MD1165	Manufacture & Delivery to HK - Miscellaneous 2nd fix Materials/ Equipment	45	0%	45	13-Jun-19	27-Jul-19					
FSDB-MD1175	Manufacture & Delivery to HK - Miscellaneous final fix Materials/ Equipment	45	0%	45	12-Jun-19	26-Jul-19					
Electrical System											
FSDB-MD1000	Manufacture - Generator	118	15%	100	03-Apr-19 A	03-Sep-19					
FSDB-MD1010	Manufacture - UPS and Battery	53	20%	42	26-Mar-19 A	07-Jul-19					
FSDB-MD1012	FAT - UPS and Battery	10	0%	10	07-Jul-19	17-Jul-19					
FSDB-MD1015	Shipping to HK - UPS and Battery	42	0%	42	17-Jul-19	28-Aug-19					
FSDB-MD1020	Manufacture - LV Switchboard	86	0%	86	13-Jun-19	06-Sep-19					
FSDB-MD1030	Manufacture & Delivery to HK - LV Cables	120	10%	108	20-Nov-18 A	18-Sep-19					
Fire Service System											
FSDB-MD1090	Manufacture & Delivery to HK - FS Pump	120	0%	120	12-Jul-19	08-Nov-19					
FSDB-MD1185	Manufacture & Delivery to HK - FM200	150	0%	150	11-Jun-19	07-Nov-19					
Plumbing & Drainage System											
FSDB-MD1060	Manufacture & Delivery to HK - Water Pump	90	0%	90	26-May-19	23-Aug-19					
CCMS and ELV System											
FSDB-MD1140	Manufacture & Delivery to HK - other ELV Equipment	83	0%	83	02-Jun-19	23-Aug-19					
South Ventilation Building											
SVB-MD1225	Manufacture & Delivery to HK - Miscellaneous 1st fix Materials/ Equipment	45	50%	23	21-Mar-19 A	05-Nov-19					
Electrical System											
SVB-MD1000	Manufacture - Generator	118	15%	100	03-Apr-19 A	03-Sep-19					
SVB-MD1010	Manufacture - UPS and Battery	53	20%	42	26-Mar-19 A	21-Jun-19					
SVB-MD1012	FAT - UPS and Battery	10	0%	10	21-Jun-19	01-Jul-19					
SVB-MD1015	Shipping to HK - UPS and Battery	42	0%	42	01-Jul-19	12-Aug-19					
SVB-MD1020	Manufacture - HV/LV Transformer	92	0%	92	26-May-19	25-Aug-19					
SVB-MD1030	Manufacture - LV Switchboard	86	0%	86	29-Jun-19	22-Sep-19					
SVB-MD1040	Manufacture - HV Switchboard	92	0%	92	26-May-19	25-Aug-19					
SVB-MD1070	Manufacture & Delivery to HK - LV Cables	120	10%	108	20-Nov-18 A	17-Nov-19					
MVAC System											
SVB-MD1170	Manufacture - Tunnel Ventilation Fan	180	0%	180	18-May-19	13-Nov-19					
SVB-MD1180	Manufacture & Delivery to HK - Staircase Pressurization Fan	60	0%	60	26-May-19	24-Jul-19					
Fire Service System											
SVB-MD1120	Manufacture & Delivery to HK - FM200	150	0%	150	26-May-19	22-Oct-19					
SVB-MD1130	Manufacture & Delivery to HK - FS Pump	120	0%	120	26-May-19	22-Sep-19					
Plumbing & Drainage System											
SVB-MD1100	Manufacture & Delivery to HK - Water Pump	90	0%	90	30-Apr-19	29-Jul-19					
SVB-MD1255	Manufacture & Delivery to HK - Sump Pump	120	0%	120	26-May-19	22-Sep-19					
Lift System											
SVB-MD1190	Manufacture & Delivery to HK - Lift System	120	20%	96	03-Apr-19 A	24-Jul-19					
Vehicular Underpass											
VU-MD1000	Manufacture & Delivery to HK - Pressurization Fan	90	0%	90	26-May-19	23-Aug-19					
VU-MD1010	Manufacture - Jet Fan	62	15%	53	19-Dec-18 A	11-Jun-19					
VU-MD1012	FAT - Jet Fan	14	0%	14	11-Jun-19	25-Jun-19					
VU-MD1015	Shipping to HK - Jet Fan	14	0%	14	25-Jun-19	09-Jul-19					

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							Apr	May	Jun	Jul
VU-MD1020	Manufacture & Delivery to HK - Tunnel Lighting System	100	90%	10	20-Dec-18 A	04-Jun-19				
VU-MD1030	Manufacture & Delivery to HK - Sump Pump	120	0%	120	26-May-19	22-Sep-19				
VU-MD1040	Manufacture & Delivery to HK - Water Pump	90	0%	90	26-May-19	23-Aug-19				
VU-MD1060	Manufacture - CMCS Equipment	62	0%	62	26-May-19	26-Jul-19				
VU-MD1070	Manufacture & Delivery to HK - other ELV Equipment	90	0%	90	26-May-19	23-Aug-19				
Tunnel										
TUN-MD1001	FAT - Tunnel Lighting System (1st Batch)	10	100%	0	29-Mar-19 A	09-Apr-19 A				
TUN-MD1002	Shipping to HK - Tunnel Lighting System (1st Batch)	14	50%	7	09-Apr-19 A	01-Jun-19				
TUN-MD1003	Manufacture - Tunnel Lighting System (2nd Batch)	66	70%	20	28-Jan-19 A	14-Jun-19				
TUN-MD1004	FAT - Tunnel Lighting System (2nd Batch)	10	0%	10	14-Jun-19	24-Jun-19				
TUN-MD1005	Shipping to HK - Tunnel Lighting System (2nd Batch)	14	0%	14	24-Jun-19	08-Jul-19				
TUN-MD1006	Manufacture - Tunnel Lighting System (3rd Batch)	66	0%	66	26-May-19	30-Jul-19				
TUN-MD1009	Manufacture - Tunnel Lighting System (4th Batch)	66	0%	66	26-May-19	30-Jul-19				
TUN-MD1015	Manufacture & Delivery to HK - Gas detection	90	0%	90	11-Jun-19	08-Sep-19				
TUN-MD1020	Manufacture & Delivery to HK - LHD system	90	0%	90	20-Apr-19	18-Jul-19				
TUN-MD1030	Manufacture & Delivery to HK - FS Pump	60	0%	60	11-Jun-19	09-Aug-19				
TUN-MD1040	Manufacture - CMCS Equipment	62	0%	62	26-May-19	26-Jul-19				
TUN-MD1050	Manufacture & Delivery to HK - other ELV Equipment	90	0%	90	26-May-19	23-Aug-19				
TUN-MD1060	Manufacture & Delivery to HK - Sump Pump	120	0%	120	26-May-19	22-Sep-19				
TUN-MD1070	Manufacture - AQMS Equipment	69	0%	69	20-Jun-19	27-Aug-19				
TUN-MD1100	Manufacture - MFSD	78	90%	8	10-Jan-19 A	02-Jun-19				
TUN-MD1120	Shipping to HK - MFSD Equipment	28	0%	28	02-Jun-19	30-Jun-19				
Approach Road										
AR-MD1000	Manufacture & Delivery to HK - Road Lighting Fitting	90	30%	63	21-Mar-19 A	27-Jul-19				
AR-MD1010	Manufacture - CMCS Equipment	62	0%	62	26-May-19	26-Jul-19				
AR-MD1020	Manufacture & Delivery to HK - other ELV Equipment	83	0%	83	26-May-19	16-Aug-19				
Key Date 4A - FSD Building Substructure, Boundary Wall, and C&ED Building Substructure										
FSD Building Substructure										
FSD160	Building Substructure	26	100%	0	20-Mar-19 A	30-Mar-19 A				
FSD170	Removal of ELS	16	100%	0	20-Mar-19 A	30-Mar-19 A				
Boundary Wall for FSD Building										
FSD250	Backfilling	4	100%	0	26-Mar-19 A	29-Mar-19 A				
C&ED Building Substructure										
CED180	Building Substructure	25	100%	0	20-Mar-19 A	30-Mar-19 A				
CED190	Removal of ELS	6	100%	0	20-Mar-19 A	30-Mar-19 A				
CED200	KD4A Achieved	0	100%	0		30-Mar-19 A				
Remaining Works										
FSDCED100	Remaining Substructure	31	50%	16	01-Apr-19 A	11-May-19				
Key Date 1 - Toll Control Building (TCB) & TCSS Provision										
ABWF Works (for All)										
ATCB1000	Blockwork Walls	60	83.33%	10	28-Nov-18 A	06-May-19				
ATCB1010	Door and Window Frames	58	0%	58	23-Apr-19	02-Jul-19				
ATCB1020	ABWF Works to Plant Rooms G/F	81	80%	16	11-Dec-18 A	13-May-19				
ATCB1021	ABWF Works to Plant Rooms 1/F	81	60%	32	18-Dec-18 A	31-May-19				
ATCB1022	ABWF Works to Plant Rooms 2/F	81	50%	41	27-Dec-18 A	11-Jun-19				
ATCB1050	ABWF Works to Office and Corridors G/F	152	60%	61	11-Dec-18 A	05-Jul-19				
ATCB1051	ABWF Works to Office and Corridors 1/F	152	60%	61	27-Dec-18 A	05-Jul-19				
ATCB1052	ABWF Works to Office and Corridors 2/F	152	50%	76	11-Jan-19 A	23-Jul-19				

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							Apr	May	Jun	Jul
ATCB1080	ABWF Works to Toilets G/F	163	50%	82	18-Feb-19 A	30-Jul-19				
ATCB1081	ABWF Works to Toilets 1/F	163	50%	82	18-Feb-19 A	30-Jul-19				
ATCB1082	ABWF Works to Toilets 2/F	163	50%	82	18-Feb-19 A	13-Aug-19				
ATCB1110	Waterproofing and Roofing	47	0%	47	06-May-19	02-Jul-19				
ATCB1120	External Cladding and Wall Plastering	94	0%	94	06-May-19	26-Aug-19				
TCSS Provision										
TCB220	Cable Containment Installation to enable TCSS installation	90	45%	50	15-Feb-19 A	21-Jun-19				
TCB230	KD1 Achieved	0	0%	0		21-Jun-19				
Key Date 4 - E&M Works in Vehicular Underpass Area & TCSS Provision										
E&M Works										
VU110	Jet Fans installation	24	0%	24	09-Jul-19	06-Aug-19				
VU120	Cable containment Installation	24	90%	2	22-Mar-19 A	25-Apr-19				
VU130	Post Drill and Bracket Fixing	18	0%	18	25-Apr-19	17-May-19				
VU140	Dampers installation	24	0%	24	25-Apr-19	24-May-19				
VU150	Cabling Works	36	0%	36	17-May-19	29-Jun-19				
VU170	High Level works - Tunnel Lighting	39	0%	39	29-Jun-19	15-Aug-19				
VU200	Possess Portion XI	0	0%	0	31-May-19					
Key Date 2 - Administration Building, Maintenance Depot, Kiosk N2, TCSS Provision										
Administration Building (ADB)										
Building Structure										
ADB190	First Floor	30	60%	12	03-Apr-19 A	07-May-19				
ADB200	Roof Slab	28	0%	28	30-Apr-19	01-Jun-19				
ADB210	Top Roof	11	0%	11	03-Jun-19	15-Jun-19				
ABWF Works (for All)										
AADB1130	Blockwork Walls	25	0%	25	22-May-19	20-Jun-19				
AADB1140	Door and Window Frames	19	0%	19	22-May-19	13-Jun-19				
AADB1150	ABWF Works to Plant Rooms G/F	52	0%	52	29-May-19	30-Jul-19				
AADB1151	ABWF Works to Plant Rooms 1/F	52	0%	52	13-Jun-19	13-Aug-19				
AADB1160	ABWF Works to Office and Corridors G/F	126	0%	126	29-May-19	28-Oct-19				
AADB1161	ABWF Works to Office and Corridors 1/F	126	0%	126	13-Jun-19	11-Nov-19				
AADB1170	ABWF Works to Toilets G/F	132	0%	132	29-May-19	04-Nov-19				
AADB1171	ABWF Works to Toilets 1/F	132	0%	132	13-Jun-19	18-Nov-19				
AADB1180	Waterproofing and Roofing	48	0%	48	05-Jun-19	01-Aug-19				
AADB1190	External Cladding and Wall Plastering	98	0%	98	05-Jun-19	30-Sep-19				
Provision for TCSS Installation										
ADB250	Cable Containment Installation to enable TCSS installation	74	0%	74	06-Jun-19	02-Sep-19				
Maintenance Depot										
Depot Structure										
MD160	Ground Floor	39	79.49%	8	14-Jan-19 A	02-May-19				
MD170	Roof Slab	44	59.09%	18	13-Mar-19 A	14-May-19				
MD180	Top Roof	16	0%	16	25-Apr-19	14-May-19				
ABWF Works (for All)										
AMD1000	Blockwork Walls	16	0%	16	15-May-19	01-Jun-19				
AMD1010	Door and Window Frames	10	0%	10	17-May-19	28-May-19				
AMD1020	ABWF Works to Plant Rooms	58	0%	58	29-May-19	06-Aug-19				
AMD1030	ABWF Works to Office and Corridors	132	0%	132	29-May-19	04-Nov-19				
AMD1040	ABWF Works to Toilets	144	0%	144	01-Jun-19	21-Nov-19				
AMD1050	Waterproofing and Roofing	51	0%	51	27-May-19	26-Jul-19				

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							Apr	May	Jun	Jul
AMD1060	External Cladding and Wall Plastering	98	0%	98	27-May-19	20-Sep-19				
Provision for TCSS Installation										
MD210	Cable Containment Installation to enable TCSS installation	62	0%	62	03-Jul-19	12-Sep-19				
Kiosk N2										
N2-130	ABWF Works to enable TCSS installation	18	0%	18	23-Apr-19	14-May-19				
N2-140	Cable Containment Installation to enable TCSS installation	19	0%	19	15-May-19	05-Jun-19				
Key Date 6 - E&M Works for Administration Building, Maintenance Depot, North Vent Building, Kiosk N2										
ABWF Works for Administration Building (Structure Completed under KD2)										
EADB110	ADB First Floor Completed with Scaffolding Removed	0	0%	0		21-May-19				
E&M Works for Administration Building										
Installation										
ADB-EMGF0001	E&M cast-in Installation	42	69.05%	13	31-Jan-19 A	08-May-19				
G/F										
ADB-EMGF1000	ABWF Works ready for E&M Mobilization to General Areas - G/F	0	0%	0	01-Jun-19					
ADB-EMGF1010	E&M Installation - 1st fix - G/F	46	0%	46	17-Jun-19	09-Aug-19				
ADB-EMGF1040	ABWF Works ready for E&M Mobilization to 11kV Swtich & Tx Room 1 - G/F	0	0%	0	17-Jun-19					
ADB-EMGF1050	E&M Installation - 11kV Swtich & Tx Room 1 - G/F	46	0%	46	17-Jun-19	09-Aug-19				
ADB-EMGF1100	ABWF Works ready for E&M Mobilization to 11kV Swtich & Tx Room 2 - G/F	0	0%	0	17-Jun-19					
ADB-EMGF1110	E&M Installation - 11kV Swtich & Tx Room 2 - G/F	46	0%	46	17-Jun-19	09-Aug-19				
ADB-EMGF1160	ABWF Works ready for E&M Mobilization to LV Switch Room - G/F	0	0%	0	17-Jun-19					
ADB-EMGF1200	ABWF Works ready for E&M Mobilization to Generator Room & Fuel Tank Room - G/F	0	0%	0	17-Jun-19					
ADB-EMGF1230	ABWF Works ready for E&M Mobilization to MVAC Plant Rooms - G/F	0	0%	0	17-Jun-19					
ADB-EMGF1250	ABWF Works ready for E&M Mobilization to FS Plant Rooms - G/F	0	0%	0	17-Jun-19					
ADB-EMGF1270	ABWF Works ready for E&M Mobilization to PD Plant Rooms - G/F	0	0%	0	17-Jun-19					
ADB-EMGF1290	ABWF Works ready for E&M Mobilization to ELV Plant Rooms - G/F	0	0%	0	17-Jun-19					
1/F										
ADB-EM1F1000	ABWF Works ready for E&M Mobilization to General Areas - 1/F	0	0%	0	27-Jun-19					
ADB-EM1F1010	E&M Installation - 1st fix - 1/F	40	0%	40	27-Jun-19	13-Aug-19				
ADB-EM1F1050	ABWF Works ready for E&M Mobilization to MVAC Plant Rooms - 1/F	0	0%	0	02-Jul-19					
ADB-EM1F1070	ABWF Works ready for E&M Mobilization to Electrical Plant Rooms - 1/F	0	0%	0	02-Jul-19					
ADB-EM1F1090	ABWF Works ready for E&M Mobilization to ELV Plant Rooms - 1/F	0	0%	0	02-Jul-19					
E&M Works for Maintenance Depot										
Installation										
MD-EMGF0001	E&M cast-in Installation	30	69%	9	14-Jan-19 A	04-May-19				
G/F										
MD-EMGF1000	ABWF Works ready for E&M Mobilization to General Areas - G/F	0	0%	0	17-Jun-19					
MD-EMGF1010	E&M Installation - 1st fix - G/F	40	0%	40	17-Jun-19	02-Aug-19				
MD-EMGF1040	ABWF Works ready for E&M Mobilization to LV Switch Room - G/F	0	0%	0	18-Jun-19					
MD-EMGF1080	ABWF Works ready for E&M Mobilization to Generator & Fuel Tank Rooms - G/F	0	0%	0	05-Jul-19					
MD-EMGF1110	ABWF Works ready for E&M Mobilization to Electrical Plant Rooms - G/F	0	0%	0	05-Jul-19					
MD-EMGF1130	ABWF Works ready for E&M Mobilization to MVAC Plant Rooms - G/F	0	0%	0	05-Jul-19					
MD-EMGF1150	ABWF Works ready for E&M Mobilization to FS Plant Rooms - G/F	0	0%	0	05-Jul-19					
MD-EMGF1160	E&M Installation - FS Plant Rooms - G/F	90	0%	90	05-Jul-19	21-Oct-19				
MD-EMGF1170	ABWF Works ready for E&M Mobilization to PD Plant Rooms - G/F	0	0%	0	05-Jul-19					
MD-EMGF1180	E&M Installation - PD Plant Rooms - G/F	85	0%	85	09-Jul-19	18-Oct-19				
MD-EMGF1190	ABWF Works ready for E&M Mobilization to Elv Plant Rooms - G/F	0	0%	0	05-Jul-19					
E&M Works for North Ventilation Building										
Installation										

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							Apr	May	Jun	Jul			
TVF Installation													
NB-NVB-TVF-1													
TVF-NVB1000	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	6	0%	6	10-May-19	16-May-19							
TVF-NVB1010	Damper/Silencer and duct installation - Lower Attenuator Room (B1/F)	7	0%	7	08-Jun-19	15-Jun-19							
NB-NVB-TVF-2													
TVF-NVB1040	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	6	0%	6	17-May-19	23-May-19							
TVF-NVB1050	Damper/Silencer and duct installation - Lower Attenuator Room (B1/F)	7	0%	7	17-Jun-19	24-Jun-19							
NB-NVB-TVF-3													
TVF-NVB1080	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	6	0%	6	24-May-19	30-May-19							
TVF-NVB1090	Damper/Silencer and duct installation - Lower Attenuator Room (B1/F)	7	0%	7	25-Jun-19	03-Jul-19							
NB-NVB-TVF-4													
TVF-NVB1120	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	6	0%	6	31-May-19	06-Jun-19							
TVF-NVB1130	Damper/Silencer and duct installation - Lower Attenuator Room (B1/F)	7	0%	7	04-Jul-19	11-Jul-19							
NB-NVB-TVF-5													
TVF-NVB1160	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	6	0%	6	10-May-19	16-May-19							
TVF-NVB1170	Damper/Silencer and duct installation - Lower Attenuator Room (B1/F)	7	0%	7	22-Jun-19	29-Jun-19							
NB-NVB-TVF-6													
TVF-NVB1200	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	6	0%	6	17-May-19	23-May-19							
TVF-NVB1210	Damper/Silencer and duct installation - Lower Attenuator Room (B1/F)	7	0%	7	02-Jul-19	09-Jul-19							
NB-NVB-TVF-7													
TVF-NVB1240	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	6	0%	6	24-May-19	30-May-19							
TVF-NVB1250	Damper/Silencer and duct installation - Lower Attenuator Room (B1/F)	7	0%	7	10-Jul-19	17-Jul-19							
NB-NVB-TVF-8													
TVF-NVB1280	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	6	0%	6	31-May-19	06-Jun-19							
TVF-NVB1290	Damper/Silencer and duct installation - Lower Attenuator Room (B1/F)	7	0%	7	18-Jul-19	25-Jul-19							
NB-NVB-TVF-9													
TVF-NVB1320	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	6	0%	6	08-Jun-19	14-Jun-19							
NB-NVB-TVF-10													
TVF-NVB1360	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	6	0%	6	15-Jun-19	21-Jun-19							
SB-NVB-TVF-1													
TVF-NVB1400	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	6	0%	6	10-May-19	16-May-19							
TVF-NVB1410	Damper/Silencer and duct installation - Lower Attenuator Room (B1/F)	7	0%	7	08-Jun-19	15-Jun-19							
SB-NVB-TVF-2													
TVF-NVB1440	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	6	0%	6	17-May-19	23-May-19							
TVF-NVB1450	Damper/Silencer and duct installation - Lower Attenuator Room (B1/F)	7	0%	7	17-Jun-19	24-Jun-19							
SB-NVB-TVF-3													
TVF-NVB1480	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	6	0%	6	24-May-19	30-May-19							
TVF-NVB1490	Damper/Silencer and duct installation - Lower Attenuator Room (B1/F)	7	0%	7	25-Jun-19	03-Jul-19							
SB-NVB-TVF-4													
TVF-NVB1520	Silencer, splitter and duct installation - Upper Attenuator Room (1/F)	6	0%	6	31-May-19	06-Jun-19							
TVF-NVB1530	Damper/Silencer and duct installation - Lower Attenuator Room (B1/F)	7	0%	7	04-Jul-19	11-Jul-19							
B2/F													
NVB-EMB21010	E&M Installation - 1st fix - B2/F	50	78%	11	21-Nov-18 A	22-May-19							
NVB-EMB21020	E&M Installation - 2nd fix - B2/F	50	52%	24	28-Nov-18 A	20-Jun-19							
NVB-EMB21030	E&M Installation - Final fix - B2/F	50	5%	48	24-Jan-19 A	16-Aug-19							
NVB-EMB21060	E&M Installation - Electrical Plant Rooms - B2/F	90	0%	90	10-May-19	24-Aug-19							
NVB-EMB21080	E&M Installation - MVAC Plant Rooms - B2/F	60	0%	60	10-May-19	20-Jul-19							
B1/F													

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							Apr	May	Jun	Jul
NVB-EMB11010	E&M Installation - 1st fix - B1/F	50	57%	22	19-Nov-18 A	04-Jun-19				
NVB-EMB11020	E&M Installation - 2nd fix - B1/F	50	53%	24	26-Nov-18 A	03-Jul-19				
NVB-EMB11030	E&M Installation - Final fix - B1/F	50	4%	48	24-Jan-19 A	28-Aug-19				
NVB-EMB11060	E&M Installation - Electrical Plant Rooms - B1/F	90	0%	90	10-May-19	24-Aug-19				
NVB-EMB11080	E&M Installation - MVAC Plant Rooms - B1/F	60	0%	60	10-May-19	20-Jul-19				
G/F										
NVB-EMGF1010	E&M Installation - 1st fix - G/F	50	80%	10	01-Aug-18 A	21-May-19				
NVB-EMGF1020	E&M Installation - 2nd fix - G/F	50	48%	26	08-Aug-18 A	19-Jul-19				
NVB-EMGF1030	E&M Installation - Final fix - G/F	50	4%	48	24-Jan-19 A	13-Sep-19				
NVB-EMGF1070	Installation by CLP - CLPP HV Switch Room - G/F	82	20%	66	14-Feb-19 A	27-Jul-19				
NVB-EMGF1200	E&M Installation - PD Plant Rooms - G/F	90	0%	90	19-Jul-19	04-Nov-19				
1/F										
NVB-EM1F1010	E&M Installation - 1st fix - 1/F	50	54%	23	03-Sep-18 A	05-Jun-19				
NVB-EM1F1020	E&M Installation - 2nd fix - 1/F	50	44%	28	10-Sep-18 A	18-Jul-19				
NVB-EM1F1030	E&M Installation - Final fix - 1/F	50	5%	48	31-Jan-19 A	12-Sep-19				
NVB-EM1F1240	E&M Installation - MVAC Plant Rooms - 1/F	90	0%	90	10-May-19	24-Aug-19				
2/F										
NVB-EM2F1010	E&M Installation - 1st fix - 2/F	50	48%	26	08-Oct-18 A	10-Jun-19				
NVB-EM2F1020	E&M Installation - 2nd fix - 2/F	50	38%	31	15-Oct-18 A	17-Jul-19				
NVB-EM2F1030	E&M Installation - Final fix - 2/F	50	3%	49	07-Feb-19 A	12-Sep-19				
Lift Installation (L01 & L02)										
NVB-LF1010	Access to lift shaft and lift machine room	0	0%	0	23-Apr-19					
Remaining E&M Works for Kiosk N2 (Structure Completed under KD2)										
EN2120	ABWF Works (Door, windows, tiles)	30	0%	30	23-Apr-19	28-May-19				
EN2130	E&M Works	31	0%	31	29-May-19	05-Jul-19				
EN2140	Testing & Commissioning	12	0%	12	06-Jul-19	19-Jul-19				
Key Date 3 - Satellite Control Building & TCCS Provision										
Building Structure										
SCB115	Excavation	12	100%	0	25-Mar-19 A	06-Apr-19 A				
SCB120	Foundations	12	41.67%	7	10-Apr-19 A	30-Apr-19				
SCB130	Ground Floor	12	0%	12	02-May-19	15-May-19				
SCB140	First Floor	12	0%	12	16-May-19	29-May-19				
SCB150	Lower Roof Slab	12	0%	12	30-May-19	13-Jun-19				
SCB160	Second Floor	12	0%	12	14-Jun-19	27-Jun-19				
SCB170	Upper Roof Slab	15	0%	15	28-Jun-19	16-Jul-19				
ABWF Works (for All)										
ASCB1000	Blockwork Walls	19	0%	19	14-Jun-19	06-Jul-19				
ASCB1010	Door and Window Frames	19	0%	19	14-Jun-19	06-Jul-19				
ASCB1020	ABWF Works to Plant Rooms G/F	60	0%	60	21-Jun-19	30-Aug-19				
ASCB1021	ABWF Works to Plant Rooms 1/F	60	0%	60	28-Jun-19	06-Sep-19				
ASCB1022	ABWF Works to Plant Rooms 2/F	60	0%	60	06-Jul-19	13-Sep-19				
ASCB1030	ABWF Works to Office and Corridors G/F	95	0%	95	21-Jun-19	14-Oct-19				
ASCB1031	ABWF Works to Office and Corridors 1/F	95	0%	95	06-Jul-19	28-Oct-19				
ASCB1040	ABWF Works to Toilets 1/F	103	0%	103	21-Jun-19	23-Oct-19				
ASCB1050	Waterproofing and Roofing	50	0%	50	21-Jun-19	19-Aug-19				
ASCB1060	External Cladding and Wall Plastering	101	0%	101	21-Jun-19	21-Oct-19				
Key Date 5 - E&M Works for TCB, Toll Area, Kiosk N1, Underpass, Plant Rm, and Approach Roads										
Carpark Canopy										

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							Apr	May	Jun	Jul
ETCB150	Steelwork for Canopy Structure	90	0%	90	23-Apr-19	08-Aug-19				
E&M Works for TCB										
Installation										
Basement										
TCB-EM1001	E&M Installation - 1st fix - Basement	60	2%	59	10-Apr-19 A	19-Jul-19				
TCB-EM1002	E&M Installation - 2nd fix - Basement	60	0%	60	19-Jul-19	28-Sep-19				
G/F										
TCB-EMGF1010	E&M Installation - 1st fix - G/F	60	34%	40	15-Feb-19 A	26-Jun-19				
TCB-EMGF1020	E&M Installation - 2nd fix - G/F	60	0%	60	02-Jul-19	09-Sep-19				
TCB-EMGF1070	Installation by CLP - CLP Tx Room - G/F	60	50%	30	14-Feb-19 A	17-Jul-19				
1/F										
TCB-EM1F1000	ABWF Works ready for E&M Mobilization to General Areas - 1/F	0	100%	0	25-Mar-19 A					
TCB-EM1F1010	E&M Installation - 1st fix - 1/F	60	44%	34	26-Mar-19 A	19-Jun-19				
TCB-EM1F1080	E&M Installation - FS Plant Rooms - 1/F	90	0%	90	08-Jun-19	23-Sep-19				
2/F										
TCB-EM2F1000	ABWF Works ready for E&M Mobilization to General Areas - 2/F	0	0%	0	08-Jun-19					
TCB-EM2F1010	E&M Installation - 1st fix - 2/F	48	9%	44	04-Apr-19 A	30-Jul-19				
Roof										
TCB-EMRF1000	ABWF Works ready for E&M Mobilization to Roof	0	0%	0	02-Jul-19					
TCB-EMRF1010	E&M Installation - 1st fix - Roof	50	0%	50	15-Jul-19	10-Sep-19				
Lift Installation (L01)										
TCB-LF1000	Access to lift shaft and lift machine room	0	0%	0	02-Jul-19					
Toll Area										
South Bound										
ETA120	Possess Portions IX, XIX, XXIa, XXIb	0	0%	0	31-May-19					
ETA130	Installation of South Bound Toll Booths	30	0%	30	31-May-19	06-Jul-19				
ETA140	South Bound Toll Booths - E&M installation 1st fix	36	0%	36	08-Jul-19	17-Aug-19				
North Bound										
ETA190	Possess Portion XI	0	0%	0	31-May-19					
ETA200	Installation of North Bound Toll Booths	30	0%	30	31-May-19	06-Jul-19				
ETA210	North Bound Toll Booths - E&M installation 1st fix	36	0%	36	08-Jul-19	17-Aug-19				
Kiosk N1										
EN120	Possess Portion IX	0	0%	0	31-May-19					
EN130	Structure	48	0%	48	31-May-19	27-Jul-19				
Plant Room										
E&M Works										
EPR120	Blockwork Wall & ABWF Works	90	60%	36	02-Nov-18 A	04-Jun-19				
EPR130	E&M Installation	90	15%	77	03-Jan-19 A	01-Feb-20				
Deck Void										
TD1, TD2, RB_W										
DV180	Possess Portions X, IX and XI	0	0%	0	31-May-19					
Bridge H1, G1, G2										
DV110	Possess Portions IX	0	0%	0	31-May-19					
DV120	Electrical Installation - Bridge H1	28	0%	28	31-May-19	04-Jul-19				
DV130	Electrical Installation - Bridge G1	28	0%	28	05-Jul-19	06-Aug-19				
Approach Roads										
Under Portions IX, XI, XX										
AR120	Possess Portions IX and XI	0	0%	0	31-May-19					

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AR130	Cabling works - Portion IX	45	0%	45	23-Apr-19	15-Jun-19					
AR133	Cabling works - Portion XI	45	0%	45	17-Jun-19	08-Aug-19					
AR140	Road lighting installation & termination - Portion IX	25	0%	25	22-May-19	20-Jun-19					
AR145	Road lighting installation & termination - Portion XI	25	0%	25	16-Jul-19	13-Aug-19					
Under Portion X											
AR170	Possess Portions X	0	0%	0	31-May-19						
AR176	Underground Cable Duct Installation (by others)	61	0%	61	23-Apr-19	05-Jul-19					
AR180	Cabling works in portion X	90	0%	90	06-Jul-19	22-Oct-19					
Key Date 6B - E&M Works for South Vent Duct, Tunnel, and Approach Roads											
E&M Works											
SVD110	Access to Portions I	0	100%	0	25-Mar-19 A						
SVD120	Access to Portions III	0	0%	0	17-Jul-19						
Service Gallery											
Ch 7200 - 5000											
TNL-SG1000	Drilling works CH7200 - 5000	12	0%	12	23-Apr-19	07-May-19					
TNL-SG1010	Wall Mounted Pipe Module Installation CH7200 - 5000	30	0%	30	08-May-19	12-Jun-19					
TNL-SG1020	Ceiling Mounted Module Delivery CH7200 - 5000	30	0%	30	13-Jun-19	18-Jul-19					
TNL-SG1040	Cabling Works CH7200 - 5000	29	0%	29	19-Jul-19	21-Aug-19					
CH5000 - 3050											
TNL-SG1060	Drilling works CH5000 - 3050	12	0%	12	17-Jul-19	30-Jul-19					
Road Level & OHVD											
Ch 7200 - 5000											
Ch 7200 - 6700											
TNU-RL1770	Bracket fixing on side wall - CH7200 to 6700	8	0%	8	23-Apr-19	02-May-19					
TNU-RL1775	Installation Works by Others (to be coordinated)	96	0%	96	03-May-19	24-Aug-19					
TNU-RL1790	Lighting in the middle of tunnels - CH7200 to 6700	8	0%	8	03-Jun-19	12-Jun-19					
TNU-RL1800	FH/ HR pipe installation - CH7200 to 6700	8	65%	3	02-Apr-19 A	15-Jun-19					
TNU-RL1830	Cabling Works on Brackets - CH7200 to 6700	14	0%	14	15-Jun-19	03-Jul-19					
TNU-RL1840	MSFD delivery in OHVD - CH7200 to 6700	9	0%	9	02-Jul-19	11-Jul-19					
TNU-RL1870	MSFD installation works in OHVD - CH7200 to 6700	9	0%	9	12-Jul-19	22-Jul-19					
TNU-RL1880	High level wiring works and remaining High level works in the middle of tunnels - CH7200 to 6700	20	0%	20	19-Jul-19	10-Aug-19					
Ch 6700 - 6100											
TNU-RL1000	Bracket fixing on side wall - CH6700 to 6100	10	0%	10	03-May-19	14-May-19					
TNU-RL1005	Installation Works by Others (to be coordinated)	110	0%	110	15-May-19	23-Sep-19					
TNU-RL1010	Lighting in the middle of tunnels - CH6700 to 6100	9	0%	9	25-Jun-19	06-Jul-19					
TNU-RL1020	FH/ HR pipe installation - CH6700 to 6100	10	15%	9	16-Apr-19 A	17-Jul-19					
TNU-RL1030	Cabling Works on Brackets - CH6700 to 6100	17	0%	17	17-Jul-19	06-Aug-19					
TNU-RL1040	MSFD delivery in OHVD - CH6700 to 6100	11	0%	11	12-Jul-19	24-Jul-19					
Ch 6100 - 5600											
TNU-RL1110	Bracket fixing on side wall - CH6100 to 5600	8	0%	8	15-May-19	23-May-19					
TNU-RL1115	Installation Works by Others (to be coordinated)	122	0%	122	24-May-19	18-Oct-19					
TNU-RL1120	Lighting in the middle of tunnels - CH6100 to 5600	8	0%	8	06-Jul-19	16-Jul-19					
TNU-RL1130	FH/ HR pipe installation - CH6100 to 5600	8	65%	3	09-Apr-19 A	20-Jul-19					
CH 5600 - 5000											
TNU-RL1220	Bracket fixing on side wall - CH5600 to 5000	10	0%	10	24-May-19	04-Jun-19					
TNU-RL1225	Installation Works by Others (to be coordinated)	136	0%	136	05-Jun-19	15-Nov-19					
TNU-RL1230	Lighting in the middle of tunnels - CH5600 to 5000	9	5%	9	02-Apr-19 A	10-Aug-19					
TNU-RL1240	FH/ HR pipe installation - CH5600 to 5000	10	50%	5	16-Apr-19 A	16-Aug-19					

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							Apr	May	Jun	Jul	
CH5000 - 3050											
CH5000 - 4500											
TNU-RL1780	Bracket fixing on side wall - CH5000 to 4500	8	0%	8	17-Jul-19	25-Jul-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											
SCB-EMGF1210	E&M cast-in Installation	18	0%	18	16-May-19	05-Jun-19					
G/F											
SCB-EMGF11	ABWF Works ready for E&M Mobilization to CLP Tx Room - G/F	0	0%	0	06-Jul-19						
Key Date 6C - E&M Works for South Ventilation Building											
SVB-SEM1000	SEM Drawings ready for Structural Works for SVB	0	0%	0	23-Apr-19						
Installation											
B2/F											
SVB-EMB21010	E&M Installation - 1st fix - B2/F	25	0%	25	18-Mar-19 A	16-Jan-20					
Key Date 10 - FSD Building Structure & E&M Works											
Building Structure											
FSD200	ELS Removed for FSD Substructure (under KD 4A)	0	100%	0		30-Mar-19 A					
FSD210	Ground Floor	20	0%	20	11-May-19	04-Jun-19					
FSD220	First Floor	25	0%	25	04-Jun-19	05-Jul-19					
FSD230	Roof Slab	25	0%	25	05-Jul-19	03-Aug-19					
ABWF Works											
AFSD1000	Blockwork Walls	25	0%	25	19-Jul-19	17-Aug-19					
E&M Works											
Installation											
FSDB-EMGF0001	E&M cast-in Installation	80	0%	80	25-May-19	29-Aug-19					
Statutory Inspections and approvals											
FSDB-SI1000	Submission of Genset Exhaust Drawing to EPD	0	0%	0	27-May-19						
FSDB-SI1005	Review and Approval of Genset Exhaust Drawing by EPD	48	0%	48	27-May-19	23-Jul-19					
Key Date 9 - C&ED Building & E&M Works											
Building Structure											
CED210	ELS Removed for C&ED Substructure (under KD 4A)	0	0%	0		23-Apr-19					
CED220	Ground Floor	20	0%	20	04-May-19	28-May-19					
CED230	First Floor	25	0%	25	28-May-19	27-Jun-19					
CED240	Second Floor	25	0%	25	27-Jun-19	27-Jul-19					
E&M Works											
Installation											
C&EDB-GF0001	E&M cast-in Installation	90	0%	90	18-May-19	03-Sep-19					
Statutory Inspections and approvals											
C&EDB-SI1000	Submission of Genset Exhaust Drawing to EPD	0	0%	0	27-May-19						
C&EDB-SI1005	Review and Approval of Genset Exhaust Drawing by EPD	48	0%	48	27-May-19	23-Jul-19					
Key Date 11 - Landscape Soft Works & Trees Protection											
Trees Protection											
SL195	Protection Existing Trees & Submit Report with Photographic Record No.6	41	12.2%	36	13-Apr-19 A	04-Jun-19					
SL196	Protection Existing Trees & Submit Report with Photographic Record No.7	41	0%	41	05-Jun-19	24-Jul-19					
Key Date 8 - All Works for Tunnel Commissioning & Opening											
Petrol Filling Station											
Structure											

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							Apr	May	Jun	Jul	
							PS110	Possess Portion Vc	0	0%	0
PS120	Excavation	20	0%	20	02-May-19	24-May-19					
PS130	Footing	20	0%	20	25-May-19	18-Jun-19					
PS140	Petrol Filling Station Roof	14	0%	14	19-Jun-19	05-Jul-19					
PS150	Structure for Petrol Filling Station	36	0%	36	19-Jun-19	31-Jul-19					
PS160	Underground Fuel Tank Structure	36	0%	36	19-Jun-19	31-Jul-19					
Statutory Inspections and approvals											
Administration Building											
ADB-SI1000	Submission of Genset Exhaust Drawing to EPD	0	0%	0	27-May-19						
ADB-SI1005	Review and Approval of Genset Exhaust Drawing by EPD	48	0%	48	27-May-19	23-Jul-19					
Maintenance Depot											
MD-SI1000	Submission of Genset Exhaust Drawing to EPD	0	0%	0	27-May-19						
MD-SI1005	Review and Approval of Genset Exhaust Drawing by EPD	48	0%	48	27-May-19	23-Jul-19					
North Ventilation Building											
NVB-SI1000	Submission of Genset Exhaust Drawing to EPD	0	0%	0	27-May-19						
NVB-SI1005	Review and Approval of Genset Exhaust Drawing by EPD	48	0%	48	27-May-19	23-Jul-19					
Toll Control Building & Toll Collector Subway											
TCB-SI0010	Submission of Genset Exhaust Drawing to EPD	0	0%	0	27-May-19						
TCB-SI0015	Review and Approval of Genset Exhaust Drawing by EPD	48	0%	48	27-May-19	23-Jul-19					
Satellite Control Building											
SCB-SI1000	Submission of Genset Exhaust Drawing to EPD	0	0%	0	27-May-19						
SCB-SI1005	Review and Approval of Genset Exhaust Drawing by EPD	48	0%	48	27-May-19	23-Jul-19					
South Ventilation Building											
SVB-SI1000	Submission of Genset Exhaust Drawing to EPD	0	0%	0	31-May-19						
SVB-SI1005	Review and Approval of Genset Exhaust Drawing by EPD	48	0%	48	31-May-19	29-Jul-19					

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

P 21/21

Date	Revision	Checked	Approved
26-Apr-19			