Contract No. PI 2/2020 Environmental Monitoring Works for Lei Yue Mun Waterfront Enhancement Project 19<sup>th</sup> Monthly EM&A Report (November 2022)



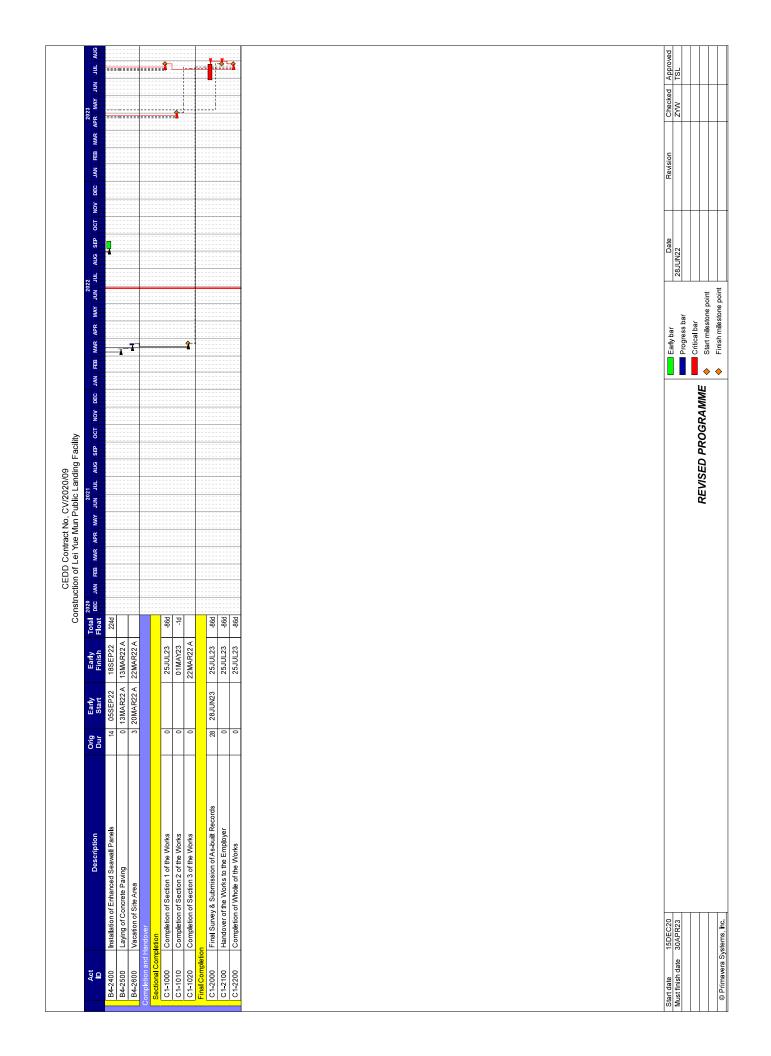


## Appendix A Master Programme

Act ID	Description	Orig Ea Dur S	Early Early Start Finish	Total 2020 Float DEC	1020 2023 DEC JAN FEB MAR APR 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
ey Dates Contract Date	ey Dates Contract Date and Starting Date				
K1-1000 K1-1100	Acceptance of Tender Commencement of the Works	0 15DEC20 A	C20 A	<b>\</b>	•
드	Dates				
K2-1000	Section 1 of the Works	0	30APR23 *	0	*
K2-1010	Section 2 of the Works	0	30APR23 *	0	•
K2-1020 K2-1100	Section 3 of the Works Whole of the Works	0 0	28FEB22 A 30APR23 *	0	•
Site Access Da	ates	-		>	
K3-1000	Access to Part A of the Site	0 29DEC20A	C20 A		•
K3-1010	Access to Part B of the Site	0 29DE	29DEC20 A		
K3-1020	Access to Part C of the Site		C21 A		
K3-1030	Access to Part D of the Site	0 29DEC20 A	29DEC20 A		-
K3-1050	Access to Part F of the Site	0 29DEC29A	C20 A		
II No. 1 - Prelin	minaries				
General Preliminaries	ninaries				
B1-1000	Statutory Notifications (LD/EPD/CIC/PCFB)	28 15DE	15DEC20 A 11JAN21 A	1	
B1-1010	Notification of Marine Works	21 28	28JAN21A 17FEB21A		
B1-1100	General Site Clearance	28 29DE	29DEC20 A 25JAN21 A	7	
B1-1200	Provision of Land Transport for PM		-+	1	
B1-1210	Provision of 24-hr Telephone Hotline		-	j	
B1-1220	Design of Project Website	_	-	T	
B1-1300	Initial lopographic Survey	21 USJ	_	I	
B1-1301	Initial Hydrographic Survey		-	T	
01-1310	Condition Survey	14 26 14	OSTEDZIA UOFEBZIA		
B1-1400	Tree Siney & Tree Rick Accesment	10 19.14			
B1-1410	Tree Felling		+	T	
B1-1500	Submission of Noise Management Plan		+	T	
Site Establishment	ment		-		
B1-2000	Erection of Site Hoarding	21 05JAN21 A	_	<u>-</u>	
B1-2100	Provision of Contractor's Site Accommodation	28 12JA	12JAN21 A 08FEB21 A		
B1-2110	Provision of PM's Principal Site Office			J	
B1-2120	Provision of PM's Container Site Office	31 26AF			
B1-2200	Erection of Project Signboard	7 08JUL22 *	JL22 *   14JUL22	* 0	
Soral Related	≥ -				,
B1-3000	Coral Translocation	2 USIM	20MAY21 A USIMAY21 A	I	
B1-3110	Coral Survey of Translocated Coral Colonies		+	T	
B1-3200	Final Coral Survey	14 07.3	+	100H	
ल	nding Facility & Seawall		-		
Site Clearance	91				
B2-1000	Demolition of Existing Squatter		-		
B2-1010	Removal of Existing Gabion Wall at Part B	7 26JA	$\rightarrow$		
B2-1020	Removal of Existing Armour Rock at Part B	7 02FEB21A	:B21A 08FEB21A		
Ground Investigation R2-2000   Mot	igation   Mobilization of Drilling Big	28 IAN21 A	4 12N 51 50 1 5 N 51 5 N	T	
B2-2010	Pre-drilling (13 Nos. Drillholes)	48 30JAN21 A	+	T	
Pipe Pile Wall					
B2-3000	Mobilization of Piling Plant	7 14JL	14JUN21 A 20JUN21 A		
B2-3010	Installation of Silt Curtain	7 14JUN21A	14JUN21 A 20JUN21 A		
				1	

Act ID	Orig Early Total 2020 Dur Start Finish Float DEC JAN FEB MAR APR MAY JUN JUL	2021 NI JUL AUG SEP OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR APR MAY JUN
B2-3030 Construction of Capping Beam & Panel Wall	35 15AUG22 18SEP22 -75d	
Socketted Steel H-piles  R2-4000   Mobilization of Piline Plant	4 CSNON23 A D5NOV21 A	7
	06NOV21 A	
B2-4020 Construction of Main Piles (34 Nos.)	108 09NOV21A 24FEB22A	
B2-4030 Grouting of Main Piles (34 Nos.)	38 08APR22 A 16MAY22 A	
B2-4100 Setup of Pile Testing Equipment	4 21MAR22 A 24MAR22 A	
	$\vdash$	
	-	
B2-4210   Post-construction Proof Drilling (4 NoS.)	14 21MAY22 A 10JUN22 A	
oregoing and Sloping Seawaii  82-5000   Mobilization of Excavation Plant	5 05NOV21A 09NOV21A	
	13SEP21A 22SEP21A	
B2-5300 Placing of Levelling Stones	70 12AUG22 20OCT22 86d	
	26AUG22 03NOV22	
B2-5320 Placing of Rock Armours	70 02SEP22 10NOV22 86d	
eawall		
	28APR22 A 11MAY22 A	
	15JUL22	
	12MAY22 A	
	22JUL22	
B2-6210 R.C. Wall w/ Granite Facing (Bay 2)	14 24AUG22 06SEP22 226d	
B2-6220 Backfilling behind R.C. Wall	10 07SEP22 16SEP22 226d	
B2-6400 Placing of Rock Armours (Bay 1)	18JUL22	
B2-6410 Placing of Rock Armours (Bay 2)	21 03AUG22 23AUG22 -77d	
ructure		
	16APR22 A 06MAY22 A	
B2-6600 Cast in-situ Pile Cap (PB13)	28 15AUG22 11SEP22 231d	
teps a		
	11NOV22 25DEC22	
D2-7010 Illistaliation of Discost Cowel Blacket	44NOV22 23DEC22	
	44PF000 00FFB00	
	11DEC22 23FEB23	
B2-7110	11DEC22 23FEB23	
DZ-1200 Installation of Dranast Dames	+	
	13APR23	
	14APR23 20APR23	
Vorks		
B2-8000 Installation of Corrosion Monitoring System	60 21APR23 19JUN23 -71d	
B2-8010 Testing of Comosion Monitoring System	20JUN23 10JUL23	
B2-8100 Installation of Fender System	75 21APR23 04JUL23 86d	
B2-8200 Installation of Cathodic Protection System	14JUN23 04JUL23	
B2-8300 Installation of Mooring Bollards	21 21APR23 11MAY23 -11d	
	28JUN23 11JUL23	
B2-8500 Installation of Marine Notice Board	7 28JUN23 04JUL23 65d	
B2-8510 Installation of Structure Nr Plate & Info Plate	7 28JUN23 04JUL23 65d	
B2-8600 Vacation of Site Area	14 12JUL23 25JUL23 86d	
o. 3 – Breakwater		
ill No. 3 - Breakwater		
0		

				SI.	truction of Lei Yue Mun Public Landing Facility	nding Facility				
Act ID	Description	Orig Dur	Early Early Start Finish	Total 2020 Float DEC JAN FEB M	2021 MAR APR MAY JUN JUL	. AUG SEP OCT NOV DEC JAN	FEB MAR APR	2022 MAY JUN JUL AUG SEP OCT N	2023 NOV DEC JAN FEB MAR APR MAY	Y JUN JUL
	Pre-drilling (8 Nos. Drillholes)	33 11	11JUN21A   13JUL21A							
emporary Webs. B3-1000	Vorking Platform   Installation of Silt Curtain	3 04	04NOV21 A   06NOV21 A			1				
B3-1100	Submission of Temporary Works Design									
B3-1200	Installation of Temporary Piles		28DEC21A 20JAN22A							
B3-1210	Installation of Temporary Working Platform		31DEC21A 29JAN22A							
Socketted Ste	Steel H-piles   Mobilization of Diling Plant	7 111	11MAP22 A 17MAP22 A							
B3-3010	Construction of Preliminary Piles		-				1			
B3-3020	Construction of Main Piles (34 Nos.)		+	-19			1			
B3-3100	Setup of Pile Testing Equipment		06JUL22 10JUL22	p)-						
B3-3110	Pile Load Test (2 Nos.)	20 1	11JUL22 30JUL22	-10				1		
B2-4000	Structure   Madification of Tamporary Working Platform	7 3	3111122 06411622	7						
B3-4100	Cast In-situ Pile Caps (PB14 & PB15)			2 2						
B3-4110	Cast In-situ Breakwater Tip Pile Cap (BW2)			-19						
B3-4200	Installation of Precast Frame Units (BW1)		$\vdash$	Pļ-					1	
B3-4210	Installation of Precast Frame Unit (BW3)		07JAN23 20JAN23	Pļ-						
B3-4300	Cast In-situ Stitching Joint			-1d						
B3-4400	Removal of Temporary Working Platform	21 18	18MAR23 07APR23	-1d						
<	orks		H							
B3-5000	Installation of Corrosion Monitoring System		-	p. ;						
B3-5010	lesting of Corrosion Monitoring System		+	p. ;						
B3-5100	Installation of Navigation Light Post			p. ;						
B3-3200	Vacation of Site Area	77 01 1	ZZAPKZS UTIMAYZS	DI-						
ovement	INO. 4 - LOGNOU FOIN and Viewing Flationiii Improvement Works at Lookout Point									
B4-1000	Demolition of Existing Wall	7 10	10MAY21 A 16MAY21 A		<b>1</b>					
B4-1100	Levelling of Existing Beach	14 17	$\vdash$							
B4-1200	Mobilization of Piling Plant	4 07	-							
B4-1210	Installation of Pipe Piles (40 Nos.)	74 11	-							
B4-1220	Trimming of Pipe Piles for Wall Openings	7 16	-							
B4-1230	Infill Grouting of Pipe Piles	7 09	-							
B4-1280	Demobilization and Site Preparation	_	-							
B4-1290	Excavation and Placing of Concrete Blinding		_							
B4-1300	Casting of Skin Wall		-							
		0 13	13MAR22 A   19MAR22 A							
EA 2000	Delegation of Existing Cabion Placks	2 10	10CED21 A 15CED21 A							
B4-2010	Temporary Modification of Existing Drainage									
B4-2100	Mobilization of Piling Plant	_	+							
B4-2110	Installation of Pipe Piles (30 Nos.)	47 25								
B4-2120	Infill Grouting of Pipe Piles	_	+							
B4-2130	Demobilization and Site Preparation	171 01	17DEC21 A 26DEC21 A							
B4-2200	Excavation to Formation Level	20 19	19JAN22 A 07FEB22 A							
B4-2210	Placing of Levelling Stones	2 08	08FEB22 A 09FEB22 A				1			
B4-2219	Precasting of Seawall Blocks	35 22	22DEC21 A 25JAN22 A							
B4-2220	Installation of Seawall Blocks	2 10	10FEB22 A 11FEB22 A							
B4-2221	Precasting of Concrete Backing w/ Granite Facing	39 22	22DEC21 A 29JAN22 A							
B4-2230	Placing of Concrete Blinding	2 21					77			
B4-2240	Installation of Concrete Backing	2 21	21FEB22 A 22FEB22 A				1			
B4-2250	Cast in-situ Concrete Coping	8 01	01MAR22 A 08MAR22 A				1			
B4-2260	Installation of Geotextile Filter	2 22	22FEB22 A 23FEB22 A				7			
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SS J521 SSJ521- Short Term Program for Completion

		Items	oustanding	day	Completed date
1	concrete works	viewing platform and its kerb	√	14	8/8/2022
		concrete ramp to beach	√	12	15/8/2022
		backfill and modify beach profile	√	7	30/8/2022
2	metal works	all structural steel works	√	30	23/8/2022
		all balustrades	√	21	13/8/2022
		alu panel	√	21	23/8/2022
		garden handrails	√	14	10/8/2022
		painting touch up	√	10	23/8/2022
2	g . 1	1.0		1.4	10/0/2022
3	finishes	viewing platform - grano	√ '	14	18/8/2022
		viewing platform - floor tiling	√ /	40	26/8/20225
		garden - grano	V	14	18/8/2022
		meter room painting	V	4	5/8/2022
4	drainage	all ug manhole and duct	<b>√</b>	10	5/8/2022
•		channel cover	√	7	16/8/2022
		matching cover	V	7	16/8/2022
5	equipment	braille map	√	150	Dec-22
		garden signage	√	30	16/8/2022
		playground equipment	√	7	10/8/2022
		pergola top	√	14	10/8/2022
		safety mat	√	7	19/8/2022
6	landscape	outside site boundary	√	7	12/8/2022
J		within site boundary	√	7	19/8/2022
7	BS installation	wind turbine installation	√	10	12/8/2022
		all lighting	√	14	19/8/2022
		all plumbing	√	14	19/8/2022
8	clearance	water barrier removal	V	3	6/9/2022
o	Cicaranice	concrete hoarding removal	V	<u>3</u> 	9/9/2022
		concrete notating temoval	V	,	3/3/2022