

Appendix A

Construction Programme

Activity ID	Activity Name	Remaining Duration	Start	Finish	2021					2022	
					Sep	Oct	Nov	Dec	Jan		
Revised Works Programme for HKZMB Phase 2 and Other Works (HY/2019/01)											
CONTRACT DATES											
Sectional Completion											
A0260	Section 2: Irrigation System at Slopes of NPTI within Portion B (550 days)	0		30-Sep-21 A							
A0280	Section 3: Modification of Walkway, Construction of Bldg003 and Bldg007at NPTI within Portion C (550 days)	0		30-Oct-21*							
A0290	Section 4: Removal of Watermain at the Skycity Interchange within Portion C&D (730 days) P.8	0		29-Dec-21*							
SUBMISSIONS											
A0450	Submission of TTA	32	04-Dec-19 A	03-Nov-21							
A0460	Acceptance of TTA	32	01-Jan-20 A	03-Nov-21							
CONTRACTOR'S DESIGN											
A7950	Acceptance of the Design for Irrigation System (NPTI)	0	01-Aug-20 A	13-Sep-21 A							
A7980	Acceptance of the Design for Pump House	18	16-Aug-20 A	20-Oct-21							
A8000	Acceptance of the Design for Irrigation System (Southern Portion)	13	16-Aug-20 A	15-Oct-21							
A8730	Design for Sliding Gate	0	03-Jul-21 A	03-Oct-21							
A8730A	Design for Upgrading Works for DCS	1	04-Dec-19 A	03-Oct-21							
A8740	Acceptance for Design of Sliding Gate	1	03-Jul-20 A	03-Oct-21							
A8740A	Acceptance for Design for Design for Upgrading Works for DCS	1	03-May-20 A	03-Oct-21							
BUILDING INFORMATION MODELING											
A7570	Combined Services Drawing (Gen by BIM model)	1	01-Apr-20 A	03-Oct-21							
A7580	Completion of BIM 3D Model	59	17-Feb-20 A	30-Nov-21							
A7590	As-built BIM Model	72	08-Jan-21 A	13-Dec-21							
REFINEMENT WORKS AT HKP (4A)											
Installation of Sliding Gate at Building No. 041 (4A.J)											
A4980	Design for Sliding Gate	1	03-Jul-21 A	03-Oct-21							
A6650	Acceptance for Design of Sliding Gate	1	03-Jul-21 A	03-Oct-21							
A6650A	Removal of the existing manual swing gate	6	04-Oct-21	09-Oct-21							
A6660	Procurement of Sliding Gate	7	03-Sep-21 A	09-Oct-21							
A6710	Installation of Security Fence and Sliding Gate (Fire Station cum Ambulance Depot 041)	25	11-Oct-21	09-Nov-21							
A6720	T&C	28	10-Nov-21	11-Dec-21							
Painting for Volleyball Court											
A7260	Painting for Volleyball Ground, Part 1	0	02-Sep-21 A	30-Sep-21 A							
A8850	Painting for Volleyball Ground, Part 2	48	04-Oct-21	29-Nov-21							
SECTION 2: IRRIGATION SYSTEM AT SLOPES OF NPTI WITHIN PORTION B (3)											
Design and Design Acceptance											
A6470	Acceptance of the Design for Irrigation System (NPTI)	0	01-Aug-20 A	15-Sep-21 A							
EMSD Comments on Automatic Irrigation System at SIMAR Slope of NPTI - NEC No. 120											
A6470A	Acceptance of the design for irrigation system (NPTI)	0	04-Feb-21 A	13-Sep-21 A							
Irrigation System at Slopes of NPTI within Portion B											
A6900	Irrigation Pipe Laying	0	05-Jul-21 A	30-Sep-21 A							
A6920	T&C	0	18-Sep-21 A	30-Sep-21 A							
A7330	Section 2: Irrigation System at Slopes of NPTI within Portion B (550 days)	0		30-Sep-21 A							
SECTION 3: NPTI - PUBLIC TOILET, COVERED WALKWAY & PAVEMENT (6)											
Additional & Modification of Covered Walkway adjacent to Building 003, Area 7 (6.C)											
A4450	Erection of Covered Walkway	8	28-Nov-20 A	12-Oct-21							
A4470G	Canopy Lighting Installation	14	15-Apr-21 A	20-Oct-21							
A7010	T&C	23	16-Aug-21 A	30-Oct-21							
Public Toilet Type 1, Building 003 (6.B)											
A1780	Procurement of Materials	0	18-Dec-20 A	03-Oct-21							
A2190	Doors (7 Nos. of Metal Doors)	6	30-Sep-21 A	09-Oct-21							
A2210	Metal Works (1 No. of Cat Ladder, 1 No. of Louvre, 1 No. of Ap)	6	18-Jun-21 A	09-Oct-21							
A2250	Sanitary Fitting Installation	6	04-Oct-21	09-Oct-21							
A2270	Delivery of Furniture	0	22-Jun-20 A	15-Sep-21 A							
A2280	Furniture Installation	0	02-Aug-21 A	18-Sep-21 A							
A2310	Ceiling Installation	0	20-Jul-21 A	30-Sep-21 A							
A2310A	Signage installation	12	04-Oct-21*	18-Oct-21							
A3380C	BS (incl. signage) Installation (area except ceiling area)	14	26-May-21 A	20-Oct-21							
A3380D	SCADA and panic alarm (ELV) installation works	14	03-Aug-21 A	20-Oct-21							
A3380G	FSD Inspection and approval	7	10-Aug-21 A	11-Oct-21							
A3390	TPIDC Authority Inspection & Approval	18	30-Aug-21 A	25-Oct-21							

█ Actual Work ◆ Milestone
█ Remaining Work
█ Critical

THREE MONTH ROLLING PROGRAMME FOR PHASE 2 AND OTHER WORKS
HKZMB - HONG KONG BOUNDARY CROSSING FACILITIES
 Page 1 of 4

Date	Revision	Checked	Approv...
06-Oct-21	3mth Rolling Programme, Oct.. 2021 - Dec. 2021	ZJ	

HKZMB HK Boundary Crossing Facilities - Phase 2 and Other Works

06-Oct-21

Activity ID	Activity Name	Remaining Duration	Start	Finish	2021					2022 Jan
					Sep	Oct	Nov	Dec		
A6100	ASD Approval, WWO Part V submission & Approval	18	30-Aug-21 A	25-Oct-21						
Drainage, Pavement, Kerbing, Lighting, Marking and Signs (6.F)										
A1640	Pavement, Kerbing, Marking and Signs	19	18-Jun-21 A	26-Oct-21						
Completion of Section 3										
A7360	Section 3: Modification of Walkway, Construction of Bldg003 and Bldg007at NPTI within Portion C (0		30-Oct-21						◆ Section 3: Modification of Walkway, Construction of Bldg003 and Bldg007at NPTI within Portion C
SECTION 4: REMOVAL OF WATERMAIN AT THE SKYCITY INTERCHANGE WITHIN PORTION C AND D										
A4050	Liaise with AAHK (does not include access to AA Contractor site) for Site Access	28	29-Jul-20 A	30-Oct-21						
A7380	Removal of Watermain at Skycity Interchange. Portion 1	60	04-Oct-21	13-Dec-21						
A7460	AAHK acceptance and handover of watermain removed works	11	15-Dec-21	29-Dec-21						
A7470	Section 4: Removal of Watermain at the Skycity Interchange within Portion C&D (730 days)	0		29-Dec-21*						◆ Section 4: Removal of Watermain at the Skycity Interchange within Portion C&D (730 days)
SECTION 5: REMAINING WORKS										
External Works at Plaza										
A1520	Additional Drainage Works and Modification of existing UUs	0	03-Jun-20 A	04-Oct-21						
A1540	Pavement Works (Subbase) at Inbound South	14	02-Jul-21 A	20-Oct-21						
A1540B	Pavement Works (Roadbase and Base Course) at Outbound North	8	10-May-21 A	12-Oct-21						
A1540C	Pavement Works (Roadbase and Base Course) at Inbound South	19	08-Jun-21 A	26-Oct-21						
A8750	Pavement Works (incl. waterproof+screeding layer) at kiosks area at outbound	23	15-May-21 A	30-Oct-21						
A8760	Pavement Works (incl. waterproof+screeding layer) at kiosks area at inbound	41	03-Jun-21 A	20-Nov-21						
A8770	Pavement Works (Wearing Course) at Outbound	41	11-Oct-21*	27-Nov-21						
A8780	Pavement Works (Wearing Course) at Inbound	42	01-Nov-21*	18-Dec-21						
A8790	Road Marking & Signs	54	18-Nov-21*	22-Jan-22						
Inbound: 11 No. of Private Car Kiosks between 027/028										
Builder Works (5.A)										
A1070	Installation of Windows/Door at Kiosks	22	13-Apr-21 A	29-Oct-21						
A1080	ABWF Works at 1st Group Kiosks (3 nos.)	0	13-May-21 A	15-Sep-21 A						
A1080A	ABWF Works at 2nd Group Kiosks (3 nos.)	0	08-Jun-21 A	25-Sep-21 A						
A1080B	ABWF Works at 3rd Group Kiosks (3 nos.)	2	07-Jul-21 A	05-Oct-21						
A1080C	ABWF Works at 4th Group Kiosks (2 nos.)	10	27-Jul-21 A	15-Oct-21						
A1080D	ABWF Works at Kiosks at Inbound VCP (miscellaneous external railing, cladding etc.)	61	17-Aug-21 A	14-Dec-21						
A1170C	Erection of Panel for Metal Roof (bottom layer) (G25 - G35)	6	16-Aug-21 A	09-Oct-21						
A1180	Erection of Roof Panels (top layer) G25 - G35	35	27-Sep-21 A	13-Nov-21						
A1180A	MJ, Fall Arrest System, Maintenance Access	57	08-Nov-21*	15-Jan-22						
A4480	Removal of all hoarding for OPT	11	01-Nov-21*	12-Nov-21						
E&M Works										
A1109	E&M Installation Work for CUE Area	11	20-Jan-21 A	16-Oct-21						
A1110	E&M Works at 1st Group of Kiosks (3nos.)	0	22-Mar-21 A	04-Oct-21						
A1110A	E&M Works at 2nd Group of Kiosks (3nos.)	0	19-Apr-21 A	04-Oct-21						
A1110B	E&M Works at 3rd Group of Kiosks (3nos.)	0	17-May-21 A	04-Oct-21						
A1110C	E&M Works at 4th Group of Kiosks (2nos.)	0	07-Jun-21 A	04-Oct-21						
A1120-13	8.1.2.0-Install Cable and Fibres for AVCSS (027/028)	0	06-Mar-21 A	04-Oct-21						
A1120-42	8.1.2.2. (by Civil/metal/E&M) D1-ABWF (raised floor, furniture, E&M, road surface at kiosk completed)	0	04-Oct-21							◆ 8.1.2.2. (by Civil/metal/E&M) D1-ABWF (raised floor, furniture, E&M, road surface at kiosk completed)
A1120-44	8.1.2.2- 1st Installation of Equipment (027/028)	0	15-Sep-21 A	29-Sep-21 A						
A1120-44A	8.1.2.2- 2nd Installation of Equipment (027/028)	6	25-Sep-21 A	09-Oct-21						
A1120-44B	8.1.2.2- 3rd Installation of Equipment (027/028)	14	05-Oct-21	21-Oct-21						
A1120-44C	8.1.2.2- 4th Installation of Equipment (027/028)	19	15-Oct-21	05-Nov-21						
A1120-46	8.1.2.2-Pre-inspection of ODB	1	23-Aug-21 A	04-Oct-21						
A1120-46.1	8.1.2.2-Installation of ODB (027/028) - after A1170B Erection of Roof	32	11-Oct-21	17-Nov-21						
A1120-46.2	8.1.2.2-Termination & Installation Test of all ODB (027/028)	37	19-Nov-21	04-Jan-22						
A1120-46.4	8.1.2.2-Integrate all ODBs into Existing ODB network(027/028) (IB & OB together 24 kiosks)	28	05-Jan-22	09-Feb-22						
A1120-50	8.1.2A.D1-Inbound VCP VID and VTS Foundation, Mounting Pole and Electricity Ready	0	04-Oct-21							◆ 8.1.2A.D1-Inbound VCP VID and VTS Foundation, Mounting Pole and Electricity Ready
A1120-54	8.1.2A-Relocation of Inbound VID and VTS Equipment	60	04-Oct-21	13-Dec-21						
A1120-60	8.1.3 - System Configuration of AVCSS	7	05-Aug-21 A	11-Oct-21						
A1120-70	8.1.4-Complete Training, SAT (exclude ODB) (12 AVCSS Kiosks at 027/028)	58	12-Oct-21	18-Dec-21						
A1120-80	8.1.5-Preparation of O&M Manual and Spare Parts	60	12-Oct-21	21-Dec-21						
A1130-10	8.1.7-D1-TTA for OPT (027/028)	27	25-Oct-21	24-Nov-21						
A1130-20	8.1.7-OPT (027/028)	30	05-Jan-22	03-Feb-22						
A1130-25	Proposal for Migration/Integration with existing AVCSS Before OPT subject to Users (C&ED)	20	28-Jul-21 A	27-Oct-21						
A1190	E&M Works at Roof	15	24-Jul-21 A	21-Oct-21						
A8360A	Design for Upgrading Works for DCS	0	04-Dec-19 A	03-Sep-21 A						
A8360B	Acceptance for Design for Design for Upgrading Works for DCS	0	03-May-20 A	03-Sep-21 A						
A8360C	Material Delivery for DCS upgrading	23	04-Sep-21 A	30-Oct-21						

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**THREE MONTH ROLLING PROGRAMME FOR PHASE 2 AND OTHER WORKS
HKZMB - HONG KONG BOUNDARY CROSSING FACILITIES**

Date	Revision	Checked	Approv...
06-Oct-21	3mth Rolling Programme, Oct.. 2021 - Dec. 2021	ZJ	

HKZMB HK Boundary Crossing Facilities - Phase 2 and Other Works

06-Oct-21

Activity ID	Activity Name	Remaining Duration	Start	Finish	2021					2022 Jan
					Sep	Oct	Nov	Dec		
A8370	Update and modification of District Cooling System (DCS) (incl. water balancing and calibration wo	50	01-Nov-21	30-Dec-21						
Outbound: 11 No. of Private Car Kiosks between 029/030										
Builder's Works (5.A)										
A1260	Installation of Windows/Door at Kiosks	14	08-Feb-21 A	20-Oct-21						
A1270	ABWF Works at 1st Group Kiosks (2 nos.)	0	11-Feb-21 A	11-Sep-21 A						
A1270A	ABWF Works at 2nd Group Kiosks (3 nos.)	0	15-Mar-21 A	18-Sep-21 A						
A1270B	ABWF Works at 3rd Group Kiosks (3 nos.)	19	12-Apr-21 A	26-Oct-21						
A1270C	ABWF Works at 4th Group Kiosks (3 nos.)	1	26-Apr-21 A	04-Oct-21						
A1270D	ABWF Works at Kiosks at Outbound VCP (miscellaneous external railing, cladding etc.)	53	25-May-21 A	04-Dec-21						
A1370C	Erection of Panel for metal roof (bottom layer) (GL11 - 22)	6	09-Aug-21 A	09-Oct-21						
A1380	Erection of Roof Panels (top layer) (GL12 - 22)	34	27-Sep-21 A	12-Nov-21						
A1380A	MJ, Fall Arrest System, Maintenance Access	44	06-Nov-21	29-Dec-21						
A4670	Removal of all hoarding for OPT	11	13-Nov-21*	25-Nov-21						
E&M Works										
A1310-42	8.1.2.2. (by Civil/metal/E&M) D1-ABWF (raised floor, furniture, E&M, road surface at kiosk completed)	0	04-Oct-21							
A1310-44	8.1.2.2-1st Installation of Equipment (029/030)	0	11-Sep-21 A	25-Sep-21 A						
A1310-44A	8.1.2.2-2nd Installation of Equipment (029/030)	1	18-Sep-21 A	04-Oct-21						
A1310-44B	8.1.2.2-3rd Installation of Equipment (029/030)	18	26-Oct-21	15-Nov-21						
A1310-44C	8.1.2.2-4th Installation of Equipment (029/030)	15	26-Oct-21	11-Nov-21						
A1310-46	8.1.2.2-Pre-inspection of ODB	0	16-Aug-21 A	03-Sep-21 A						
A1310-46.1	8.1.2.2-Installation of ODB (029/030) - after A1370C: Erection of Panel for ODB (bottom layer) (GL1	32	11-Oct-21	17-Nov-21						
A1310-46.2	8.1.2.2-Termination & Installation Test of all ODB (029/030)	37	18-Nov-21	03-Jan-22						
A1310-46.4	8.1.2.2-Integrate all ODBs into Existing ODB network(027/028) (IB & OB together 24 kiosks)	28	04-Jan-22	08-Feb-22						
A1310-50	8.1.2A.D1-Outbound VCP VID and VTS Foundation, Mounting Pole and Electricity Ready	0	04-Oct-21							
A1310-54	8.1.2A-Relocation of Outbound VID and VTS Equipment	60	04-Oct-21	13-Dec-21						
A1310-60	8.1.3 - System Configuration of AVCSS	7	05-Aug-21 A	11-Oct-21						
A1310-70	8.1.4-Complete Training, SAT (exclude ODB) (12 AVCSS Kiosks at 029/030)	58	12-Oct-21	18-Dec-21						
A1310-80	8.1.5-Preparation of O&M Manual and Spare Parts	60	12-Oct-21	21-Dec-21						
A1320-10	8.1.7-D1-TTA for OPT (029/030)	27	25-Oct-21	24-Nov-21						
A1320-20	8.1.7-OPT (029/030)	30	05-Jan-22	03-Feb-22						
A1320-25	Proposal for Migration/Integration with existing AVCSS before OPT subject to Users (C&ED)	20	28-Jul-21 A	27-Oct-21						
A1390	E&M Works at Roof	23	03-Aug-21 A	30-Oct-21						
A8360D	Design for Upgrading Works for DCS	1	04-Dec-19 A	03-Oct-21						
A8360E	Acceptance for Design for Design for Upgrading Works for DCS	1	03-May-20 A	03-Oct-21						
A8360F	Material Delivery for DCS upgrading	7	03-Sep-21 A	11-Oct-21						
A8380	Update and modification of District Cooling System (DCS) (incl. water balancing and calibration wo	50	12-Oct-21	09-Dec-21						
Drainage & Pavement Works at Kiosks (Inbound & Outbound)										
A1370-C	Paving works at kiosks area	11	21-Jun-21 A	16-Oct-21						
A1370-E	Installation of skylight system (supporting frame & glazing panels)	23	02-Jul-21 A	30-Oct-21						
Observation Guard Booths, Building 002										
A3060	Furniture Installation	0	19-Jun-21 A	03-Sep-21 A						
A3080	Finishing works & ceiling installation	0	26-May-21 A	03-Sep-21 A						
A3090	Internal Finishing	0	29-May-21 A	03-Sep-21 A						
A3110	E&M installation (including T&C)	0	03-Sep-21 A	15-Sep-21 A						
A3110A	Installation of ELV equipment (including T&C)	11	04-Oct-21	16-Oct-21						
SPTI Stage 3A1										
A8580	Dismantle of Existing Guard Booths	15	18-Oct-21	03-Nov-21						
SPTI Stage 3B										
A8630	Covered Walkway Footing	5	16-Aug-21 A	08-Oct-21						
A8640	Installation of Covered Walkway Canopy	35	16-Aug-21 A	13-Nov-21						
A8650	Underground Ducting, Drawpits and Foundations	5	16-Aug-21 A	08-Oct-21						
A8660	Rigid Pavement Type A	61	17-Aug-21 A	14-Dec-21						
A8670	Kerb & Planter Barrier	62	18-Aug-21 A	15-Dec-21						
A8690	Flexible Pavement Type C (incl. SOL353)	79	18-Sep-21 A	22-Jan-22						
A8710	Footpath Paving Block	79	21-Sep-21 A	22-Jan-22						
A8720	Canopy Lighting and E&M Works	50	23-Nov-21	22-Jan-22						
Pump House for Landscape (2)										
A2910	Acceptance of the Design for Pump House	18	16-Aug-20 A	20-Oct-21						
A2974	CLP Cabling Works and Power On	23	01-Sep-21 A	30-Oct-21						
A2990	Final Connection and T&C	14	01-Nov-21	16-Nov-21						
A6440	WSD Inspection & Approval, Final Connection	16	01-Nov-21	16-Nov-21						

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THREE MONTH ROLLING PROGRAMME FOR PHASE 2 AND OTHER WORKS
HKZMB - HONG KONG BOUNDARY CROSSING FACILITIES

Date	Revision	Checked	Approv...
06-Oct-21	3mth Rolling Programme, Oct.. 2021 - Dec. 2021	ZJ	

Activity ID	Activity Name	Remaining Duration	Start	Finish	2021					2022
					Sep	Oct	Nov	Dec	Jan	
Substation Paving Unit										
A8820	Substation: Modification of existing MH/drawpit covers, construct U-channel and catch pit and conn	24	25-Oct-21*	20-Nov-21						
A8830	Substation: Site formation for Pavement Works	23	22-Nov-21	17-Dec-21						
A8840	Substation: Pavement Works (KP1 & K1) (Paving Unit)	26	18-Dec-21	20-Jan-22						
Landscape Works (2)										
A4160	Mix & place Soilmix (Southern Portion & Closed Area, exclude Hydroseeding Area)	23	26-Aug-20 A	30-Oct-21						
A4170A	Tree Planting Works and Reinstatement Works at Southern Portion and Closed Area	49	15-Mar-21 A	30-Nov-21						
A4170B	Soft Landscaping Planting Works at Southern Portion and Closed Area	49	15-Mar-21 A	30-Nov-21						
A4180A	Mix and Place Soilmix for Hydroseeding Area	23	28-Dec-20 A	30-Oct-21						
A4180B	Hydroseeding for Landscaping Area (C33 & Southern Portion)	49	14-Apr-21 A	30-Nov-21						
Irrigation System (Southern Portion)										
<i>Design and Design Acceptance</i>										
A7860	Acceptance of the Design for Irrigation System (Southern Portion)	13	16-Aug-20 A	15-Oct-21						
A7870	Liaison with WSD & Water Meter Installation	0	16-Aug-20 A	29-Sep-21 A						
<i>Irrigation System at Southern Portion</i>										
A7910	Irrigation Pipe Laying (incl. install sprinklers and QCV)	23	02-Jan-21 A	30-Oct-21						
A7930	T&C	26	01-Nov-21	30-Nov-21						
Irrigation System (Water Point)										
A6550	Irrigation Pipe Installation and Water Meter Installation (incl. TTA & crossing road pipe)	0	17-May-21 A	30-Sep-21 A						
A7160	T&C	49	04-Oct-21	30-Nov-21						
Group 2: WP 19 - 22										
A6568	Construction of Additional Waterpoints (WP 19) for Irrigation	23	03-Sep-21 A	30-Oct-21						
A6569	Construction of Additional Waterpoints (WP 20) for Irrigation	12	03-Aug-21 A	18-Oct-21						
A6571	Construction of Additional Waterpoints (WP 21) for Irrigation	12	03-Aug-21 A	18-Oct-21						
A6572	Construction of Additional Waterpoints (WP 22) for Irrigation	12	03-Aug-21 A	18-Oct-21						
Group 3: Water Point NPTI										
A6905	Construction of Additional Water Point (WP15) for Irrigation and Water Meter Installation	0	17-May-21 A	30-Sep-21 A						
Group 4: WP 8, & WP 23										
A6573	Construction of Additional Waterpoints (WP 23) for Irrigation	23	03-Aug-21 A	30-Oct-21						

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