

Appendix B

Construction Programme

ID	Activity	Duration (Days)	Activity % 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	Nov					
HY2017/10 - Works Programme Three Month Rolling Programme 20-Sep-20																																										
Contract Dates																																										
Key Dates																																										
KD08	KD08 - All Other Works for Tunnel Commissioning & Opening	0	0%			0																																				
KD09	KD09 - C&ED Building, E&M Works, & FSD Inspection	0	0%			-46																																				
KD10	KD10 - FSD Building, E&M Works, & FSD Inspection	0	0%			-103																																				
KD11	KD11 - Landscape Soft Works & Trees Protection	0	0%			-8																																				
Portion Possession Dates																																										
P325	Possession to Portion XXII (Day 483)	0	0%			-124																																				
P335	Possession to Portion XXIII (Day 483)	0	0%			-124																																				
Portion Handover Dates																																										
H120	Vacate Portion XVIb (KD10+28)	0	0%			-115																																				
H130	Vacate Portion XVIa (KD10+28)	0	0%			-115																																				
H140	Vacate Portion XVb (KD9+28)	0	0%			-54																																				
H150	Vacate Portion XVa (KD9+28)	0	0%			-54																																				
H160	Vacate Portion XXIa (KD8+28)	0	0%			0																																				
H170	Vacate Portion XXIb (KD8+28)	0	0%			0																																				
H180	Vacate Portion XXII (KD8+28)	0	0%			0																																				
H190	Vacate Portion XXIII (KD8+28)	0	0%			0																																				
H200	Vacate Portion XII (KD8+28)	0	0%			0																																				
H210	Vacate Portion XIII (KD8+28)	0	0%			0																																				
H220	Vacate Portion XIV (KD8+28)	0	0%			0																																				
H230	Vacate Portion XVIIa (KD8+28)	0	0%			0																																				
H240	Vacate Portion Ve (KD8+28)	0	0%			0																																				
H250	Vacate Portion Vc (KD8+28)	0	0%			0																																				
H260	Vacate Portion Vlb (KD8+28)	0	0%			0																																				
H270	Vacate Portion VIII (KD8+28)	0	0%			0																																				
H280	Vacate Portion XI (KD8+28)	0	0%			0																																				
H290	Vacate Portion VII (KD8+28)	0	0%			0																																				
H300	Vacate Portion IX (KD8+28)	0	0%			0																																				
H310	Vacate Portion X (KD8+28)	0	0%			0																																				
H320	Vacate Portion XXIc (KD8+28)	0	0%			0																																				
H330	Vacate Portion WA6 (KD8+28)	0	0%			0																																				
H340	Vacate Portion XIX (KD11+28)	0	0%			0																																				
Major Design Submission & Approval																																										
Major Material Submission & Approval																																										
Drawing Submission & Approval																																										
General Procurement																																										
OW120	Hard Landscaping Works & Irrigation Systems	96	60%			-63																																				
OW130	Street Furniture	96	60%			-27																																				
OW135	All T&C Completed	0	0%			-33																																				
OW145	ELV System Test	70	80%			-33																																				
OW155	Interfacing T&C with C5	70	100%			-19																																				
OW160	Integrated System Test	12	0%			-33																																				
OW200	KD8 Achieved	0	0%			-35																																				
Key Date 1 - Toll Control Building (TCB) & TCSS Provision																																										
ABWF Works (for All)																																										
ATCB1130	ABWF second fix & final fix	90	95%			1																																				
Key Date 2 - Administration Building, Maintenance Depot, Kiosk N2, TCSS Provision																																										
Administration Building (ADB)																																										
ABWF Works (for All)																																										
AADB1200	ABWF second fix & final fix	90	98%			8																																				
Maintenance Depot																																										
ABWF Works (for All)																																										
AMD1070	ABWF second fix & final fix	80	97%			20																																				
Key Date 6 - E&M Works for Administration Building, Maintenance Depot, North Vent Building, Kiosk N2																																										
Remaining Works																																										
KD6-OSW-1000	Remaining Works (Non FSI related)	42	95%			8																																				
Key Date 3 - Satellite Control Building & TCSS Provision																																										

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

THREE MONTHLY PROGRAMME AS OF 20 Sep 2020

P 1	Date	Revision	Checked	Approved
	20-Sep-20			

ID	Activity	Duration (Days)	Activity % 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	Nov					
ABWF Works (for All)																																										
ASCB1020	ABWF Works to Plant Rooms G/F	60	100%			-10																																				
ASCB1070	ABWF second fix & final fix	56	95%			18																																				
Key Date 5 - E&M Works for TCB, Toll Area, Kiosk N1, Underpass, Plant Rm, and Approach Roads																																										
E&M Works for TCB																																										
Remaining Works for TCB (Non-FSI related)																																										
KD5-OSW-1000	Remaining Works (Non FSI related)	42	95%			16																																				
Approach Roads																																										
Under Portions IX, XI, XX																																										
AR150	T&C of Rooding Lighting	30	40%			4																																				
Under Portion X																																										
AR200	T&C of Rooding Lighting in portion X	30	40%			4																																				
Key Date 7 - E&M Works for Satellite Control Building and Kiosks S1&S2																																										
E&M Works for Satellite Control Building																																										
E&M Works																																										
Remaining Works for SCB (Non-FSI related)																																										
KD7-OSW-1010	Remaining Works (Non-FSI related)	42	95%			4																																				
Key Date 6C - E&M Works for South Ventilation Building																																										
Remaining Works for SVB (Non-FSI related)																																										
KD6C-OSW-1000	Remaining Works (Non-FSI related)	42	95%			4																																				
Key Date 6A - E&M Works for Approach Roads at North Side																																										
Approach Roads																																										
EAR130	Road Ligting Installation & Termination	50	95%			-63																																				
EAR140	T&C & Miscellaneous Works for Statutory Inspection	12	0%			-63																																				
Key Date 10 - FSD Building Structure & E&M Works																																										
ABWF Works																																										
AFSD1030	ABWF Works to Office and Corridors G/F	124	99%			-135																																				
AFSD1031	ABWF Works to Office and Corridors 1/F	124	99%			-135																																				
AFSD1040	ABWF Works to Toilets G/F	136	99%			-135																																				
AFSD1060	External Cladding and Wall Plastering	101	95%			-94																																				
AFSD1070	ABWF second fix & final fix	73	90%			-99																																				
E&M Works																																										
Installation																																										
G/F																																										
FSDB-EMGF1160	E&M Installation - Eiv Plant Rooms - G/F	50	90%			-140																																				
1/F																																										
FSDB-EM1F1140	E&M Installation - PD Plant Rooms - 1/F	60	90%			-145																																				
Testing and Commissioning																																										
FSDB-TC1030	Non-Essential T&C	30	98%			-99																																				
Statutory Inspections and approvals																																										
FSDB-SI1060	WSD Inspection of Plumbing Installation (PL)	4	0%			-145																																				
FSDB-SI1080	Water Samples Test	24	0%			-145																																				
FSDB-SI1090	Obtain Water Certificate and water supply connection - FS	4	0%			-115																																				
FSDB-SI1100	Obtain Water Certificate and water supply connection - PL	4	0%			-145																																				
FSDB-SI1120	FSD Inspection	12	0%			-116																																				
FSDB-SI1130	Obtain FSI Certificate FS 172	0	0%			-116																																				
FSDB-SI1140	KD10 Achieved	0	0%			-145																																				
Key Date 7A - E&M Works for Approach Roads at South Side																																										
Approach Roads																																										
EAR200	T&C	12	20%			4																																				
Tunnel																																										
Remaining Works for Tunnel (CH2500 - 1800)																																										
A1010	Remaining Works (Non FSI related)	98	90%			-35																																				
Key Date 9 - C&ED Building & E&M Works																																										
ABWF Works																																										
ACED1010	Door and Window Frames	48	100%																																							
ACED1020	ABWF Works to Plant Rooms G/F	60	95%			-141																																				
ACED1021	ABWF Works to Plant Rooms 1/F	60	85%			-141																																				
ACED1022	ABWF Works to Plant Rooms 2/F	60	85%			-141																																				

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THREE MONTHLY PROGRAMME AS OF 20 Sep 2020

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Date	Revision	Checked	Approved
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ID	Activity	Duration (Days)	Activity % 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	Nov					
ACED1023	ABWF Works to Plant Rooms 3/F	60	85%			-140																																				
ACED1030	ABWF Works to Office and Corridors G/F	133	95%			-136																																				
ACED1031	ABWF Works to Office and Corridors 1/F	118	85%			-136																																				
ACED1032	ABWF Works to Office and Corridors 2/F	130	85%			-132																																				
ACED1033	ABWF Works to Office and Corridors 3/F	92	85%			-132																																				
ACED1040	ABWF Works to Toilets G/F	142	95%			-136																																				
ACED1041	ABWF Works to Toilets 2/F	142	95%			-132																																				
ACED1042	ABWF Works to Toilets 3/F	98	99%			-132																																				
ACED1060	External Cladding and Wall Plastering	97	80%			-84																																				
ACED1070	ABWF second fix & final fix	69	80%			-83																																				
E&M Works																																										
Installation																																										
G/F																																										
C&EDB-GF1030	E&M Installation - Final fix - G/F	40	90%			-136																																				
C&EDB-GF1120	E&M Installation - Generator & Fuel Tank Rooms - G/F	90	93%			-138																																				
C&EDB-GF1160	E&M Installation - Elev Plant Rooms - G/F	90	90%			-141																																				
1/F																																										
C&EDB-1F1030	E&M Installation - Final fix - 1/F	40	90%			-136																																				
C&EDB-1F1090	E&M Installation - Electrical Plant Rooms - 1/F	90	95%			-137																																				
2/F																																										
C&EDB-2F1030	E&M Installation - Final fix - 2/F	40	80%			-128																																				
C&EDB-2F1060	E&M Installation - Electrical Plant Rooms - 2/F	90	95%			-137																																				
C&EDB-2F1100	E&M Installation - Elev Plant Rooms - 2/F	90	90%			-141																																				
3/F																																										
C&EDB-3F1030	E&M Installation - Final fix - 3/F	30	85%			-131																																				
C&EDB-3F1060	E&M Installation - Electrical Plant Rooms - 3/F	84	90%			-140																																				
C&EDB-3F1080	E&M Installation - MVAC Plant Rooms - 3/F	84	90%			-140																																				
C&EDB-3F1100	E&M Installation - FS Plant Rooms - 3/F	80	90%			-140																																				
C&EDB-3F1120	E&M Installation - PD Plant Rooms - 3/F	60	90%			-98																																				
Roof																																										
C&EDB-RF1030	E&M Installation - Final fix - Roof	20	90%			-132																																				
Lift Installation																																										
C&EDB-LF1040	Final adjustment, Submission of Form LE5 & EMSD processing	30	50%			-90																																				
C&EDB-LF1050	Issuance of lift use permit	0	0%			-90																																				
Testing and Commissioning																																										
C&EDB-TC1020	Equipment Start-up T&C for FSI	6	0%			-141																																				
C&EDB-TC1023	Individual E&M System T&C for FSI	33	0%			-141																																				
C&EDB-TC1025	Intergrated T&C for FSI	6	0%			-141																																				
C&EDB-TC1030	Non-Essential T&C	24	0%			-118																																				
Statutory Inspections and approvals																																										
C&EDB-SI1030	Obtain DG Licence	0	0%			-81																																				
C&EDB-SI1060	WSD inspection of Plumbing Installation (PL)	4	0%			-98																																				
C&EDB-SI1070	WSD inspection of Plumbing Installation (FS)	4	0%			-103																																				
C&EDB-SI1080	Water Samples Test	24	0%			-100																																				
C&EDB-SI1090	Obtain Water Certificate and water supply connection - FS	4	0%			-103																																				
C&EDB-SI1100	Obtain Water Certificate and water supply connection - PL	4	0%			-100																																				
C&EDB-SI1110	Final Submission of Form FSI 314 / 501 to FSD	0	0%			-141																																				
C&EDB-SI1120	FSD Inspection	28	0%			-141																																				
Key Date 11 - Landscape Soft Works & Trees Protection																																										
Landscape Soft Works																																										
SL120	Landscape Soft Works at North Side (wet season)	122	82.79%			-30																																				
SL140	Landscape Soft Works at South Side (wet season)	102	5.88%			-105																																				
Key Date 8 - All Works for Tunnel Commissioning & Opening																																										
Statutory Inspections and approvals																																										
Administration Building																																										
ADB-SI1070	Obtain Water Certificate and water supply connection - PL	4	0%			23																																				
ADB-SI1120	EMSD examines site acceptance report and acceptance	36	50%			9																																				
Maintenance Depot																																										
MD-SI1100	Obtain Water Certificate and water supply connection - PL	4	0%			23																																				
North Ventilation Building																																										

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THREE MONTHLY PROGRAMME AS OF 20 Sep 2020

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							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	Nov					
							NVB-SI1110	WSD inspection of Plumbing Installation (PL)	4	100%																																
NVB-SI1130	Water Samples Test	24	0%																																							
NVB-SI1140	Obtain Water Certificate and water supply connection - PL	4	0%																																							
Petrol Filling Station																																										
PFS-SI1030	DG Inspection	18	0%																																							
PFS-SI1040	Obtain DG Licence	0	0%																																							
Underpass & Plant Room																																										
VUP-SI2020	Obtain FSI Certificate FS 172	0	0%																																							
Toll Control Building & Toll Collector Subway																																										
TCB-SI2020	WSD inspection of Plumbing Installation (PL)	4	0%																																							
TCB-SI2040	Water Samples Test	24	0%																																							
TCB-SI2045	Obtain Water Certificate and water supply connection - FS	4	100%																																							
TCB-SI2050	Obtain Water Certificate and water supply connection - PL	4	0%																																							
TCB-SI3010	EMSD examines site acceptance report and acceptance	36	50%																																							
Satellite Control Building																																										
SCB-SI1080	Water Samples Test	24	0%																																							
SCB-SI1100	Obtain Water Certificate and water supply connection - PL	1	0%																																							
South Ventilation Building																																										
SVB-SI1130	Water Samples Test	24	0%																																							
SVB-SI1140	Obtain Water Certificate and water supply connection - PL	4	0%																																							
Tunnel																																										
TNL-10TC2010	FSD inspection & re-inspection	42	60%																																							
TNL-10TC2020	Obtain Fire Certificate	0	0%																																							
Others Works for Road Opening																																										
OW175	Operation Verifications and Trial	18	0%																																							

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