

Appendix B

Construction Programme

ID	Activity	Duration (Days)	Duration % Complete	Start	Finish	Total Float	2018												2019												2020											
							May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct						
NVB-TC1040	Non-Essential T&C	30	0%				[Gantt bar: Dec 2019 - Jun 2020]																																			
Remaining E&M Works for Kiosk N2 (Structure Completed under KD2)																																										
EN2140	Testing & Commissioning	12	100%				[Gantt bar: Dec 2019 - Jan 2020]																																			
Remaining Works																																										
KD6-OSW-1000	Remaining Works (Non FSI related)	42	0%				[Gantt bar: Dec 2019 - Jun 2020]																																			
Key Date 3 - Satellite Control Building & TCSS Provision																																										
ABWF Works (for All)																																										
ASCB1020	ABWF Works to Plant Rooms G/F	60	100%				[Gantt bar: Aug 2019 - Jun 2020]																																			
ASCB1070	ABWF second fix & final fix	56	82%				[Gantt bar: Jan 2020 - Jun 2020]																																			
Key Date 5 - E&M Works for TCB, Toll Area, Kiosk N1, Underpass, Plant Rm, and Approach Roads																																										
E&M Works for TCB																																										
Installation																																										
G/F																																										
TCB-EMGF1240	E&M Installation - PD Plant Rooms - G/F	60	85%				[Gantt bar: Jul 2019 - Jun 2020]																																			
1/F																																										
TCB-EM1F1100	E&M Installation - PD Plant Rooms - 1/F	90	85%				[Gantt bar: Jun 2019 - Jun 2020]																																			
2/F																																										
TCB-EM2F1100	E&M Installation - Eiv Plant Rooms - 2/F	60	85%				[Gantt bar: Jul 2019 - Jun 2020]																																			
Testing and Commissioning																																										
AR210	KD5 Achieved	0	0%				[Gantt bar: Jun 2020 - Jun 2020]																																			
TCB-TC1030	Non-Essential T&C	12	0%				[Gantt bar: Feb 2020 - Jun 2020]																																			
Remaining Works for TCB (Non-FSI related)																																										
KD5-OSW-1000	Remaining Works (Non FSI related)	42	50%				[Gantt bar: Mar 2020 - Jun 2020]																																			
Kiosk N1																																										
EN140	ABWF Works (Door, windows, tiles)	30	95%				[Gantt bar: Nov 2019 - Jun 2020]																																			
EN160	T&C	12	100%				[Gantt bar: Jun 2020 - Jun 2020]																																			
Underpass																																										
E&M Works at Underpass																																										
EU120	Remaining E&M Installations	37	91.89%				[Gantt bar: Jun 2019 - Jun 2020]																																			
EU140	Integrated T&C for FSI	6	64.17%				[Gantt bar: May 2020 - Jun 2020]																																			
EU150	Non-Essential T&C	30	3.83%				[Gantt bar: May 2020 - Jun 2020]																																			
VU180	Cladding Works	25	68%				[Gantt bar: Aug 2019 - Jun 2020]																																			
Plant Room																																										
E&M Works																																										
EPR155	Integrated T&C for FSI	6	50%				[Gantt bar: May 2020 - Jun 2020]																																			
EPR160	Non-Essential T&C	30	0%				[Gantt bar: May 2020 - Jun 2020]																																			
Approach Roads																																										
Under Portions IX, XI, XX																																										
AR150	T&C of Roading Lighting	30	0%				[Gantt bar: Dec 2019 - Jun 2020]																																			
Key Date 6B - E&M Works for South Vent Duct, Tunnel, and Approach Roads																																										
E&M Works																																										
Road Level & OHVD																																										
Ch 7200 - 6700																																										
TNU-RL1970	Cladding works - CH7200 to 6700	13	90%				[Gantt bar: Dec 2019 - Jun 2020]																																			
Ch 6700 - 6100																																										
TNU-RL1100	Cladding works - CH6700 to 6100	15	90%				[Gantt bar: Dec 2019 - Jun 2020]																																			
Ch 6100 - 5600																																										
TNU-RL1210	Cladding works - CH6100 to 5600	13	90%				[Gantt bar: Dec 2019 - Jun 2020]																																			
CH 5600 - 5000																																										
TNU-RL1320	Cladding works - CH5600 to 5000	15	90%				[Gantt bar: Dec 2019 - Jun 2020]																																			
CH5000 - 3050																																										
CH5000 - 4500																																										
TNU-RL1980	Cladding works - CH5000 to 4500	13	95%				[Gantt bar: Dec 2019 - Jun 2020]																																			
CH4500 - 4000																																										
TNU-RL1430	Cladding works - CH4500 to 4000	13	95%				[Gantt bar: Dec 2019 - Jun 2020]																																			

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TM-CLKL NORTHERN CONNECTION TUNNEL BUILDINGS, E&M WORKS

THREE MONTHLY PROGRAMME AS OF 20 Jun 2020

P 2	Date	Revision	Checked	Approved
	20-May-20			

ID	Activity	Duration (Days)	Duration % Complete	Start	Finish	Total Float	2018												2019												2020											
							May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct						
SL130	Works Substantially Completed at South Side (KD7A)	0	0%																																							
SL140	Landscape Soft Works at South Side (wet season)	102	0%																																							
Trees Protection																																										
SL202	Protection Existing Trees & Submit Report with Photographic Record No.13	41	90.24%																																							
SL203	Protection Existing Trees & Submit Report with Photographic Record No.14	41	0%																																							
SL204	Protection Existing Trees & Submit Report with Photographic Record No.15	40	0%																																							
Key Date 8 - All Works for Tunnel Commissioning & Opening																																										
Petrol Filling Station																																										
Structure																																										
PS140	Petrol Filling Station Roof	14	0%																																							
PS180	Concrete Plinth	12	0%																																							
E&M Works																																										
EPS110	Miscellaneous ABWF Works	42	0%																																							
EPS130	E&M Installation	30	100%																																							
EPS140	T&C	12	0%																																							
Statutory Inspections and approvals																																										
Administration Building																																										
ADB-SI1010	Submit WWO46 Part IV for PD	0	0%																																							
ADB-SI1030	WSD inspection of Plumbing Installation (PL)	4	0%																																							
ADB-SI1070	Obtain Water Certificate and water supply connection - PL	4	0%																																							
ADB-SI1110	Submit CT2B	0	100%																																							
ADB-SI1120	EMSD examines site acceptance report and acceptance	36	0%																																							
ADB-SI1130	Submit WWO46 part IV for CT plumbing works	0	0%																																							
ADB-SI1140	WSD inspection and water connection for CT plumbing works	6	0%																																							
Maintenance Depot																																										
MD-SI1040	Submit WWO46 Part IV for PD	0	0%																																							
MD-SI1060	WSD inspection of Plumbing Installation (PL)	4	0%																																							
MD-SI1090	Obtain Water Certificate and water supply connection - FS	4	50%																																							
MD-SI1100	Obtain Water Certificate and water supply connection - PL	4	0%																																							
North Ventilation Building																																										
NVB-SI1090	Submit WWO46 Part IV for PD	0	0%																																							
NVB-SI1110	WSD inspection of Plumbing Installation (PL)	4	0%																																							
NVB-SI1130	Water Samples Test	24	0%																																							
NVB-SI1140	Obtain Water Certificate and water supply connection - PL	4	0%																																							
Petrol Filling Station																																										
PFS-SI1010	T&C of E&M System	6	0%																																							
PFS-SI1030	DG Inspection	18	0%																																							
PFS-SI1040	Obtain DG Licence	0	0%																																							
PFS-SI1050	Final Submission of form FSI 314/501	0	0%																																							
PFS-SI1060	FSD Inspection	42	0%																																							
Underpass & Plant Room																																										
VUP-SI1095	Obtain Water Certificate and water supply connection - FS	4	0%																																							
VUP-SI2000	Final Submission of Form FSI 314 / 501 to FSD	0	0%																																							
VUP-SI2010	FSD Inspection	42	0%																																							
VUP-SI2020	Obtain FSI Certificate FS 172	0	0%																																							
Toll Control Building & Toll Collector Subway																																										
TCB-SI2000	Submit WWO46 Part IV for PD	0	0%																																							
TCB-SI2020	WSD inspection of Plumbing Installation (PL)	4	0%																																							
TCB-SI2030	WSD inspection of Plumbing Installation (FS)	4	50%																																							
TCB-SI2040	Water Samples Test	24	0%																																							
TCB-SI2045	Obtain Water Certificate and water supply connection - FS	4	0%																																							
TCB-SI2050	Obtain Water Certificate and water supply connection - PL	4	0%																																							
TCB-SI3000	Submit CT2B	0	100%																																							
TCB-SI3010	EMSD examines site acceptance report and acceptance	36	0%																																							
TCB-SI3020	Submit WWO46 part IV for CT plumbing works	0	0%																																							
TCB-SI3030	WSD inspection and water connection for CT plumbing works	4	0%																																							
Satellite Control Building																																										
SCB-SI1040	Submit WWO46 Part IV for PD	0	0%																																							

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