

JOB NO.: TCS00975/18

CEDD CONTRACT AGREEMENT NO. EDO/04/2018 - ENVIRONMENTAL TEAM FOR CROSS BAY LINK, TSEUNG KWAN O

QUARTERLY ENVIRONMENTAL MONITORING AND AUDIT (EM&A) SUMMARY REPORT

(MARCH TO MAY 2022)

PREPARED FOR
CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT
(CEDD)

Date Reference No. Prepared By Certified By

1 August 2022 TCS00975/18/600/R0638v2

Martin Li Tam Tak Wing (Environmental Consultant) (Environmental Team Leader)

Version	Date	Remarks
1	15 July 2022	First Submission
2	1 August 2022	Amended As Per IEC's comment on 1 August 2022



Acuity Sustainability Consulting Limited Nature & Technologies (HK) Limited Joint Venture



Our ref: PL-202208002

AECOM Asia Company Limited 8/F., Grand Central Plaza, Tower 2 138 Shatin Rural Committee Road Shatin, New Territories, Hong Kong

Attention: Mr. Conrad NG

2 August 2022

Dear Sir,

Contract No. NE/2017/07 & NE/2017/08 Cross Bay Link, Tseung Kwan O Quarterly EM&A Report for March to May 2022

I refer to the email of the ET concerning the Quarterly EM&A Report for March to May 2022 (Version 2) with Ref. No. TCS00975/18/600/R0638v2. We have no adverse comment on it and verify the captioned monthly report according to Conditions 1.9 and 4.4 of Environmental Permit with No. EP-459-2013.

Yours faithfully,

Li Wai Ming Kevin

Independent Environmental Checker

cc. Mr. T.W. TAM (ETL)

Ms. Sheri S.Y. LEUNG (CEDD)



EXECUTIVE SUMMARY

- ES01 Civil Engineering and Development Department (hereafter referred as "CEDD") is the Project Proponent and the Permit Holder of the Project Cross Bay Link, Tseung Kwan O (hereinafter referred as "the Project") which is a Designated Project to be implemented under Environmental Permit number EP-459/2013 (hereinafter referred as "the EP-459/2013" or "the EP").
- ES02 AUES was awarded the CEDD Contract Agreement No. EDO/04/2018 Environmental Team for Cross Bay Link, Tseung Kwan O (hereinafter called "the Service Contract"). The Services under the Service Contract is to provide environmental monitoring and audit (EM&A) services for the Works Contracts pursuant to the requirement of Environmental Team (ET) under the Approved EM&A Manual to ensure that the environmental performance of the Works Contracts comply with the requirement specified in the EM&A Manual and EIA Report of Agreement No. CE 43/2008 (HY) Cross Bay Link, Tseung Kwan O Investigation and other relevant statutory requirements.
- ES03 This is the 14th Quarterly EM&A report presenting the monitoring results and inspection findings for the reporting period from 1 March 2022 to 31 May 2022 (hereinafter 'the Reporting Period').

ENVIRONMENTAL MONITORING AND AUDIT ACTIVITIES

ES04 Environmental monitoring activities under the EM&A program in this Reporting Period are summarized in the following table.

Table ES-4 Summary Environmental Monitoring Activities Undertaken in the Reporting Period

Issues	Enviro	Sessions	
Air Quality	1-Hour TSF	102	
Air Quality	24-Hr TSP		34
	Leq (30min		42
Construction Noise		Evening ^(Note 1)	0
	Leq (5min) Night ^(Note 1)		0
Water Quality	Marine Wat	Marine Water Sampling ^(Note 2) (Note 3)	
	Contract 1	ET Regular Environmental Site Inspection	13
Inspection / Audit		Joint site audit with Project Consultant and IEC	3
hispection / Audit	G 1 12	ET Regular Environmental Site Inspection	13
	Contract 2	Joint site audit with Project Consultant and IEC	3

Note 1 Total sessions are counted by every 3 consecutive Leg5min

BREACH OF ACTION AND LIMIT (A/L) LEVELS

ES05 No air quality monitoring exceedance was recorded in this Reporting Period. For construction noise monitoring, two noise complaints were recorded in this Reporting Period. The statistics of environmental exceedance and investigation of exceedance are summarized in the following table.

Note 2 Total sessions are counted by monitoring days

Note 3 Since the marine construction works that requires marine water quality monitoring as stated in the EM&A Manual were completed, the impact water quality monitoring was ceased with effect from 1 May 2020.



Table ES-5 Summary Environmental Monitoring Parameter Exceedance in the Reporting Period

Environmental	Monitoring	Action	Limit	Event & Action		
Issues			Investigation Results	Corrective Actions		
Air Quality	1-Hour TSP	0	0	-		
All Quality	24-Hr TSP	0	0	-		
	Leq _{30min} Daytime	2	0	Not Project Related		
Construction Noise	Leq _{5min} Evening	0	0			
	Leq _{5min} Night	0	0			
Water Quality	DO	0	0			
Water Quality (Marine Water)	Turbidity	0	0			
(Marine Water)	SS	0	0			

ENVIRONMENTAL COMPLAINT

ES06 Three (3) environmental complaints were recorded in this Reporting Period for the Project. The statistics of environmental complaint are summarized in the following table.

Table ES-6 Summary Environmental Complaint Records in the Reporting Period

Deporting		Environn	Related with		
Reporting Period	Contract	Frequency	Cumulative	Complaint Nature	the Works Contract(s)
1.14 1 2022	1	2	27	Noise	Not related
1 March 2022 – 31 May 2022	2	1	17	Water	Not Project Related

NOTIFICATION OF SUMMONS AND SUCCESSFUL PROSECUTIONS

ES07 No environmental summons or prosecutions was received in this Reporting Period for the Project. The statistics of environmental summons or prosecutions are summarized in the following tables.

Table ES-7 Summary Environmental Summons Records in the Reporting Period

Danauting		Environn	Related with		
Reporting Period	Contract	Frequency	Cumulative	Complaint Nature	the Works Contract(s)
1 March 2022 –	1	0	0	NA	NA
31 May 2022	2	0	0	NA	NA

Table ES-8 Summary Environmental Prosecutions Records in the Reporting Period

Donorting		Environm	Related with		
Reporting Period	Contract	Frequency	Cumulative	Complaint Nature	the Works Contract(s)
1 March 2022 –	1	0	0	NA	NA
31 May 2022	2	0	0	NA	NA

CEDD Contract Agreement No. EDO/04/2018 -Environmental Team for Cross Bay Link, Tseung Kwan O Quarterly EM&A Summary Report (March to May 2022)



SITE INSPECTION BY EXTERNAL PARTIES

ES08 No site inspection was undertaken by EPD and AFCD within the Reporting Period.



Table of Contents

1.	INTRODUCTION		5
	1.1 PROJECT BACKGE 1.2 REPORT STRUCTU		5 5
2.	PROJECT ORGANIZATIO 2.1 PROJECT ORGANI 2.2 CONSTRUCTION F	ON AND CONSTRUCTION PROGRESS AND SUBMISSION ZATION	6 6 6
3.	REQUIREMENTS 3.1 GENERAL 3.2 MONITORING PAR 3.3 MONITORING LOG 3.4 MONITORING FRE		7 7 7 7 8 9
4.	4.2 RESULTS OF CONS	RESULT QUALITY MONITORING IN THE REPORTING MONTH STRUCTION NOISE MONITORING ER QUALITY MONITORING	11 11 11 31
5.	WASTE MANAGEMENT 5.1 GENERAL WASTE 5.2 RECORDS OF WAS		13 13 13
6.	SITE INSPECTION 6.1 REQUIREMENTS 6.2 FINDINGS / DEFICE	TIENCIES DURING THE REPORTING MONTH	14 14 14
7.	 LANDFILL GAS MONITO 7.1 GENERAL REQUIR 7.2 LIMIT LEVELS AN 7.3 LANDFILL GAS M 	REMENT D EVENT AND ACTION PLAN	15 15 15 15
8.		PLAINT AND NON-COMPLIANCE COMPLAINT, SUMMONS AND PROSECUTION	17 17
9.	IMPLEMENTATION STATE 9.1 GENERAL REQUIRE	ΓUS OF MITIGATION MEASURES REMENTS	18
10.	10.1 CONCLUSIONS AND RECOMMENDATIONS 10.2 RECOMMENDATIONS		19 19 19



LIST OF TABLES

TABLE 3-1	SUMMARY OF EM&A REQUIREMENTS
TABLE 3-2	DESIGNATED AIR QUALITY MONITORING LOCATION RECOMMENDED IN EM&A MANUAL
TABLE 3-3	DESIGNATED CONSTRUCTION NOISE MONITORING LOCATION RECOMMENDED IN EM&A MANUAL
TABLE 3-4	DESIGNATED AND INTERIM ALTERNATIVE LOCATION FOR AIR QUALITY AND NOISE MONITORING IN THE REPORTING PERIOD
TABLE 3-5	LOCATION OF WATER QUALITY MONITORING STATION
TABLE 3-6	ACTION AND LIMIT LEVELS FOR AIR QUALITY
TABLE 3-7	ACTION AND LIMIT LEVELS FOR CONSTRUCTION NOISE
TABLE 3-8	ACTION AND LIMIT LEVELS FOR WATER QUALITY
TABLE 4-1	SUMMARY OF AIR QUALITY IMPACT MONITORING RESULTS
TABLE 4-2	SUMMARY OF DAYTIME CONSTRUCTION NOISE IMPACT MONITORING RESULTS
TABLE 4-3	SUMMARY OF EVENING TIME CONSTRUCTION NOISE IMPACT MONITORING RESULTS
TABLE 4-4	SUMMARY OF NIGHT TIME CONSTRUCTION NOISE IMPACT MONITORING RESULTS
TABLE 5-1	SUMMARY OF QUANTITIES OF INERT C&D MATERIALS
TABLE 5-2	SUMMARY OF QUANTITIES OF C&D WASTES
TABLE 6-1	SUMMARY OF SITE OBSERVATIONS OF CONTRACT 1
Table 6-2	SUMMARY OF SITE OBSERVATIONS OF CONTRACT 2
Table 7-1	ACTIONS IN THE EVENT OF LANDFILL GAS BEING DETECTED IN EXCAVATIONS
TABLE 8-1	STATISTICAL SUMMARY OF ENVIRONMENTAL COMPLAINTS
TABLE 8-2	STATISTICAL SUMMARY OF ENVIRONMENTAL SUMMONS
TABLE 8-3	STATISTICAL SUMMARY OF ENVIRONMENTAL PROSECUTION
TABLE 9-1	ENVIRONMENTAL MITIGATION MEASURES IN THE REPORTING PERIOD

LIST OF APPENDICES

APPENDIX A	PROJECT LAYOUT PLAN
APPENDIX B	PROJECT ORGANIZATION CHART & CONTACT DETAILS OF KEY PERSONNEL
APPENDIX C	3-MONTH ROLLING CONSTRUCTION PROGRAM
APPENDIX D	MONITORING LOCATION (AIR QUALITY, NOISE AND WATER QUALITY)
APPENDIX E	GRAPHICAL PLOTS OF MONITORING RESULTS
APPENDIX F	METEOROLOGICAL INFORMATION
APPENDIX G	WASTE FLOW TABLE
APPENDIX H	COMPLAINT SUMMARY
APPENDIX I	IMPLEMENTATION SCHEDULE FOR ENVIRONMENTAL MITIGATION MEASURES (ISEMM)



1. INTRODUCTION

1.1 PROJECT BACKGROUND

- 1.1.1 Civil Engineering and Development Department (hereafter referred as "CEDD") is the Project Proponent and the Permit Holder of the Project Cross Bay Link, Tseung Kwan O (hereinafter referred as "the Project") which is a Designated Project to be implemented under Environmental Permit number EP-459/2013 (hereinafter referred as "the EP-459/2013" or "the EP").
- 1.1.2 AUES was awarded the CEDD Contract Agreement No. EDO/04/2018 Environmental Team for Cross Bay Link, Tseung Kwan O (hereinafter called "the Service Contract"). The Services under the Service Contract is to provide environmental monitoring and audit (EM&A) services for the Works Contracts pursuant to the requirement of Environmental Team (ET) under the Approved EM&A Manual to ensure that the environmental performance of the Works Contracts comply with the requirement specified in the EM&A Manual and EIA Report of Agreement No. CE 43/2008 (HY) Cross Bay Link, Tseung Kwan O Investigation and other relevant statutory requirements.
- 1.1.3 As part of the EM&A programme, baseline monitoring shall be undertaken before the Project construction work commencement to determine the ambient environmental condition. The baseline air quality, background noise and water quality monitoring has been carried out between 21st September 2018 and 13th November 2018 at the designated and interim locations. The baseline monitoring report under the EP-459/2013 has been compiled by the ET and verified by Independent Environmental Checker (hereinafter the "IEC") prior submitted to EPD on 19th November 2018 for endorsement.
- 1.1.4 This is the 14th Quarterly EM&A report presenting the monitoring results and inspection findings for the reporting period from 1 March 2022 to 31 May 2022 (hereinafter 'the Reporting Period').

1.2 REPORT STRUCTURE

Section 7

1.2.1 The Environmental Monitoring and Audit (EM&A) Monthly Report is structured into the following sections:-

Section 1	Introduction
Section 2	Project Organization and Construction Progress
Section 3	Summary of Impact Monitoring Requirements
Section 4	Impact Monitoring Results
Section 5	Waste Management
Section 6	Site Inspections

Section 8 Environmental Complaints and Non-Compliance
Section 9 Implementation Status of Mitigation Measures

Section 10 Conclusions and Recommendations

Landfill Gas Monitoring



2. PROJECT ORGANIZATION AND CONSTRUCTION PROGRESS AND SUBMISSION

2.1 PROJECT ORGANIZATION

2.1.1 The project organization is shown in *Appendix B*. The responsibilities of respective parties can be referred to Monthly Report.

2.2 CONSTRUCTION PROGRESS

2.2.1 3-month rolling construction program of each Works Contract is enclosed in *Appendix C*; and the major construction activities undertaken in the Reporting Period is presented in below sub-sections.

Contract 1 (Contract No. NE/2017/07)

- 2.2.2 The major construction activities of Contract 1 undertaken in this Reporting Period are:-
 - Precast segment fabrication, shell installation for Portion I.
 - Erection for bridge segment for Main Bridge at Portion I
 - Piling Work for Portion I.
 - E&M work and External Work at Portion V.
 - Touch up paining and painting of east and west side spans ring weld.
 - Welding of L3 parapet base plated on steel bridge.
 - Waterproofing works for division area, footpath area and cycle track area for steel bridge.
 - Top tension and transverse tension, bottom tension, and external tension at Portion II.
 - Construction of long stitching and planter wall at Portion II.
 - Concrete surrounding for ducting at Portion II.

Contract 2 (Contract No. NE/2017/08)

- 2.2.3 The major construction activities of Contract 2 undertaken in this Reporting Period are:-
 - UU Diversion
 - Road Work along Wan Po Road
 - Excavation and Demolition of existing wave wall at Portion I
 - Monitoring and Instrumentation works
 - RC construction for U-trough at Portion III, parapet at elevated deck
 - RC construction for lift shaft and stair case
 - TCSS Cross road ducts installation at Wan Po Road
 - Modification of Type 1 Wave wall
 - Drainage work at Portion I, III
 - RC Construction of foundation at Wan O Road
 - Deck construction at cycle track ramp
 - Utilities installation along At Grade Road
 - SENB installation at At-Grade Road, Portion III, U-trough

2.3 SUMMARY OF ENVIRONMENTAL SUBMISSIONS

- 2.3.1 All the documents required under Environmental Permit No. EP-459/2013 were submitted within the required timeframe. The details can be referred to the Monthly Report.
- 2.3.2 Upon completed baseline monitoring, a Baseline Monitoring Report was verified by IEC on 19 November 2018 and submitted to EPD on that day for endorsement.
- 2.3.3 The notification of Project dedicated web site to EPD was made on 9 January 2019 (http://www.envcbltko.hk/).



3. SUMMARY OF ENVIRONMENTAL MONITORING PROGRAMMES AND REQUIREMENTS

3.1 GENERAL

3.1.1 The Environmental Monitoring and Audit Programmes and requirements are set out in the Approved EM&A manual. Environmental issues such as air quality, construction noise and water quality were identified as the key issues during the construction phase of the Project. A summary of EM&A programmes and requirements are presented in the sub-sections below.

3.2 MONITORING PARAMETERS

3.2.1 Monitoring parameters of air quality, noise and water quality are summarized in *Table 3-1*.

Table 3-1 Summary of EM&A Requirements

Environmental Issue	Parameters				
Air Quality	• 1-hour TSP by Real-Time Portable Dust Meter; and				
All Quality	• 24-hour TSP by High Volume Air Sampler				
	• Leq (30min) in six consecutive Leq(5 min) between 07:00-19:00 on normal				
Noise	weekdays				
Noise	$ullet$ Supplementary information for data auditing, statistical results such as L_{10} and L_{90}				
	shall also be obtained for reference.				
	• In-situ measurement – Dissolved Oxygen (DO) concentration (mg/L) &				
Water Quality	saturation (%), pH, Salinity (mg/L), Temperature (°C) and Turbidity (NTU); and				
	 Laboratory analysis – SS (mg/L) 				

3.3 MONITORING LOCATIONS

Air Quality and Construction Noise

3.3.1 According to the Approved EM&A Manual Section 5.4 and Section 6.3, three (3) representative air sensitive receivers (ASR) and four (4) representative noise sensitive receivers were designated as monitoring stations. The designated air quality and noise monitoring locations are listed in *Table 3-2* and *Table 3-3*, and illustrated in *Appendix D*.

Table 3-2 Designated Air Quality Monitoring Location recommended in EM&A Manual

ID	Location in the EM&A Manual	Currently Situation
AM1	Tung Wah Group of Hospitals Aided Primary School & Secondary School	Not yet construct
AM2	Lohas Park Stage 2 (Planned Development in Area 86)	Available for resident occupation in February 2021
AM3	Lohas Park Stage 3 (Planned Development in Area 86)	Under Construction

Table 3-3 Designated Construction Noise Monitoring Location recommended by EM&A Manual

ID	Location	Currently Situation	
CNMS-1	Lohas Park Stage 1(Planned Development in Area 86, Package 5) (Southeast facade)	Available for resident occupation in November 2019	
CNMS-2	Lohas Park Stage 1 (Planned Development in Area 86, Package 6) (Southeast facade)	Available for resident occupation in February 2021	
CNMS-3	Lohas Park Stage 3 (Planned Development in Area 86,Package 11) (West facade) Under Construction		
CNMS-4	Tung Wah Group of Hospitals Aided Primary School & Secondary School (Southwest facade)	Not yet construct	

3.3.2 As observed and confirmed by ET and IEC during the joint site visit on 29th August 2018, the designated air quality and noise monitoring locations are under construction or yet to construct. It is considered that these designated locations are not appropriate to perform air quality and noise



monitoring. In this regard, alternative locations were proposed as interim arrangement to carry out air quality and noise monitoring before occupation of the designated monitoring location. A letter enclosed with the alternative location proposal and IEC verification (Our Ref: TCS00975/18/300/L0038) was sent to EPD on 19th October 2018 and the proposal was agreed by EPD. Therefore, air quality and construction noise impact monitoring would be performed at the agreed alternative locations until the designated sensitive receivers occupied and granted the premises.

3.3.3 The designated and interim alternative monitoring location for impact air quality and noise monitoring in the Reporting Period are summarized in Table 3-4 and illustrated in *Appendix D*.

Table 3-4 Designated and interim alternative location for air quality and noise monitoring in the Reporting Period

Location ID	Monitoring Parameter	Location
AM2	1-Hour TSP Air Quality	Lohas Park Phase 6
AM4	1-Hour TSP Air Quality	Podium of Lohas Park Phase 2A (Le Prestige)
AM5	24-Hour TSP Air Quality	Boundary of Site Office near Junction of Wan Po Road and Wan O Road
CNMS-1	Noise (L _{eq} , L ₁₀ & L ₉₀)	Podium of Lohas Park Package 4
CNMS-2	Noise (L _{eq} , L ₁₀ & L ₉₀)	Lohas Park Package 6
CNMS-5	Noise (L _{eq} , L ₁₀ & L ₉₀)	Podium of Lohas Park Phase 2A (Le Prestige)

Remark:

Water Quality

3.3.4 According to Table 7.1 of the approved EM&A Manual Section 7.4, two Control Stations (C3 & C4), six (6) sensitive receivers (CC1, CC2, CC3, CC4, CC13 & SWI1) and one (1) Gradient station (I1) are recommended to perform water quality monitoring. Details and coordinate of these water quality monitoring stations are described in *Table 3-5* and the locations is shown in *Appendix D*.

 Table 3-5
 Location of Water Quality Monitoring Station

Station	Coord	linates	Description
Station	Easting	Northing	Description
CC1	843201	816416	Sensitive Receiver – Coral Sites at Chiu Keng Wan
CC2	844076	817091	Sensitive Receiver – Coral Sites at Junk Bay
CC3	844606	817941	Sensitive Receiver – Coral Sites at Junk Island
CC4	845444	815595	Sensitive Receiver – Coral Sites at Fat Tong Chau West
CC13	844200	817495	Sensitive Receiver – Coral Sites at Junk Bay near Chiu Keng Wan
SWI1	845512	817442	Sensitive Receiver – Tseung Kwan O Salt Water Intake
C3	843821	816211	Control Station (Ebb Tide) – within Junk Bay
C4	844621	815770	Control Station (Flood Tide) – within Junk Bay
I1	844602	817675	Gradient Station – in between Lam Tin Tunnel (LTT) and CBL

3.4 MONITORING FREQUENCY AND PERIOD

3.4.1 To according with the approved *EM&A Manual*, impact monitoring requirements are presented as follows.

Air Quality Monitoring

- 3.4.2 Air quality impact monitoring frequency is as follows:
 - Once every 6 days of 24-hour TSP and 3 times of 1-hour TSP monitoring; during course of works throughout the construction period.

^{1.} Since 24-Hour TSP Air Quality monitoring is not granted at AM4 Lohas Park Phase 2A, the 24-Hour TSP monitoring was therefore proposed at AM5 which is located at the boundary of the project site office.

^{2. 24-}Hour TSP Air Quality Monitoring at AM2 will be commenced once approval of High Volume Sampler installation was obtained from Lohas Park 6.



Construction Noise Monitoring

- 3.4.3 Construction noise monitoring frequency is as follows:
 - One set of Leq_(30min) measurements in a weekly basis between 07:00 and 19:00 hours on normal weekdays during course of works as throughout the construction period.
 - If construction works are extended to include works during the hours of 1900-0700, additional weekly impact monitoring shall be carried out during evening and night-time works. Applicable permits under the NCO shall be obtained by the Contractor.

Water Quality (Marine Water) Monitoring

- 3.4.4 Marine water impact monitoring frequency is as follows:
 - Three days a week, at mid ebb and mid flood tides during course of pile excavation works for the bridge pier foundations underway. Moreover, the intervals between 2 consecutive sets of monitoring day shall not be less than 36 hours.

3.5 DETERMINATION OF ACTION/LIMIT (A/L) LEVELS

3.5.1 The baseline results form the basis for determining the environmental acceptance criteria for the impact monitoring. A summary of the Action/Limit (A/L) Levels for air quality, construction noise and water quality are shown in *Tables 3-6*, 3-7 and 3-8 respectively.

Table 3-6 Action & Limit Levels of Air Quality (1-Hour & 24-Hr TSP)

Manitaring Station	Action Lev	vel (μg /m³)	Limit Level (μg/m³)		
Monitoring Station	1-Hour TSP	24-Hr TSP	1-Hour TSP	24-Hr TSP	
AM2	278	NA	500	NA	
AM4	278	NA	500	NA	
AM5	NA	190	NA	260	
Note: 1-Hour & 24-Hr TSP of Action Level = (Average Baseline Results \times 1.3 + Limit level)/2					

Table 3-7 Action and Limit Levels for Construction Noise, dB(A)

Monitoring Location	Action Level	Limit Level (Leq30min)			
ð	Time Period: 0700-1900 hours on normal weekdays				
CNMS-1 CNMS-2	When one or more documented complaints are received	75 dB(A)			
CNMS-5	Time Period: 1900-2300 hours on all days (Leq15min)				
	When one or more documented complaints are received	<i>55</i> dB(A)			

Remarks

- 1. Construction noise monitoring will be resumed at the designated locations CNMS-3 and CNMS4 once they are available and permission are granted;
- 2. The designated locations CNMS-3 is located at residential building which is still under construction, Limit Level of 75dB(A) will be adopted until they are occupied;
- 3. The designated location CNMS-4 is located at planned school and still not yet to construction. When the school occupied and operated, Limit Level of 70dB(A) should be adopted and should be reduced to 65dB(A) during examination period; and
- 4. If construction works are required during restricted hours, the conditions stipulated in the construction noise permit issued by the Noise Control Authority shall be followed.



Table 3-8 Action and Limit Levels for Water Quality

Table 3-0	Action and Limit Levels for water Quanty					
Monitoring	itoring Depth Average of SS (mg/L)					
Station	Acti	on Level	Li	imit Level		
CC1	7.8	OR 120% of	9.3	OR 130% of		
CC2	9.0	upstream control station at the same	9.2	upstream control station at the same		
CC3	8.2	tide of the same day (Control Station C3	9.0	tide of the same day (Control Station C3		
CC4	13.8	at Ebb tide and Control Station C4 at	15.4	at Ebb tide and Control Station C4 at		
CC13	8.9	Flood tide), whichever is higher	10.3	Flood tide), whichever is higher		
SWI1	8	mg/L		10 mg/L		
		Dissolved Oxy	gen (mg/L)			
Monitoring	Depth Average of S	Surface and Mid-depth		Bottom		
Location	Action Level	Limit Level	Action Leve	l Limit Level		
CC1	5.8	5.7	5.3	5.2		
CC2	5.8	5.7	5.3	5.1		
CC3	5.5	5.4	4.9	4.7		
CC4	5.7	5.7	5.5	5.4		
CC13	5.6	5.5	5.3	5.2		
SWI1	5.4	4.8	5.1	5.0		
Monitoring		Depth Average of T	urbidity (NTU	()		
Location	Acti	on Level	Li	imit Level		
CC1	5.8	OR 120% of	6.0	OR 130% of		
CC2	4.6	upstream control station at the same	5.5	upstream control station at the same		
CC3	4.8	tide of the same day (Control Station C3	5.4	tide of the same day (Control Station C3		
CC4	6.1	at Ebb tide and	7.1	at Ebb tide and		
CC13	6.0	Control Station C4 at Flood tide),	6.3	Control Station C4 at Flood tide),		
SWI1	6.1	whichever is higher	7.1	whichever is higher		

3.5.2 Should non-compliance of the environmental quality criteria occurs, remedial actions will be triggered according to the Event and Action Plan as stated EM&A Manual.



4. IMPACT MONITORING RESULT

4.1 RESULTS OF AIR QUALITY MONITORING IN THE REPORTING MONTH

- 4.1.1 As notified that Lohas Park Package 6 was available for resident occupation in late January 2021, air quality monitoring at designated monitoring location AM2 was therefore commenced in February 2021. Since the installation of High Volume Sampler for 24-Hour TSP monitoring is still under review by Property Management Team of Lohas Park Package 6, an interim alternative monitoring location AM2a was proposed for the 24-Hour TSP monitoring and was commenced on 13 July 2021 upon agreed by ER and IEC.
- 4.1.2 In the Reporting Period, 1-Hour TSP monitoring was performed at designated monitoring location AM2 and interim alternative monitoring locations AM4, and 24-Hr TSP of air quality monitoring was performed at interim alternative monitoring locations AM2a and AM5.
- 4.1.3 During the Reporting Period, 102 sessions of 1-hour TSP and 34 sessions of 24-hours TSP monitoring were carried out and the monitoring results are summarized in Table 4-1. The relevant graphical plots are shown in *Appendix E*.

1-hour TSP (µg/m³) 24-hour TSP (µg/m³) **Monitoring** Location Min Max Min Max Average Average 61 101 88 AM2 Record Date 2-Mar-22 8-Mar-22 51 events AM2a 25 117 53 Record Date 17-Feb-22 18-Mar-22 17 events 70 AM4 48 116 Record Date 6-Apr-22 14-Mar-22 51 events 125 AM5 14 65 Record Date 25-Apr-22 18-Mar-22 17 events

Summary of Air Quality Impact Monitoring Results Table 4-1

- As shown in *Table 4-1*, all the 1-hour TSP and 24-hour TSP monitoring results were below the 4.1.4 Action / Limit Levels. No Notification of Exceedance (NOE) was issued in this Reporting Period.
- 4.1.5 No adverse impact due to weather condition on the monitoring result was observed in reporting quarter. The summary of meteorological information for the Reporting Period is shown in Appendix F.

4.2 RESULTS OF CONSTRUCTION NOISE MONITORING

4.2.1 14 sessions of daytime construction noise monitoring were performed at the designated location CNMS-1, CNMS-2 and interim alternative monitoring location CNMS-5 respectively in the reporting period. The daytime noise monitoring results at designated location CNMS-1 and CNMS-2, and interim alternative monitoring location CNMS-5 are summarized in *Table 4-2*. The relevant graphical plots are shown in Appendix E.

Table 4-2 **Summary of Daytime Construction Noise Impact Monitoring Results**

Monitoring		Leq, 30min (dB((A))	
Location	Min	Max	Average
CNMS-1	60.4	73.9	62.1
Record Date	20-Apr-22	30-May-22	14 sessions
CNMS-2	53.4	69.5	60.9
Record Date	2-Mar-22	12-May-22	14 sessions
CNMS-5	58.6	70.0	63.0
Record Date	8-Mar-22	12-May-22	14 sessions



4.2.2 All the measured daytime construction noise results were below 75dB(A) of the limit level acceptance criteria.

4.3 RESULTS OF WATER QUALITY MONITORING

- 4.3.1 According to the approved EM&A Manual Section 7.6.1, the impact marine water quality monitoring work shall be carried out during the CBL piling and pile excavation works (marine construction activity) of the Project. Impact marine water quality monitoring was commenced in December 2018 when CBL piling and pile excavation works started.
- 4.3.2 As confirmed, all the marine piling and piling excavation work were completed in January 2020 and all pile cap installation work was completed in mid-March 2020. Due to the marine construction works that requires marine water quality monitoring as stated in the EM&A Manual were completed, the impact water quality monitoring was ceased with effect from 1 May 2020 and IEC has no particular comment on this arrangement.
- 4.3.3 No impact water quality monitoring was therefore carried out in the reporting period.



5. WASTE MANAGEMENT

5.1 GENERAL WASTE MANAGEMENT

5.1.1 Waste management would be carried out by an on-site Environmental Officer or an Environmental Consultant from time to time.

5.2 RECORDS OF WASTE QUANTITIES

- 5.2.1 All types of waste arising from the construction work are classified into the following:
 - Construction & Demolition (C&D) Material;
 - Chemical Waste; and
 - General Refuse
- 5.2.2 According to the information provided by Contractor of Contract 1 and Contract 2, waste disposal was made in the Reporting period are summarized in *Tables 5-1* and *5-2*.

Table 5-1 Summary of Quantities of Inert C&D Materials

Type of Waste	Contract		Quantity		Disposal
Type of waste	No	Mar 2022	Apr 2022	May 2022	Location
Total Generated C&D	1	0.306	0.126	0.054	TKO 137
Materials (Inert) (in '000m ³)	2	0.298	0.348	0.251	1KO 157
Reused in this Project (Inert)	1	0	0	0	-
(in '000m ³)	2	0	0	0	-
Reused in other Projects	1	0	0	0	-
(Inert) (in '000m ³)	2	0	0	0	-
Disposal as Public Fill	1	0.306	0.126	0.054	TKO 137
(Inert) (in '000m ³)	2	0.298	0.348	0.251	1KO 137
Imported Fill ('000m ³)	1	0	0	0	-
imported rin (000m²)	2	0.780	0.567	0.422	-

Table 5-2 Summary of Quantities of C&D Wastes

Type of Wests	Contract		Quantity		Disposal
Type of Waste	No	Mar 2022	Apr 2022	May 2022	Location
Daniel al Matel ((000lan)	1	0	0	0	
Recycled Metal ('000kg)	2	0	0	0] -
Recycled Paper /	1	0.163	0.182	0.194	Licensed
Cardboard Packing ('000kg)	2	0	0	0	collector
Decycled Plastic (1000lsa)	1	0	0	0	
Recycled Plastic ('000kg)	2	0	0	0	_
Chamical Wastes ('000lra)	1	0	0	0	
Chemical Wastes ('000kg)	2	0	0	0	_
Canaral Dafusas ('000m3)	1	0.750	0.552	0.600	NENT
General Refuses ('000m³)	2	0.072	0.067	0.110	NENT

5.2.3 The Monthly Summary Waste Flow Table of the Contracts 1 and Contract 2 are shown in *Appendix G*.



6. SITE INSPECTION

6.1 REQUIREMENTS

6.1.1 According to the approved EM&A Manual, the environmental site inspection shall be formulation by ET Leader. Weekly environmental site inspections should carry out to confirm the environmental performance.

6.2 FINDINGS / DEFICIENCIES DURING THE REPORTING MONTH

Contract 1

6.2.1 In this Reporting Period, *13* events of weekly joint site inspection was carried out for Contract 1 to evaluate site environmental performance. The summaries of the findings during site inspection are presented in *Table 6-1* and the details of site inspection can be found in relevant EM&A monthly report.

Table 6-1 Summary of Site Observations of the Contract 1

Reporting Period	Date of site inspection	Nos. of Findings/ Deficiencies	Follow-Up Status
March 2022	2, 9, 17, 23 & 31 March 2022	7	Completed
April 2022	6, 13, 20 & 27 April 2022	5	Completed
May 2022	4, 11, 20 & 25 May 2022	1	Completed

6.2.2 In the Reporting Period, no non-compliance was recorded for Contract 1; however, *13* observations were recorded during the site inspections and the major findings were related to water quality and chemical management mitigation measures. Details of the findings of the inspection in the reporting period can be referred to the Monthly EM&A Report. The findings found in the weekly site inspection were in general rectified within the specified deadlines. The environmental performance of the Project was therefore considered satisfactory.

Contract 2

6.2.3 In this Reporting Period, *13* events of weekly joint site inspection was carried out for Contract 2 to evaluate site environmental performance. The summaries of the findings during site inspection are presented in *Table 6-2* and the details of site inspection can be found in relevant EM&A monthly report.

Table 6-2 Summary of Site Observations of the Contract 2

Reporting Period	Date of site inspection	Nos. of Findings/ Deficiencies	Follow-Up Status
March 2022	2, 9, 17, 23 & 31 March 2022	3	Completed
April 2022	6, 13, 20 & 27 April 2022	3	Completed
May 2022	4, 11, 20 & 25 May 2022	1	Completed

In the Reporting Period, no non-compliance was recorded for Contract 2; however, 7 observations were recorded during the site inspections and the major findings were related to general housekeeping and chemical management mitigation measures. Details of the findings of the inspection in the reporting period can be referred to the Monthly EM&A Report. The findings found in the weekly site inspection were in general rectified within the specified deadlines. The environmental performance of the Project was therefore considered satisfactory.



7. LANDFILL GAS MONITORING

7.1 GENERAL REQUIREMENT

- 7.1.1 Pursuant to Section 13 of the Project's EM&A Manual, Landfill gas monitoring shall perform during construction activities within the 250m Consultation Zone of Tseung Kwan O Stage II & III Landfill. For landfill gas monitoring requirements, pre entry and routine measurement shall be undertaken in accordance with the *Factories and Industrial Undertaking (Confined Spaces) Regulation*.
- 7.1.2 According to Environmental Mitigation Implementation Schedule (EMIS) S14.7.6, portable monitoring equipment can be used to conduct landfill gas monitoring. Moreover, the frequency and areas to be monitored should be set down prior to commencement of the works either by the Safety Officer or by an appropriately qualified person.

7.2 LIMIT LEVELS AND EVENT AND ACTION PLAN

7.2.1 In event of the trigger levels specified in Table 14.6 of the EIA report being exceeded, a person, such as the Safety Officer, shall be nominated, with deputies, to be responsible for dealing with any emergency which may occur due to LFG. In an emergency situation the nominated person, or his deputies, shall have the necessary authority and shall ensure that the confined space is evacuated and the necessary works implemented for reducing the concentrations of gas. The Limit levels and relevant Action Plans for landfill gas detected in utilities and any on-site areas following construction is listed in *Table 7-1*.

Table 7-1 Actions in the Event of Landfill Gas Being Detected in Excavations

Parameter	Limit Level	Actions
	>10% LEL (i.e.	Post "No Smoking" signs
	>0.5% by volume)	Prohibit hot works
Methane		Ventilate to restore methane to <10% LEL
Methane	>20% LEL (i.e.	Stop excavation works
	>1% by volume)	Evacuate personnel/prohibit entry
		• Increase ventilation to restore methane to <10% LEL
	>0.5%	• Ventilate to restore carbon dioxide to <0.5%
Carbon	>1.5%	Stop excavation works
dioxide		Evacuate personnel/prohibit entry
		• Increase ventilation to restore carbon dioxide to <0.5%
	<19%	Ventilation to restore oxygen >19%
Ovvegon	<18%	Stop excavation works
Oxygen		Evacuate personnel/prohibit entry
		 Increase ventilation to restore oxygen to >19%

7.2.2 In the event of the trigger levels specified in Table 9-1 being exceeded, the Safety Officer shall be responsible for dealing with any emergency which may occur due to landfill gas.

7.3 LANDFILL GAS MONITORING

- 7.3.1 In the Reporting Period, landfill gas monitoring was conducted at the zone Wan O Road which excavation work of Contract 2 was carried out.
- 7.3.2 There were a total of 72 days monitoring were carried by the Safety Officer or an approved and qualified persons. The results of landfill gas measurement are summarized in *Table 7-2*.



TABLE 7-2SUMMARY OF LANDFILL GAS MEASUREMENT RESULTS

Landfill Gas	andfill Gas Action Level Limit Level		Detectable at LMR				
Parameter	Action Level	Limit Level	Min	Max			
Methane	>10% LEL (>0.5% v/v)	>20% LEL (>1% v/v)	0.0%	0.0%			
Oxygen	<19%	<18%	20.3%	21.1%			
Carbon Dioxide	>0.5%	>1.5%	0.0%	0.0%			

7.3.3 The measurement results shown that slightly methane concentration was detected, oxygen concentration measured was over 19.0 %. No exceedance was triggered and therefore no corrective action was required accordingly.



8. ENVIRONMENTAL COMPLAINT AND NON-COMPLIANCE

8.1 ENVIRONMENTAL COMPLAINT, SUMMONS AND PROSECUTION

8.1.1 In the Reporting Period, three (3) environmental complaints were received with respect to the noise nuisance and water quality arising from the Project. Besides, no summons and prosecution under the EM&A Programme was lodged for the project. The statistical summary table of environmental complaint is presented in *Tables 8-1, 8-2* and *8-3*. A summarized record of all complaints received was provided in *Appendix H*.

Table 8-1 Statistical Summary of Environmental Complaints

Donouting Dowlad	Contract	Environmental Complaint Statistics								
Reporting Period	Contract	Frequency	Cumulative	Complaint Nature						
1 – 31 March 2022		0	25	NA						
1 – 30 April 2022	1	1	26	Noise						
1 – 31 May 2022		1	27	Noise						
1 – 31 March 2022		0	16	NA						
1 – 30 April 2022	2	0	16	NA						
1 – 31 May 2022		1	17	Water						

Table 8-2 Statistical Summary of Environmental Summons

Donauting Davied	Contract	Environmental Complaint Statistics								
Reporting Period	Contract	Frequency	Cumulative	Complaint Nature						
1 – 31 March 2022		0	0	NA						
1 – 30 April 2022	1	0	0	NA						
1 – 31 May 2022		0	0	NA						
1 – 31 March 2022		0	0	NA						
1 – 30 April 2022	2	0	0	NA						
1 – 31 May 2022		0	0	NA						

Table 8-3 Statistical Summary of Environmental Prosecution

Donorting Doried	Contract	Environmental Complaint Statistics								
Reporting Period	Contract	Frequency	Cumulative	Complaint Nature						
1 – 31 March 2022		0	0	NA						
1 – 30 April 2022	1	0	0	NA						
1 – 31 May 2022		0	0	NA						
1 – 31 March 2022		0	0	NA						
1 – 30 April 2022	2	0	0	NA						
1 – 31 May 2022		0	0	NA						



9. IMPLEMENTATION STATUS OF MITIGATION MEASURES

9.1 GENERAL REQUIREMENTS

- 9.1.1 The environmental mitigation measures that recommended in the Implementation Schedule for Environmental Mitigation Measures (ISEMM) in the approved EM&A Manual covered the issues of dust, noise, water and waste and they are summarized presented in *Appendix I*.
- 9.1.2 The Contractors had been implementing the required environmental mitigation measures according to the Environmental Monitoring and Audit Manual subject to the site condition. Environmental mitigation measures generally implemented by the Contractors in this Reporting Month are summarized in *Table 9-1*.

Table 9-1 Environmental Mitigation Measures in the Reporting Period

1 able 9-1	Environmental Mitigation Measures in the Reporting Period
Issues	Environmental Mitigation Measures
Construction Noise	 Regularly to maintain all plants, so only the good condition plants were used on-site; If possible, all mobile plants onsite operation has located far from NSRs; When machines and plants (such as trucks) were not in using, it was switched off; Wherever possible, plant was prevented oriented directly the nearby NSRs; Provided quiet powered mechanical equipment to use onsite; Weekly noise monitoring was conducted to ensure construction noise meet the criteria.
Air Quality	 Stockpile of dusty material was covered entirely with impervious sheeting or sprayed with water so as to maintain the entire surface wet; The construction plants regularly maintained to avoid the emissions of black smoke;
	The construction plants switched off when it not in use;
	Water spraying on haul road and dry site area was provided regularly;
	Where a vehicle leaving the works site is carrying a load of dusty materials, the load has covered entirely with clean impervious sheeting; and Perform any whicle leaving the works site, wheel watering has been performed.
Water Quality	Before any vehicle leaving the works site, wheel watering has been performed. Deliver the site of the site
water Quality	Debris and refuse generated on-site collected daily;
	Oils and fuels were stored in designated areas;
	The chemical waste storage as sealed area provided;
	• Site hoarding with sealed foot were provided surrounding the boundary of working site to prevent wastewater or site surface water runoff get into public areas; and
	 Portable chemical toilets were provided on-site. A licensed contractor was regularly disposal and maintenance of these facilities.
	Silt curtain was installed and maintained in accordance with EP condition
Waste and	• Excavated material reused on site as far as possible to minimize off-site disposal.
Chemical	 Scrap metals or abandoned equipment should be recycled if possible;
Management	• Waste arising kept to a minimum and be handled, transported and disposed of in a suitable manner;
	• Disposal of C&D wastes to any designated public filling facility and/or landfill
	followed a trip ticket system; and
	• Chemical waste handled in accordance with the Code of Practice on the Packaging,
	Handling and Storage of Chemical Wastes.
General	The site is generally kept tidy and clean.Mosquito control is performed to prevent mosquito breeding on site.



10. CONCLUSIONS AND RECOMMENDATIONS

10.1 CONCLUSIONS

- 10.1.1 This is the 14th Quarterly EM&A report as presented the monitoring results and inspection findings for the reporting period from *I March* 2022 to 31 May 2022.
- 10.1.2 In the Reporting Period, two (2) action level exceedance for construction noise was recorded due to two (2) noise complaint was recorded. Investigations were undertaken by ET. The daytime construction noise action level exceedances triggered are unlikely due to the Project.
- 10.1.3 In this Reporting Period, no 1-Hour TSP or 24-Hr TSP air quality monitoring exceedance was recorded. No NOE or the associated corrective actions were therefore issued.
- 10.1.4 No water quality monitoring was carried out in the reporting period.
- 10.1.5 In the Reporting Period, three (3) environmental complaints were received with respect to the noise nuisance arising and water quality from the Project. Investigation for the complaints were undertaken by ET and it is considered that three complaints were not Project related.
- 10.1.6 No notification of summons or prosecution was received and recorded for the Project.

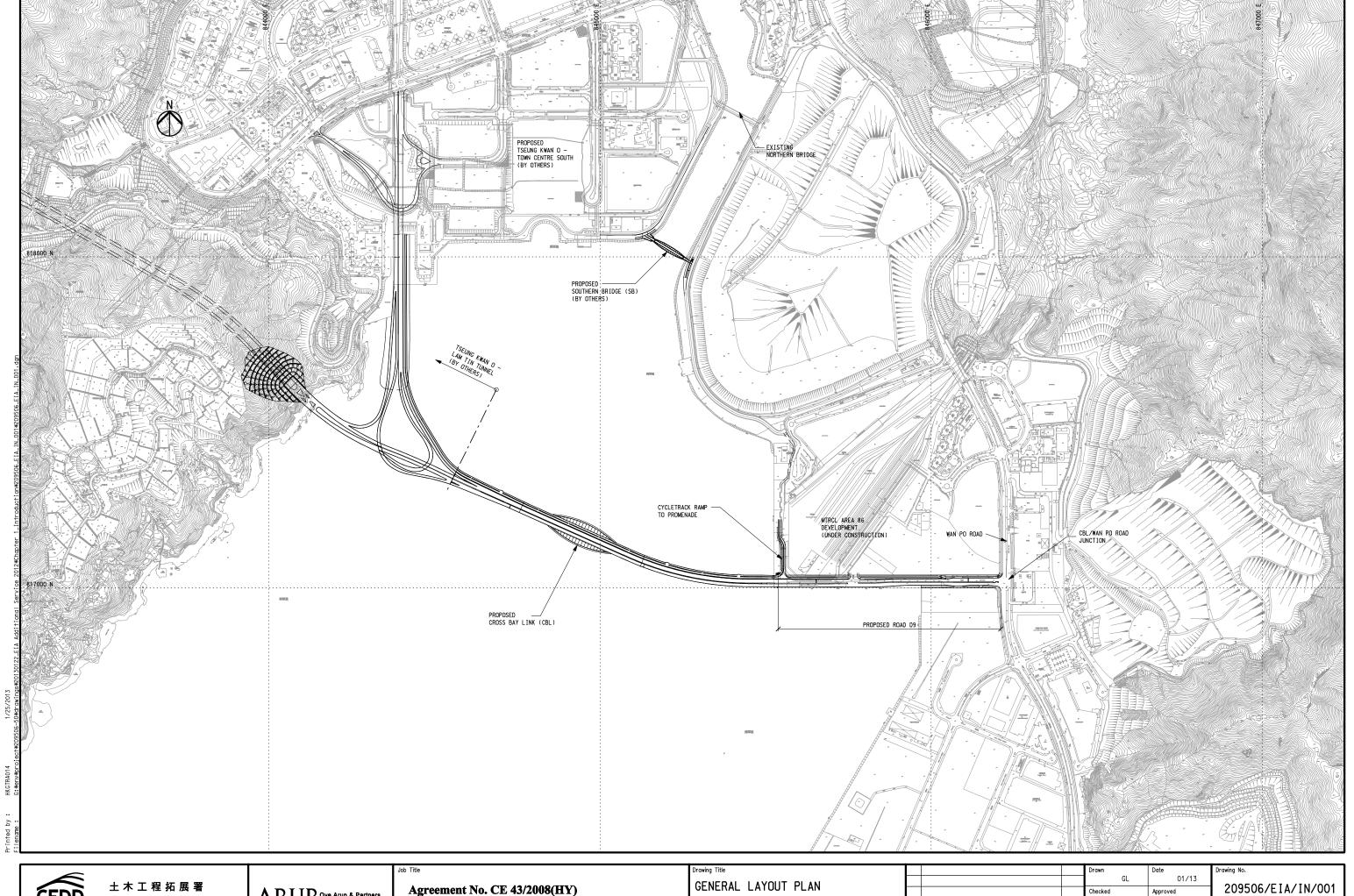
10.2 RECOMMENDATIONS

- 10.2.1 Due to wet season is approaching, the Contractor was reminded that all the works being undertaken must fulfill environmental statutory requirements and to paid attention to water quality mitigation measures to prevent surface runoff into nearby water bodies or public areas.
- 10.2.2 Construction noise would be the key environmental issue as Lohas Park Phase 4 & 6 were already available for resident occupation. The noise mitigation measures such as use of quiet plants and installation of temporary noise barrier at the construction noise predominate area should be fully implemented in accordance with the EM&A requirement.



Appendix A

Project Layout Plan

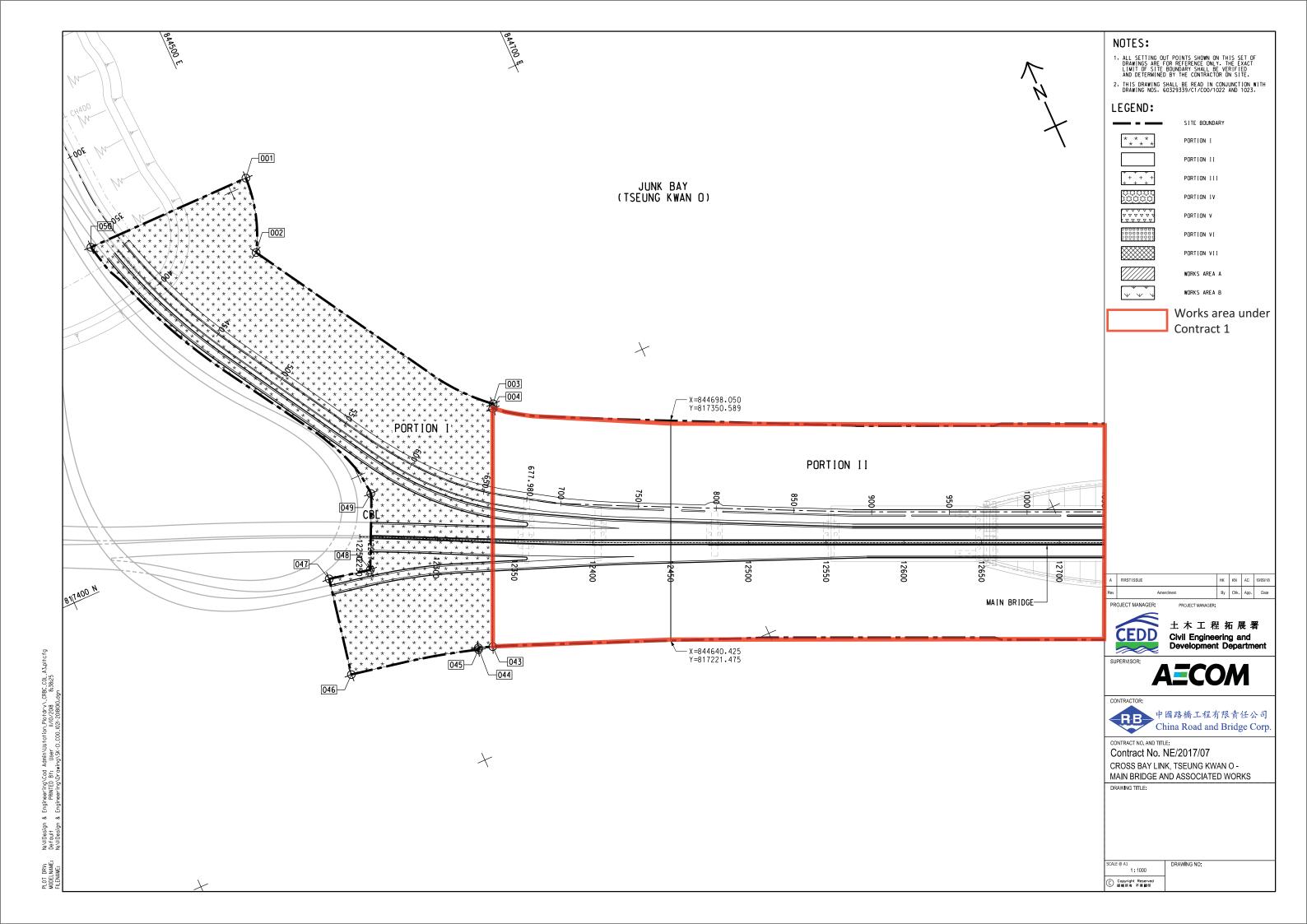


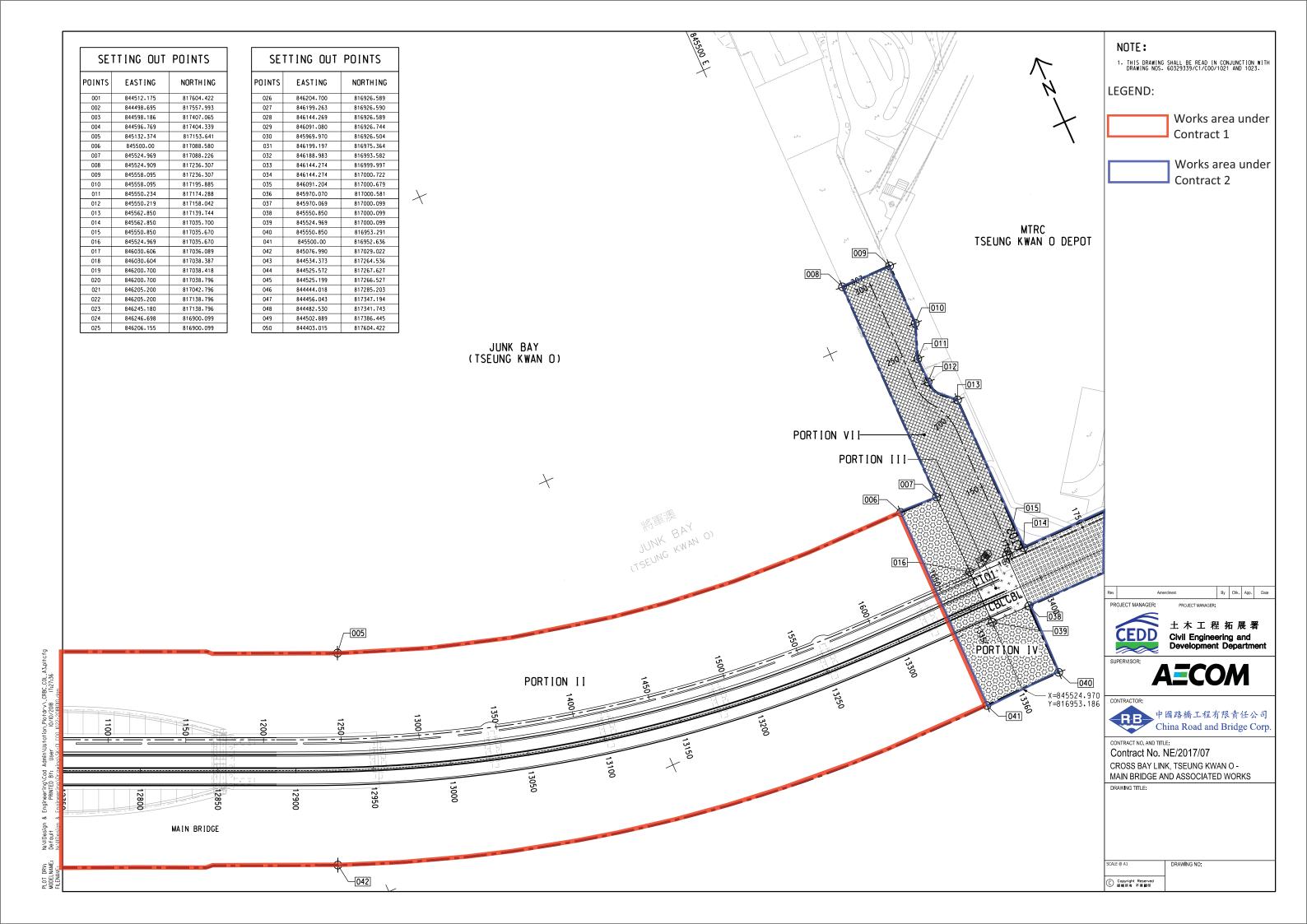
Civil Engineering and Development Department

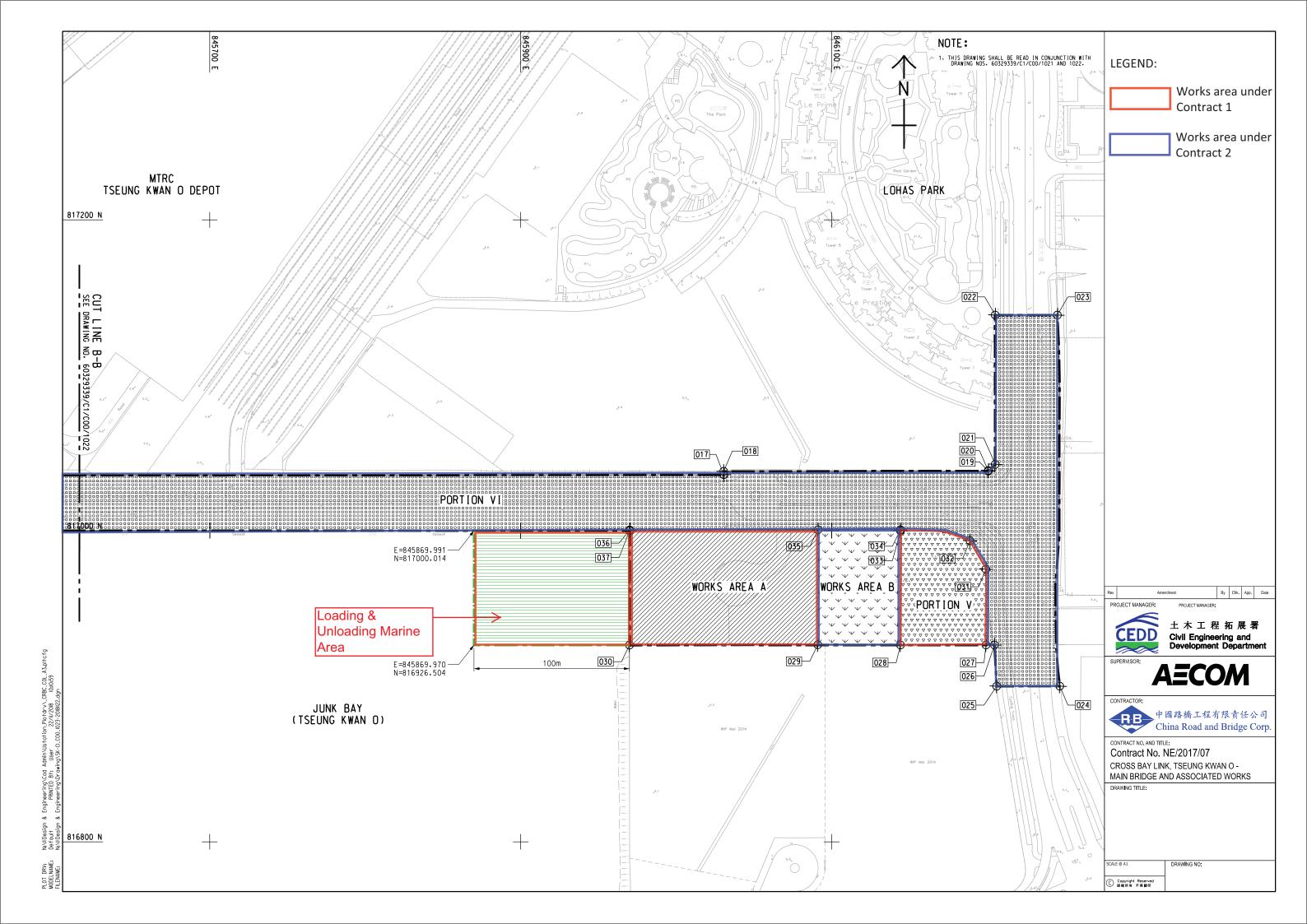
ARUP Ove Arup & Partners Hong Kong Limited

Agreement No. CE 43/2008(HY) Cross Bay Link, Tseung Kwan O – Investigation

B SECOND ISSUE A FIRST ISSUE Scale 1:5000 on A1 & 1:10000 on A3 FINAL







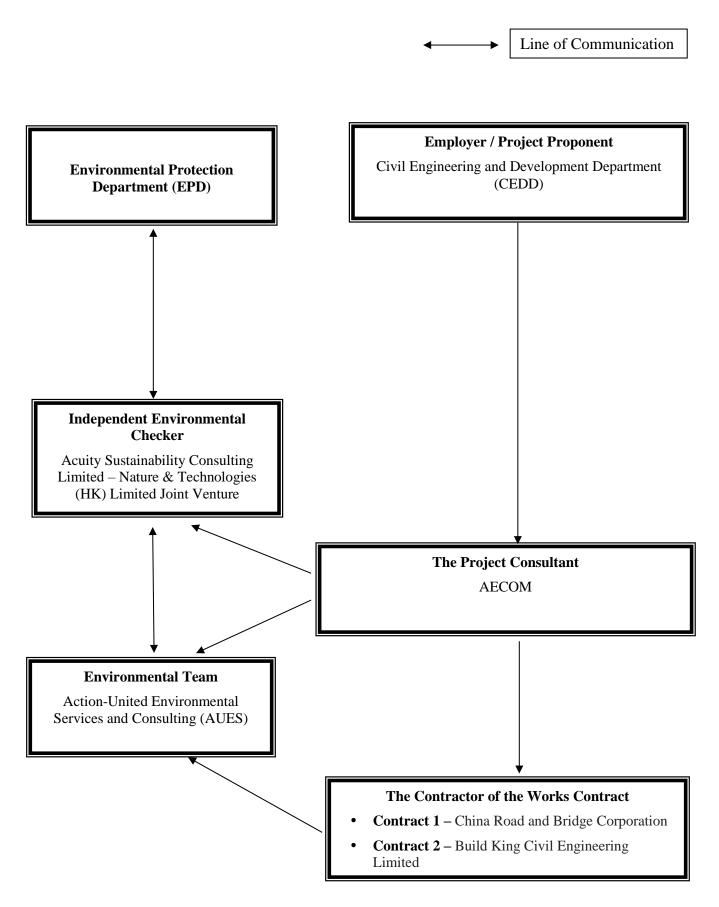


Appendix B

Project Organization Chart & Contact Details of Key Personnel for the Project



Project Organization Structure





Contact Details of Key Personnel for the Project

Organization	Project Role	Name of Key Staff	Tel No.	Fax No.
CEDD	Project Proponent	CK Lam	2301 1398	2714 5174
CEDD	Project Proponent	Sheri Leung	2301 1398	2714 5174
AECOM	Senior Resident Engineer	Jackie Chan	3595 8045	3596 6118
AECOM	Resident Engineer	Kingman Chan	3595 8045	3596 6118
ASC – N&T JV	Independent Environmental Checker	Kevin Li	2698 6833	2698 9383
ASC – N&T JV	Senior Environmental Consultant	Tandy Tse	2698 6833	2698 9383
AUES	Environmental Team Leader	T. W. Tam	2959 6059	2959 6079
AUES	Environmental Consultant	Ben Tam	2959 6059	2959 6079
AUES	Environmental Consultant	Martin Li	2959 6059	2959 6079
CRBC	Site Agent	Raymond Suen	9779 8871	2283 1689
CRBC	Environmental Officer	Calvin So	9724 6254	2283 1689
CRBC	Environmental Supervisor	Alice Ngai	9148 5688	2283 1689
Build King	Site Agent	Stephen Leung	9071 7657	TBA
Build King	Environmental Officer	Michael Lam	6476 4299	TBA
Build King	Environmental Supervisor	Kenneth Hung	6170 9304	TBA

Legend:

CEDD (Employer) – Civil Engineering and Development Department

AECOM (Project Consultant) – AECOM Asia Co. Ltd.

ASC – N&T JV (IEC) – Acuity Sustainability Consulting Limited – Nature & Technologies (HK) Limited Joint Venture

AUES (ET) – Action-United Environmental Services & Consulting

CRBC (the Main Contractor of the Works Contract 1) – China Road and Bridge Corporation

Build King (the Main Contractor of the Works Contract 2) - Build King Civil Engineering Limited



Appendix C

3-Month Rolling Construction Programme

CEDD Contract Agreement No. EDO/04/2018 -Environmental Team for Cross Bay Link, Tseung Kwan O Quarterly EM&A Summary Report (March to May 2022)



Contract 1

Data Date :08-May-22 Sheet 1 of 5	Contract No.	o. NE/2017/07	Cros	s Bay Lin	ık, Tseng K	Kwan O	- Main Bridg	ge and Associated Works				
ity ID	ActutyName	Original Duration Ri	emaining Duration	Start	Finish	Physical % Complete	24 01	May2022 June 2022 08 15 22 29 05 12 19	26	July2022 03 10	17 24	August 2022 31 07
Cross Bay Link, Tseung	Kwan O Main Bridge and Associated Works	732	180	12-Jun-21 A	03-Nov-22							
Access Date	D. C. HONGENOO D. L. C. D. C. LT. 20 J. 12000	0	0	08-May-22	08-May-22	00/		 Access Date Access to Portion VI (NCE198 -Delay Access to Portion VI on 30 April 2022) 				
PAD1110	Access to Portion VI (NCE198 -Delay Access to Portion VI on 30 April 2022)	0	0	08-May-22*	00.14	0%			:			
	and Section of the Works	0	0	08-May-22 08-May-22	08-May-22 08-May-22			 Contractual Key Dates and Section of the Works Resived Contractual Key Dates and Section of the Works 				
Area Handover Date	ey Dates and Section of the Works	0	0	08-May-22	08-May-22			▼ Area Handover Date				
PAD1130	Access to Portion VI	0	0	08-May-22*	20 3143, 22	0%	•	◆ Access to Portion VI				
Preliminaries, Contract	or's Design & Method Statement Submission & Approval	111	10	12-Jun-21 A	17-May-22			▼ Preliminaries, Contractor's Design & Method Statement Submission & A	pproval			
Contractor's Design S	ubmission and Approval	111	10	12-Jun-21 A	17-May-22			▼ Contractor's Design Submission and Approval				
CDS1230	Design of cycle rack (incl. 14 days TRA)	111	10	12-Jun-21 A	17-May-22	75%		Design of cycle rack (incl. 14 days TRA)				
Precasting & Fabrication	n Works	20	0	20-Apr-22 A	03-May-22 A			ing & Fabrication Works				
	Segments (TKOI Entrustment Works)	20	0	20-Apr-22 A	03-May-22 A			ation of Precast Segments (TKOI Entrustment Works)				
Pre-stressing Works Pre-stressing Works for	r Bridge \$400	20	0	20-Apr-22 A 20-Apr-22 A	03-May-22 A 25-Apr-22 A		Pre-stressing Works for					
P-PF6080	Linking and stressing for 5F-5G (Linking yard No.2)	18	0	20-Apr-22 A	25-Apr-22 A	100%		or 5F-5G (Linking yard No.2)				
Pre-stressing Works for	r Bridge CT	18	0	22-Apr-22 A	02-May-22 A		▼ Pre-stress	sing Works for Bridge CT				
P-PF7020	Linking and stressing for 9F-9G (Linking yard No.1)	10	0	22-Apr-22 A	26-Apr-22 A	100%	Linking and stressing	for 9F-9G (Linking yard No.1)				
P-PF7080	Linking and stressing for 9G-9H (Linking yard No.2)	10	0	30-Apr-22 A	02-May-22 A	100%	Linking a	and stressing for 9G-9H (Linking yard No.2)				
Pre-stressing Works for		17	0	28-Apr-22 A	03-May-22 A			essing Works for Bridge S200				
P-PF8020	Linking and stressing for 2K-2L (Linking yard No.3)	10	0	28-Apr-22 A	29-Apr-22 A	100%		essing for 2K-2L (Linking yard No.3)	;			
P-PF8040	Linking and stressing for 2J-2K (Linking yard No.2)	10	0	29-Apr-22 A	03-May-22 A	100%	Linking	g and stressing for 2J-2K (Linking yard No.2)				
Section 1 of the Works-	All Works within Portion I of the Site (Entrusted Works of TKOI Viaduct)	262	142	31-Dec-21 A	26-Sep-22						-	
	orks Available for Piles 5D,9D,5E, 9E, 5F, 9F, 5H, 9H, 1L, 2L)	159	37	31-Dec-21 A	15-Jun-22			I	` :	Available for Piles 5D,9D,5E, 9E, 5F	, 9F, 5H, 9H, 1L, 2L)	
Stitching Work, TCSS, D S1-SW0095	Duct and Handover Works Delivery of parapet skin for Bridge ML (NCE No.177 - target to Hong Kong on 10 May 2022)	159	0	31-Dec-21 A	15-Jun-22 10-May-22*	0%		 ◆ Delivery of parapet skin for Bridge ML (NCE No.177 - target to Hong Kong on 10 Ma 		t and Handover Works		
S1-SW1000			31	21 Dec 21 A		35%				luct and handover for ML (NCE185) (NCF177: delay deliye	rv of paraget skin tare
<u> </u>	Stitching works, lay TCSS duct and handover for ML (NCE185) (NCE177: delay delivery of parapet skin target on 10 May 22)			31-Dec-21 A	15-Jun-22			◆ Delivery of sign gantry at L1-W5 (NCE No.179: target to Hot	-		/(IVCE1//. delay deliver	ry or parapet skin targ
S1-SW1015	Delivery of sign gantry at L1-W5 (NCE No.179: target to Hong Kong 23 May 22)	0	0		23-May-22*	0%			-			
S1-SW1020	Construction of sign gantry at L1-W5	20	20	23-May-22	15-Jun-22	0%		Construction o				
S1-SW1040	Completion of Key Date 3A	0	0		15-Jun-22	0%		◆ Completion of	Key Date 3A			
<u> </u>	orks Available for Piles 5B,9B,5C,9C,5G,9G,2K)	155	142	11-Apr-22 A	26-Sep-22							
Footway and cycle tracl	k, Road Surfacing, Street Furniture Installation and Remaining Works Road pavemnt, street furniture installation, road marking and remaining works for Bridge ML	60	60	16-Jun-22 16-Jun-22	26-Sep-22 25-Aug-22	0%						
S1-RW3020	Road pavement, street furniture installation, road marking and remaining works for Bridge S400	70	70	06-Jul-22	26-Sep-22	0%						
<u> </u>						0%						
S1-RW3040	Footway and cycle track, street furniture installation, and remaining Works for Bridge CT	70	70	06-Jul-22	26-Sep-22							
S1-RW3060	Road pavement, street furniture installation, road marking and remaining works for Bridge S200	49	49	15-Jul-22	09-Sep-22	0%			<u></u>			ED OD FORGE
	Piers 5B, 9B, 5C,9C, 5G,9G Vier & 2nd Pour for Pile Cap	83	0	15-Apr-22 A 22-Apr-22 A	16-Jul-22 04-May-22 A		▼ Install	llation of Precast Pier & 2nd Pour for Pile Cap	-	V CC	onstruction Work for Pier	IS 3B, 9B, 5C,9C, 5C
	Pier & 2nd Pour for Pile Cap - 9G	7	0	24-Apr-22 A	04-May-22 A		▼ Install	lation of Precast Pier & 2nd Pour for Pile Cap - 9G				
S1-PP3160	Installation of precast pier and 2st pour for pile cap 9G	7	0	24-Apr-22 A	04-May-22 A	100%	Install	llation of precast pier and 2st pour for pile cap 9G				
	Ner & 2nd Pour for Pile Cap - 5G	10	0	22-Apr-22 A	04-May-22 A	100%		llation of Precast Pier & 2nd Pour for Pile Cap - 5G llation of precast pier and 2st pour for pile cap 5G		<u> </u>		
S1-PP3240	Installation of precast pier and 2st pour for pile cap 5G	10	0	22-Apr-22 A	04-May-22 A	100%	msai	Stage 2 - Erection of Bridge Segments				
Stage 2 - Erection of Br Erection of Bridge Segr	nents for Bridge S400 and Bridge CT	23 23	10	15-Apr-22 A 15-Apr-22 A	17-May-22 17-May-22			Stage 2 - Election of Bridge Segments Erection of Bridge Segments for Bridge S400 and Bridge CT				
	Secretary time I story Pice Fig. 1 Pice Fig. 1	1	1	13-May-22	13-May-22	0%		 ▼ Segment erection between Pier 5F and Pier 5G - Stage 2-13 ■ Segment erection between Pier 5F and Pier 5G 				
S1-EB2075	Segment erection between Pier 5Fand Pier 5G	1	1	13-May-22	13-May-22	0%						
Segment erection between S1-EB2081	sen Pier 9F and Pier 9G - Stage 2-14 Segment erection between Pier 9F and Pier 9G	1	1	15-May-22 15-May-22	15-May-22 15-May-22	0%		 ▼ Segment erection between Pier 9F and Pier 9G - Stage 2-14 ■ Segment erection between Pier 9F and Pier 9G 				
Segment erection between	een Pier 5G and Pier 5H - Stage 2-15	1	1	16-May-22	16-May-22			▼ Segment erection between Pier 5G and Pier 5H - Stage 2-15				
S1-EB2091	Segment erection between Pier 5G and Pier 5H	1	1	16-May-22	16-May-22	0%		Segment erection between Pier 5G and Pier 5H				
	en Pier 9G and Pier 9H- Stage 2-16	1	1	17-May-22	17-May-22	00/		 ▼ Segment erection between Pier 9G and Pier 9H- Stage 2-16 ■ Segment erection between Pier 9G and Pier 9H 				
S1-EB2101	Segment erection between Pier 9G and Pier 9H	1	1	17-May-22	17-May-22	0%						
Delivery of Segments S1-EB2050	Preparation work and delivery works for segment between Pier 5C and 5D (B1-3)	21 10	0	15-Apr-22 A 15-Apr-22 A	17-May-22 07-May-22 A	100%		Preparation work and delivery works for segment between Pier 5C and 5D (B1-3)				
S1-EB2060	Preparation work and delivery works for segment between Pier 9C and Pier 9D (B2-3)	10	0	20-Apr-22 A	08-May-22 A	100%		Preparation work and delivery works for segment between Pier 9C and Pier 9D (B2-3)				
S1-EB2070	Preparation work and delivery works for segment between Pier 5F and Pier 5G (B5-1)	10	0	27-Apr-22 A	07-May-22 A	100%		Preparation work and delivery works for segment between Pier 5F and Pier 5G (B5-1)				
S1-EB2080	Preparation work and delivery works for segment between Pier 9F and Pier 9G (B6-1)	10	0	28-Apr-22 A	08-May-22 A	100%		Preparation work and delivery works for segment between Pier 9F and Pier 9G (B6-1)				
		10				35%		Preparation work and delivery works for segment between Pier 5G and Pier 5H (B3-	-2)			
S1-EB2090	Preparation work and delivery works for segment between Pier 5G and Pier 5H (B3-2)		4	27-Apr-22 A	11-May-22			Preparation work and delivery works for segment between Pier 9G and Pier 9H (B-				
S1-EB2100	Preparation work and delivery works for segment between Pier 9G and Pier 9H (B4-2)	10	5	25-Apr-22 A	12-May-22	30%			. 2)			
S1-EB3010	Preparation work and delivery works for Pier 2J and Pier 2K (B5-2)	10	10	08-May-22	17-May-22	0%		Preparation work and delivery works for Pier 2J and Pier 2K (B5-2)	2(2)			
S1-EB3020	Preparation work and delivery works for between Pier 2K and Pier 2L (B6-2)	10	10	08-May-22	17-May-22	0%	<u> </u>	Preparation work and delivery works for between Pier 2K and Pier 2L (B	0-2)			
Segment erection between S1-EB2035	Segment erection between Pier 5B and Pier 5C	1	0	25-Apr-22 A 25-Apr-22 A	25-Apr-22 A 25-Apr-22 A	100%	 Segment erection between Segment erection between 	een Pier 5B and Pier 5C - Stage 2-9 een Pier 5B and Pier 5C				
	pen Pier 9B and Pier 9C - Stage 2-10		0	26-Apr-22 A	26-Apr-22 A	- 3073		ween Pier 9B and Pier 9C - Stage 2-10				
S1-EB2045	Segment erection between Pier 9B and Pier 9C	1	0	26-Apr-22 A	26-Apr-22 A	100%		ween Pier 9B and Pier 9C	;			
Remaining Le	Orifical Pamaining Work						: 1	: Date	\overline{T}	Revision	Checked	Approved
		rene		41.5	מ יוו		(3.E. 4.1)	08-May-22	3MRP	(May 22 - Aug 22)		
Actual Work	♦ Milestone	Thi	ree M	onth Ko	olling Pro	gram	me (May 20)22 - Aug 2022)				
Remaining W	ork Summary											

Data Date :08-May-22

Data Date :08-N Sheet 2 of 5	May-22	Contract No. NE/2017/0	7 Cro	oss Bay Lin	ık, Tseng I	Kwan O	- Main Bridge and Associated Works		
IMAND	ActityName	Original Duration	Remaining Duration	on Start	Finish	Physical % Complete	May 2022 June 2022	July2022	August 2022
	ction between Pier 5C and Pier 5D - Stage 2-11	1	1	11-May-22	11-May-22		▼ Segment erection between Pier 5C and Pier 5D - Stage 2-11	03 10 17 24	31 07
S1-EB20	Segment erection between Pier5C and Pier 5D ction between Pier9C and Pier 9D - Stage 2-12	1	1	11-May-22	11-May-22	0%	■ Segment erection between Pier5C and Pier 5D ▼ Segment erection between Pier 9C and Pier 9D - Stage 2-12		
S1-EB20		1	1	12-May-22 12-May-22	12-May-22 12-May-22	0%	Segment erection between Pier 9C and Pier 9D		
	t, TCSS, Duct and Handover Works	50		18-May-22	16-Jul-22 23-Jun-22	0%	Installation of parane	▼ Stitching Work, TCSS, Du t, laying of TCSS duct and handover to TCSS Contr	;
S1-EB2120 S1-EB2125	Installation of parapet, laying of TCSS duct and handover to TCSS Contractor Stitching works	31	31	18-May-22 07-Jun-22	25-Jun-22 16-Jul-22	0%	nisanatori di parape	Stitching works	14001
Construction W		70	66	11-Apr-22 A	10-Jul-22 14-Jul-22	076		Construction Work for Pier 2K	ĸ
Installation of I	Precast Pier & 2nd Pour for Pile Cap (Pier 2K)	12	4	05-May-22 A	13-May-22		Installation of Precast Pier & 2nd Pour for Pile Cap (Pier 2K)		
S1-PP5595	Mobilization of 1000T crane barge to Site	0	0	0414 004	05-May-22 A	100%	◆ Mobilization of 1000T crane barge to Site		
S1-PP5600	Installation of precast pier and 2st pour for pile cap 2K , TCSS, Duct and Handover Works	10	4	06-May-22 A 23-May-22	13-May-22 14-Jul-22	70%	Installation of precast pier and 2st pour for pile cap 2K	▼ Stitching Work, TCSS, Duct a	and Handover Works
S1-EB3030	Stitching works, laying of TCSS duct and handover to TCSS Contractor	27	27	23-May-22	23-Jun-22	0%	Stitching works, layi	ng of TCSS duct and handover to TCSS Contractor	1
S1-EB3035	Stitching works	38	38	30-May-22	14-Jul-22	0%	-	Stitching works	
S1-EB5000	Completion of Key Date 3B	0	0		23-Jun-22	0%	◆ Completion of Key I	Pate 3B	
Installation of I	Precast Pile Cap & 1st Pour for Pile Cap Installation of pilecap and 1st pour for Pier 2K (Bridge S200-3)	15 15	0	11-Apr-22 A 11-Apr-22 A	28-Apr-22 A 28-Apr-22 A	100%	Installation of Precast Pile Cap & 1st Pour for Pile Cap Installation of pilecap and 1st pour for Pier 2K (Bridge S200-3)		
	instantation of pirecap and 1st pour tor for Pier 2K (Bringle 3200-3)	2	2	20-May-22	21-May-22	10076	■ Stage 3 - Erection of Bridge Segments		
Erection of Br	idge Segments for Bridge S200	2	2	20-May-22	21-May-22		► Erection of Bridge Segments for Bridge S200		
S1-EB54	ction between Pier 2J and Pier 2K - Stage 2-18 40 Segment erection between Pier 2J and Pier 2K	1	1	21-May-22 21-May-22	21-May-22 21-May-22	0%	 ▼ Segment erection between Pier 2J and Pier 2K - Stage 2-18 ■ Segment erection between Pier 2J and Pier 2K 		
	ction between Pier 2K and Pier 2L - Stage 2-17	1	1	20-May-22	20-May-22		■ Segment erection between Pier 2K and Pier 2L - Stage 2-17 ■ Segment erection between Pier 2K and Pier 2L		
S1-EB54	60 Segment erection between Pier 2K and Pier 2L	1	91	20-May-22 14-Jun-22	20-May-22	0%	Segment erection between riet 2K and riet 2L		
E&M Works Road Lighting 8	& Gantry Lighting Installation	91	84	14-Jun-22 16-Jun-22	12-Sep-22 07-Sep-22		· · · · · · · · · · · · · · · · · · ·		_
Road Lighting	& Gantry Lighting Installationat Bridge ML	56	56	16-Jun-22	10-Aug-22	00/	•		Road lightin
S1-EM1000 S1-EM1020	Road lighting installation works Gantry lighting installation works	37	37	16-Jun-22 16-Jun-22	03-Aug-22 29-Jul-22	0%			Gaintry lighting installa
S1-EM1060	Testing & Commissioning	7	7	04-Aug-22	10-Aug-22	0%			Status inglitting installa
	Installationat Bridge S400, Bridge CT & Bridge S200	40	40	23-Jul-22	07-Sep-22	070			
S1-EM1080	Road lighting installation works	40	40	23-Jul-22	07-Sep-22	0%			
	Cell at Bridge ML - Eretctrial Work	58		14-Jun-22	10-Aug-22	00/			Installation v
S1-EM1160 S1-EM1180	Installation works Testing & Commissioning	43	43	14-Jun-22	03-Aug-22 10-Aug-22	0%			Ilistaliadoli v
	Cell at Bridge S400, Bridge CT & Bridge S200 - Eretctrial Work	43	43	04-Aug-22 23-Jul-22	10-Aug-22 12-Sep-22	076			
S1-EM1200	Installation works	43	43	23-Jul-22	12-Sep-22	0%			
Section 2 of Wo	rks-All Works within Portion II,III,IV and VI	623	130	31-Aug-21 A	16-Sep-22	<u>-</u>			
CBL Main Bridg Concrete Bridg	ge and Marine Viaduct	623 490	130 93	31-Aug-21 A 31-Aug-21 A	16-Sep-22 27-Aug-22				
	of Stitching and Tension	34	7	23-Mar-22 A	17-May-22		▼ Construction of Stitching and Tension		
Construction S2-CB3435	of Long Stitching Construction of long stitching for W3-W2 remaining area (NCE No.177)	34 22	7	23-Mar-22 A 23-Mar-22 A	17-May-22 16-May-22	50%	Construction of Long Stitching Construction of long stitching for W3-W2 remaining area (NCE No.177)		
S2-CB5600		12	7	11-Apr-22 A	17-May-22	45%	Construction of long stitching for E2-E3 remaining area (NCE No.177)		
Procurement a		240	32	31-Aug-21 A	16-Jun-22		▼ Procurement and Delivery		
S2-CB2488	Procurement and delivery of bituminous materials	240	32	31-Aug-21 A	16-Jun-22	83%	Procurement and delivery of bitum	nous materials	
	nd Surface Furniture and Surface Furniture at W5 - W2	212 165	93 93	27-Oct-21 A 28-Jan-22 A	27-Aug-22 27-Aug-22				
S2-CB4900		30	10	28-Jan-22 A	20-May-22	81%	Construction of planfer type 1 and type 2 (NCE No.185)		
S2-CB4920	Installation of Ducting and In-situ Concreting (NCE No.185)	30	10	28-Jan-22 A	20-May-22	81%	Installation of Ducting and In-situ Concreting (NCE No.185)		
S2-CB4930		10	10	05-Aug-22	16-Aug-22	0%			
S2-CB4940		15	15	25-Jul-22	10-Aug-22	0%			
S2-CB4960		20	6	25-Mar-22 A	16-May-22	70%	Construction of concrete kerb for installation of L3 parapet		
S2-CB4980 S2-CB5040	<u> </u>	15	15 20	05-Aug-22	22-Aug-22	0%			
S2-CB5040 S2-CB5055		12	12	05-Aug-22 21-May-22	27-Aug-22 04-Jun-22	0%	Leveling by mass concrete for Footpath (potential PMI)		
S2-CB5060		12	12	06-Jun-22	18-Jun-22	0%	Waterproofing for Footpath		
S2-CB5080		30	30	20-Jun-22	25-Jul-22	0%		Paving !	Block Laying for Foot
S2-CB5090		12	12	27-May-22	10-Jun-22	0%	Leveling by mass concrete for cycle track (pote	ntial PMI)	
S2-CB5095		18	18	06-Jun-22	25-Jun-22	0%	Grinding for wat	erproofing surface for carriageway	
S2-CB5100	Waterproofing works for cycle track	10	10	11-Jun-22	22-Jun-22	0%	Waterproofing works for	or cycle track	
S2-CB5105	Waterproofing works for carriageway	15	15	27-Jun-22	14-Jul-22	0%		Waterproofing works for carrie	ageway
S2-CB5120	Road pavement for cycle track	12	12	23-Jun-22	07-Jul-22	0%		Road pavement for cycle track	
S2-CB5140	Road pavement for carriageway	23	23	09-Jul-22	04-Aug-22	0%			Road pave
Remail	ning Level of Effort Critical Remaining Work							devision Checked	Approved
Actual		TI	ree N	Month Ro	lling Pro	orami	me (May 2022 - Aug 2022)	½ -Aug 22)	
Remail	ning Work Summary			, aviitii 140		8. wiiii	mo (man) avaa maa)		
		1							

Data Date :08-May-22

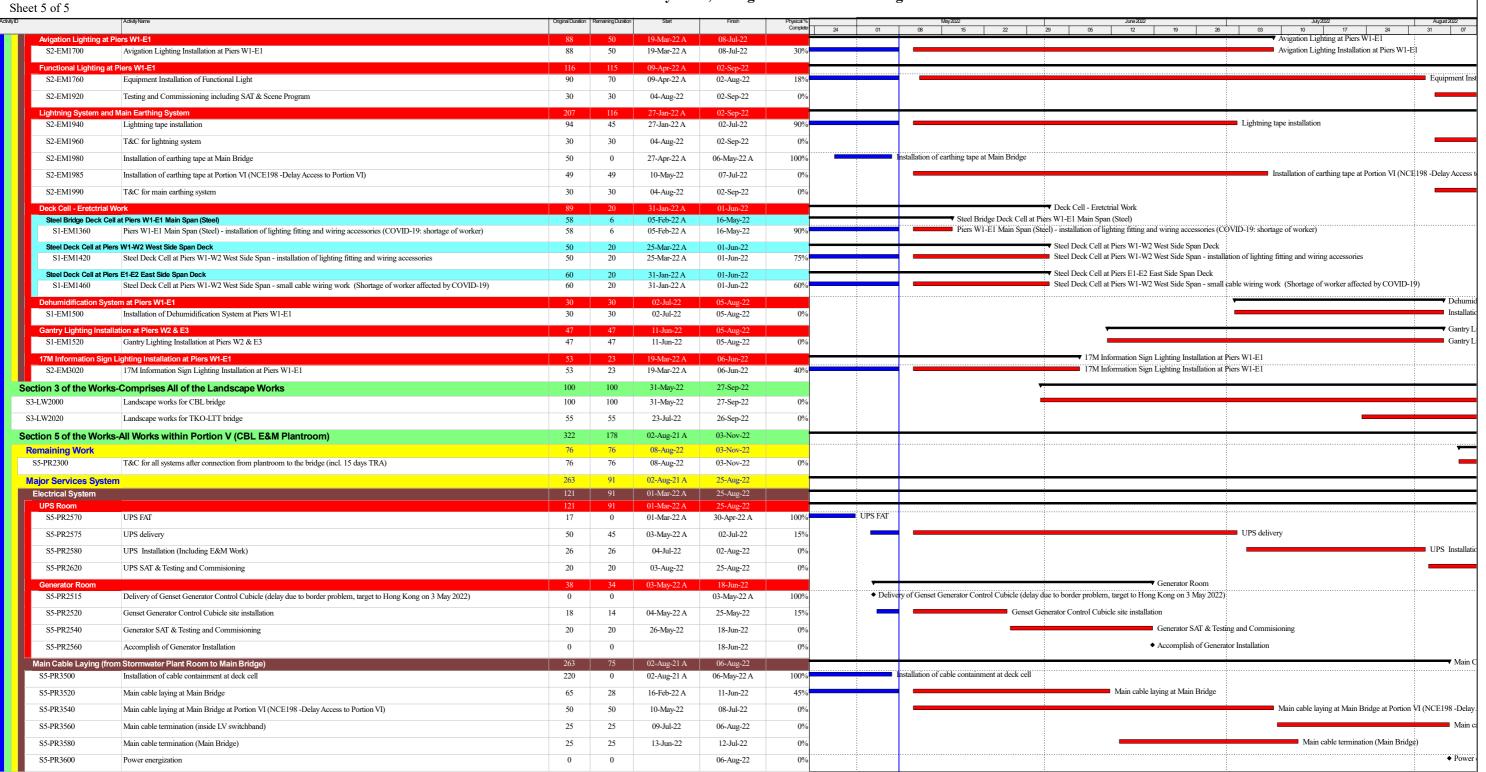
ate :08-May-22 Contract of 5	No. NE/2017/0	7 Cro	ss Bay Lin	k, Tseng k	Kwan O - Main Bridg	ge and Associated Works
ActivityName	Original Duration	Remaining Duration	n Start	Finish	Physical % Complete 24 01	May 2022 July 2022 July 2022 Augus 08 15 22 29 05 12 19 26 03 10 17 24 31
S2-CB5142 Irrigation system for planter type 2	10	10	08-Aug-22	18-Aug-22	0%	
Road Works and Surface Furniture at E2 - EA S2-CB5160 Construction of planter type 1 and type 2 (NCE No.185)	167 35	88	27-Oct-21 A 27-Oct-21 A	22-Aug-22 11-May-22	90%	Construction of planter type 1 and type 2 (NCE No.185)
S2-CB5180 Installation of Ducting and In-situ Concreting (NCE No.185)	35	5	10-Jan-22 A	16-May-22	88%	Installation of Ducting and In-situ Concreting (NCE No.185)
S2-CB5190 Waterproofing and soiling for planter type 1 and type 2	10	10	17-May-22	27-May-22	0%	Waterproofing and soiling for planter type 1 and type 2
S2-CB5200 Installation of Lighting Post and Lighting Cabinet	18	18	17-May-22	07-Jun-22	0%	Installation of Lighting Post and Lighting Cabinet
S2-CB5210 Construction of concrete kerb for installation of L3 parapet	25	6	10-Jan-22 A	16-May-22	90%	Construction of concrete kerb for installation of L3 parapet
S2-CB5315 Leveling by mass concrete for Footpath (potential PMI)	12	12	30-May-22	13-Jun-22	0%	Leveling by mass concrete for Footpath (potential PMI)
S2-CB5320 Waterproofing for Footpath	18	18	14-Jun-22	05-Jul-22	0%	Waterproofing for Footpath
S2-CB5340 Paving block Laying for Footpath	35	35	06-Jul-22	15-Aug-22	0%	
S2-CB5350 Leveling by mass concrete for cycle track (potential PMI)	15	15	07-Jun-22	23-Jun-22	0%	Leveling by mass concrete for cycle track (potential PMI)
S2-CB5355 Grinding for waterproofing surface for carriageway	20	20	13-Jun-22	06-Jul-22	0%	Grinding for waterproofing surface for carriageway
S2-CB5360 Waterproofing works for cycle track	10	10	24-Jun-22	06-Jul-22	0%	Waterproofing works for cycle track
S2-CB5365 Waterproofing works for carriageway	15	15	07-Jul-22	23-Jul-22	0%	Waterproofing works for
S2-CB5380 Road pavement for cycle track	16	16	14-Jul-22	01-Aug-22	0%	Road p
S2-CB5400 Road pavement for carriageway	32	32	16-Jul-22	22-Aug-22	0%	
Fabrication and Delivery Works	161	40	13-Nov-21 A	25-Jun-22	500/	
S2-CB5480 Fabrication and delivery of steel post and transom for L3 parapet	60	30	05-Jan-22 A	14-Jun-22	50%	Fabrication and delivery of steel works for isolation panel
S2-CB5500 Fabrication and delivery of steel works for isolation panel	80	40	13-Nov-21 A	25-Jun-22	60% Fabrication of PMMA pane	
S2-CB5520 Fabrication of PMMA panel	90	0	09-Feb-22 A	23-Apr-22 A	100% Tabrication of Fivivity park	Construction of Sign Gantries
onstruction of Sign Gantries Installation Works	15 15	15 15	23-May-22 23-May-22	10-Jun-22 10-Jun-22		✓ Unstallation Works
S2-CB4525 Delivery of sign gantry post at E7-EA, E3-E4 & W3-W2 (NCE No.179: target to Hong Kong 23 May 22)	0	0		23-May-22*	0%	◆ Delivery of sign gantry post at E7-EA, E3-E4 & W3-W2 (NCE No.179: target to Hong Kong 23 May 22)
S2-CB4530 Installation of sign gantry post at E7-EA, E3-E4 & W3-W2	7	7	24-May-22	31-May-22	0%	Installation of sign gantry post at E7-EA, E3-E4 & W3-W2
S2-CB4570 Survey of gantry on site	2	2	01-Jun-22	02-Jun-22	0%	Survey of gantry on site
S2-CB4610 Installation of sign gantry transom	6	6	04-Jun-22	10-Jun-22	0%	Installation of sign gantry transom
el Bridge pad Works and Surface Furniture	295	130	12-Nov-21 A 12-Nov-21 A	16-Sep-22		
Road Works and Surface Furniture	291 291	126 126	12-Nov-21 A 12-Jan-22 A	12-Sep-22 12-Sep-22		
S2-RW1012 Sand blasting works for centre reserve (CE No.194 & No.207) (NCE No.176) (NCE No.182)	65	0	18-Jan-22 A	25-Apr-22 A	100% Sand blasting works for	or centre reserve (CE No.194 & No.207) (NCE No.176) (NCE No.182)
S2-RW1013 Waterproofing for centre reserve	25	25	14-Jul-22	11-Aug-22	0%	
S2-RW1062 Installation of lighting cabinet and traffic sign post	28	15	12-Jan-22 A	26-May-22	85%	Installation of lighting cabinet and traffic sign post
S2-RW1067 Installation of the balustrade	45	45	21-Jul-22	12-Sep-22	0%	
S2-RW1068 Waterproofing and soiling for planter type 1 and type 2	15	15	10-May-22	26-May-22	0%	Waterpriofing and soiling for planter type 1 and type 2
S2-RW1070 Waterproofing for footpath	4	4	21-Apr-22 A	20-May-22	60%	Waterproofing for footpath
S2-RW1071 Road surfacing for footpath	15	15	21-May-22	08-Jun-22	0%	Road surfacing for footpath
S2-RW1072 Paving block laying for footpath	50	50	09-Jun-22	06-Aug-22	0%	
S2-RW1073-1 Waterproofing for cycle track	4	4	24-Apr-22 A	13-May-22	60%	Waterproofing for cycle track
S2-RW1074 Sandblasting and primer for carriageway (Delay due to shortage of worker affected by COVID-19)	25	10	05-Feb-22 A	20-May-22	50%	Sandblasting and primer for carriageway (Delay due to shortage of worker affected by COVID-19)
S2-RW1074-2 Waterproofing for carriageway	4	4	21-May-22	25-May-22	0%	Waterproofing for carriageway
S2-RW1074-5 Transportation of cooker to Hong Kong (delivery to HongKong on 30 Apr 22 due to border problem)	0	0	02.14 22.4	30-Apr-22 A		n of cooker to Hong Kong (delivery to HongKong on 30 Apr 22 due to border problem) — Assembly and adjustmentof the cookers
S2-RW1074-52 Assembly and adjustment of the cookers	7	2	03-May-22 A	11-May-22	65%	
S2-RW1074-6 Site trial by Cooker for MA	7	7	12-May-22	19-May-22	0%	Site trial by Cooker for MA Road pavement for cycle track at Steel Bridge
S2-RW1075 Road pavement for cycle track at Steel Bridge	18	18	20-May-22	10-Jun-22	0%	Road pavement for carriageway at Steel Bri
S2-RW1076 Road pavement for carriageway at Steel Bridge	27	27	11-Jun-22	13-Jul-22	0%	
S2-RW1077 Irrigation system for planter type 2	12	12	14-Jul-22	27-Jul-22	0%	Irrigation system
S2-RW1078 Planting works for planter type 1 and 2	12	12	28-Jul-22	10-Aug-22	0%	
S2-RW1078-2 Installation of cycle race and dressing works of cycle track S2-RW1160 Installation of L3 railing	25 50	25 50	28-Jul-22 14-Jul-22	25-Aug-22	0%	
				09-Sep-22	0%	
•	20	20	14-Jul-22	05-Aug-22	U%	▼ Fabrication and Delivery Works
Fabrication and Delivery Works S2-CB5540 Fabrication and delivery of steel post and transom for L3 parapet	60	40 30	12-Nov-21 A 07-Mar-22 A	25-Jun-22 14-Jun-22	55%	Fabrication and delivery of steel post and transom for L3 parapet
S2-CB5560 Fabrication and delivery of steel works for isolation panel	60	40	12-Nov-21 A	25-Jun-22	60%	Fabrication and delivery of steel works for isolation panel
S2-CB5580 Fabrication of PMMA panel	90	0	09-Feb-22 A	23-Apr-22 A	100% Fabrication of PMMA pane	
elding & Painting Works	198	103	03-Jan-22 A	08-Sep-22		
Preparation Works Activation of the Pendulum Bearing	6	6	06-May-22 A 06-May-22 A	16-May-22 16-May-22		▼ Preparation Works ▼ Activation of the Pendulum Bearing
S2-SB1520 Activation of permanent bearing and removal of temporary jacks from the Pier W1 (after completion of transition section)	6	6	06-May-22 A	16-May-22	10%	Activation of permanent bearing and removal of temporary jacks from the Pier W1 (after completion of transition section)
Painting of the Ring Weld	175	103	08-Jan-22 A	08-Sep-22		
Pomoining Loyal of Effort						Date Revision Checked Appro
Remaining Level of Effort Critical Remaining Work	(Frie		и a b.	א יוו	(3.E. 3.C.	08-May-22 3MRP (May 22 - Aug 22)
Actual Work ♦ Milestone	111	iree N	vionth Ka	uung Pra	ogramme (May 20	1// - Aug /U//)

	a Date :08-May-2 et 4 of 5	Contract Contract	t No. NE/2017/0	7 Cro	oss Bay Lin	k, Tseng k	Kwan O	- Mai	n Bridg	ge and Associated Works
ctivityID		Actuly Name	Original Duration	Remaining Durate	ion Start	Finish	Physical % Complete			May/2022 June/2022 June/2022 August/2022 August/2022
	S2-SB2045	Painting of the west side span ring weld (inside) (bottom part) (NCE No.181)	18	10	25-Apr-22 A	20-May-22	30%	24	. 01	08 15 22 29 05 12 19 26 03 10 17 24 31 07 Painting of the west side span ring weld (inside) (bottom part) (NCE No.181)
	S2-SB2072	Top coating of the steel deck (east span) (NCE No.181)	75	10	08-Jan-22 A	20-May-22	80%			Top coating of the steel deck (east span) (NCE No.181)
	S2-SB2076	Top coating of the steel deck (west span) (NCE No.181)	75	10	08-Jan-22 A	20-May-22	70%			Top coating of the steel deck (west span) (NCE No.181)
	S2-SB2080	Top coating of the steel deck (main span) (NCE No.181)	98	63	08-Jan-22 A	26-Jul-22	40%			Top coating of the steel dec
	S2-SB2100	Painting repair of the arch rib (Internal)	45	22	07-Apr-22 A	16-Jun-22	40%			Painting repair of the arch rib (Internal)
	S2-SB2105	Painting repair of the arch rib (External)	45	45	19-Jul-22	08-Sep-22	0%			
		porary Supports at W1 & E1	106	11	03-Jan-22 A	21-May-22	070			→ Removal of the Temporary Supports at W1 & E1
	S2-SB2220	Removal of the temporary supports at W1	100	5	03-Jan-22 A 04-Jan-22 A	14-May-22	45%			Removal of the temporary supports at W1
	S2-SB2240	Removal of the temporary supports at W2	1	1	21-May-22	21-May-22	0%			■ Removal of the temporary supports at W2
	S2-SB2260	Removal of the temporary supports at E1	10	4	03-Jan-22 A	13-May-22	50%			Removal of the temporary supports at El
	S2-SB2280	Removal of the temporary supports at E2	1	1	19-May-22	19-May-22	0%			Removal of the temporary supports at E2
		-Concrete Transition Zone	24	10	25-Apr-22 A	20-May-22	070			Construction of Steel-Concrete Transition Zone
	Construction of the w	<u> </u>	16	7	25-Apr-22 A	20-May-22		-		Construction of the west side transition
	S2-CT1090	Threading and stressing of the PT bar at transition section (remaining 4nos)	7	6	25-Apr-22 A	19-May-22	50%			Threading and stressing of the PT bar at transition section (remaining 4nos)
	S2-CT1095	Welding of the box out on steel deck (remaining middle area at top deck)	14	2	03-May-22 A	14-May-22	50%			Welding of the box out on steel deck (remaining middle area at top deck)
	S2-CT1100	Removal of the temporary jacks from the Pier W2	1	1	20-May-22	20-May-22	0%			■ Removal of the temporary jacks from the Pier W2
	Construction of the ea	ast side transition	17	8	03-May-22 A	18-May-22			-	▼ Construction of the east side transition
	S2-CT1215	Threading and stressing of the PT bar at transition section (remaining 4nos)	7	7	03-May-22 A	17-May-22	45%			Threading and stressing of the PT bar at transition section (remaining 4nos)
	S2-CT1216	Welding of the box out on steel deck (remaining middle area at top deck)	14	3	05-May-22 A	12-May-22	55%		_	Welding of the box out on steel deck: (remaining middle area at top deck)
	S2-CT1220	Removal of the temporary jacks from the Pier E2	1	1	18-May-22	18-May-22	0%			■ Removal of the temporary jacks from the Pier E2
	Assocaited, E&M Wor	ks for CBL Main Bridge and Marine Viaduct	109	109	10-Mar-22 A	16-Sep-22				
	UBG and AIC		57 57	57 57	11-May-22 11-May-22	18-Jul-22 18-Jul-22				▼ UBG and AIC ▼ AIC
	S2-EM1320	Installation of the Arch Inspection Cradle (shortage of worker delayed due to COVID-19: target start on 11 May 22)	27	27	11-May-22*	11-Jun-22	0%			Installation of the Arch Inspection Cradle (shortage of worker delayed due to COVID-19: target start on 11 May 22)
	S2-EM1340	Testing of the AIC (delay delivery material (genset) on site due to COVID-19)	30	30	13-Jun-22	18-Jul-22	0%			Testing of the AIC (delay delivery material (
	UBG		3	3	28-Jun-22	30-Jun-22				₩
	Testing of the UBG and S S2-EM1300	SAT (delay delivery material (genset) on site due to COVID-19)	3 3	3	28-Jun-22 28-Jun-22	30-Jun-22 30-Jun-22	0%			Testing of the UBG and SAT SAT (delay delivery material (genset) on site due to COVID-19)
	Installation of Other S		100	100	20-May-22	16-Sep-22				
	S2-EM1380	Dehumidification system installaion in the stay cables	10	10	20-May-22	31-May-22	0%			Dehumidification system installaion in the stay cables
	S2-EM1400	Commission and testing of the dehumidification system	90	90	01-Jun-22	16-Sep-22	0%			
	SHMS installation		83	83	10-Mar-22 A	16-Aug-22	_			
	S2-EM1361	Installation of STR-W protective box and laying of cables	20	18	10-Mar-22 A	30-May-22	50%			Installation of STR-W protective box and laying of cables
	S2-EM1362	Cable laying from stormwater planting room to bridge deck (NCE198 -Delay Access to Portion VI)	15	15	31-May-22	17-Jun-22	0%			Cable laying from stormwater planting room to bridge deck (NCE198 -Delay Access to Portion VI)
	S2-EM1363	Installation of instruments (accelerometers, inclinometers etc)	15	15	18-Jun-22	06-Jul-22	0%			Installation of instruments (accelerometers, inclinometers etc)
	S2-EM3140	Laying of dynamic systems	21	21	07-Jul-22	30-Jul-22	0%			Laying of dynamic
	S2-EM3160	Sensor connected with PXI to access system building service	14	14	01-Aug-22	16-Aug-22	0%			
	E&M Works		254	116	23-Dec-21 A	02-Sep-22	_			
	E&M Works in Portion	II,III & IV	254	116	23-Dec-21 A	02-Sep-22				
	Road Lighting	Road Lighting works at W5-W2	73	73	27-May-22	22-Aug-22	00/			` <u> </u>
	S2-EM1500		37	37	11-Jul-22	22-Aug-22	0%			D. History des FO FA
	S2-EM1560	Road Lighting works at E2-EA	37	37	27-May-22	11-Jul-22	0%			Road Lighting works at E2-EA
	S2-EM1620	Road Lighting works at W2-E2	37	37	08-Jun-22	21-Jul-22	0%			Road Lighting works at W2-E2
	Pier Head Lighting Ins S2-EM3040	Pier Head Lighting Installation at Piers W2-W5	105 101	71 66	19-Mar-22 A 19-Mar-22 A	02-Aug-22 27-Jul-22	35%		<u>;</u>	▼ Pier Head Lighting Instal ■ Pier Head Lighting Instal
										Pier Head Li
	S2-EM3060	Pier Head Lighting Installation at Piers E2-EA	105	71	19-Mar-22 A	02-Aug-22	22%			
	S2-EM3080	Pier Head Lighting Installation at Piers W1-E1	96	70	19-Mar-22 A	01-Aug-22	19%			Pier Head Ligh
	Fixed Red Lighting Ins S2-EM3100	stallation at Piers W1-E1 Installation of Pier Head Lighting	77 38	38	18-Jun-22 18-Jun-22	02-Sep-22 02-Aug-22	0%			Installation of
	S2-EM3120	Testing & Commissioning	30	30	04-Aug-22	02-Sep-22	0%			
		resung & Commissioning			_		076			
	SS-PR3240	FAT preparation	203 75	97 20	23-Dec-21 A 23-Dec-21 A	01-Sep-22 01-Jun-22	75%		:	FAT preparation
	S5-PR3260	FAT and deliver to Site	12	12	02-Jun-22	16-Jun-22	0%			FAT and deliver to Site
	S5-PR3280	Installation of cable containment	20	20	10-May-22	01-Jun-22	0%			Installation of cable containment
					1					Equipment cabling & wiring completion for termination
	S5-PR3300	Equipment cabling & wiring completion for termination	20	20	27-May-22	20-Jun-22	0%			
	S5-PR3320	Rack & Equipment on site installation	14	14	21-Jun-22	07-Jul-22	0%			Rack & Equipment on site installation
	S5-PR3340	Equipment & RIOU panel termination	18	18	08-Jul-22	28-Jul-22	0%			Equipment & RIOU pa
	S5-PR3360	Optical fibre cable laying (NCE198 -Delay Access to Portion VI)	60	60	10-May-22	20-Jul-22	0%			Optical fibre cable laying (NCE198 - Do
	S5-PR3380	Cable & wiring Termination	37	37	21-Jul-22	01-Sep-22	0%			
	Navigation Lighting at		72	40	19-Mar-22 A	25-Jun-22	-			▼ Navigation Lighting at Piers W1-E1
	S2-EM1630	Navigation Lighting Installation at Piers W1-E1	72	40	19-Mar-22 A	25-Jun-22	35%			Navigation Lighting Installation at Piers W1-E1
	_		,							
	Remaining L	evel of Effort Critical Remaining Work								Date Revision Checked Approved
	Actual Work	♦ Milestone	Th	ree N	Month Ro	lling Pro	gramı	ne (N	(av 20	022 - Aug 2022) 08-May-22 3MRP (May 22 - Aug 22)
	Remaining V			1001	VIVII IN		. 8. a.iii	-10 (17	-uj 2 0	/== ···································
		· · · · · · · · · · · · · · · · · · ·								I

Data Date :08-May-22

Data Date :08-May-22

Contract No. NE/2017/07 Cross Bay Link, Tseng Kwan O - Main Bridge and Associated Works



Remaining Level of Effort

Actual Work

Remaining Work

Milestone

Remaining Work

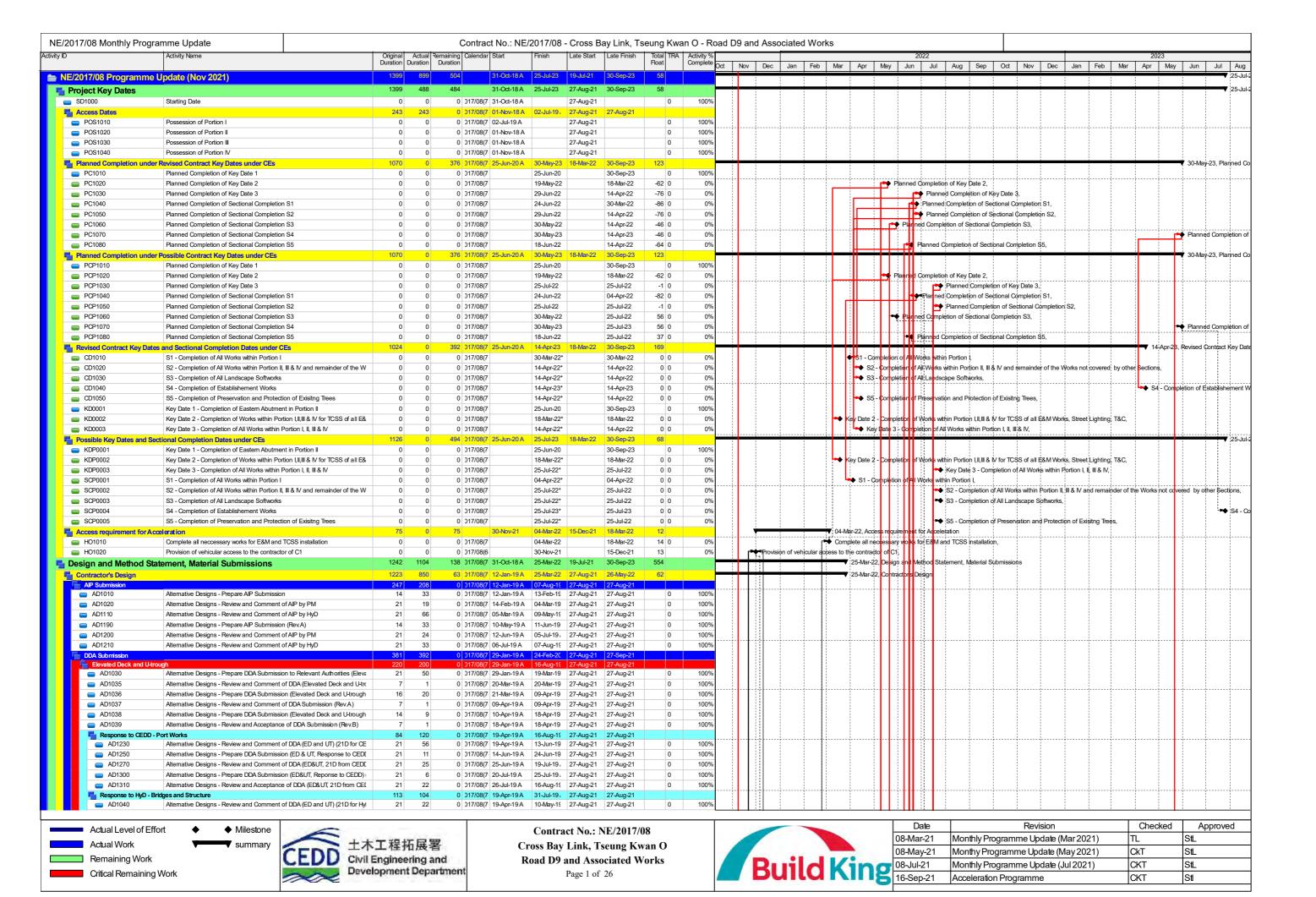
Summary

Date	Revision	Checked	Approved
08-May-22	3MRP (May 22 - Aug 22)		

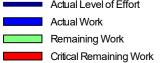
CEDD Contract Agreement No. EDO/04/2018 -Environmental Team for Cross Bay Link, Tseung Kwan O Quarterly EM&A Summary Report (March to May 2022)



Contract 2



NE/2017/08 Monthly Programme Update Contract No.: NE/2017/08 - Cross Bay Link, Tseung Kwan O - Road D9 and Associated Works Original Actual Remaining Duration Duration Duration Comple Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug NCE130 NCE130 - Extra Length of PBSH at Portion I 0 017/08(7 11-Sep-20 A 100% 30-Sep-23 NCE131 NCE131 - Extra Length of PBSH at Portion III 0 017/08(7 11-Sep-20 A 30-Sep-23 0 1009 NCE132 NCE132 - Additional Works for Left-in Steel Casing for PBSH at Cycle Track I 0 017/08/7 11-Sep-20 A 30-Sep-23 100% 020 NCE133 0 017/08(7 11-Sep-20 A 100% NCE133 - Additional Works for Left-in Steel Casing for PBSH at Lift and Stai 30-Sep-23 NCE134 - Additional Works for Left-in Steel Casing for PBSH at Wan O Road 0 017/08(7 11-Sep-20 A 30-Sep-23 100% NCE134 NCE135 NCE135 - Additional Point Load Test for Proof Drill Hole no. PC9.10-PD1 0 017/08/7 16-Sep-20 A 30-Sep-23 100% NCE136 NCE136 - Inclement Weather for the Period of 9 July 2020 to 8 August 2020 0 017/08(7 16-Sep-20 A 30-Sep-23 100% NCE137 NCE137 - Special Arrangement for Concrete Testing Services from the Public 0 017/08(7 08-Oct-20 A 100% 0 30-Sep-23 NCE138 NCE138 - Inclement Weather for the Period of 9 August 2020 to 8 Septemb 0 017/08(7 16-Oct-20 A 30-Sep-23 100 NCE139 NCE139 - Works affected by the Tropical Cyclone Warning Signal No. No. 8 0 017/08/7 16-Oct-20 A 30-Sep-23 0 100% 16-Oct NCE140 NCE140 - Uncharted Steel Materials Found at Pre-Bored Socketed H-Pile Nr. 0 0 017/08/7 28-Oct-20 A 30-Sen-23 0 100% ad 28 Ct+2 NCE141 NCE141 - Uncharted Steel Materials Found at Pre-Bored Socketed H-Pile Nc 0 017/08(7 28-Oct-20 A 30-Sep-23 100% NCE142 NCE142 - Extra Length of Pre-Bored Socketed H-Piles at Lift and Staircase 0 017/08(7 28-Oct-20 A 30-Sep-23 100% NCE143 100% 20, 28 O 0 017/08(7 28-Oct-20 A 30-Sep-23 NCE143 - Additional Works for Left-in Steel Casing for 610mm PBSH at Lift: NCE144 NCE144 - Additional Works for Left-in Steel Casing for 610mm PBSH at War 0 017/08/7 28-Oct-20 A 30-Sep-23 100% 8-NCE145 NCE145 - Works affected by the Tropical Cyclone Warning Signal No. No. 8 ' 0 017/08/7 30-Oct-20 A 30-Sep-23 100% 2020 0 100% NCE146 NCE146 - Inclement Weather for the Period of 9 September 2020 to 8 Octol 0 017/08(7 05-Nov-20 A 30-Sep-23 NCE148 NCE148 - Additional Works for Left-in Steel Casing for 610mm PBSH at War 0 017/08(7 24-Nov-20 A 30-Sep-23 100% 20 100% 20 / NCE149 NCE149 - Extra Length of Pre-Bored Socketed H-Piles at Wan O Road in Pc 0 017/08(7 25-Nov-20 A 30-Sep-23 0 NCE150 NCE150 - Inclement Weather for the Period of 9 October 2020 to 8 Novemb 0 017/08/7 08-Dec-20 A 30-Sep-23 100% 100% on III, 07-Jan 21 A NCE151 NCE151 - Additional Works for Left-in Steel Casing for 610mm PBSH at War 0 017/08(7 09-Feb-21 A 30-Sep-23 Nov 2020, 09-Feb-21 NCE152 NCE152 - Unexpected Obstruction to Manhole no. SMH011 at Road D9 in P 0 017/08(7 07-Jan-21 A 30-Sep-23 20**21** 07-Jan-21 A 0 NCE153 NCE153 - Extra Works for Carry Out Laboratory Testings for Gully Formers up 0 017/08/7 07-Jan-21 A 30-Sep-23 NCE154 NCE154 - Unexpected Obstruction to Manhole no. SMH012 at Road D9 in P 0 017/08(7 18-Jan-21 A 30-Sep-23 100% ortion II. 18-Jan NCE155 NCE155 - Works affected by COVID-19 - Additional Cost for Supply of Aggree 0 017/08(7 18-Jan-21 A 30-Sep-23 1009 ONY, 18-Jan-21 A NCE156 NCE156 - Movement Joint Construction at 2nd Portion of Abutment 2B 0 017/08(7 18-Jan-21 A 30-Sep-23 NCE157 NCE157 - Delay in Backfilling Works along At-Grade Road due to Repeated 0 017/08(7 18-Jan-21 A 30-Sep-23 100% No SRT suits for General Fill, 18-Jan-21 A NCE158 at Elevated Deck. 18-Jan-214 NCE158 - Conflict between Existing Manhole No. SMH4046896 and Pile Cau 0 017/08/7 18-Jan-21 A 30-Sep-23 100% No NCE159 NCE159 - Delay in Using Imported General Fill from ND/2018/01 Due to Una 0 017/08(7 20-Jan-21 A 30-Sep-23 100% ult of Sulphate Content, 20-Jan-21 A NCE160 NCE160 - Additional Point Load Test for Proof Drill Hole no. PD-1 at PC77 30-Sep-23 100% NCE161 NCE161 - Additional Material Testing for Steel Works of Semi-Enclosure Nois 0 017/08(7 01-Mar-21 A 30-Sep-23 100% iniers after Hot Bend Treatment, 01-Mar-21 A NCE162 NCE162- Compulsory Valid Negative COVID-19 Test Result for Entry of Cons 0 017/08/7 05-Mar-21 A 30-Sep-23 0 100% Entry nstruction Sites. 05-Mar-21 A NCE163 NCE163 - Revision of Spacing of Movement Joints for Semi-Enclosure Noise 0 017/08/6 19-Mar-21 A 30-Sen-23 100% Barrier at Flevated Deck 19 Mar 21 A 1,29 War-21 A 30-Sep-23 NCE164 NCE164 - Inclement Weather Period of 9 Feb 2021 to 8 March 2021 0 017/08(6 29-Mar-21 A 100% NCE165 100% nction nole no. SMH009, 08-Apr-21 A NCE165 - Unexpected CLP Power Cables at XYZ Junction near Manhole no 0 017/08(6 08-Apr-21 A 30-Sep-23 ermain Layout and Lonitudinal Profile, 08-Apr 21 NCE166 NCE166 - Delay in Procurement of Watermain Pipes due to Revised Waterm 0 017/08(6 08-Apr-21 A 30-Sep-23 100% d NCE167 NCE167 - Ground Settlement Issue at Portion I 0 017/08(6 08-Apr-21 A 30-Sep-23 100% pr-21 NCE168 NCE168 - Additional Coating fo Sub-Frame of the Semi-Enclosure Noise Bar 30-Sep-23 100% 0 017/08(6 19-Apr-21 A NCE169 NCE169 - Lighting works for Traffic Sign 0 017/08(6 29-Apr-21 A 30-Sep-23 100% 100% H NCE170 NCE170 - Revised Landscape Softworks and Hardworks 0 017/08(6 30-Apr-21 A 30-Sep-23 NCE171 NCE171 - Extra Works for Carry Out Laboratory Testings for Precast Concrete 0 017/08/6 03-Jun-21 A 30-Sen-23 100% ons for Precast Concrete Pines 03-Jun-21 A gs or Impact Resistance Test and Heat Re NCE172 NCE172 - Extra Works for Carry Out Laboratory testings for Impact Resistance 0 017/08(6 26-May-21 A 30-Sep-23 100% . 26-May-21 A NCE173 NCE173 - Electric Suspension for Semi-Enclosure Noise Barrier Factory 0 017/08(6 28-Jun-21 A 30-Sep-23 100% Bricksure Noise Barrier Factory, 28-Jun-21 A NCE174 erod of 9 May 2021 to 8 June 2021, 29 Jun-21 A NCE174 - Inclement Weather for the Period of 9 May 2021 to 8 June 2021 0 017/08(6 29-Jun-21 A 30-Sep-23 100% Early Warning (EW) 653 10-Dec-18 A 08-Nov-21 29-Sep-23 30-Sep-23 Nov 21, Early Warning (EW) EW001 Temporary Discharges from LOHAS Park Development MTRC Contractors In 0 0 0 017/08(7 10-Dec-18 30-Sep-23 0 100% ■ EW002 Construction Debris and Domestic Waste Left Behind by MTRC's Contractors 0 017/08/7 10-Dec-18 30-Sep-23 1009 100% EW003 Maintenance of EVA at Portion II and II for MTRC's Depot along Road D9 0 017/08(7 10-Dec-18 30-Sep-23 EW004 0 017/08(7 100% Diversion of Existing Fire Service Main along D9 Road upon Possession of P 10-Dec-18 30-Sep-23 EW005 Severe Cracks and Abnormal Movement Observed on the Existing Road D9 0 017/08(7 14-Jan-19 30-Sep-23 0 1009 ■ EW006 Uncharted Utilities (Hong Kong Broadband and CLP) identified at Road D9, 0 0 017/08/7 17-Jan-19 30-Sep-23 0 100% ■ EW007 Additional Works for Determination of Bond Properety of Steel Reinforcing B 0 017/08/7 25-Apr-19 30-Sep-23 100% ■ EW008 0 017/08/7 14-Feb-19 30-Sep-23 1009 Additional Works for Laying Concrete Blocks on Top of the Existing Seawall t 1009 EW009 Existing Public Lighting Columns Removal by Others 0 017/08(7 10-Feb-19 30-Sep-23 ■ EW010 Unexpeced CLP Cables Identified at Wan O Road 0 017/08(7 10-Jun-19 30-Sep-23 1009 ■ EW012 Obstruction of Construction of Elevated Deck and U-Trough by Unexpected (0 017/08/7 13-Feb-19 30-Sep-23 100% ■ EW014 Unregistered Tree No. A0001 found at Wan O Road and obstruct the UU div 16-Feb-19 30-Sep-23 1009 EW015 Constraints on TTA Scheme for Full Enclosure in Wan O Road 0 017/08(7 21-Feb-19 30-Sep-23 1009 EW016 Accumulation of Settlement Values with the Existing Data 0 017/08/7 21-Feb-19 30-Sep-23 0 100% ■ EW017 Additional Works for Disposal of Unsuitable Materials to NENT in Lieu of TK(0 017/08/7 14-Mar-19 30-Sep-23 1009 EW018 100% Unexpected Traxcomm Cable Ducts at Portion I 0 017/08(7 10-Jun-19 30-Sep-23 EW019 0 017/08(7 14-Mar-19 100% Obstruction of Construction of Elevated Deck and U-Trough by Unexpected (30-Sep-23 EW023 Extra Length of Bored Pile No. PL131, 132, 133, 107, 110, 113, 149, 152 0 017/08/7 21-Jun-19 30-Sep-23 1009 EW024 Unexpected WTT and HKT Ducts Identified at Wan O Road 0 0 017/08/7 26-Jul-19 30-Sep-23 0 100% ■ EW025 0 017/08/7 30-Sep-23 100% Uncertain Information of the Existing DN1800 drainage Pipe 16-Aug-19 EW026 Delay in Response from HyD on Submission of Alternative Foundation design 0 017/08(7 20-Aug-19 30-Sep-23 1009 1009 EW027 Maintenance of EVA at Portion I for MTRC's Depot 0 017/08(7 21-Aug-19 30-Sep-23 ■ EW028 Unexpected Gas Main at Extent of Portion I 0 017/08/7 22-Aug-19 30-Sep-23 1009 ■ EW029 Discrepancy of Finish Ground Level in Portion I 0 017/08(7 23-Aug-19 30-Sep-23 1009 ■ EW030 100% Insufficiency of Information for Construction of Drainage works in U-Trough in 0 017/08(7 30-Sep-23 Potential of Excessive Concrete Loss at Bored Piles No. PL132, PL133, P6. 1009 EW031 0 017/08(7 03-Sep-19 30-Sep-23 0 EW032 Extra Length of Pre-Bored Socketed H-Pile No. UP06, 11, 16, 21, 26, 31-38. 0 0 0 017/08/7 09-Sep-19 30-Sep-23 0 100% Milestone Actual Level of Effort • Contract No.: NE/2017/08





summarv

Cross Bay Link, Tseung Kwan O Road D9 and Associated Works

Page 10 of 26

A	117
Build	dKing

Revision	Checked	Approved
hly Programme Update (Mar 2021)	TL	StL
hy Programme Update (May 2021)	CkT	StL
hly Programme Update (Jul 2021)	CKT	StL
leration Programme	CKT	Stl
	hy Programme Update (May 2021) hly Programme Update (Jul 2021)	hly Programme Update (Mar 2021) TL hy Programme Update (May 2021) CkT hly Programme Update (Jul 2021) CKT

PM045 PM046 Request for Quotation - Revised Drainage E PM047 Laying of Cable Duct and Earthing Conduct PM048 Request for Quotation - Revised the Extent PM049 Request for Quotation - Extra Length of Pre PM051 Request for Quotation - Extra Length of Pre PM052 Request for Quotation - Extra Length of Pre PM053 Request for Quotation - Extra Length of Pre PM053 Request for Quotation - Low Noise Road St. PM054 Request for Quotation - Low Noise Road St. PM055 PM055 Engaging a HOKLAS Laboratory for Impact PM056 Request for Quotation - Additional E&M Fac PM057 Request for Quotation - Extra Length of Pre PM058 Request for Quotation - Extra Length of Pre PM059 PM060 Additional Material Testing & Concete Corin PM060 Additional Material Testing & Concete Corin PM061 Request for Quotation - Extra Length of Pre PM062 PM062 PM063 Request for Quotation - Extra Length of Pre PM063 Request for Quotation - Extra Length of Pre PM066 Request for Quotation - Extra Length of Pre PM066 Request for Quotation - Delay in PMM4 Pan PM067 PM066 Request for Quotation - Delay in PMM4 Pan PM066 PM066 Request for Quotation - Delay in PMM4 Pan PM067 Request for Quotation - Pevised Presh Wate PM068 Request for Quotation - Revised Presh Wate PM069 PM069 Request for Quotation - Revised Prower Cab PM067 Request for Quotation - Revised Delais for Pm067 Request for Quotation - Revised Delais for Pm067 Request for Quotation - Revised Delais for Pm067 Request for Quotation - Revised Drainage E PM067 Request for Quotation - Revised Drainage E PM068 Request for Quotation - Revised Drainage E PM069 PM069 Request for Quotation - Revised Drainage E PM069 PM069 Request for Quotation - Revised Drainage E PM069 PM069 Request for Quotation - Revised Drainage E PM069 PM069 Request for Quotation - Revised Drainage E PM069 PM0	ffected by Strike Event, Riots and Blockage ement Measures for TTA at Wan Po Road ffected by Spreading of Novel Coronavirus ength of PBSH PC24-P1, PC25-P3, PC26-P ength of Pre-Bored Socketed H-Pile No r Equipment Details of Type D Semi-enclosure Noise Bar	Duration 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0	0 017/08(7 0 017/08(7 0 017/08(7 0 017/08(7 0 017/08(7	03-Jan-20 08-Feb-20 08-Feb-20	30-Sep-23 30-Sep-23 30-Sep-23	0	100% 100%	Nov	Dec Jan Feb Mar Apr Ma	ay Ju	n Jul	Aug S	Sep O	Oct Nov	Dec Jan	Feb Ma	ar Apr M	lay Ju	un Jul
PM038 Request for Quotation - Works affected by 5 PM0039 Request for Quotation - Enhancement Mea PM0040 Request for Quotation - Extra Length of PB PM041 Request for Quotation - Extra Length of PB PM042 Request for Quotation - Extra Length of PB PM043 Provision of Additional Computer Equipmen PM044 Request for Quotation - Revised Details of 1 PM045 Request for Quotation - Revised Details of 1 PM046 Request for Quotation - Revised Details of 1 PM046 Request for Quotation - Revised Details of 1 PM047 Laying of Cable Duct and Earthing Conduct PM048 Request for Quotation - Revised the Extent PM049 Request for Quotation - Extra Length of Pre PM051 Request for Quotation - Extra Length of Pre PM052 Request for Quotation - Extra Length of Pre PM053 Request for Quotation - Extra Length of Pre PM053 Request for Quotation - Extra Length of Pre PM055 Request for Quotation - Revised Drainage Extra PM055 Request for Quotation - Revised Drainage Extra PM055 Request for Quotation - Revised Drainage Extra PM056 Request for Quotation - Extra Length of Pre PM057 Request for Quotation - Extra Length of Pre PM057 Request for Quotation - Extra Length of Pre PM058 Request for Quotation - Extra Length of Pre PM059 Request for Quotation - Extra Length of Pre PM059 Request for Quotation - Extra Length of Pre PM069 Additional Extra Length of Pre PM069 Request for Quotation - Extra Length of Pre PM069 Request for Quotation - Extra Length of Pre PM069 Request for Quotation - Extra Length of Pre PM069 Request for Quotation - Extra Length of Pre PM069 Request for Quotation - Extra Length of Pre PM069 Request for Quotation - Extra Length of Pre PM069 Request for Quotation - Extra Length of Pre PM069 Request for Quotation - Extra Length of Pre Request for Quotation - Revised Seawall Medication - PM069 Request for Quotation - Revised Drainage Extra Request for Pm069 Request for Quotation -	ffected by Strike Event, Riots and Blockage ement Measures for TTA at Wan Po Road ffected by Spreading of Novel Coronavirus ength of PBSH PC24-P1, PC25-P3, PC26-P ength of Pre-Bored Socketed H-Pile No r Equipment Details of Type D Semi-enclosure Noise Bar Drainage Details at Eastbound of D9 Road	0 0 0 0 0 0	0 0 0 0	0 017/08(7 0 017/08(7 0 017/08(7	08-Feb-20 08-Feb-20	30-Sep-23	0	100%						:						
PM0040 Request for Quotation - Enhancement Mea PM0040 Request for Quotation - Extra Length of Per PM041 PM042 Request for Quotation - Extra Length of Per PM043 PM043 PM044 Request for Quotation - Extra Length of Per PM044 Request for Quotation - Revised Details of 1 PM045 PM046 PM046 Request for Quotation - Revised Details of 1 PM047 Laying of Cable Duct and Earthing Conduct PM047 PM048 Request for Quotation - Revised Details of 1 PM049 PM049 Request for Quotation - Revised the Extent PM051 PM051 Request for Quotation - Extra Length of Per PM051 PM062 Request for Quotation - Extra Length of Per PM053 PM063 Request for Quotation - Extra Length of Per PM055 Request for Quotation - Extra Length of Per PM056 PM057 Request for Quotation - Length of Per PM057 Request for Quotation - Length of Per PM057 Request for Quotation - Length of Per PM058 PM066 Request for Quotation - Length of Per PM067 Request for Quotation - Length of Per PM068 PM069 PM069 PM0606 Request for Quotation - Extra Length of Per PM0607 Request for Quotation - Extra Length of Per PM0606 PR0607 Request for Quotation - Extra Length of Per PM0608 Request for Quotation - Extra Length of Per PM0609 PM0606 Request for Quotation - Extra Length of Per PM0606 Request for Quotation - Extra Length of Per PM0607 Request for Quotation - Extra Length of Per PM0608 PM0608 Request for Quotation - Extra Length of Per PM0609 PM0609 PM0609 PM0609 Request for Quotation - Extra Length of Per Request for Quotation - Extra Length of Per PM0609 PM0606 Request for Quotation - Extra Length of Per PM0607 Request for Quotation - Extra Length of Per Request for Quotation - Extra Length of Per PM0607 Request for Quotation - Extra Length of Per PM0608 PM0608 Request for Quotation - Revised Potation of Per Request for Quotation - Revised Potation of Per Request for Quotation - Revised Per PM0707 Request for Quotation - Revised Per PM0708 PM0707 Request for Quotation - Revised Per PM0709 Request for Quotation - Revised Details for PM0709 Request for Quotation - Revised Details fo	ement Measures for TTA at Wan Po Road ffected by Spreading of Novel Coronavirus ength of PBSH PC24-P1, PC25-P3, PC26-P ength of Pre-Bored Socketed H-Pile No r Equipment Details of Type D Semi-enclosure Noise Bar Drainage Details at Eastbound of D9 Road	0 0 0 0 0	0 0 0 0	0 D17/08(7 0 D17/08(7	08-Feb-20	-			I III				1 1	į	1	1 1	i i	i i	1 1	:
PM0040 Request for Quotation - Works affected by S PM0041 Request for Quotation - Extra Length of PB PM042 Request for Quotation - Extra Length of PB PM043 Provision of Additional Computer Equipmen PM044 Request for Quotation - Revised Details of 1 Request for Quotation - Revised Details of 1 Request for Quotation - Revised Details of 1 PM0045 Request for Quotation - Revised Details of 1 PM0046 Request for Quotation - Revised Details of 1 PM0047 Laying of Cable Duct and Earthing Conduct PM0048 Request for Quotation - Revised the Extent PM0051 Request for Quotation - Revised the Extent PM0052 Request for Quotation - Extra Length of Pre PM0053 Request for Quotation - Extra Length of Pre PM0054 Request for Quotation - Low Noise Road 82 PM0055 Engaging a HOKLAS Laboratory for Impact PM0056 Request for Quotation - Low Noise Road 82 PM0057 Request for Quotation - Extra Length of Pre PM0068 Request for Quotation - Extra Length of Pre PM0059 Request for Quotation - Extra Length of Pre PM0069 Request for Quotation - Extra Length of Pre PM0060 Additional Material Testing & Concrete Corin PM0061 Request for Quotation - Extra Length of Pre PM0062 Point Load Test for Proof Driling Works of P PM0063 Request for Quotation - Extra Length of Pre PM0060 Request for Quotation - Extra Length of Pre Request for Quotation - Extra Length of Pre PM0061 Request for Quotation - Extra Length of Pre PM0062 Point Load Test for Proof Driling Works of P PM0063 Request for Quotation - Extra Length of Pre PM0064 Request for Quotation - Extra Length of Pre Request for Quotation - Extra Length of Pre PM0065 Request for Quotation - Extra Length of Pre PM0066 Request for Quotation - Extra Length of Pre Request for Quotation - Extra Length of Pre PM0070 Request for Quotation - Extra Length of Pre Request for Quotation - Revised Details for Abutmen PM0071 Request for Quotation - Revised Details for P PM0072 Request for Quotation - Revised Details for P PM0073 Request for Quotation - Revised Details for P Request for Quotation - Revised Details for P	ffected by Spreading of Novel Coronavirus ength of PBSH PC24-P1, PC25-P3, PC26-P1 ength of Pre-Bored Socketed H-Pile No r Equipment Details of Type D Semi-enclosure Noise Bar Drainage Details at Eastbound of D9 Road	0 0 0 0	0 0	0 017/08(7		30-Sep-23	0				44		T							
PM041 Request for Quotation - Extra Length of PB PM042 Request for Quotation - Extra Length of PB PM043 Provision of Additional Computer Equipmen PM044 Request for Quotation - Revised Details of 1 PM045 Request for Quotation - Revised Details of 1 PM046 Request for Quotation - Revised Drainage IC PM047 Laying of Cable Duct and Earthing Conduct PM048 Request for Quotation - Revised the Extent PM049 Request for Quotation - Extra Length of Pre PM051 Request for Quotation - Extra Length of Pre PM052 Request for Quotation - Extra Length of Pre PM053 Request for Quotation - Extra Length of Pre PM054 Request for Quotation - Extra Length of Pre PM055 Engaging a HOKLAS Laboratory for Impact PM056 Request for Quotation - Additional E&M Fac PM057 Request for Quotation - Extra Length of Pre PM058 Request for Quotation - Extra Length of Pre PM059 Request for Quotation - Extra Length of Pre PM059 Request for Quotation - Extra Length of Pre PM050 Additional Material Testing & Concrete Corin PM060 Additional Material Testing & Concrete Corin PM061 Request for Quotation - Extra Length of Pre PM062 Point Load Test for Proof Driling Works of P PM063 Request for Quotation - Extra Length of Pre PM066 Request for Quotation - Details for Aburtem PM066 Request for Quotation - Details for Aburtem PM067 Request for Quotation - Pervised Seawall M PM068 Request for Quotation - Pervised Seawall M PM069 Request for Quotation - Revised Details for - PM067 Request for Quotation - Revised Presh Walt PM068 Request for Quotation - Pervised Presh Walt PM069 Request for Quotation - Pervised Presh Walt PM070 Request for Quotation - Revised Presh Walt PM071 Request for Quotation - Revised Presh Walt PM073 Request for Quotation - Revised Details for - PM071 Request for Quotation - Revised Details for - PM071 Request for Quotation - Revised Details for - PM072 Request for Quotation - Revised Details for - PM073 Request for Quotation - Revised Details for - PM074 Request for Quotation - Revised Details for - PM075 Request for Quotation - Revised Detail	ength of PBSH PC24-P1, PC25-P3, PC26-P ength of Pre-Bored Socketed H-Pile No r Equipment Details of Type D Semi-enclosure Noise Bar Drainage Details at Eastbound of D9 Road	0 0 0 0	0	- ' -				100%						:						
PM042 Request for Quotation - Extra Length of Pre PM043 Provision of Additional Computer Equipmen PM044 Request for Quotation - Revised Details of 1 PM045 Request for Quotation - Revised Details of 1 PM046 Request for Quotation - Revised Details of 1 PM047 Laying of Cable Duct and Earthing Conduct PM047 Laying of Cable Duct and Earthing Conduct PM049 Request for Quotation - Extra Length of Pre PM051 Request for Quotation - Extra Length of Pre PM051 Request for Quotation - Extra Length of Pre PM052 Request for Quotation - Extra Length of Pre PM052 Request for Quotation - Low Noise Road St. PM053 Request for Quotation - Low Noise Road St. PM055 Engaging a HOKLAS Laboratory for Impact PM056 Request for Quotation - Low Noise Road St. PM057 Request for Quotation - Low Noise Road St. PM057 Request for Quotation - Extra Length of Pre PM059 Request for Quotation - Extra Length of Pre PM059 Request for Quotation - Extra Length of Pre PM059 Request for Quotation - Extra Length of Pre PM059 Request for Quotation - Extra Length of Pre PM059 Request for Quotation - Extra Length of Pre PM059 Request for Quotation - Extra Length of Pre PM059 Request for Quotation - Extra Length of Pre PM059 Request for Quotation - Extra Length of Pre PM060 Additional Material Testing & Concrete Corin PM061 Request for Quotation - Extra Length of Pre PM060 Request for Quotation - Extra Length of Pre PM060 Request for Quotation - Revised Seawell M PM062 Point Load Test for Proof Drilling Works of P PM066 Request for Quotation - Revised Fresh Walt PM065 Engaging an Independent HOKLAS Accred PM066 Request for Quotation - Details for Abutmen PM066 Request for Quotation - Revised Fresh Walt PM069 Request for Quotation - Revised Details for PM070 Request for Quotation - Revised Details for PM071 Request for Quotation - Revised Details for PM071 Request for Quotation - Revised Details for PM071 Request for Quotation - Revised Details for PM073 Request for Quotation - Extra Length of PB PM075 Request for Quotation - Extra Length of PB RM076 Request fo	ength of Pre-Bored Socketed H-Pile No r Equipment Details of Type D Semi-enclosure Noise Bar Drainage Details at Eastbound of D9 Road	0 0 0	0	0 017/08(7	13-Feb-20	30-Sep-23		100%						:						į
PM044 Provision of Additional Computer Equipmen PM044 Request for Quotation - Revised Details of 1 PM045 Request for Quotation - Revised Details of 1 PM046 Request for Quotation - Revised Details of 1 PM047 Laying of Cable Duct and Earthing Conduct PM048 Request for Quotation - Revised the Extent PM069 PM061 Request for Quotation - Extra Length of Pre PM051 Request for Quotation - Extra Length of Pre PM062 Request for Quotation - Extra Length of Pre PM053 Request for Quotation - Low Noise Road 83. PM055 Engaging a HOKLAS Laboratory for Impact Request for Quotation - Low Noise Road 83. PM055 Engaging a HOKLAS Laboratory for Impact Request for Quotation - Extra Length of Pre PM056 Request for Quotation - Extra Length of Pre PM057 Request for Quotation - Extra Length of Pre PM069 PM060 Additional Material Testing & Concrete Orin PM061 Request for Quotation - Extra Length of Pre PM062 PM060 Additional Material Testing & Concrete Orin PM061 Request for Quotation - Extra Length of Pre PM062 PM063 Request for Quotation - Extra Length of Pre PM064 Request for Quotation - Extra Length of Pre Request for Quotation - Extra Length of Pre PM066 PM067 Request for Quotation - Extra Length of Pre Request for Quotation - Extra Length of Pre PM068 Request for Quotation - Extra Length of Pre Request for Quotation - Extra Length of Pre PM069 PM060 Request for Quotation - Extra Length of Pre PM066 Request for Quotation - Extra Length of Pre Request for Quotation - Extra Length of Pre Request for Quotation - Extra Length of Pre Request for Quotation - Revised Power Call PM067 Request for Quotation - Revised Otation of Pre Request for Quotation - Revised of Uritough PM071 Request for Quotation - Revised of Uritough PM073 Removal of 5 nos. of Uncharted Trees at William of Pre Request for Quotation - Extra Length of Pre Request for Quotation - Revised Design for	Equipment Details of Type D Semi-enclosure Noise Bar Drainage Details at Eastbound of D9 Road	0 0		,	20-Feb-20	30-Sep-23		100%												
PM044 Request for Quotation - Revised Details of 1 PM046 Request for Quotation - Additional Works fo PM047 Laying of Cable Duct and Earthing Conduct PM048 Request for Quotation - Additional Works fo PM049 Request for Quotation - Extra Length of Pre PM049 Request for Quotation - Extra Length of Pre PM051 Request for Quotation - Extra Length of Pre PM052 Request for Quotation - Extra Length of Pre PM053 Request for Quotation - Low Noise Road St. PM054 Request for Quotation - Low Noise Road St. PM055 Engaging a HOKLAS Laboratory for Impact PM056 Request for Quotation - Additional E&M Fac PM057 Request for Quotation - Extra Length of Pre PM058 Request for Quotation - Extra Length of Pre PM059 Request for Quotation - Extra Length of Pre PM059 Request for Quotation - Extra Length of Pre PM060 Additional Material Testing & Concrete Corin PM061 Request for Quotation - Extra Length of Pre PM062 Point Load Test for Proof Drilling Works of P PM063 Request for Quotation - Extra Length of Pre PM066 Request for Quotation - Details for Proof PM066 Request for Quotation - Details for Abutmon PM066 Request for Quotation - Details for Abutmon PM067 Request for Quotation - Details for Abutmon PM068 Request for Quotation - Details for Abutmon PM068 Request for Quotation - Revised Details for PM068 Request for Quotation - Revised Details for PM068 Request for Quotation - Revised Details for PM069 Request for Quotation - Revised Details for PM067 Request for Quotation - Revised Details for PM067 Request for Quotation - Revised Details for PM079 Request for Quotation - Revised Details for PM099 Request for Quotation - Revised Design for PM09	Details of Type D Semi-enclosure Noise Bar Drainage Details at Eastbound of D9 Road	0	0	0 017/08(7	20-Feb-20	30-Sep-23		100%						:						
PM0045 Request for Quotation - Revised Drainage L PM0047 Laying of Cable Duct and Earthing Conduct PM0049 Request for Quotation - Revised the Extent PM0049 Request for Quotation - Extra Length of Pre PM0051 Request for Quotation - Extra Length of Pre PM0051 Request for Quotation - Extra Length of Pre PM0052 Request for Quotation - Revised Drainage L PM0053 Request for Quotation - Low Noise Road St. PM0054 Request for Quotation - Low Noise Road St. PM0055 Engaging a HOKLAS Laboratory for Impact PM0056 Request for Quotation - Extra Length of Pre PM0057 Request for Quotation - Extra Length of Pre PM0058 Request for Quotation - Extra Length of Pre PM0059 Request for Quotation - Extra Length of Pre PM0060 Additional Material Testing & Concrete Corin PM0061 Request for Quotation - Extra Length of Pre PM0062 Pint Load Test for Proof Drilling Works of P PM0063 Request for Quotation - Revised Seawall Mc Request for Quotation - Delay in PM0049 PM0060 Request for Quotation - Extra Length of Pre PM0061 Request for Quotation - Extra Length of Pre Request for Quotation - Revised Seawall Mc Request for Quotation - Revised Seawall Mc Request for Quotation - Revised Fox Pox PM0066 Request for Quotation - Delay in PM0047 PM0067 Request for Quotation - Delay in PM0047 Request for Quotation - Delay in PM0047 Request for Quotation - Revised Fresh Walt PM0068 Request for Quotation - Revised Fresh Walt PM0070 Request for Quotation - Revised Power Cab Request for Quotation - Revised Power Cab Request for Quotation - Revised Details for Nor PM0071 Request for Quotation - Extra Length of PR Request for Quotation - Revised Drainage L Request for Quotation -	Drainage Details at Eastbound of D9 Road	0		0 017/08(7	26-Feb-20	30-Sep-23		100%					ļ			iii			. .	
PMI046 PMI047 Laying of Cable Duct and Earthing Conduct PMI048 Request for Quotation - Revised the Extent PMI049 PMI049 Request for Quotation - Extra Length of Pre PMI051 PMI052 Request for Quotation - Extra Length of Pre PMI053 Request for Quotation - Extra Length of Pre PMI053 Request for Quotation - Low Noise Road St. PMI056 PMI056 Request for Quotation - Low Noise Road St. PMI057 PMI057 Request for Quotation - Additional E&M Fac PMI058 Request for Quotation - Additional E&M Fac PMI059 PMI059 Request for Quotation - Extra Length of Pre PMI059 PMI060 Additional Material Testing & Concrete Corin PMI061 PMI061 Request for Quotation - Extra Length of Pre PMI062 PMI063 PMI063 Request for Quotation - Extra Length of Pre PMI064 PMI065 Request for Quotation - Extra Length of Pre PMI066 PMI066 Request for Quotation - Extra Length of Pre PMI067 PMI066 Request for Quotation - Extra Length of Pre PMI068 PRI068 Request for Quotation - Extra Length of Pre Request for Quotation - Extra Length of Pre PMI069 PMI069 PMI061 Request for Quotation - Delay in PMI048 Par PMI060 PMI061 Request for Quotation - Delay in PMI048 Par PMI063 Request for Quotation - Delay in PMI048 Par Request for Quotation - Delay in PMI049 PMI066 Request for Quotation - Revised Presh Walt PMI066 Request for Quotation - Revised Presh Walt PMI067 Request for Quotation - Revised Presh Walt PMI068 Request for Quotation - Revised Presh Walt PMI069 Request for Quotation - Revised Delais for Pre Request for Quotation - Revised Delais for Pre PMI071 Request for Quotation - Revised Delais for Pre Request for Quotation - Revised Delais for Pre PMI072 Request for Quotation - Extra Length of Pre Request for Quotation - Extra Length of Pre PMI079 PMI071 Request for Quotation - Extra Length of Pre Request for Quotation - Extra Length of Pre PMI079 Request for Quotation - Revised Delais for PMI079 Request for Quotation - Revised Delais for PMI079 Request for Quotation - Revised Delais for PMI089 PMI079 Request for Quotation - Revised Design for PMI089 Request for Quot		-		0 017/08(7	04-Mar-20	30-Sep-23		100%						:						
PM0048 Request for Quotation - Revised the Extent PM0049 Request for Quotation - Extra Length of Pre PM0051 Request for Quotation - Extra Length of Pre PM0052 Request for Quotation - Extra Length of Pre PM0053 Request for Quotation - Uncharted Mass Co Request for Quotation - Uncharted Mass Co PM0053 Request for Quotation - Uncharted Mass Co PM0054 Request for Quotation - Uncharted Mass Co PM0055 Request for Quotation - Lotharted Mass Co PM0056 Request for Quotation - Extra Length of Pre Request for Quotation - Extra Length of Pre PM0057 Request for Quotation - Extra Length of Pre PM0058 Request for Quotation - Extra Length of Pre PM0059 Request for Quotation - Extra Length of Pre PM0060 Additional Material Testing & Concrete Corin PM0061 Request for Quotation - Revised Seawall Meditional Material Testing & Concrete Corin PM0062 Point Load Test for Pro of Driling Works of PM0064 Request for Quotation - Extra Length of Pre PM0065 Request for Quotation - Delay in PM0064 Request for Quotation - Delay in PM0066 Request for Quotation - Delay in PM0067 Request for Quotation - Delay in PM0067 Request for Quotation - Delay in PM0068 Request for Quotation - Revised Presh Walter PM0069 Request for Quotation - Revised Presh Walter PM0069 Request for Quotation - Revised Prewer Cab PM0070 Request for Quotation - Revised Drain Revised Prewer Cab PM0070 Request for Quotation - Revised Drain Revised Prewer Cab PM0070 Request for Quotation - Revised Drain Revised Pm0073 Removal of 5 nos. of Uncharted Tree at W PM0070 Request for Quotation - Revised Drain Revised Pm0073 Repuest for Quotation - Revised Drain Revised Pm0073 Request for Quotation - Extra Length of PR PM0076 Request for Quo	al Works for Laying Concrete Blocks on Top	U .	-	0 017/08(7	28-Feb-20	30-Sep-23		100%												
PMI048 Request for Quotation - Revised the Extent PMI049 Request for Quotation - Extra Length of Pre Request for Quotation - Extra Length of Pre PMI051 Request for Quotation - Extra Length of Pre PMI052 Request for Quotation - Revised Drainage I PMI053 Request for Quotation - Uncharted Mass Company PMI054 Request for Quotation - Low Noise Road Standard PMI055 Engaging a HOKLAS Laboratory for Impact PMI056 Request for Quotation - Extra Length of Pre Request for Quotation - Extra Length of Pre PMI058 Request for Quotation - Extra Length of Pre Request for Quotation - Extra Length of Pre Request for Quotation - Extra Length of Pre Request for Quotation - Revised Seawall Mc PMI069 Request for Quotation - Revised Seawall Mc PMI062 Point Load Test for Proof Drilling Works of PRIM060 Request for Quotation - Extra Length of Pre Request for Quotation - Delay in PMI061 Request for Quotation - Delay in PMI062 PMI063 Request for Quotation - Delay in PMI064 Request for Quotation - Delay in PMI064 Request for Quotation - Delay in PMI065 Engaging an Independent HOKLAS Accred PMI066 Request for Quotation - Delay in PMI067 Request for Quotation - Delay in PMI067 Request for Quotation - Revised Presh Walk PMI066 Request for Quotation - Revised Presh Walk PMI066 Request for Quotation - Revised Delais for PMI067 Request for Quotation - Revised Delais for PMI070 Request for Quotation - Revised Delais for PMI070 Request for Quotation - Revised Delais for PMI070 Request for Quotation - Extra Length of PB PMI074 Request for Quotation - Extra Length of PB PMI075 Request for Quotation - Extra Length of PB PMI076 Request for Quotation - Extra Length of PB PMI076 Request for Quotation - Revised Drainage I PMI079 Request for Quotation - Revised Drainage I PMI088 Request for Quotation - Revised Drainage I PMI089 Request for Quotation - Revised Drainage I PMI089 Request for Quotation - Revised		-	-	0 017/08(7	03-Mar-20	30-Sep-23		100%												į
PMI051 PMI051 Request for Quotation - Extra Length of Pre PMI052 PMI053 Request for Quotation - Extra Length of Pre Request for Quotation - Extra Length of Pre PMI053 Request for Quotation - Low Noise Road Su PMI054 PMI055 PMI056 Request for Quotation - Low Noise Road Su PMI056 PMI057 Request for Quotation - Low Noise Road Su PMI057 Request for Quotation - Extra Length of Pre PMI058 PMI059 PMI059 PMI059 Request for Quotation - Extra Length of Pre PMI059 PMI060 Additional Material Testing & Concrete Ozin PMI061 PMI061 Request for Quotation - Extra Length of Pre PMI062 PMI062 PMI063 Request for Quotation - Extra Length of Pre PMI063 Request for Quotation - Extra Length of Pre PMI066 PMI066 Request for Quotation - Extra Length of Pre PMI066 PMI067 Request for Quotation - Extra Length of Pre PMI068 PMI068 Request for Quotation - Extra Length of Pre PMI069 PMI069 PMI069 PMI060 Request for Quotation - Extra Length of Pre PMI060 PMI060 Request for Quotation - Extra Length of Pre PMI061 PMI061 Request for Quotation - Pevised Seawall Mt PMI062 PMI066 Request for Quotation - Pevised Fresh Walt PMI067 Request for Quotation - Revised Power Cab PMI068 Request for Quotation - Revised Details for PMI069 PMI069 Request for Quotation - Revised Details for PMI070 Request for Quotation - Revised Details for PMI071 Request for Quotation - Revised Details for PMI072 Request for Quotation - Extra Length of PR PMI073 Removal of 5 nos. of Uncharted Trees at W PMI074 Request for Quotation - Extra Length of PR PMI075 Request for Quotation - Extra Length of PB PMI076 Request for Quotation - Extra Length of PB PMI077 Point Load Test for Proof Drill Hole no. PC3, PMI078 Request for Quotation - Topical Cyclone W PMI089 PMI080 Request for Quotation - Revised Drainage L PMI081 Request for Quotation - Revised Drainage L PMI082 PMI083 Request for Quotation - Revised Drainage L PMI084 Request for Quotation - Revised Drainage L PMI089 Request for Quotation - Revised Drainage L PMI089 Request for Quotation - Revised Drainage L PMI089 Request for Q	<u> </u>	0	-	0 017/08(7	10-Mar-20	30-Sep-23		100%						:						:
Request for Quotation - Extra Length of Pre PM052 Request for Quotation - Revised Drainage I PM053 Request for Quotation - Low Noise Road St. PM054 Request for Quotation - Low Noise Road St. PM055 Engaging a HOKLAS Laboratory for Impact PM056 Request for Quotation - Additional E&M Fac PM057 Request for Quotation - Extra Length of Pre PM057 Request for Quotation - Extra Length of Pre PM059 Request for Quotation - Extra Length of Pre PM059 Request for Quotation - Extra Length of Pre PM059 Request for Quotation - Extra Length of Pre PM060 Additional Material Testing & Concrete Corin PM061 Request for Quotation - Revised Seawall Meditional Material Testing & Concrete Corin PM061 Request for Quotation - Revised Seawall Meditional Material Testing & Concrete Corin PM062 Point Load Test for Prior Drilling Works of Perponded Request for Quotation - Delay in PMMA Pan PM063 Request for Quotation - Delay in PMMA Pan PM066 Request for Quotation - Details for Abutmen PM066 Request for Quotation - Details for Abutmen PM066 Request for Quotation - Revised Press Walt PM067 Request for Quotation - Revised Power Cab PM069 Request for Quotation - Revised Power Cab PM069 Request for Quotation - Revised Power Cab PM069 Request for Quotation - Revised Power Cab PM070 Request for Quotation - Revised Power Cab PM071 Request for Quotation - Revised Power Cab PM073 Removal of 5 nos. of Uncharted Trees at W Request for Quotation - Revised Details for PM073 Request for Quotation - Extra Length of PB PM076 Request for Quotation - Extra Length of PB PM077 Request for Quotation - Extra Length of PB PM078 Request for Quotation - Extra Length of PB PM079 Request for Quotation - Extra Length of PB PM079 Request for Quotation - Extra Length of PB PM079 Request for Quotation - Extra Length of PB PM079 Request for Quotation - Revised Drainage I PM081 Revised Landscape Details at Wan O Road PM082 Request for Quotation - Revised Drainage I PM084 Request for Quotation - Revised Drainage I PM085 Request for Quotation - Revised Drainage I PM099 Request		0	-	0 017/08(7	13-Mar-20	30-Sep-23		100%		<u> </u>			ļ			ļ				
PMI052 Request for Quotation - Revised Drainage L PMI053 Request for Quotation - Uncharted Mass Co Request for Quotation - Low Noise Road St, PMI056 Engaging a HOKLAS Laboratory for Impact PMI057 Request for Quotation - Extra Length of Pre PMI058 Request for Quotation - Extra Length of Pre PMI059 Request for Quotation - Extra Length of Pre PMI059 Request for Quotation - Extra Length of Pre PMI060 Additional Material Testing & Concrete Corin PMI061 Request for Quotation - Revised Seawall Mc PMI062 Point Load Test for Proof Drilling Works of P PMI063 Request for Quotation - Extra Length of Pre PMI066 Request for Quotation - Extra Length of Pre PMI066 Request for Quotation - Delay in PMI067 Request for Quotation - Delay in PMI068 PMI066 Request for Quotation - Delay in PMI066 PMI066 Request for Quotation - Delay in PMI066 Request for Quotation - Delay in PMI066 Request for Quotation - Revised Fresh Walk PMI066 Request for Quotation - Revised Fresh Walk PMI067 Request for Quotation - Revised Power Cab PMI068 Request for Quotation - Revised Power Cab PMI069 Request for Quotation - Revised Details for PMI070 Request for Quotation - Revised Details for PMI071 Request for Quotation - Revised Ottalis for PMI072 Request for Quotation - Revised Ottalis for PMI073 Removal of 5 nos. of Uncharted Trees at W PMI079 Request for Quotation - Extra Length of PB PMI070 Request for Quotation - Extra Length of PB PMI070 Request for Quotation - Extra Length of PB PMI077 Request for Quotation - Extra Length of PB PMI078 Request for Quotation - Extra Length of PB PMI079 Request for Quotation - Revised Drainage C PMI080 Request for Quotation -	*	0	-	0 017/08(7	16-Mar-20	30-Sep-23		100%												i
Request for Quotation - Uncharted Mass Co PMI054 Request for Quotation - Low Noise Road Su PMI055 Engaging a HOKLAS Laboratory for Impact PMI056 Request for Quotation - Additional E&M Fac PMI057 Request for Quotation - Extra Length of Pre PMI058 Request for Quotation - Extra Length of Pre PMI059 PMI059 Request for Quotation - Extra Length of Pre PMI060 Additional Material Testing & Concrete Corin PMI061 Request for Quotation - Extra Length of Pre PMI062 PMI062 PMI063 Request for Quotation - Extra Length of Pre PMI063 Request for Quotation - Delay in PMIMP Pan PMI066 Request for Quotation - Delay in PMIMP Pan PMI066 Request for Quotation - Delay in PMIMP Pan PMI067 Request for Quotation - Delay in PMIMP Pan PMI068 Request for Quotation - Pevised Seawall M PMI069 PMI069 Request for Quotation - Revised Presh Walt PMI069 Request for Quotation - Revised Presh Walt PMI069 Request for Quotation - Revised Presh Walt PMI060 Request for Quotation - Revised Power Cab PMI070 Request for Quotation - Revised Power Cab PMI071 Request for Quotation - Revised Power Cab PMI072 Request for Quotation - Revised Power Cab PMI073 Removal of 5 nos. of Uncharted Trees at W PMI074 Request for Quotation - Extra Length of PB PMI075 Request for Quotation - Extra Length of PB PMI076 Request for Quotation - Extra Length of PB PMI077 Request for Quotation - Extra Length of PB PMI078 Request for Quotation - Extra Length of PB PMI079 Request for Quotation - Extra Length of PB PMI079 Request for Quotation - Revised Design of PB PMI079 Request for Quotation - Revised Design of PB PMI079 Request for Quotation - Revised Design of PB PMI079 Request for Quotation - Revised Design of PB PMI080 Request for Quotation - Revised Design for PMI080 Request for Quotation - Revised Design for Request for Q	•	0	-	0 017/08(7	22-Apr-20	30-Sep-23		100%												
PMI054 Request for Quotation - Low Noise Road Su. PMI055 Engaging a HOKLAS Laboratory for Impact PMI056 Request for Quotation - Additional E&M Fac. PMI057 Request for Quotation - Extra Length of Pre. PMI058 Request for Quotation - Extra Length of Pre. PMI059 Request for Quotation - Extra Length of Pre. PMI059 Request for Quotation - Extra Length of Pre. PMI060 Additional Material Testing & Concrete Corin PMI061 Request for Quotation - Revised Seawall M. PMI062 Point Load Test for Proof Drilling Works of P. PMI063 Request for Quotation - Extra Length of Pre. PMI064 Request for Quotation - Extra Length of Pre. PMI065 Request for Quotation - Details for Abutmen PMI066 Request for Quotation - Details for Abutmen PMI066 Request for Quotation - Details for Abutmen PMI066 Request for Quotation - Details for Abutmen PMI067 Request for Quotation - Revised Fresh Wala Request for Quotation - Revised Power Cab PMI069 Request for Quotation - Revised Power Cab PMI069 Request for Quotation - Revised Power Cab PMI070 Request for Quotation - Revised Details for PMI071 Request for Quotation - Revised Details for PMI072 Request for Quotation - Revised Ott-Troug PMI073 Removal of 5 nos. of Uncharted Trees at W. PMI074 Request for Quotation - Extra Length of PB PMI075 Request for Quotation - Extra Length of PB PMI076 Request for Quotation - Extra Length of PB PMI077 Point Load Test for Proof Dril Hole no. PC3, PMI078 Request for Quotation - Extra Length of PB PMI079 Request for Quotation - Extra Length of PB PMI079 Request for Quotation - Top Level of the Co PMI079 Request for Quotation - Revised Drainage D PMI079 Request for Quotation - Extra Length of PB PMI079 Request for Quotation - Revised Drainage D PMI081 Revised Landscape Details at Wan O Road Request for Quotation - Revised Drainage D PMI081 Request for Quotation - Revised Drainage D PMI083 Request for Quotation - Revised Drainage D PMI084 Request for Quotation - Revised Drainage D PMI089 Request for Quotation - Revised Drainage D PMI089 Request for Quotation - Revised Dra		0	-	0 017/08(7	25-Apr-20	30-Sep-23		100%						i						į
PM055 Engaging a HOKLAS Laboratory for Impact PM056 Request for Quotation - Additional E&M Fac PM058 Request for Quotation - Extra Length of Pre PM058 Request for Quotation - Extra Length of Pre PM059 Request for Quotation - Extra Length of Pre PM060 Additional Material Testing & Concrete Corin PM061 Request for Quotation - Extra Length of Pre PM062 Point Load Test for Proof Drilling Works of P PM063 Request for Quotation - Extra Length of Pre PM064 Request for Quotation - Extra Length of Pre PM065 PM065 Engaging an Independent HOKLAS Accred PM066 Request for Quotation - Delay in PMMA Pan PM066 Request for Quotation - Delais for Abutmen PM067 Request for Quotation - Revised Fresh Walk PM068 Request for Quotation - Revised Presh Walk PM069 Request for Quotation - Revised Power Cab PM070 Request for Quotation - Revised Power Cab PM070 Request for Quotation - Revised Details for, PM071 Request for Quotation - Revised Details for, PM072 Request for Quotation - Revised Obtails for, PM073 Removal of 5 nos. of Uncharted Trees at W PM074 Request for Quotation - Extra Length of PB PM075 Request for Quotation - Extra Length of PB PM076 Request for Quotation - Extra Length of PB PM077 Request for Quotation - Extra Length of PB PM078 Request for Quotation - Extra Length of PB PM079 Request for Quotation - Extra Length of PB PM079 Request for Quotation - Extra Length of PB PM079 Request for Quotation - Extra Length of PB PM079 Request for Quotation - Extra Length of PB PM079 Request for Quotation - Extra Length of PB PM079 Request for Quotation - Extra Length of PB PM079 Request for Quotation - Extra Length of PB PM079 Request for Quotation - Extra Length of PB PM080 Request for Quotation - Revised Drainage D PM081 Request for Quotation - Extra Length of PB PM083 Request for Quotation - Revised Drainage D PM084 Request for Quotation - Revised Drainage D PM085 Request for Quotation - Revised Drainage D PM096 Request for Quotation - Revised Drainage D PM097 Request for Quotation - Revised Drainage D PM098 Request for Quotatio	•	0		0 017/08(7	04-May-2(30-Sep-23		100%						:						
PM056 Request for Quotation - Additional E&M Fac PM057 Request for Quotation - Extra Length of Pre PM058 Request for Quotation - Extra Length of Pre PM059 Request for Quotation - Extra Length of Pre PM059 Request for Quotation - Extra Length of Pre PM060 Additional Material Testing & Concrete Corin PM061 Request for Quotation - Revised Seawall Mc PM062 Point Load Test for Proof Drilling Works of P PM063 Request for Quotation - Delay in PMMA Pan PM065 Engaging an Independent HOKLAS Accred PM066 Request for Quotation - Delay in PMMA Pan PM067 Request for Quotation - Delay in PMMA Pan PM068 Request for Quotation - Revised Fresh Walt PM069 Request for Quotation - Revised Fresh Walt PM069 Request for Quotation - Revised Power Cab PM070 Request for Quotation - Revised Power Cab PM071 Request for Quotation - Revised Details for. PM072 Request for Quotation - Revised Details for. PM073 Removal of 5 nos. of Uncharted Trees at W PM074 Request for Quotation - Extra Length of PB PM075 Request for Quotation - Extra Length of PB PM076 Request for Quotation - Extra Length of PB PM077 Point Load Test for Proof Dril Hole no. PC3, PM078 Request for Quotation - Revised Details of PB PM079 Request for Quotation - Revised Details of PB PM079 Request for Quotation - Revised Details of PB PM079 Request for Quotation - Extra Length of PB PM079 Request for Quotation - Extra Length of PB PM079 Request for Quotation - Revised Details of PB PM079 Request for Quotation - Revised Details of PB PM079 Request for Quotation - Revised Details of PB PM080 Request for Quotation - Revised Details of PB PM090 Request for Quotation - Revised Details of PB PM081 Request for Quotation - Revised Details of PB PM082 Request for Quotation - Revised Details of PB PM084 Request for Quotation - Revised Details of PB PM089 Request for Quotation - Revised Details of PB PM080 Request for Quotation - Revised Details of PB PM090 Request for Quotation - Revised Details of PB PM090 Request for Quotation - Revised Details of PB PM090 Request for Quotation - Revised		0	-	0 017/08(7	06-May-20	30-Sep-23		100%					ļ			iii			. .	
PM057 Request for Quotation - Extra Length of Pre PM058 Request for Quotation - Extra Length of Pre PM059 Request for Quotation - Extra Length of Pre PM060 Additional Material Testing & Concrete Corin PM061 Request for Quotation - Revised Seawall Mc PM062 Point Load Test for Proof Drilling Works of P PM063 Request for Quotation - Details for Abutmen PM064 Request for Quotation - Details for Abutmen PM065 Engaging an Independent HOKLAS Accred Request for Quotation - Details for Abutmen PM066 Request for Quotation - Details for Abutmen PM067 Request for Quotation - Revised Presh Wak PM068 Request for Quotation - Revised Presh Wak PM069 Request for Quotation - Revised Power Cab PM070 Request for Quotation - Revised Power Cab PM070 Request for Quotation - Revised Details for A PM071 Request for Quotation - Revised Details for A PM072 Request for Quotation - Revised Details for A PM073 Removal of 5 nos. of Uncharted Trees at W Request for Quotation - Extra Length of PB PM074 Request for Quotation - Extra Length of PB PM075 Request for Quotation - Extra Length of PB PM076 Request for Quotation - Extra Length of PB PM077 Point Load Test for Proof Drill Hole no. PC3, PM078 Request for Quotation - Revised Drainage E PM079 Request for Quotation - Tropical Cyclone W Request for Quotation - Tropical Cyclone W Request for Quotation - Toxical Proof Drill Role no. PC3, PM080 Engaging a HOKLAS Lab for Compression PM081 Revised Landscape Details at Wan O Road PM082 Request for Quotation - Revised Drainage E PM098 Request for Quotation - Revised Drainage E PM099 Request for Quotation - Revised Drainage E PM099 Request for Quotation - Revised Drainage E Request for Quotation - Revised Drainage E PM099 Request for Quotation - Revised Design for Request for Quotation - Revised Drainage E PM099 Request for Quotation - Revised Design for Request for Quotation - Rev	•	0	-	0 017/08(7	06-May-20	30-Sep-23		100%												
PM058 Request for Quotation - Extra Length of Pre PM069 Request for Quotation - Extra Length of Pre PM060 Additional Material Testing & Concrete Orini PM061 Request for Quotation - Revised Seawall Mc PM062 Point Load Test for Pmof Drilling Works of P PM063 Request for Quotation - Extra Length of Pre PM064 Request for Quotation - Delay in PMMA Pan PM065 Engaging an Independent HOKLAS Accred PM066 Request for Quotation - Delais for Abutmen PM067 Request for Quotation - Delais for Abutmen PM067 Request for Quotation - Revised Fresh Walt PM068 Request for Quotation - Revised Fresh Walt PM069 Request for Quotation - Revised Power Cab PM070 Request for Quotation - Revised Power Cab PM070 Request for Quotation - Revised Details for Abutmen PM071 Request for Quotation - Revised Otalis for PM072 Request for Quotation - Revised Otalis for PM072 Request for Quotation - Revised Otalis for PM073 Removal of S nos. of Uncharted Trees at Walt Request for Quotation - Revised Otalis for PM073 Removal of S nos. of Uncharted Trees at Walt Request for Quotation - Extra Length of PB PM074 Request for Quotation - Extra Length of PB PM075 Request for Quotation - Extra Length of PB PM076 Request for Quotation - Extra Length of PB PM077 Point Load Test for Proof Drill Hole no. PCQ PM078 Request for Quotation - Revised Drainage E PM079 Request for Quotation - Tropical Cyclone Walt Revised Landscape Details at Wan O Road PM080 Engaging a HOKLAS Lab for Compression PM081 Revised Landscape Details at Wan O Road PM082 Request for Quotation - Extra Length of PB PM079 Request for Quotation - Tropical Cyclone Walt Revised Cap PM083 Request for Quotation - Revised Drainage E PM096 Request for Quotation - Revised Drainage E PM098 Request for Quotation - Revised Drainage E PM098 Request for Quotation - Revised Design for Request for Quo		0	-	0 017/08(7	07-May-20	30-Sep-23		100%												
PM059 Request for Quotation - Extra Length of Pre PM060 Additional Material Testing & Concrete Corin PM061 Request for Quotation - Revised Seawall Mk PM062 Point Load Test for Proof Drilling Works of P PM063 Request for Quotation - Extra Length of Pre PM064 Request for Quotation - Delay in PMMA Pan PM065 Engaging an Independent HOKLAS Accred PM066 Request for Quotation - Delais for Abutmen PM067 Request for Quotation - Delais for Abutmen PM067 Request for Quotation - Revised Presh Wale PM068 Request for Quotation - Revised Presh Wale PM069 Request for Quotation - Revised Presh Wale PM070 Request for Quotation - Revised Power Cab PM070 Request for Quotation - Revised Details for PM071 Request for Quotation - Revised Details for PM071 Request for Quotation - Revised Details for PM072 Request for Quotation - Additional Lightning PM073 Removal of 5 nos. of Uncharted Trees at W PM074 Request for Quotation - Extra Length of PB PM075 Request for Quotation - Extra Length of PB PM075 Request for Quotation - Extra Length of PB PM076 Request for Quotation - Extra Length of PB PM077 Point Load Test for Proof Drill Hole no. PC9, PM078 Request for Quotation - Tropical Cyclober PM080 Engaging a HOKLAS Lab for Compression PM081 Revised Landscape Details at Wan O Road PM082 Request for Quotation - Extra Length of PB Request for Quotation - Revised Drainage DRM084 Request for Quotation - Revised Drainage DRM085 Request for Quotation - Revised Drainage DRM086 Request for Quotation - Revised Drainage DRM087 Request for Quotation - Revised Drainage DRM088 Request for Quotation - Revised Drainage DRM089 Request for Quotation - Revised Drainage DRM099 Reque		0		0 017/08(7	20-May-2(30-Sep-23		100%												
PMI060 PMI061 Request for Quotation - Revised Seawall M PMI062 Point Load Test for Proof Drilling Works of P PMI063 Request for Quotation - Extra Length of Pre PMI064 Request for Quotation - Details for Proof PMI065 Engaging an Independent HOKLAS Accred PMI066 Request for Quotation - Details for Abutmen PMI067 Request for Quotation - Details for Abutmen PMI068 Request for Quotation - Revised Fresh Walt PMI069 Request for Quotation - Revised Power Cab PMI069 Request for Quotation - Revised Power Cab PMI070 Request for Quotation - Revised Details for A PMI071 Request for Quotation - Revised Details for A PMI072 Request for Quotation - Revised Details for A PMI073 Removal of 5 nos. of Uncharted Trees at W PMI074 Request for Quotation - Additional Lightning PMI075 Request for Quotation - Extra Length of PB PMI076 Request for Quotation - Extra Length of PB PMI077 Request for Quotation - Extra Length of PB PMI078 Request for Quotation - Extra Length of PB PMI079 Request for Quotation - Revised Drainage D PMI079 Request for Quotation - Revised Drainage D PMI079 Request for Quotation - Revised Drainage D PMI080 Request for Quotation - Extra Length of PB Request for Quotation - Revised Drainage D PMI081 Revised Landscape Details at Wan O Road PMI082 Request for Quotation - Extra Length of PB PMI083 Request for Quotation - Extra Length of PB PMI084 Request for Quotation - Extra Length of PB PMI085 Request for Quotation - Extra Length of PB PMI086 Request for Quotation - Revised Drainage D PMI087 Request for Quotation - Revised Drainage D PMI088 Request for Quotation - Revised Drainage D PMI089 Request for Quotation - Revised Dra	•	0		0 017/08(7	20-May-20	30-Sep-23		100%						:						
PM061 Request for Quotation - Revised Seawall Mc PM062 Point Load Test for Proof Drilling Works of P PM063 Request for Quotation - Extra Length of Pre PM064 Request for Quotation - Delay in PMMA Pan PM065 Engaging an Independent HOKLAS Accred PM066 Request for Quotation - Delay in PMMA Pan PM067 Request for Quotation - Revised Fresh Walk PM068 Request for Quotation - Revised Fresh Walk PM069 Request for Quotation - Revised Power Cab PM070 Request for Quotation - Revised Details for Abutmen PM071 Request for Quotation - Revised Details for Abutmen PM072 Request for Quotation - Revised Details for Abutmen PM073 Removal of 5 nos. of Uncharted Trees at Walk PM074 Request for Quotation - Extra Length of PB PM075 Request for Quotation - Extra Length of PB PM076 Request for Quotation - Extra Length of PB PM077 Point Load Test for Proof Drill Hole no. PC9, PM078 Request for Quotation - Extra Length of PB PM078 Request for Quotation - Tropical Cychone Walk PM080 Engaging a HOKLAS Lab for Compression PM081 Revised Landscape Details at Wan O Road PM082 Request for Quotation - Extra Length of PB PM083 Request for Quotation - Extra Length of PB PM084 Request for Quotation - Revised Drainage D PM085 Request for Quotation - Revised Drainage D PM086 Request for Quotation - Revised Drainage D PM087 Request for Quotation - Revised Drainage D PM088 Request for Quotation - Revised Drainage D PM089 Request for Quotation - Revised Drainage D PM080 Request for Quotation - Revised Drainage D PM081 Revised Landscape Details at Wan O Road PM082 Request for Quotation - Revised Drainage D PM083 Request for Quotation - Revised Drainage D PM084 Request for Quotation - Revised Drainage D PM085 Request for Quotation - Revised Drainage D PM086 Request for Quotation - Revised Drainage D PM087 Request for Quotation - Revised Drainage D PM088 Request for Quotation - Revised Drainage D PM099 Request for Quotation - Revised Drainage D PM090 Request for Quotation - Revised Drainage D PM091 Request for Quotation - Revised Drainage D PM093 Request for	·	0		0 017/08(7	20-May-20	30-Sep-23		100%			1	ļļ	ļ			<u> </u>				
PMI062 Point Load Test for Pro of Drilling Works of P PMI063 Request for Quotation - Extra Length of Pre PMI064 Request for Quotation - Delay in PMMA Pan PMI065 Engaging an Independent HOKLAS Accred PMI066 Request for Quotation - Details for Abutmen PMI067 Request for Quotation - Details for Abutmen PMI068 Request for Quotation - Revised Fresh Walter PMI069 Request for Quotation - Revised Power Cab PMI069 Request for Quotation - Revised Power Cab PMI070 Request for Quotation - Revised Power Cab PMI071 Request for Quotation - Revised Details for PMI072 Request for Quotation - Additional Lightning PMI073 Removal of 5 nos. of Uncharted Trees at W Request for Quotation - Extra Length of PB PMI074 Request for Quotation - Extra Length of PB Request for Quotation - Extra Length of PB PMI075 Request for Quotation - Extra Length of PB Request for Quotation - Extra Length of PB Request for Quotation - Extra Length of PB PMI076 Request for Quotation - Extra Length of PB PMI077 Point Load Test for Pro of Drill Hole no. PC9, PMI078 Request for Quotation - Revised Drainage Details at Wan O Road Request for Quotation - Revised Drainage Details at Wan O Road Revised Landscape Details at Wan O Road PMI080 Request for Quotation - Extra Length of PB PMI081 Request for Quotation - Revised Drainage Details at Wan O Road Request for Quotation - Revised Drainage Details at Wan O Road Request for Quotation - Revised Drainage Details at Wan O Road Request for Quotation - Revised Drainage Details at Wan O Road Request for Quotation - Revised Drainage Details at Wan O Road Request for Quotation - Revised Drainage Details at Wan O Road Request for Quotation - Revised Drainage Details at Wan O Road Request for Quotation - Revised Drainage Details at Wan O Road Request for Quotation - Revised Drainage Details at Wan O Road Request for Quotation - Revised Drainage Details at Wan O Road Request for Quotation - Revised Drainage Details at Wan O Road Request for Quotation - Revised Drainage Details at Wan O Road Request for Quotation - Revised	_	0	-	0 017/08(7	08-Jun-20	30-Sep-23		100%					1 1	:						
PMI063 Request for Quotation - Extra Length of Pre PMI064 Request for Quotation - Delay in PMIMA Pan PMI065 Engaging an Independent HOKLAS Accred PMI066 Request for Quotation - Details for Abutmen PMI067 Request for Quotation - Details for Abutmen PMI068 Request for Quotation - Revised Fresh Wate PMI069 Request for Quotation - Revised Power Cab PMI070 Request for Quotation - Revised Details for . PMI071 Request for Quotation - Revised Details for . PMI072 Request for Quotation - Revised Details for . PMI073 Removal of 5 nos. of Uncharted Trees at W PMI074 Request for Quotation - Extra Length of PB PMI075 Request for Quotation - Extra Length of PB PMI076 Request for Quotation - Extra Length of PB PMI077 Request for Quotation - Extra Length of PB PMI078 Request for Quotation - Extra Length of PB PMI079 Request for Quotation - Extra Length of PB PMI079 Request for Quotation - Revised Drainage D PMI080 Request for Quotation - Tropical Cyclone W PMI080 Engaging a HOKLAS Lab for Compression PMI081 Revised Landscape Details at Wan O Road PMI082 Request for Quotation - Extra Length of PB PMI083 Request for Quotation - Seawall Modification PMI084 Request for Quotation - Revised Drainage D PMI085 Request for Quotation - Revised Drainage D PMI086 Request for Quotation - Revised Drainage D PMI087 Request for Quotation - Revised Drainage D PMI088 Request for Quotation - Revised Drainage D PMI089 Request for Quotation - Revised Drainage D PMI080 Request for Quotation - Revised Design for PMI081 Request for Quotation - Revised Design for PMI082 Request for Quotation - Revised Design for PMI089 Request for Quotation - Revised Design for PMI090 Request for Quotation - Revised Design for PMI091 Request for Quotation - Revised Design for PMI092 Request for Quotation - Revised Design for PMI093 Request for Quotation - Revised Design for PMI099 Request for Quotation - Canflict on of Deta PMI099 Request for Quotation - Conflict between E PMI099 Request for Quotation - Conflict between E PMI099 Request for Quotation - Conflict betwee		0	-	0 017/08(7	12-Jun-20	30-Sep-23		100%						:						
PMI064 Request for Quotation - Delay in PMMA Pan PMI065 Engaging an Independent HOKLAS Accred PMI066 Request for Quotation - Details for Abutmen PMI067 Request for Quotation - Revised Fresh Walt PMI068 Request for Quotation - Revised Fresh Walt PMI068 Request for Quotation - Revised Power Cab PMI069 Request for Quotation - Revised Details for PMI070 Request for Quotation - Revised Details for PMI071 Request for Quotation - Revised Details for PMI072 Request for Quotation - Additional Lightning PMI073 Removal of 5 nos. of Uncharted Trees at W. PMI074 Request for Quotation - Extra Length of PB PMI075 Request for Quotation - Extra Length of PB PMI076 Request for Quotation - Extra Length of PB PMI076 Request for Quotation - Extra Length of PB PMI077 Point Load Test for Proof Drill Hole no. PC9, PMI078 Request for Quotation - Revised Drainage Details at Wan OR Reduest for Quotation - Tropical Cyclone W. PMI080 Engaging a HOKLAS Lab for Compression PMI081 Revised Landscape Details at Wan OR Road PMI082 Request for Quotation - Extra Length of PB PMI083 Request for Quotation - Extra Length of PB PMI084 Request for Quotation - Seawall Modification PMI085 Request for Quotation - Revised Drainage Details at Wan OR Road PMI086 Request for Quotation - Revised Drainage Details - Revised Seawall Modification PMI088 Request for Quotation - Revised Drainage Details - Revised Seawall Modification PMI088 Request for Quotation - Revised Drainage Details - Revised Drainage De	Works of Pre-bored Socketed H-pile No. PC	0		0 017/08(7	10-Jul-20	30-Sep-23		100%												i
PMI065 Engaging an Independent HOKLAS Accred PMI066 Request for Quotation - Details for Abutmen PMI067 Request for Quotation - Details for Abutmen PMI068 Request for Quotation - Revised Fresh Walt PMI069 Request for Quotation - Revised Power Cab PMI070 Request for Quotation - Revised Power Cab PMI070 Request for Quotation - Revised Details for PMI071 Request for Quotation - Revised Details for PMI072 Request for Quotation - Revised of U-Trough PMI072 Request for Quotation - Revised of U-Trough PMI073 Removal of 5 nos. of Uncharted Trees at Walter PMI074 Request for Quotation - Extra Length of PMI075 Request for Quotation - Extra Length of PMI075 Request for Quotation - Extra Length of PMI076 Request for Quotation - Extra Length of PMI077 Point Load Test for Proof Drill Hole no. PC9, PMI078 Request for Quotation - Revised Drainage Empinors Request for Quotation - Tropical Cyclone Walter PMI079 Request for Quotation - Tropical Cyclone Walter PMI080 Engaging a HOKLAS Lab for Compression PMI081 Revised Landscape Details at Wan O Road PMI082 Request for Quotation - Extra Length of PMI083 Request for Quotation - Extra Length of PMI084 Request for Quotation - Extra Length of PMI085 Request for Quotation - Revised the Type of PMI086 Request for Quotation - Revised Drainage Empinor PMI088 Request for Quotation - Revised Design for PMI088 Request for Quotation - Revised Design for PMI089 Request for Quotation - Revised Design for PMI090 Request for Quotation - Revised Design for PMI090 Request for Quotation - Revised Design for PMI090 Request for Quotation - Revision of M.J. Design PMI091 Request for Quotation - Revision of M.J. Design PMI093 Request for Quotation - Revision of M.J. Design PMI099 Request for Quotation - Revision of the Extra Length of Pmi099 Request for Quotation - Revision of the Extra PMI099 Request for Quotation - Revision of the Extra PMI099 Request for Quotation - Revision of the Extra PMI099 Request for Quotation - Revision of the Extra PMI099 Request for Quotation - Revision of the Extra PMI099 Re	*	0	-	0 017/08(7	27-Jul-20	30-Sep-23		100%						:						
PMI066 Request for Quotation - Details for Abutmen PMI067 Request for Quotation - Revised Fresh Walts PMI068 Request for Quotation - Revised Presh Walts PMI069 Request for Quotation - Revised Power Cab PMI070 Request for Quotation - Revised Power Cab PMI071 Request for Quotation - Revised Details for PMI071 Request for Quotation - Revised Details for PMI072 Request for Quotation - Additional Lightning PMI073 Removal of 5 nos. of Uncharted Trees at W PMI074 Request for Quotation - Extra Length of PB PMI075 Request for Quotation - Extra Length of PB PMI075 Request for Quotation - Extra Length of PB PMI076 Request for Quotation - Extra Length of PB PMI077 Point Load Test for Proof Drill Hole no. PC3, PMI078 Request for Quotation - Revised Drainage E PMI079 Request for Quotation - Tropical Cyclone W PMI080 Engaging a HOKLAS Lab for Compression PMI081 Revised Landscape Details at Wan O Road PMI082 Request for Quotation - Extra Length of PB PMI083 Request for Quotation - Extra Length of PB PMI084 Request for Quotation - Seawall Modification PMI085 Request for Quotation - Revised Drainage E PMI086 Request for Quotation - Revised Drainage E PMI087 Request for Quotation - Revised Drainage D PMI088 Request for Quotation - Revised Drainage D PMI089 Request for Quotation - Revised Drainage D PMI090 Request for Quotation - Revised Drainage D PMI091 Request for Quotation - Revised Drainage D PMI099 Request for Quotation - Revised Drainage D PMI090 Request for Quotation - Revised Drainage D PMI091 Request for Quotation - Revised Drainage D PMI099 Request for Quotation - Revised Drainage D PMI099 Request for Quotation - Revision of the Extra PMI099 Request for Quotation - Revision of the Extra PMI099 Request for Quotation - Revision		0		0 017/08(7	27-Jul-20 i	30-Sep-23		100%		<u> </u>			ļ			ļ				
PMI067 Request for Quotation - Revised Fresh Walter PMI068 Request for Quotation - Cancellation of Pres PMI069 Request for Quotation - Cancellation of Pres PMI070 Request for Quotation - Revised Power Cab PMI071 Request for Quotation - Revised Details for I PMI072 Request for Quotation - Revised of U-Trougl PMI073 Removal of 5 nos. of Uncharted Trees at W Request for Quotation - Extra Length of PB PMI074 Request for Quotation - Extra Length of PB PMI075 Request for Quotation - Extra Length of PB PMI076 Request for Quotation - Extra Length of PB PMI077 Point Load Test for Proof Drill Hole no. PC9, PMI078 Request for Quotation - Revised Drainage D PMI079 Request for Quotation - Tropical Cyclone Walter PMI080 Engaging a HOKLAS Lab for Compression PMI081 Revised Landscape Details at Wan O Road PMI082 Request for Quotation - Top Level of the Co PMI083 Request for Quotation - Seawall Modification PMI084 Request for Quotation - Seawall Modification PMI085 Request for Quotation - Works affect ed by t PMI086 Request for Quotation - Revised Design for PMI087 Request for Quotation - Revised Design for PMI088 Request for Quotation - Revised Design for PMI089 Request for Quotation - Revised Design for PMI090 Request for Quotation - Revised Design for PMI091 Request for Quotation - Revised Design for PMI092 Request for Quotation - Revised Design for PMI093 Request for Quotation - Revised Design for PMI094 Request for Quotation - Revised Design for PMI095 Request for Quotation - Revised Design for PMI096 Request for Quotation - Revised Design for PMI097 Request for Quotation - Revised Design for PMI099 Request for Quotation - Revised Design for PMI090 Request for Quotation - Revised Design for PMI091 Request for Quotation - Revised Design for PMI092 Request for Quotation - Revised Design for PMI093 Request for Quotation - Revised Design for PMI099 Request for Quotation - Revised Design for PMI099 Request for Quotation - Revise Design for PMI099 Request for Quotation - Revise Design for PMI099 Request for Quotation - Revise De	· · · · · · · · · · · · · · · · · · ·	0	-	0 017/08(7	10-Aug-20	30-Sep-23		100%												
PMI068 Request for Quotation - Cancellation of Presephiose PMi070 Request for Quotation - Revised Power Cab PMi071 Request for Quotation - Revised Details for PMi071 Request for Quotation - Revised Details for PMi072 Request for Quotation - Additional Lightning PMi073 Removal of 5 nos. of Uncharted Trees at W. PMi074 Request for Quotation - Extra Length of PB PMi075 Request for Quotation - Extra Length of PB PMi076 Request for Quotation - Extra Length of PB PMi077 Point Load Test for Proof Drill Hole no. PC9, PMi078 Request for Quotation - Revised Drainage Details at Wan O Road PMi080 Engaging a HOKLAS Lab for Compression PMi081 Revised Landscape Details at Wan O Road PMi082 Request for Quotation - Extra Length of PB PMi083 Request for Quotation - Top Level of the Co PMi084 Request for Quotation - Seawall Modification PMi085 Request for Quotation - Works affect ed by t PMi086 Request for Quotation - Revised Design for PMi087 Request for Quotation - Revised Design for PMi088 Request for Quotation - Revised Design for PMi089 Request for Quotation - Revised Design for PMi090 Request for Quotation - Revised Design for PMi091 Request for Quotation - Revised Design for PMi092 Request for Quotation - Revised Design for PMi093 Request for Quotation - Revised Design for PMi094 Request for Quotation - Revised Design for PMi095 Request for Quotation - Revised Design for PMi096 Request for Quotation - Revised Design for PMi097 Request for Quotation - Revised Design for PMi099 Request for Quotation - Revised Design for PMi099 Request for Quotation - Revised Design for PMi090 Request for Quotation - Revised Design for PMi091 Request for Quotation - Revised Design for PMi092 Request for Quotation - Revised Design for PMi093 Request for Quotation - Revised Design for PMi094 Removal of Uncharted Tree Nos. A0006 and PMi095 Request for Quotation - Revision of Interface PMi096 Request for Quotation - Revision of Interface PMi097 Request for Quotation - Revision of PMi1. De PMi100 Request for Quotation - Update Details of S PMi100		0		0 017/08(7	18-Aug-2(30-Sep-23		100%												
PM069 Request for Quotation - Revised Power Cab PM070 Request for Quotation - Revised Details for / PM071 Request for Quotation - Revised of U-Troug PM072 Request for Quotation - Additional Lightning PM073 Removal of 5 nos. of Uncharted Trees at W PM074 Request for Quotation - Extra Length of PB PM075 Request for Quotation - Extra Length of PB PM076 Request for Quotation - Extra Length of PB PM077 Point Load Test for Proof Drill Hole no. PC9, PM078 Request for Quotation - Revised Drainage D PM079 Request for Quotation - Tropical Cyclone W PM080 Engaging a HOKLAS Lab for Compression PM081 Revised Landscape Details at Wan O Road PM082 Request for Quotation - Top Level of the Co PM083 Request for Quotation - Top Level of the Co PM084 Request for Quotation - Seawall Modification PM085 Request for Quotation - Works affected by t PM086 Request for Quotation - Works affected by t PM087 Request for Quotation - Revised the Type o PM088 Request for Quotation - Revised Drainage D PM089 Request for Quotation - Revised Drainage D PM089 Request for Quotation - Revised Drainage D PM090 Request for Quotation - Revised Drainage D PM091 Request for Quotation - Revised Drainage D PM092 Request for Quotation - Revised Drainage D PM093 Request for Quotation - Revised Drainage D PM090 Request for Quotation - Revised Drainage D PM091 Request for Quotation - Revision of M.J. De PM092 Request for Quotation - Revision of M.J. De PM093 Request for Quotation - Revision of Deta PM094 Removal of Uncharted Tree Nos. A0006 are PM095 Request for Quotation - Revision of Interface PM096 Request for Quotation - Conflict between E PM097 Request for Quotation - Conflict between E PM098 Request for Quotation - Revision of Deta PM099 Additional R.C. Corbel and Structural Steele PM100 Request for Quotation - Lodaftication of Deta PM100 Request for Quotation - Lodaftication of Deta PM100 Request for Quotation - Lodaftication of Deta PM101 Provision of Temporary Concrete Pavement PM102 Provision of Temporary Concrete Pavement PM103 Request for Quotation	•	0	-	0 017/08(7	27-Aug-2(30-Sep-23		100%												
PMI070 Request for Quotation - Revised Details for PMI071 Request for Quotation - Revised of U-Trough PMI072 Request for Quotation - Revised of U-Trough PMI073 Removal of 5 nos. of Uncharted Trees at W PMI074 Request for Quotation - Extra Length of PB PMI075 Request for Quotation - Extra Length of PB PMI076 Request for Quotation - Extra Length of PB PMI076 Request for Quotation - Extra Length of PB PMI077 Point Load Test for Proof DTII Hole no. PC9, PMI078 Request for Quotation - Revised Drainage DPMI079 Request for Quotation - Revised Drainage DPMI079 Request for Quotation - Tropical Cyclone William PMI080 Engaging a HOKLAS Lab for Compression PMI081 Revised Landscape Details at Wan O Road Request for Quotation - Top Level of the Compression Revised Landscape Details at Wan O Road Request for Quotation - Extra Length of PB PMI083 Request for Quotation - Extra Length of PB PMI084 Request for Quotation - Seawall Modification PMI085 Request for Quotation - Revised the Type of PMI086 Request for Quotation - Revised the Type of PMI087 Request for Quotation - Revised Drainage DPMI088 Request for Quotation - Revised Drainage DPMI089 Request for Quotation - Revised Drainage DPMI090 Request for Quotation - Revision of MJ. De Request for Quotation - Revision Of Interface PMI099 Request for Q		0		0 017/08(7	01-Sep-2(30-Sep-23		100%												
PMI071 Request for Quotation - Revised of U-Trough PMI072 Request for Quotation - Additional Lightning PMI073 Removal of 5 nos. of Uncharted Trees at W Request for Quotation - Extra Length of PB PMI075 Request for Quotation - Extra Length of PB PMI075 Request for Quotation - Extra Length of PB PMI076 Request for Quotation - Extra Length of PB PMI077 Point Load Test for Proof Drill Hole no. PC9, PMI078 Request for Quotation - Revised Drainage E PMI079 Request for Quotation - Tropical Cyclone W Request for Quotation - Tropical Cyclone W Request for Quotation - Tropical Cyclone W Request for Quotation - Top Level of the Company of PMI081 Revised Landscape Details at Wan O Road PMI082 Request for Quotation - Extra Length of PB PMI084 Request for Quotation - Extra Length of PB PMI085 Request for Quotation - Extra Length of PB PMI086 Request for Quotation - Top Level of the Company of PMI087 Request for Quotation - Seawall Modification PMI088 Request for Quotation - Revised the Type of PMI089 Request for Quotation - Revised Design for PMI089 Request for Quotation - Revised Design for PMI089 Request for Quotation - Revised Design for PMI090 Request for Quotation - Revised Design for PMI091 Request for Quotation - Revised Design for PMI092 Request for Quotation - Revised Design for Request for Quotation - Revised Design for PMI099 Request for Quotation - Revised Design for Request for Quotation - Revised Design for PMI099 Request for Quotation - Revised Design for Request for Quotation - Revised Design for PMI099 Request for Quotation - Revised Design for Request for Quotation - Revised Design for PMI099 Request for Quotation - Revised Design for Request for Quotation - Revised Design for PMI094 Removal of Uncharted Tree Nos. A0006 and Request for Quotation - Revision of Interface PMI099 Request for Quotation - Revision of Interface PMI099 Request for Quotation - Revision of Interface PMI099 Request for Quotation - Conflict Detween Expending PMI099 Request for Quotation - Additional Covil Provision of Temporary Concret	. .	0	-	0 017/08(7	02-Sep-2(30-Sep-23		100%	I - III				ļ			ii.				
PMI072 Request for Quotation - Additional Lightning PMI073 Removal of 5 nos. of Uncharted Trees at W. PMI074 Request for Quotation - Extra Length of PB PMI075 Request for Quotation - Extra Length of PB PMI076 Request for Quotation - Extra Length of PB PMI076 Request for Quotation - Extra Length of PB PMI077 Point Load Test for Proof Drill Hole no. PC9, PMI078 Request for Quotation - Revised Drainage D PMI079 Request for Quotation - Revised Drainage D PMI079 Request for Quotation - Tropical Cyclone W. PMI080 Engaging a HOKLAS Lab for Compression PMI081 Revised Landscape Details at Wan O Road PMI082 Request for Quotation - Top Level of the Company of PMI083 Request for Quotation - Extra Length of PB PMI084 Request for Quotation - Extra Length of PB PMI085 Request for Quotation - Revised the Type of PMI086 Request for Quotation - Revised Design for PMI087 Request for Quotation - Revised Design for PMI088 Request for Quotation - Revised Design for PMI089 Request for Quotation - Revised Design for PMI090 Request for Quotation - Revised Design for PMI090 Request for Quotation - Revised Design for PMI091 Request for Quotation - Revised Design for PMI092 Request for Quotation - Revised Design for PMI099 Request for Quotation - Revised Design for PMI099 Request for Quotation - Revised Design for PMI099 Request for Quotation - Revision of M.J. De PMI099 Request for Quotation - Revision of M.J. De PMI099 Request for Quotation - Revision of M.J. De PMI099 Request for Quotation - Revision of the Exte PMI099 Request for Quotation - Revision of the Exte PMI099 Request for Quotation - Revision of the Exte PMI099 Additional R.C. Corbel and Structural Steeley PMI101 Point Load Test for Prof Drill Hole no. PD-1 PMI101 Point Load Test for Prof Drill Hole no. PD-1 PMI101 Point Load Test for Prof Drill Hole no. PD-1 PMI103 Request for Quotation - Additional TCSS Ch. PMI105 Resuest for Quotation - Additional Civil Provision of Temporary Concrete Pavement PMI109 Request for Quotation - Additional Civil Provision of Request for Quotati		0	-	0 017/08(7	10-Sep-2(30-Sep-23		100%						:						
PMI073 Removal of 5 nos. of Uncharted Trees at W. PMI074 Request for Quotation - Extra Length of PB. PMI075 Request for Quotation - Extra Length of PB. PMI076 Request for Quotation - Extra Length of PB. PMI076 Request for Quotation - Extra Length of PB. PMI077 Point Load Test for Proof Drill Hole no. PC9, PMI078 Request for Quotation - Revised Drainage E. PMI079 Request for Quotation - Revised Drainage E. PMI079 Request for Quotation - Tropical Cyclone W. PMI080 Engaging a HOKLAS Lab for Compression PMI081 Revised Landscape Details at Wan O Road PMI082 Request for Quotation - Top Level of the Co. PMI083 Request for Quotation - Extra Length of PB. PMI084 Request for Quotation - Extra Length of PB. PMI085 Request for Quotation - Revised Landscape Details at Wan O Road PMI085 Request for Quotation - Revised the Type of PMI086 Request for Quotation - Revised Drainage E. PMI087 Request for Quotation - Revised Drainage E. PMI088 Request for Quotation - Revised Design for PMI089 Request for Quotation - Revised Drainage E. PMI090 Request for Quotation - Revised Drainage E. PMI091 Request for Quotation - Revision of M.J. De PMI092 Request for Quotation - Revision of M.J. De PMI094 Removal of Uncharted Tree Nos. A0006 and PMI095 Request for Quotation - Revision of Interface PMI096 Request for Quotation - Revision of Interface PMI099 Additional R.C. Corbel and Structural Steeled PMI099 Additional R.C. Corbel and Structural Steeled PMI099 Additional Request for Quotation - Conflication - PMI101 Point Load Test for Prof Drill Hole no. PD-1 PMI101 Point Load Test for Prof Drill Hole no. PD-1 PMI101 Request for Quotation - Additional TCSS Ch. PMI105 Resvest for Quotation - Additional Civil Provision of Temporary Concrete Pavement PMI101 Request for Quotation - Additional Civil Provision - Additiona	<u>.</u>	0	-	0 017/08(7	06-Oct-20	30-Sep-23		100%												
PMI074 Request for Quotation - Extra Length of PB PMI075 Request for Quotation - Extra Length of PB PMI076 Request for Quotation - Extra Length of PB PMI077 Point Load Test for Proof Drill Hole no. PC9, PMI078 Request for Quotation - Revised Drainage D PMI079 Request for Quotation - Tropical Cyclone Wis PMI080 Engaging a HOKLAS Lab for Compression PMI081 Revised Landscape Details at Wan O Road PMI082 Request for Quotation - Top Level of the Co PMI083 Request for Quotation - Extra Length of PB PMI084 Request for Quotation - Seawall Modification PMI085 Request for Quotation - Works affect de by t PMI086 Request for Quotation - Revised the Type or PMI087 Request for Quotation - Revised the Type or PMI088 Request for Quotation - Revised Design for PMI089 Request for Quotation - Revised Design for PMI090 Request for Quotation - Revised Design for PMI091 Request for Quotation - Revised Design for PMI092 Request for Quotation - Revised Design for PRI092 Request for Quotation - Revised Design for PRI093 Request for Quotation - Revised Design for PRI099 Request for Quotation - Revision of M.J. De Request for Quotation - Revision of M.J. De Removal of Uncharted Tree Nos. A0006 and PMI095 Request for Quotation - Revision of Interfact PMI096 Request for Quotation - Revision of the Exte PMI099 Additional R.C. Corbel and Structural Steele PMI099 Additional R.C. Corbel and Structural Steele PMI009 PMI101 Point Load Test for Proof Drill Hole no. PD-1 PMI102 Provision of Temporary Ooncrete Pavement PMI103 Request for Quotation - Additional TCSS Ch PMI105 Resk Assessment for Lightning Protection Sy PMI106 Request for Quotation - Additional Civil Prov		0		0 017/08(7	16-Sep-2(30-Sep-23		100%												
PMI075 Request for Quotation - Extra Length of PB PMI076 Request for Quotation - Extra Length of PB PMI077 Point Load Test for Proof Drill Hole no. PC9, PMI078 Request for Quotation - Revised Drainage D PMI079 Request for Quotation - Tropical Cyclone W: PMI080 Engaging a HOKLAS Lab for Compression PMI081 Revised Landscape Details at Wan O Road PMI082 Request for Quotation - Top Level of the Co PMI083 Request for Quotation - Extra Length of PB PMI084 Request for Quotation - Seawall Modification PMI085 Request for Quotation - Works affect ed by t PMI086 Request for Quotation - Revised the Type or PMI087 Request for Quotation - Revised Design for PMI088 Request for Quotation - Revised Design for PMI089 PMI090 Request for Quotation - Revised Design for PMI091 Request for Quotation - Revised Design for PMI092 Request for Quotation - Revised Design for PMI093 Request for Quotation - Additional Footpath PMI094 Removal of Uncharted Tree Nos. A0006 and PMI095 Request for Quotation - Revision of M.J. De PMI096 Request for Quotation - Revision of Interface PMI097 Request for Quotation - Revision of Interface PMI098 Request for Quotation - Revision of Interface PMI099 Request for Quotation - Revision of The Exte PMI099 Request for Quotation - Revision of The Exte PMI099 Request for Quotation - Conflict between Extended to Point Load Test for Proof Drill Hole no. PD-1 PMI101 PMI102 Provision of Temporary Concrete Pawment PMI103 Request for Quotation - Additional TCSS Co. PMI105 Request for Quotation - Additional TCSS Co. PMI106 Request for Quotation - Additional TCSS Co. PMI107 Request for Quotation - Additional TCSS Co. PMI108 Request for Quotation - Additional TCSS Co. PMI109 Request for Quotation - Additional TCSS Co. PMI109 Request for Quotation - Additional TCSS Co. PMI109 Request for Quotation - Additional Co. II Provision of Temporary Concrete Pawment PMI101 Request for Quotation - Additional Co. II Provision of Temporary Concrete Pawment PMI103 Request for Quotation - Additional Co. II Provision of Temporary Concret		0	-	0 017/08(7	16-Sep-2(30-Sep-23		100%												
PMI076 Request for Quotation - Extra Length of PB PMI077 Point Load Test for Proof Drill Hole no. PC9, PMI078 Request for Quotation - Revised Drainage D PMI079 Request for Quotation - Tropical Cyclone Wi PMI080 Engaging a HOKLAS Lab for Compression PMI081 Revised Landscape Details at Wan O Road PMI082 Request for Quotation - Top Level of the Co PMI083 Request for Quotation - Extra Length of PB PMI084 Request for Quotation - Seawall Modification PMI085 PMI086 Request for Quotation - Works affected by t PMI086 Request for Quotation - Revised the Type of PMI087 Request for Quotation - Revised Design for PMI088 Request for Quotation - Revised Design for PMI089 PMI090 Request for Quotation - Revised Design for PMI090 Request for Quotation - Extra Length of Pe Request for Quotation - Revised Drainage D PMI091 Request for Quotation - Revised Drainage D PMI092 Request for Quotation - Revised Drainage D PMI093 Request for Quotation - Revised Orainage D PMI094 Removal of Uncharted Tree Nos. A0006 and PMI095 Request for Quotation - Revision of Interface PMI096 Request for Quotation - Revision of Interface PMI097 Request for Quotation - Revision of Interface PMI098 Engaging a HOKLAS Accredited Independe PMI099 Additional R.C. Corbel and Structural Steeled PMI099 PMI101 Point Load Test for Proof Drill Hole no. PD-1 PMI102 Provision of Temporary Concrete Pavement PMI103 Request for Quotation - Additional TCSS Ch PMI104 Request for Quotation - Additional TCSS Ch PMI105 Respect for Quotation - Additional TCSS Ch PMI106 Request for Quotation - Additional TCSS Ch PMI107 Request for Quotation - Additional TCSS Ch PMI108 Request for Quotation - Additional TCSS Ch PMI109 PMI109 Request for Quotation - Additional TCSS Ch PMI109 Request for Quotation - Additional Civil Prov	*	0		0 017/08(7	17-Sep-2(30-Sep-23		100%					ļ			ii.				
PMI077 Point Load Test for Proof Drill Hole no. PC9, PMI078 Request for Quotation - Revised Drainage D PMI079 Request for Quotation - Tropical Cyclone Wi PMI080 Engaging a HOKLAS Lab for Compression PMI081 Revised Landscape Details at Wan O Road PMI082 Request for Quotation - Top Level of the Co PMI083 Request for Quotation - Extra Length of PB PMI084 Request for Quotation - Seawall Modification PMI085 Request for Quotation - Works affected by t PMI086 Request for Quotation - Works affected by t PMI087 Request for Quotation - Revised the Type o PMI088 Request for Quotation - Revised Design for PMI089 Request for Quotation - Revised Design for PMI090 Request for Quotation - Revised Design for PMI091 Request for Quotation - Extra Length of Pre PMI092 Request for Quotation - Extra Length of Pre PMI093 Request for Quotation - Revision of MJ. De PMI094 Removal of Uncharted Tree Nos. A0006 arc PMI095 Request for Quotation - Revision of Interface PMI096 Request for Quotation - Revision of Interface PMI097 Request for Quotation - Revision of the Exte PMI098 Engaging a HOKLAS Accredited Independe PMI099 Additional R.C. Corbel and Structural Steeled PMI100 Request for Quotation - Conflict between Ex- PMI101 PMI102 Provision of Temporary Concrete Pavement PMI102 PMI103 Request for Quotation - Additional TCSS Cic PMI105 Resquest for Quotation - Additional TCSS Cic PMI106 Request for Quotation - Additional TCSS Cic PMI105 Resquest for Quotation - Additional Civil Prov	<u> </u>	0	-	0 017/08(7	17-Sep-2(30-Sep-23		100%						:						:
PMI078 Request for Quotation - Revised Drainage D PMI079 Request for Quotation - Tropical Cyclone Wi PMI080 Engaging a HOKLAS Lab for Compression PMI081 Revised Landscape Details at Wan O Road PMI082 Request for Quotation - Top Level of the Co PMI083 Request for Quotation - Extra Length of PB PMI084 Request for Quotation - Seawall Modification PMI085 Request for Quotation - Works affected by t PMI086 Request for Quotation - Works affected by t PMI087 Request for Quotation - Hevised the Type o PMI088 Request for Quotation - Revised Design for PMI089 Request for Quotation - Revised Design for PMI090 Request for Quotation - Revised Design for PMI091 Request for Quotation - Extra Length of Pre PMI092 Request for Quotation - Extra Length of Pre PMI093 Request for Quotation - Extra Length of Pre PMI094 Removal of Uncharted Tree Nos. A0006 and PMI095 Request for Quotation - Revision of Interface PMI096 Request for Quotation - Revision of Interface PMI097 Request for Quotation - Revision of the Extra PMI098 Engaging a HOKLAS Accredited Independe PMI099 Additional R.C. Corbel and Structural Steeler PMI100 Request for Quotation - Conflict between Extra PMI101 Point Load Test for Proof Drill Hole no. PD-1 PMI102 Provision of Temporary Concrete Pavement PMI103 Request for Quotation - Additional TCSS Ch PMI104 Request for Quotation - Additional TCSS Ch PMI105 Resquest for Quotation - Additional TCSS Ch PMI106 Request for Quotation - Additional Civil Prov	· ·	0		0 017/08(7	17-Sep-2(30-Sep-23		100%												
PMI079 Request for Quotation - Tropical Cyclone WipMi080 Engaging a HOKLAS Lab for Compression PMI081 Revised Landscape Details at Wan O Road PMI082 Request for Quotation - Top Level of the Compression Request for Quotation - Extra Length of PB PMI083 Request for Quotation - Extra Length of PB PMI084 Request for Quotation - Seawall Modification PMI085 Request for Quotation - Works affect ed by the PMI086 Request for Quotation - Revised the Type of PMI087 Request for Quotation - Revised Design for PMI088 Request for Quotation - Revised Design for PMI089 Request for Quotation - Revised Design for PMI090 Request for Quotation - Revised Design for PMI091 Request for Quotation - Extra Length of Pre PMI092 Request for Quotation - Extra Length of Pre PMI093 Request for Quotation - Revision of M.J. De PMI094 Removal of Uncharted Tree Nos. A0006 and PMI095 Request for Quotation - Revision of Interface PMI096 Request for Quotation - Revision of Interface PMI097 Request for Quotation - Revision of Interface PMI098 Request for Quotation - Revision of the Extra PMI099 Additional R.C. Corbel and Structural Steeley PMI100 Request for Quotation - Conflication of PMI100 Request for Quotation - Conflication PMI101 Point Load Test for Proof Drill Hole no. PD-1 PMI102 Provision of Temporary Concrete Pavement PMI103 Request for Quotation - Additional TCSS Ch. PMI105 Resquest for Quotation - Additional Civil Prov		0		0 017/08(7	07-Oct-20	30-Sep-23		100%												
PMI080 Engaging a HOKLAS Lab for Compression PMI081 Revised Landscape Details at Wan O Road PMI082 Request for Quotation - Top Level of the Co PMI083 Request for Quotation - Extra Length of PB PMI084 Request for Quotation - Seawall Modification PMI085 Request for Quotation - Works affect ed by t PMI086 Request for Quotation - Revised the Type o PMI087 Request for Quotation - Revised the Type o PMI088 Request for Quotation - Revised Design for PMI089 Request for Quotation - Revised Design for PMI090 Request for Quotation - Revised Design for PMI091 Request for Quotation - Revised Design for PMI092 Request for Quotation - Extra Length of Pre PMI093 Request for Quotation - Additional Footpath PMI094 Removal of Uncharted Tree Nos. A0006 and PMI095 Request for Quotation - Revision of MJ. De Removal of Uncharted Tree Nos. A0006 and PMI096 Request for Quotation - Revision of the Exte PMI098 Engaging a HOKLAS Accredited Independe PMI099 Additional R.C. Corbel and Structural Steeled PMI090 Request for Quotation - Conflication Deviation PMI101 Point Load Test for Proof Drill Hole no. PD-1 PMI102 Provision of Temporary Concrete Pavement PMI103 Request for Quotation - Additional TCSS Ch PMI105 Resquest for Quotation - Additional TCSS Ch PMI106 Request for Quotation - Additional TCSS Ch PMI106 Request for Quotation - Additional Civil Prov	•	0	-	0 017/08(7	16-Oct-20	30-Sep-23		100%												
PMI081 Revised Landscape Details at Wan O Road PMI082 Request for Quotation - Top Level of the Co PMI083 Request for Quotation - Extra Length of PB PMI084 Request for Quotation - Seawall Modification PMI085 Request for Quotation - Works affect ed by t PMI086 Request for Quotation - Revised the Type or PMI087 Request for Quotation - Revised Design for PMI088 Request for Quotation - Revised Design for PMI089 Request for Quotation - Revised Design for PMI090 Request for Quotation - Revised Design for PMI091 Request for Quotation - Revised Design for PMI092 Request for Quotation - Extra Length of Pre PMI093 Request for Quotation - Additional Footpath PMI094 Removal of Uncharted Tree Nos. A0006 and PMI095 Request for Quotation - Revision of Interface PMI096 Request for Quotation - Revision of Interface PMI097 Request for Quotation - Revision of Interface PMI098 Engaging a HOKLAS Accredited Independe PMI099 Additional R.C. Corbel and Structural Steeled PMI100 Request for Quotation - Conflict between Expending to the Point Load Test for Proof Drill Hole no. PD-1 PMI101 POINT Request for Quotation - Update Details of S PMI103 Request for Quotation - Additional TCSS Ch PMI103 Request for Quotation - Additional TCSS Ch PMI104 Request for Quotation - Additional Civil Prov		0	-	0 017/08(7	22-Oct-20	30-Sep-23		100%					ļ			ii.				
PMI082 Request for Quotation - Top Level of the Co PMI083 Request for Quotation - Extra Length of PB PMI084 Request for Quotation - Extra Length of PB PMI085 Request for Quotation - Seawall Modification PMI085 Request for Quotation - Revised the Type or PMI086 Request for Quotation - Revised the Type or PMI087 Request for Quotation - Level Rock S PMI088 Request for Quotation - Revised Design for PMI089 Request for Quotation - Revised Design for PMI090 Request for Quotation - Revised Design for PMI091 Request for Quotation - Revised Design for PMI092 Request for Quotation - Extra Length of Pre PMI093 Request for Quotation - Additional Footpath PMI094 Removal of Uncharted Tree Nos. A0006 and PMI095 Request for Quotation - Revision of MJ. De PMI096 Request for Quotation - Revision of Interface PMI097 Request for Quotation - Revision of Deta PMI098 Engaging a HOKLAS Accredited Independe PMI099 Additional R.C. Corbel and Structural Steeled PMI100 Request for Quotation - Conflict between Expenditure of Provision of Temporary Oncrete Pavement PMI101 Point Load Test for Prof Drill Hote no. PD-1 PMI102 Provision of Temporary Oncrete Pavement PMI103 Request for Quotation - Additional TCSS Ch PMI105 Risk Assessment for Lightning Protection Sy PMI106 Request for Quotation - Additional Civil Prov	· · · · · · · · · · · · · · · · · · ·	0		0 017/08(7	27-Oct-20	30-Sep-23		100% 020 td 2	5 July 20	©PO,										
PMI083 Request for Quotation - Extra Length of PB PMI084 Request for Quotation - Seawall Modification PMI085 Request for Quotation - Works affect ed by to PMI086 Request for Quotation - Revised the Type of PMI087 Request for Quotation - Inexpected Rock S PMI088 Request for Quotation - Revised Design for PMI089 Request for Quotation - Revised Design for PMI090 Request for Quotation - Revised Design for PMI091 Request for Quotation - Revised Design for PMI092 Request for Quotation - Extra Length of Pre PMI093 Request for Quotation - Additional Footpath PMI094 Removal of Uncharted Tree Nos. A0006 and PMI095 Request for Quotation - Revision of Interface PMI096 Request for Quotation - Carification of Deta PMI097 Request for Quotation - Carification of Deta PMI099 Request for Quotation - Revision of the Exte PMI099 Additional R.C. Corbel and Structural Steek PMI100 Request for Quotation - Conflict between Expending and Post of Temporary Concrete Pavement PMI101 Point Load Test for Proof Drill Hole no. PD-1 PMI102 Provision of Temporary Concrete Pavement PMI103 Request for Quotation - Additional TCSS Co. PMI105 Risk Assessment for Lightning Protection Sy PMI106 Request for Quotation - Additional Civil Prov		0		0 017/08(7	27-Oct-20	30-Sep-23		100%												
PMI084 Request for Quotation - Seawall Modification PMI085 Request for Quotation - Works affect ed by t PMI086 Request for Quotation - Works affect ed by t PMI087 Request for Quotation - Revised the Type o PMI088 Request for Quotation - Revised Design for PMI089 Request for Quotation - Revised Design for PMI090 Request for Quotation - Revised Design for PMI091 Request for Quotation - Revised Drainage E PMI092 Request for Quotation - Extra Length of Pre PMI093 Request for Quotation - Revision of M.J. De PMI094 Removal of Uncharted Tree Nos. A0006 and PMI095 Request for Quotation - Revision of Interface PMI096 Request for Quotation - Revision of Interface PMI097 Request for Quotation - Carification of Deta PMI098 Request for Quotation - Revision of the Exte PMI099 Additional R.C. Corbel and Structural Steelw PMI100 Request for Quotation - Conflict between Expending to the PMI099 Request for Quotation - Conflict Detween Expending to the PMI091 Point Load Test for Proof Drill Hole no. PD-1 PMI101 Provision of Temporary Concrete Pavement PMI103 Request for Quotation - Additional TCSS Co. PMI105 Risk Assessment for Lightning Protection Sy PMI106 Request for Quotation - Additional Civil Prov		0	0	0 017/08(7	04-Nov-20	30-Sep-23	0	100% rks for F	ortidn (i,											į
PMI085 Request for Quotation - Works affected by t PMI086 Request for Quotation - Revised the Type of PMI087 Request for Quotation - Revised the Type of PMI088 Request for Quotation - Revised Design for PMI089 Request for Quotation - Revised Design for PMI090 Request for Quotation - Revised Design for PMI091 Request for Quotation - Revised Drainage E PMI092 Request for Quotation - Extra Length of Pre PMI093 Request for Quotation - Additional Footpath PMI093 Request for Quotation - Revision of MJ. De PMI094 Removal of Uncharted Tree Nos. A0006 and PMI095 Request for Quotation - Revision of Interface PMI096 Request for Quotation - Revision of Interface PMI097 Request for Quotation - Revision of the Exte PMI098 Engaging a HOKLAS Accredited Independe PMI099 Additional R. C. Corbel and Structural Steele PMI100 Request for Quotation - Conflict between Eb PMI101 Point Load Test for Proof Drill Hole no. PD-1 PMI102 Provision of Temporary Concrete Pavement PMI103 Request for Quotation - Update Details of S PMI104 Request for Quotation - Additional TCSS Ch PMI105 Risk Assessment for Lightning Protection Sy PMI106 Request for Quotation - Additional Civil Prov		0	0	0 017/08(7	04-Nov-20	30-Sep-23	0	100%												1
PMI086 Request for Quotation - Revised the Type of PMI087 Request for Quotation - Unexpected Rock S PMI088 Request for Quotation - Unexpected Rock S PMI089 Request for Quotation - Revised Design for PMI089 Request for Quotation - Revised Design for PMI090 Request for Quotation - Revised Drainage D PMI091 Request for Quotation - Extra Length of Pre PMI092 Request for Quotation - Extra Length of Pre PMI093 Request for Quotation - Revision of M.J. De PMI094 Removal of Uncharted Tree Nos. A0006 and PMI095 Request for Quotation - Revision of Interface PMI096 Request for Quotation - Revision of Interface PMI097 Request for Quotation - Carification of Deta PMI097 Request for Quotation - Revision of the External PMI098 Engaging a HOKLAS Accredited Independe PMI099 Additional R.C. Corbel and Structural Steeled PMI100 Request for Quotation - Conflict Detween Expenditure of PMI101 Point Load Test for Proof Drill Hole no. PD-1 PMI102 Provision of Temporary Concrete Pavement PMI103 Request for Quotation - Update Details of S PMI104 Request for Quotation - Additional TCSS Ch. PMI105 Risk Assessment for Lightning Protection S PMI106 Request for Quotation - Additional Civil Prov		0		0 017/08(7	10-Nov-20	30-Sep-23		100%					ļ			ii.				
PMI087 Request for Quotation - Unexpected Rock S PMI088 Request for Quotation - Revised Design for PMI089 Request for Quotation - Revised Design for PMI090 Request for Quotation - Revised Design for PMI091 Request for Quotation - Extra Length of Pre PMI092 Request for Quotation - Extra Length of Pre PMI093 Request for Quotation - Revision of M.J. De PMI094 Removal of Uncharted Tree Nos. A0006 and PMI095 Request for Quotation - Revision of Interface PMI096 Request for Quotation - Revision of Interface PMI097 Request for Quotation - Revision of the Extra PMI098 Engaging a HOKLAS Accredited Independe PMI099 Additional R.C. Corbel and Structural Steelen PMI100 Request for Quotation - Conflict between Expension of Temporary Concrete Pavement PMI101 Provision of Temporary Concrete Pavement PMI102 Provision of Temporary Concrete Pavement PMI103 Request for Quotation - Additional TCSS Co. PMI105 Risk Assessment for Lightning Protection Sy PMI105 Request for Quotation - Additional Civil Prov		0	-	0 017/08(7	13-Nov-20	30-Sep-23		100% ka" on 1	I III: :					:						
PMI088 Request for Quotation - Revised Design for PMI089 Request for Quotation - Revised Design for PMI090 Request for Quotation - Revised Design for PMI090 Request for Quotation - Extra Length of Pre PMI091 Request for Quotation - Extra Length of Pre PMI092 Request for Quotation - Additional Footpath PMI093 Request for Quotation - Revision of M.J. De PMI094 Removal of Uncharted Tree Nos. A0006 and PMI095 Request for Quotation - Revision of Interface PMI096 Request for Quotation - Revision of Interface PMI097 Request for Quotation - Revision of the Extra PMI098 Engaging a HOKLAS Accredited Independe PMI099 Additional R.C. Corbel and Structural Steeled PMI100 Request for Quotation - Conflict between Expenditure of PMI010 Point Load Test for Proof Drill Hole no. PD-1 PMI102 Provision of Temporary Concrete Pavement PMI103 Request for Quotation - Additional TCSS Co. PMI105 Risk Assessment for Lightning Protection Symbol PMI105 Request for Quotation - Additional Coil Prov	the Type of Steel Vehicle Parapet and Tran	0	-	0 017/08(7	19-Nov-20	30-Sep-23		100% the Inter	ace With	nC1,	1 II									
PMI089 Request for Quotation - Revised Design for PMI090 Request for Quotation - Revised Drainage ID PMI091 Request for Quotation - Extra Length of Pre PMI092 Request for Quotation - Extra Length of Pre PMI092 Request for Quotation - Revision of M.J. De PMI093 Request for Quotation - Revision of M.J. De PMI094 Removal of Uncharted Tree Nos. A0006 and PMI095 Request for Quotation - Revision of Interface PMI096 Request for Quotation - Revision of Deta PMI097 Request for Quotation - Revision of the External PMI098 Engaging a HOKLAS Accredited Independed PMI099 Additional R.C. Corbel and Structural Steeley PMI100 Request for Quotation - Conflict between Experimental PMI101 Point Load Test for Proof Drill Hote no. PD-IT PMI102 Provision of Temporary Concrete Pavement PMI103 Request for Quotation - Additional TCSS Chapter PMI105 Risk Assessment for Lightning Protection Symbios	cted Rock Sample Retrieved from Interface (0		0 017/08(7	24-Nov-20	30-Sep-23		100% e no. Pl	104					:						
PMI090 Request for Quotation - Revised Drainage L PMI091 Request for Quotation - Extra Length of Pre PMI092 Request for Quotation - Extra Length of Pre PMI093 Request for Quotation - Additional Footpath PMI093 Request for Quotation - Revision of M.J. De PMI094 Removal of Uncharted Tree Nos. A0006 and PMI095 Request for Quotation - Revision of Interface PMI096 Request for Quotation - Clarification of Deta PMI097 Request for Quotation - Revision of the Exte PMI098 Engaging a HOKLAS Accredited Independe PMI099 Additional R.C. Corbel and Structural Steelen PMI100 Request for Quotation - Conflict between Expendit Devision of Temporary Concrete Pavement PMI101 Point Load Test for Proof Drill Hole no. PD-1 PMI102 Provision of Temporary Concrete Pavement PMI103 Request for Quotation - Update Details of S PMI104 Request for Quotation - Additional TCSS Co. PMI105 Risk Assessment for Lightning Protection S) PMI106 Request for Quotation - Additional Civil Prov	Design for Lift Internal Panels and Door fror	0		0 017/08(7	25-Nov-20	30-Sep-23		100% I to Glaz	hg,		1 II									Í
PMI091 Request for Quotation - Extra Length of Pre PMI092 Request for Quotation - Extra Length of Pre PMI093 Request for Quotation - Additional Footpath PMI094 Removal of Uncharted Tree Nos. A0006 and PMI095 Request for Quotation - Revision of Interface PMI096 Request for Quotation - Clarification of Deta PMI097 Request for Quotation - Revision of the Exte PMI098 Engaging a HOKLAS Accredited Independe PMI099 Additional R.C. Corbel and Structural Steele PMI100 Request for Quotation - Conflict between Exp PMI101 Point Load Test for Proof Drill Hole no. PD-1 PMI102 Provision of Temporary Concrete Pavement PMI103 Request for Quotation - Additional TCSS Compliance PMI104 Request for Quotation - Additional TCSS Compliance PMI105 Risk Assessment for Lightning Protection Sy PMI106 Request for Quotation - Additional Civil Prov	Design for Lift Internal Panels and Door fror	0		0 017/08(7	25-Nov-20	30-Sep-23		100% I to Glaz	ng,		1	<u> </u>	ļ			<u> </u>				
PMI092 Request for Quotation - Additional Footpath PMI093 Request for Quotation - Revision of M.J. De PMI094 Removal of Uncharted Tree Nos. A0006 and PMI095 Request for Quotation - Revision of Interface PMI096 Request for Quotation - Clarification of Deta PMI097 Request for Quotation - Revision of the Exte PMI098 Engaging a HOKLAS Accredited Independe PMI099 Additional R.C. Corbel and Structural Steem PMI100 Request for Quotation - Conflict between Exp PMI101 Point Load Test for Proof Drill Hole no. PD-1 PMI102 Provision of Temporary Concrete Pavement PMI103 Request for Quotation - Update Details of S PMI104 Request for Quotation - Additional TCSS Co. PMI105 Risk Assessment for Lightning Protection Sy PMI106 Request for Quotation - Additional Civil Prov	Drainage Details at Westbound of Road D9	0	-	0 017/08(7	02-Dec-20	30-Sep-23		100% load,						:						!
PM093 Request for Quotation - Revision of M.J. De PM094 Removal of Uncharted Tree Nos. A0006 and PM095 Request for Quotation - Revision of Interface PM096 Request for Quotation - Clarification of Deta PM097 Request for Quotation - Revision of the Exte PM098 Engaging a HOKLAS Accredited Independe PM099 Additional R.C. Corbel and Structural Steele PM100 Request for Quotation - Conflict between Expended to the Point Load Test for Proof Drill Hole no. PD-1 PM101 Provision of Temporary Concrete Pavement PM103 Request for Quotation - Update Details of S PM104 Request for Quotation - Additional TCSS Co. PM105 Risk Assessment for Lightning Protection S PM106 Request for Quotation - Additional Civil Prov	ength of Pre-Bored Socketed H-Pile at Wan (0	-	0 017/08(7	04-Dec-20	30-Sep-23		100% tion II						:						į
PMI094 Removal of Uncharted Tree Nos. A0006 and PMI095 Request for Quotation - Revision of Interface PMI096 Request for Quotation - Carification of Deta PMI097 Request for Quotation - Revision of the External PMI098 Engaging a HOKLAS Accredited Independe PMI099 Additional R.C. Corbel and Structural Steeler PMI100 Request for Quotation - Conflict between Expension of Tentor Pmi101 Point Load Test for Proof Drill Hole no. PD-1 PMI102 Provision of Temporary Concrete Pavement PMI103 Request for Quotation - Update Details of Septimber 104 Request for Quotation - Additional TCSS Companies PMI105 Risk Assessment for Lightning Protection Septimber 105 Request for Quotation - Additional Civil Prov	al Footpath Pavement Underneath Elevated	0	-	0 017/08(7	08-Jan-21	30-Sep-23		100% eck,												
PM095 Request for Quotation - Revision of Interface PM096 Request for Quotation - Clarification of Deta PM097 Request for Quotation - Revision of the Exte PM098 Engaging a HOKLAS Accredited Independe PM099 Additional R.C. Corbel and Structural Steele PM100 Request for Quotation - Conflict between Expendition - Conflict between Expendition - Point Load Test for Proof Drill Hole no. PD-1 PM102 Provision of Temporary Concrete Pavement PM103 Request for Quotation - Update Details of S PM104 Request for Quotation - Additional TCSS Co. PM105 Risk Assessment for Lightning Protection Sy PM106 Request for Quotation - Additional Civil Prov		0	-	0 017/08(7	11-Jan-21	30-Sep-23		100%			1 II									
PM096 Request for Quotation - Clarification of Deta PM097 Request for Quotation - Revision of the Exte PM098 Engaging a HOKLAS Accredited Independe PM099 Additional R.C. Corbel and Structural Steelw PM100 Request for Quotation - Conflict between Expension of the Toron of Temporary Concrete Pavement PM101 Provision of Temporary Concrete Pavement PM103 Request for Quotation - Update Details of S PM104 Request for Quotation - Additional TCSS Ck PM105 Risk Assessment for Lightning Protection Sy PM106 Request for Quotation - Additional Civil Prov	. A0006 and A0008 at Wan O Road and Wa	0	-	0 017/08(7	14-Jan-21	30-Sep-23		100% Po Roa	P. []		1	ļ.ijļ	<u> </u>			<u> </u>				
PMI097 Request for Quotation - Revision of the Exte PMI098 Engaging a HOKLAS Accredited Independe PMI099 Additional R.C. Corbel and Structural Steele PMI100 Request for Quotation - Conflict between Extension - Point Load Test for Proof Drill Hole no. PD-1 PMI101 Provision of Temporary Concrete Pavement PMI102 Provision of Temporary Concrete Pavement PMI103 Request for Quotation - Update Details of S PMI104 Request for Quotation - Additional TCSS Ch PMI105 Risk Assessment for Lightning Protection Sy PMI106 Request for Quotation - Additional Civil Prov	of Interface Structure and Associated Detai	0	-	0 017/08(7	15-Jan-21	30-Sep-23		100%							1					
PMI098 Engaging a HOKLAS Accredited Independe PMI099 Additional R.C. Corbel and Structural Steele PMI100 Request for Quotation - Conflict between Expension of Temporary Concrete Pavement PMI101 Provision of Temporary Concrete Pavement PMI102 Provision of Temporary Concrete Pavement PMI103 Request for Quotation - Update Details of S PMI104 Request for Quotation - Additional TCSS Cit PMI105 Risk Assessment for Lightning Protection Sy PMI106 Request for Quotation - Additional Civil Prov		0	-	0 017/08(7	28-Jan-21	30-Sep-23		100%						:						i
PMI099 Additional R.C. Corbel and Structural Steels PMI100 Request for Quotation - Conflict between Expenses for Publication - Conflict between Expenses for Publication - Conflict between Expenses for Publication - PD-1 PMI102 Provision of Temporary Concrete Pavement PMI103 Request for Quotation - Update Details of S PMI104 Request for Quotation - Additional TCSS Cit PMI105 Risk Assessment for Lightning Protection Sy PMI106 Request for Quotation - Additional Civil Prov	of the Extent and Detail of Concrete Profile	0		0 017/08(7	28-Jan-21	30-Sep-23		100% file Barri	I III: 3					:						
PM100 Request for Quotation - Conflict between Expension - PM101 Point Load Test for Proof Drill Hole no. PD-1 PM102 Provision of Temporary Concrete Pavement PM103 Request for Quotation - Update Details of S PM104 Request for Quotation - Additional TCSS Ck PM105 Risk Assessment for Lightning Protection Sy PM106 Request for Quotation - Additional Civil Prov	Independent Laboratory for Testing of Gully	0		0 017/08(7	03-Feb-21	30-Sep-23				d o February 2021,										
PMI101 Point Load Test for Proof Drill Hole no. PD-1 PMI102 Provision of Temporary Concrete Pavement PMI103 Request for Quotation - Update Details of S PMI104 Request for Quotation - Additional TCSS Ck PMI105 Risk Assessment for Lightning Protection S PMI106 Request for Quotation - Additional Civil Prov		0		0 017/08(7	09-Feb-21	30-Sep-23		100% antry of		trol Signal at U-Trough,	1		ļļ			ļ				
Provision of Temporary Concrete Pavement PMI103 Request for Quotation - Update Details of S PMI104 Request for Quotation - Additional TCSS Civ PMI105 Risk Assessment for Lightning Protection S PMI106 Request for Quotation - Additional Civil Prov	between Existing Manhole No. SMH404689	0		0 017/08(7	10-Feb-21	30-Sep-23			and Pile	Cap No. PC20 at Elevated Deck,				:						
PMI103 Request for Quotation - Update Details of S PMI104 Request for Quotation - Additional TCSS Cit PMI105 Risk Assessment for Lightning Protection Sy PMI106 Request for Quotation - Additional Civil Prov		0		0 017/08(7	25-Feb-21	30-Sep-23		100%			[
PMI104 Request for Quotation - Additional TCSS Cit PMI105 Risk Assessment for Lightning Protection Sy PMI106 Request for Quotation - Additional Civil Prov		0	-	0 017/08(7	31-Mar-21	30-Sep-23		100% ess to h						:			1 1			:
PMI105 Risk Assessment for Lightning Protection Sy PMI106 Request for Quotation - Additional Civil Prov		0		0 017/08(7	13-Apr-21	30-Sep-23			I III.	ther and Shifting the Sigh Gantry at At-grade Roa	4 ,									- 1
PMI106 Request for Quotation - Additional Civil Prov	al TCSS Civil Provisions for Full Closure of C	0	-	0 017/08(7	14-Apr-21	30-Sep-23		100% sions for	Ful l Cl os	sure of CBL under Adverse Weather Conditions,			ļ			<u> </u>				
	rotection System of the Semi-Enclosed Nois	0		0 017/08(7	22-Apr-21	30-Sep-23				osed Noise Endosure,										
PMI107 Engaging a HOKLAS Accredited Independent	al Civil Provisions of Lighting Pillar Box Foun	0		0 017/08(7	18-Jun-21	30-Sep-23				s of Lighting Pillar Box Foundation and Road Ligh		ndation		:						:
	Independent Laboratory for Testing of Prec	0		0 017/08(7	24-Jun-21	30-Sep-23			endent	Laboratory for Testing of Precast Concrete Pipes	2nd Bat	h),		:						
PMI113 Acceleration for the access for C1	1	0		0 017/08(6	15-Dec-21	15-Dec-21	0	0%		Acceleration for the access for C1,	1 II									Í
Request for Information (RFI)		125	125	0 24-Dec-187	A 31-May-19 27-Aug-	g-21 27-Aug-21							<u>:</u> :	:		<u>i </u>	<u> </u>	<u> </u>		!



Actual Work

Critical Remaining Work

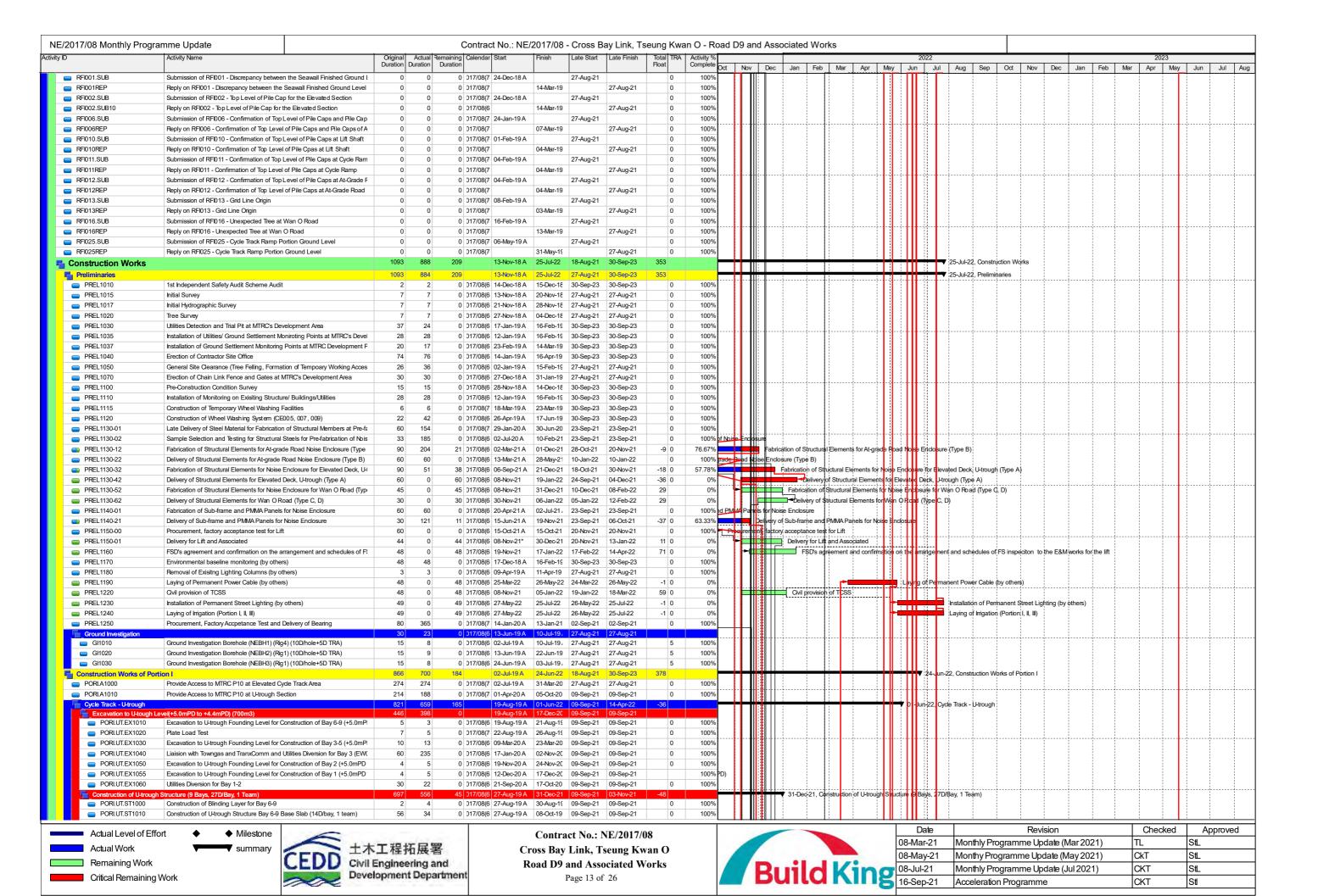
Remaining Work

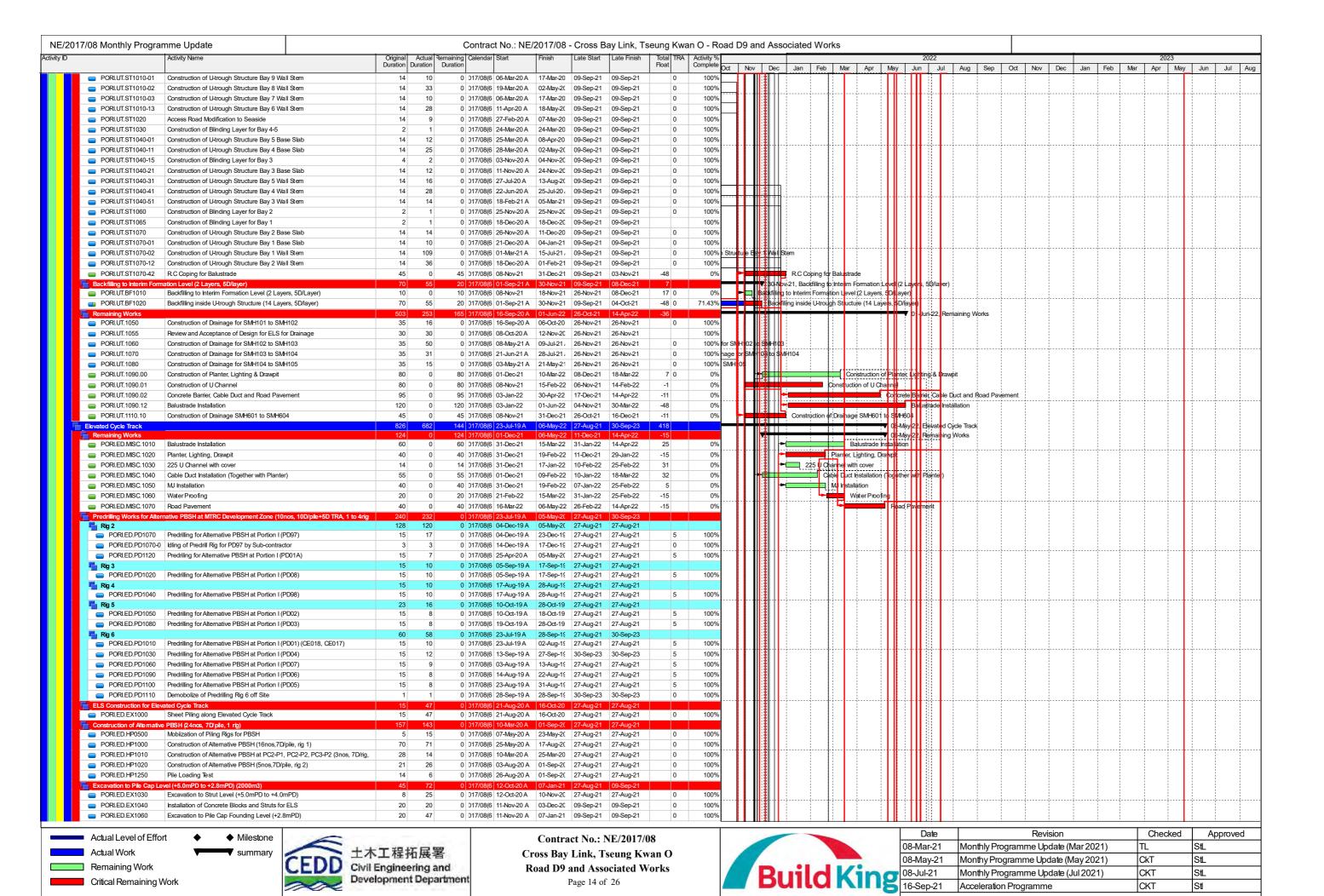
生木工程拓展署
Civil Engineering and
Development Department

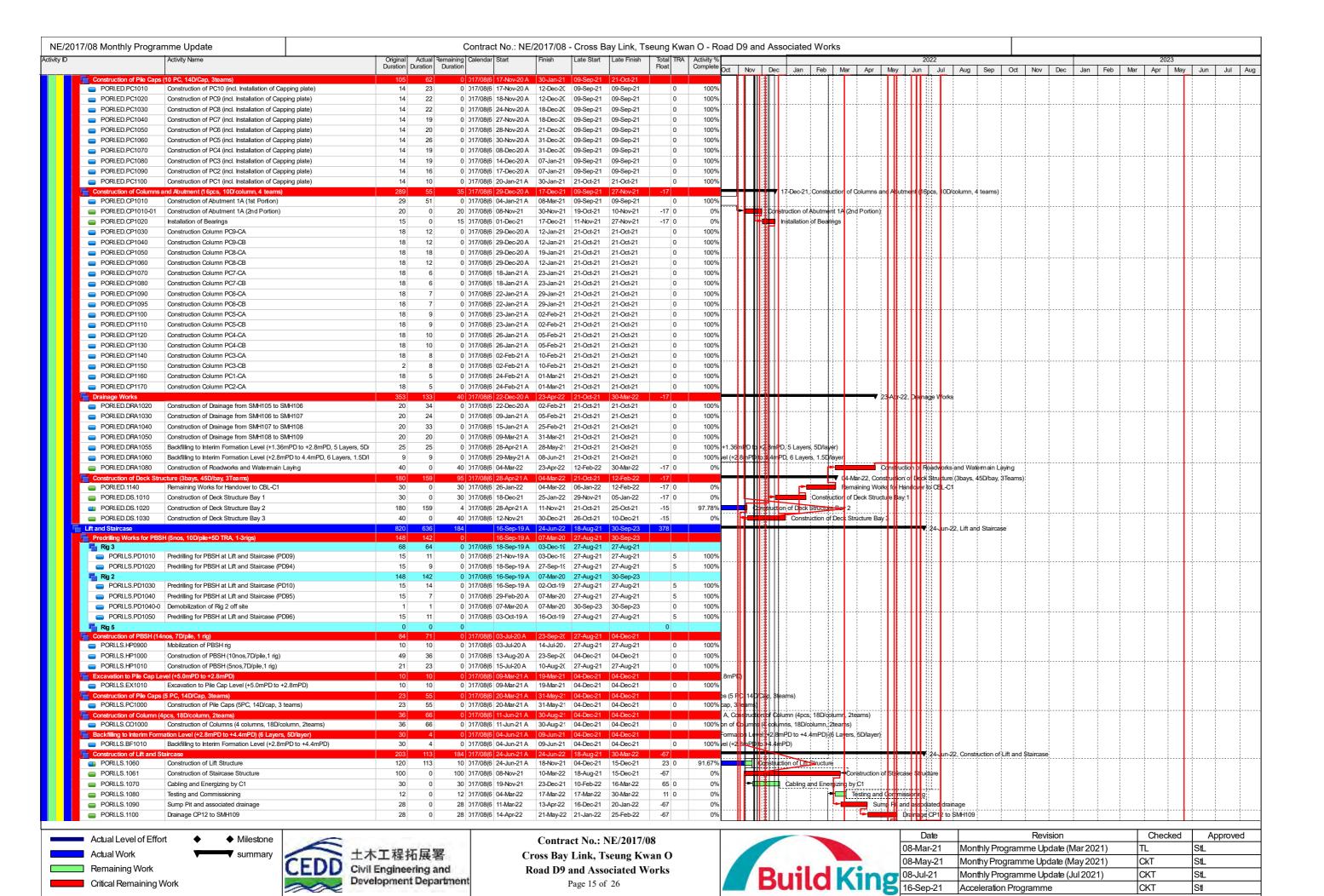
Cross Bay Link, Tseung Kwan O Road D9 and Associated Works Page 12 of 26

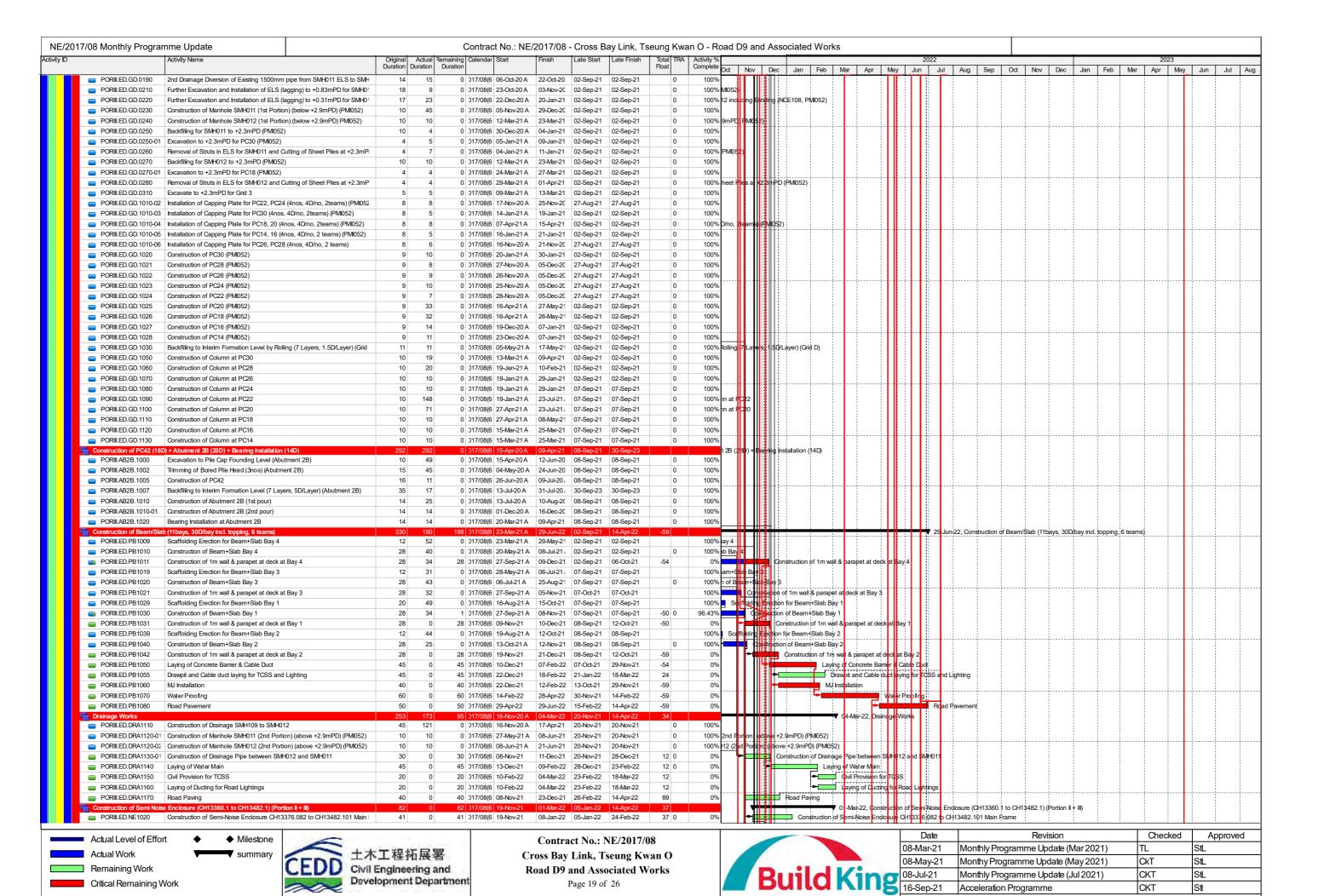
	08
	08
Build King	08
Duitaking	16

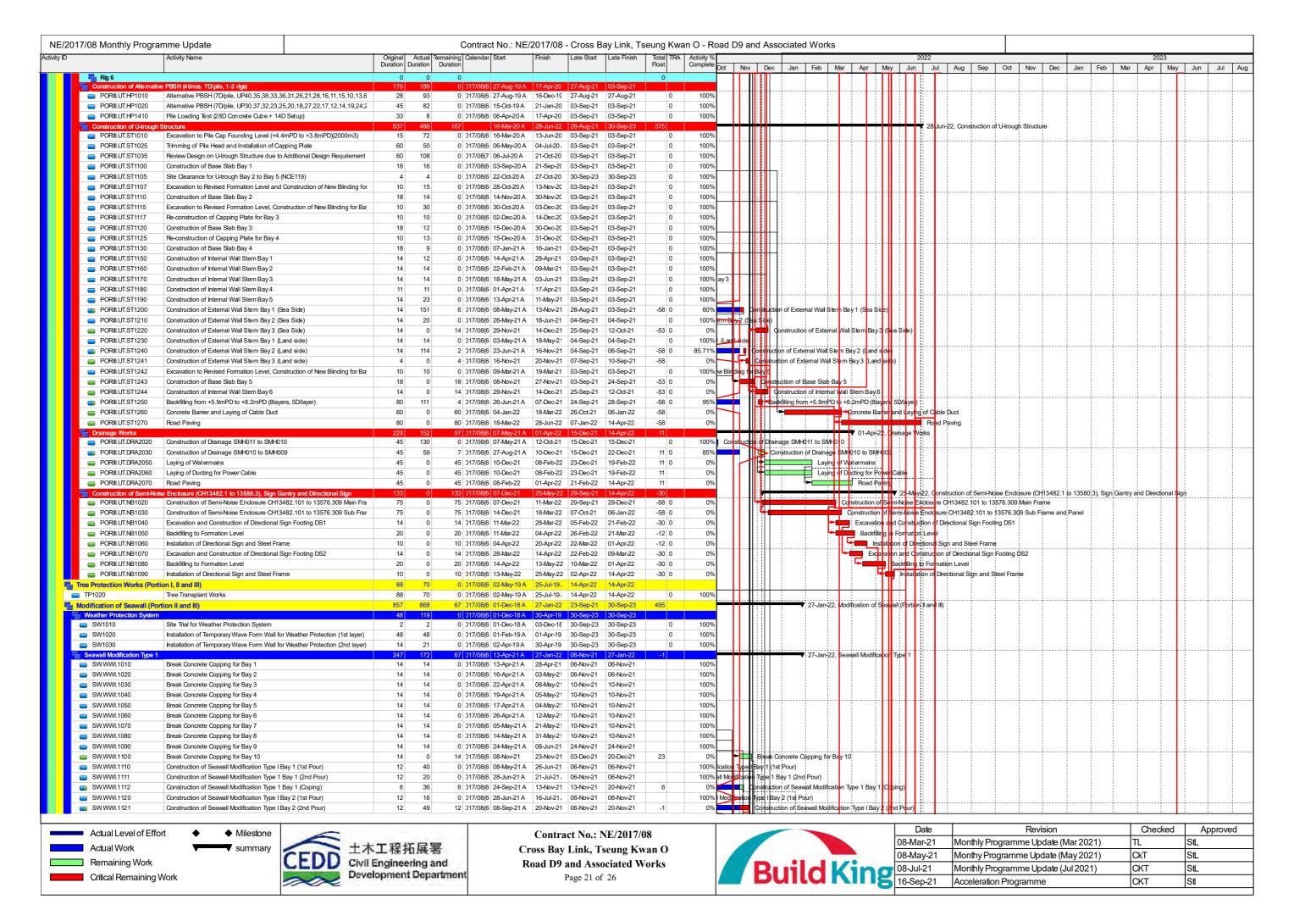
	Date	Revision	Checked	Approved
	08-Mar-21	Monthly Programme Update (Mar 2021)	TL	StL
	08-May-21	Monthy Programme Update (May 2021)	CkT	StL
i	08-Jul-21	Monthly Programme Update (Jul 2021)	CKT	StL
5	16-Sep-21	Acceleration Programme	CKT	Stl

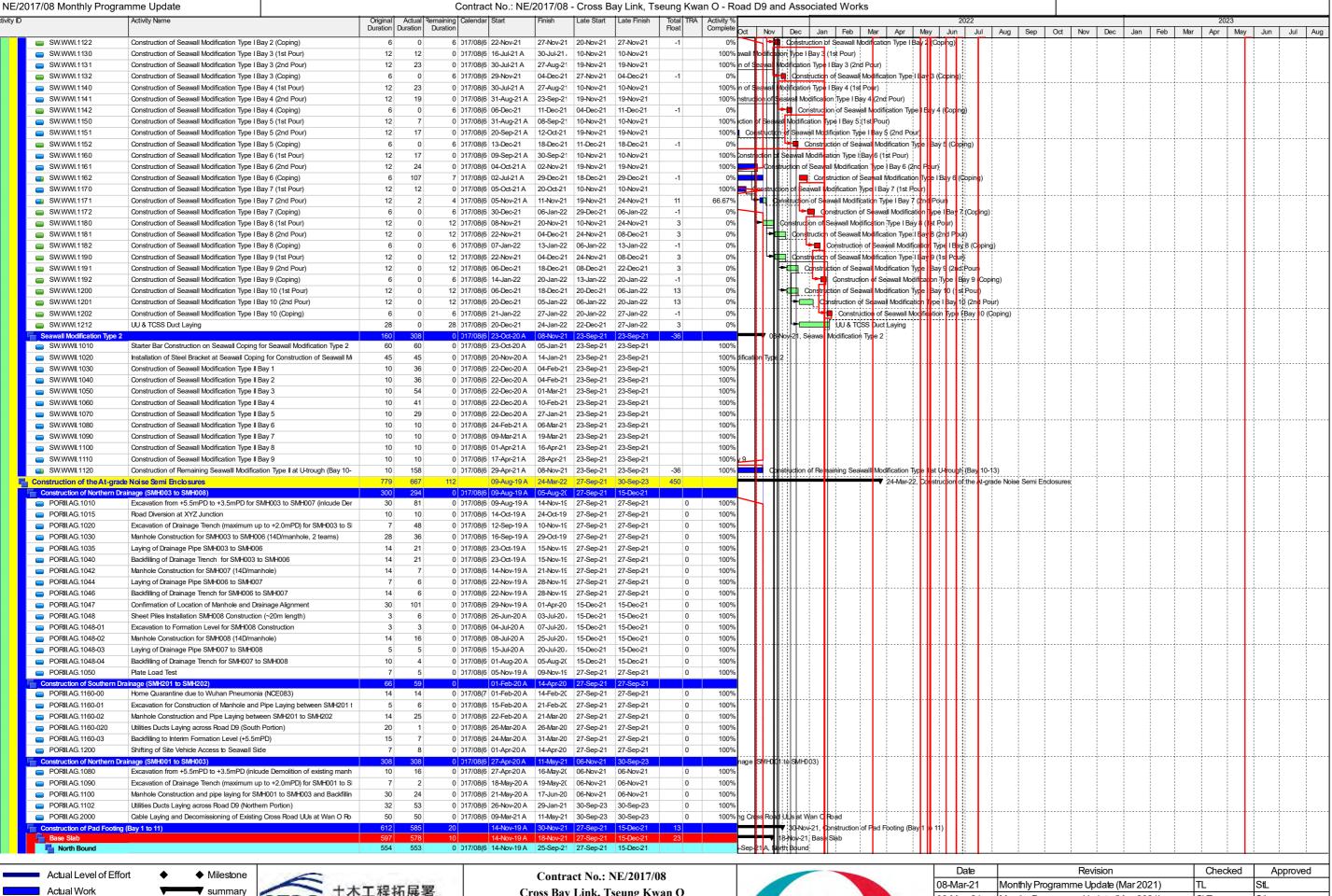












土木工程拓展署 Civil Engineering and Development Department an

summarv

Remaining Work

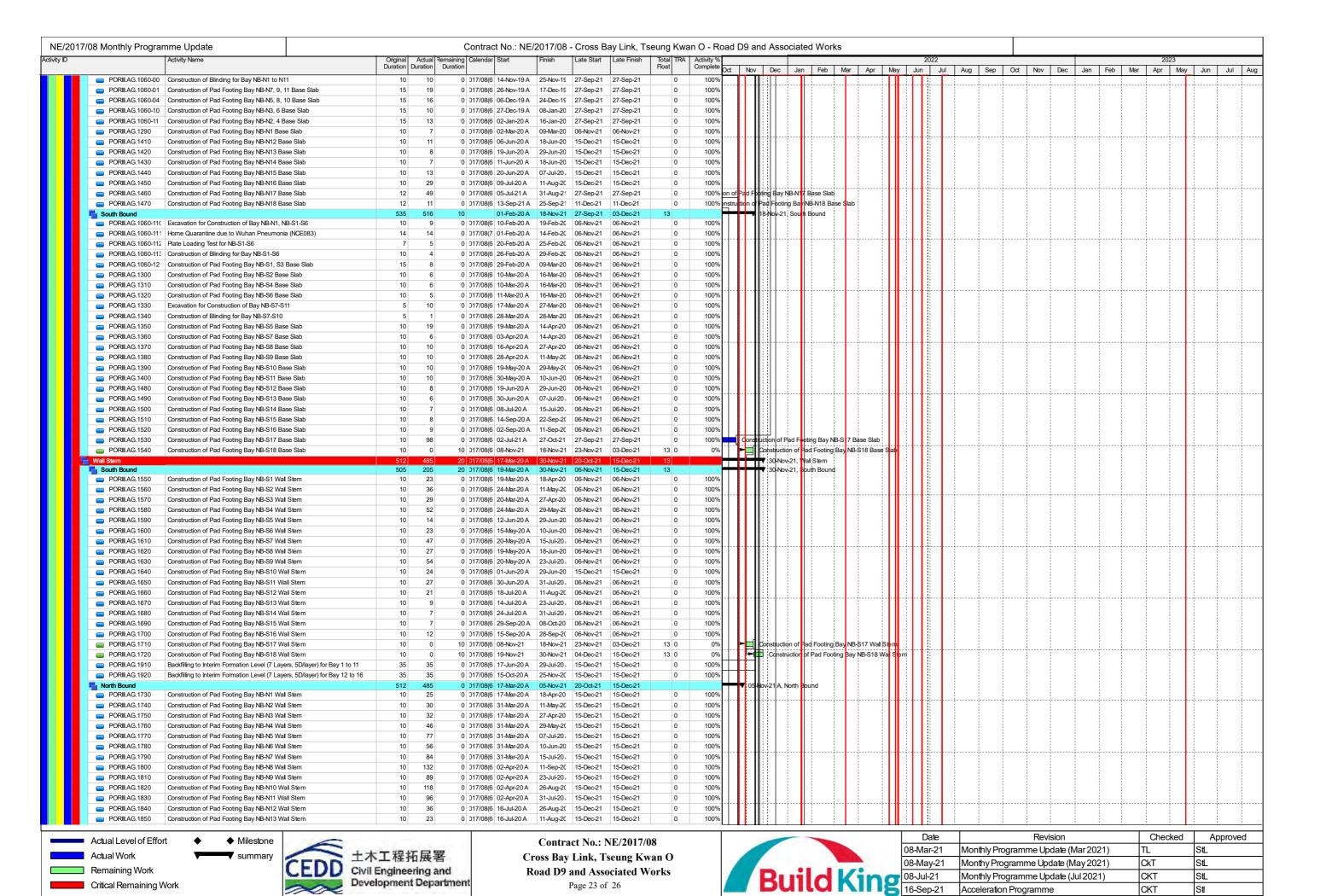
Critical Remaining Work

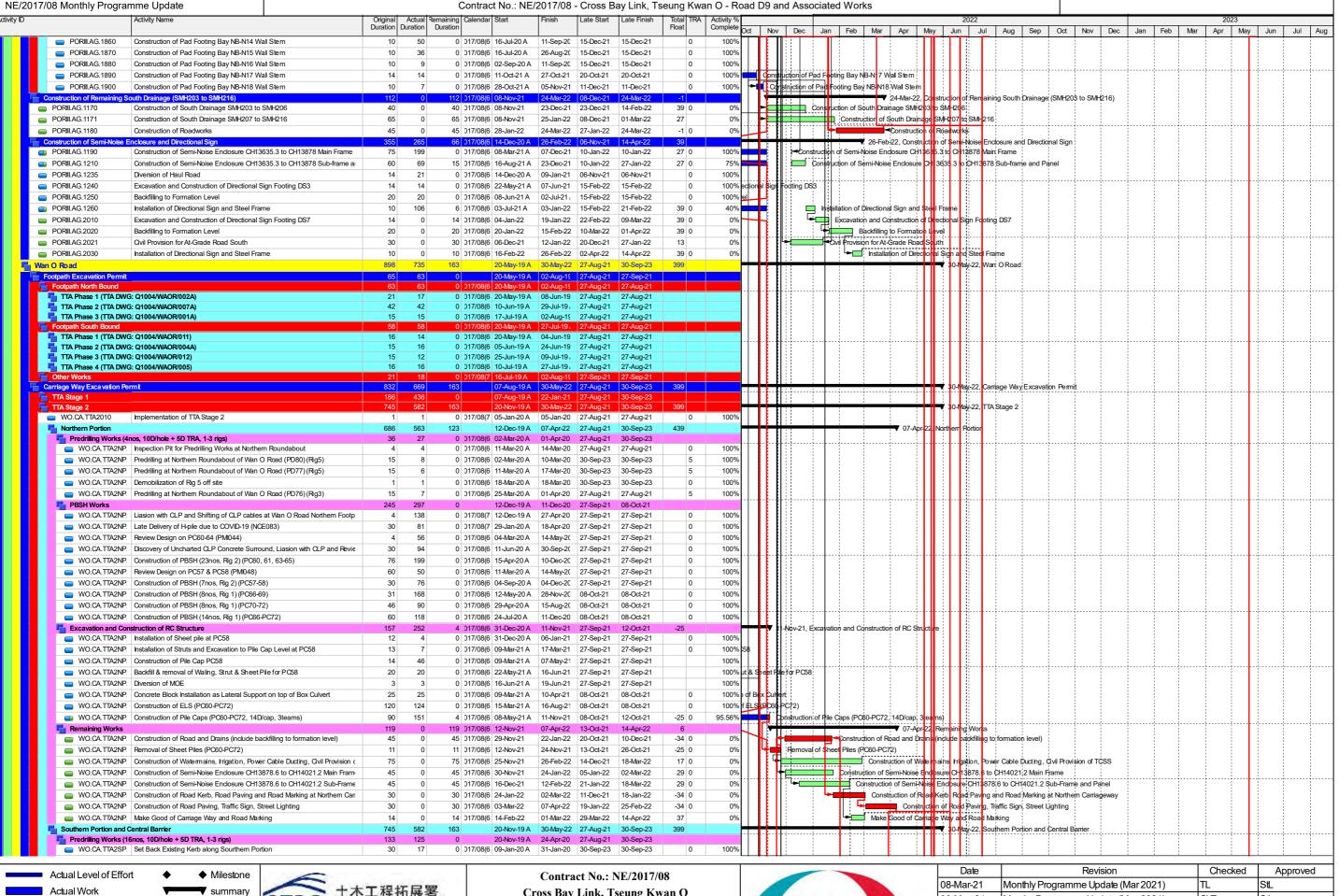
Cross Bay Link, Tseung Kwan O Road D9 and Associated Works

Page 22 of 26

	Date	Revisio
	08-Mar-21	Monthly Programme Upda
		Monthy Programme Updat
	08-Jul-21	Monthly Programme Upda
Duitu King	16-Sep-21	Acceleration Programme

	Date	Revision	Checked	Approved
	08-Mar-21	Monthly Programme Update (Mar 2021)	TL	StL
	08-May-21	Monthy Programme Update (May 2021)	CkT	StL
•	08-Jul-21	Monthly Programme Update (Jul 2021)	CKT	StL
5	16-Sep-21	Acceleration Programme	CKT	Stl





生木工程拓展署
Civil Engineering and
Development Department

Remaining Work

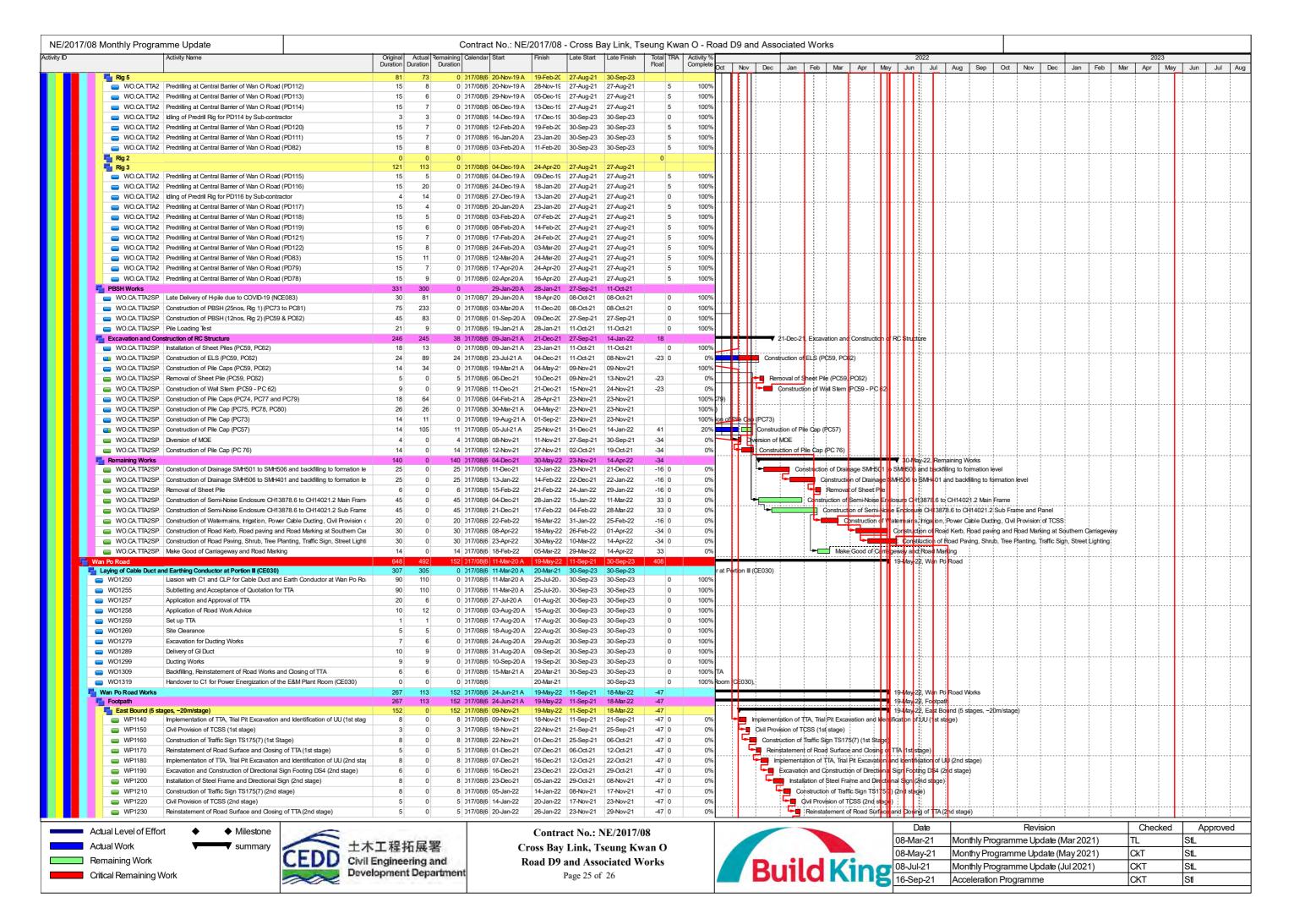
Critical Remaining Work

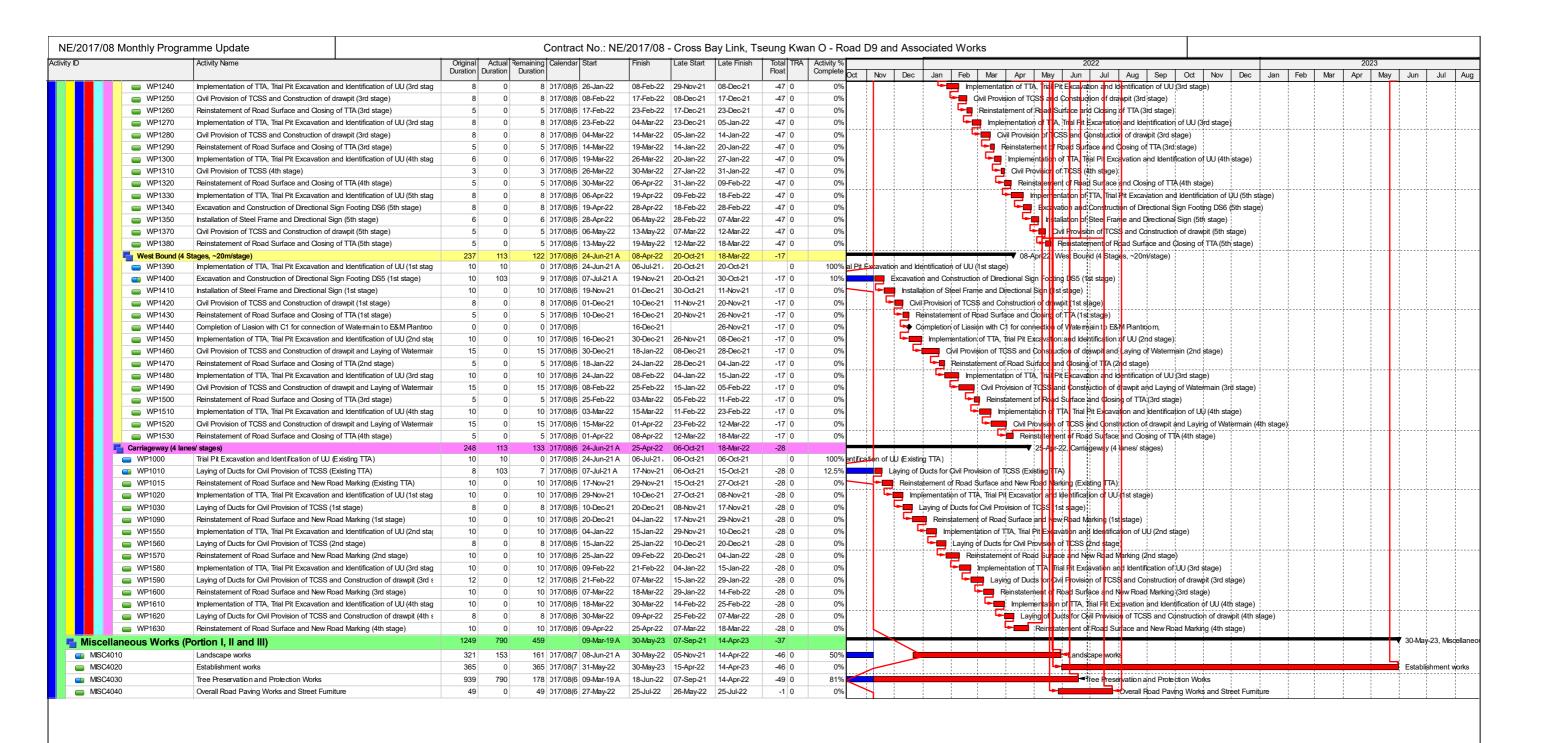
Cross Bay Link, Tseung Kwan O Road D9 and Associated Works

Page 24 of 26

	Date
	08-Mar-21
	08-May-21
- Ruild King	08-Jul-21
Duita King	16-Sep-21

08-Mar-21 Monthly Programme Update (Mar 2021) TL StL 08-May-21 Monthly Programme Update (May 2021) CkT StL	oved
08-May-21 Monthy Programme Update (May 2021) CkT StL	
08-Jul-21 Monthly Programme Update (Jul 2021) CKT StL	
16-Sep-21 Acceleration Programme CKT Stl	









Contract No.: NE/2017/08 Cross Bay Link, Tseung Kwan O Road D9 and Associated Works

Page 26 of 26

	08
	08
Build King	08
Duita King	16
	г

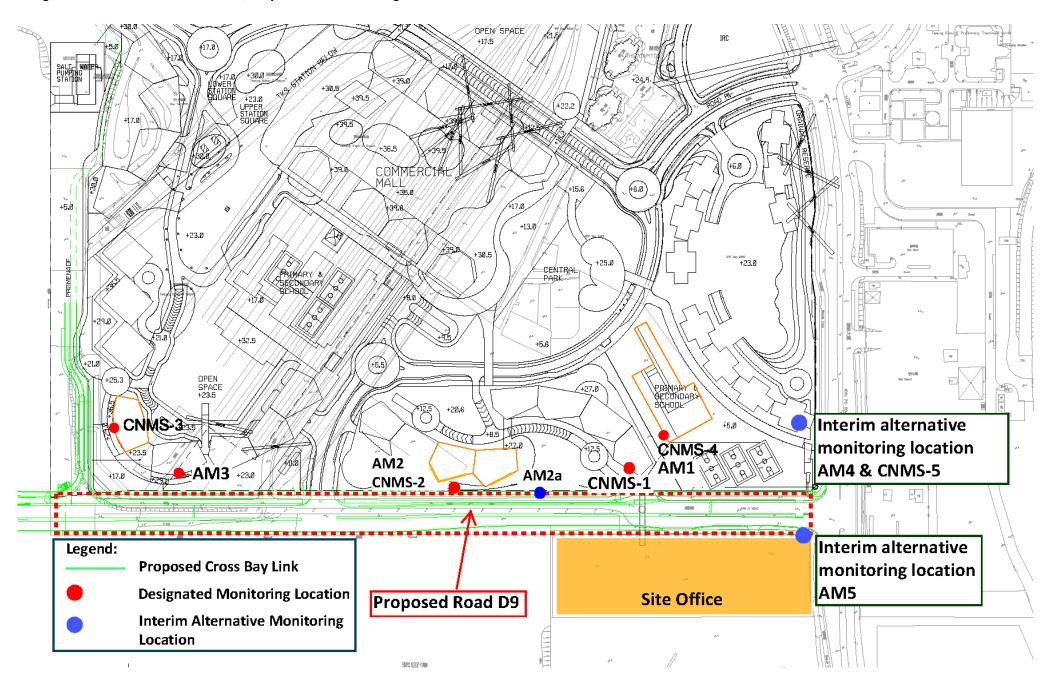
	Date	Revision	Checked	Approved
	08-Mar-21	Monthly Programme Update (Mar 2021)	TL	StL
	08-May-21	Monthy Programme Update (May 2021)	CkT	StL
T	08-Jul-21	Monthly Programme Update (Jul 2021)	CKT	StL
5	16-Sep-21	Acceleration Programme	CKT	Stl
•	10 00p-21	/ tooloidaoitt togiditiitio	JOINT .	0

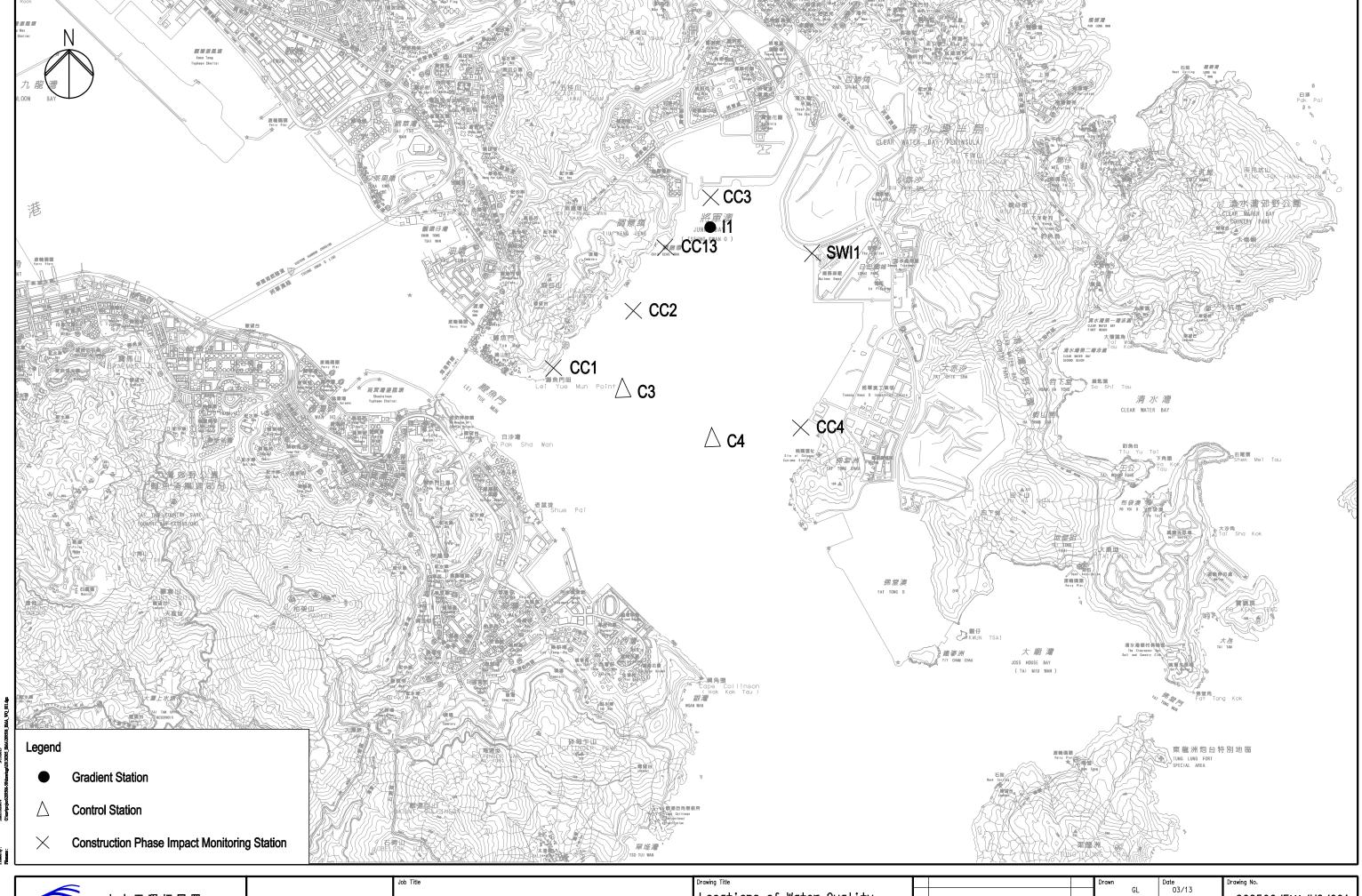


Appendix D

Monitoring Location (Air Quality, Noise and Water Quality)









Civil Engineering and Development Department ARUP Ove Arup & Partners Hong Kong Limited

Agreement No. CE 43/2008(HY) Cross Bay Link, Tseung Kwan O - Investigation Locations of Water Quality Monitoring Stations | Drawing No. |

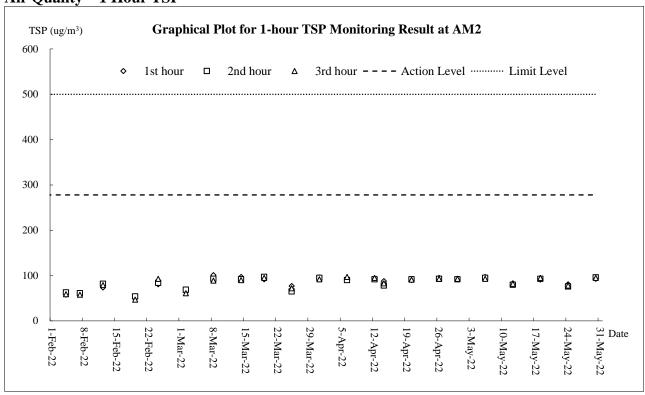


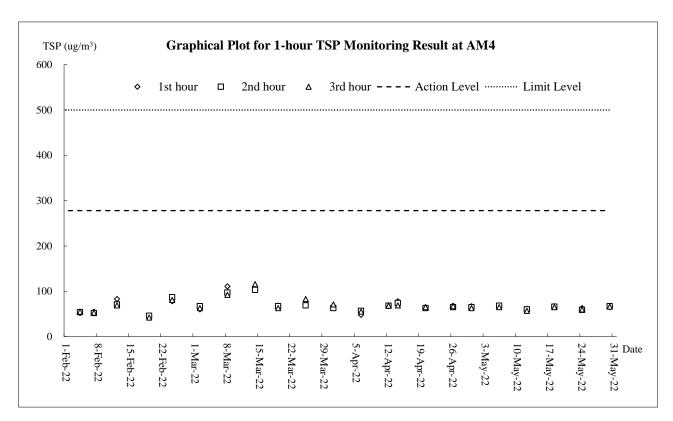
Appendix E

Graphical Plots of Monitoring Results



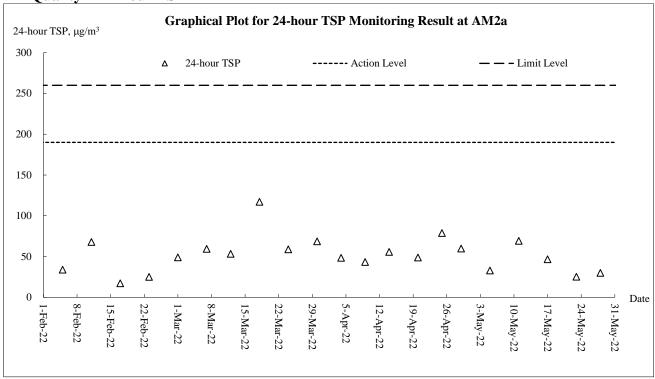
Air Quality - 1 Hour TSP

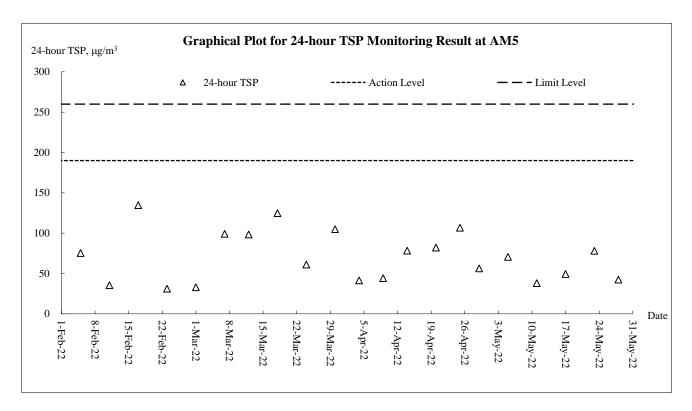






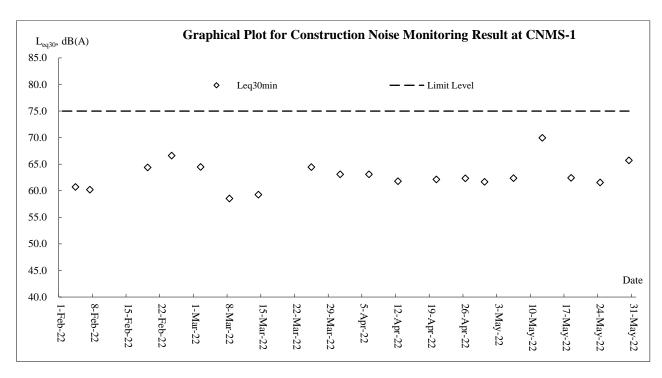
Air Quality - 24-Hour TSP

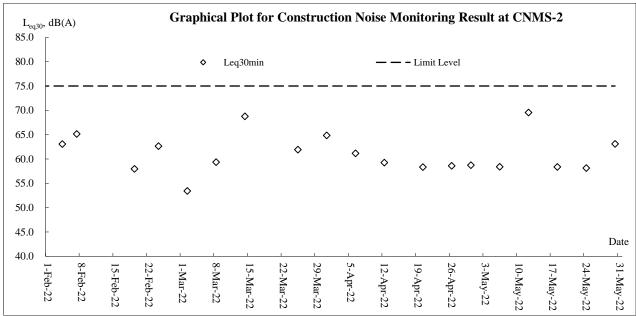




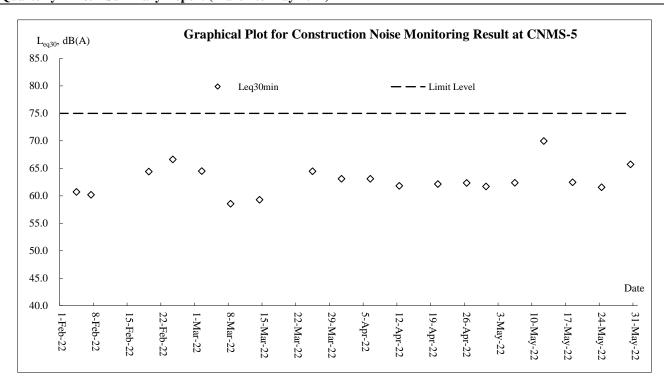


Construction Noise











Appendix F

Meteorological Information



The weather of March 2022

With the northeast monsoon over southern China generally weaker than normal for most of the time in the month, March 2022 was much warmer than usual in Hong Kong. The monthly mean maximum temperature of 25.0 degrees was 3.1 degrees above normal and the highest on record for March. Moreover, the monthly mean temperature of 21.5 degrees and monthly mean minimum temperature of 19.2 degrees were respectively the second and sixth highest on record for March. The total rainfall in the month was 92.7 millimetres, about 23 percent above the normal figure of 75.3 millimetres. The accumulated rainfall of 265.3 millimetres in the first three months of the year was about 80% above the normal figure of 147.4 millimetres for the same period.

The weather of April 2022

With dry northeast monsoon affecting Hong Kong and less moisture supply to the south China coast for most of the time in the month, April 2022 was much drier than usual in Hong Kong. The total rainfall in the month was 3.5 millimetres, only about 2 percent of the normal figure of 153.0 millimetres and the lowest on record for April. The accumulated rainfall recorded in the first four months of the year was 268.8 millimetres, about 11 percent below the normal figure of 300.4 millimetres for the same period. Moreover, the monthly mean relative humidity was 73 percent, the lowest on record for April since 1961. The month was also much sunnier than usual, the total duration of bright sunshine in the month was 191.1 hours, about 69 percent above the normal of 113.2 hours and the fifth highest on record for April. April 2022 was warmer than usual with a mean temperature of 23.7 degrees, 0.7 degree above the normal of 23.0 degrees.

The weather of May 2022

With stronger than normal northeast monsoon affecting southern China in the month, the weather of Hong Kong was much cooler than usual in May 2022. The monthly mean temperature was 25.0 degrees, 1.3 degrees below the normal figure of 26.3 degrees. Mainly attributing to the heavy rain episode on 11 – 13 May, the month was also wetter than usual with a total rainfall of 436.5 millimetres, about 50 percent above the normal of 290.6 millimetres. The accumulated rainfall recorded in the first five months of the year was 705.3 millimetres, about 19 percent above the normal figure of 590.9 millimetres for the same period.

*The detailed meterological data for each successive day can be referred to in the Monthly EM&A Reports (Mar 2022, Apr 2022 and May 2022.)



Appendix G

Waste Flow Table

CEDD Contract Agreement No. EDO/04/2018 -Environmental Team for Cross Bay Link, Tseung Kwan O Quarterly EM&A Summary Report (March to May 2022)



Contract 1

Monthly Summary Waste Flow Table for 2022 (year)

Name of Person completing the record: <u>Sedo Sze (EO)</u>

Project: Cross Bay Link, TKO, Main Bridge and Associated Works

Contract No.: NE/2017/07

	•	Actual Quantit	ies of Inert C&	D Materials Ger	nerated Monthly		Ac	tual Quantities	of C&D Wastes	s Generated Mo	nthly
Month	Total Quantity Generated	Hard Rock and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Imported Fill	Metals	Paper/ cardboard packaging	Plastics (see Note 3)	Chemical Waste	Others, e.g. general refuse
	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000 kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000 m ³)
Jan	0.162	0.000	0.000	0.000	0.162	0.000	0.000	0.171	0.000	0.000	0.768
Feb	0.066	0.000	0.000	0.000	0.066	0.000	0.000	0.210	0.000	0.000	0.513
Mar	0.306	0.000	0.000	0.000	0.306	0.000	0.000	0.163	0.000	0.000	0.750
Apr	0.126	0.000	0.000	0.000	0.126	0.000	0.000	0.182	0.000	0.000	0.552
May	0.054	0.000	0.000	0.000	0.054	0.000	0.000	0.194	0.000	0.000	0.600
Jun	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Sub-total	0.714	0.000	0.000	0.000	0.714	0.000	0.000	0.920	0.000	0.000	3.184
Jul	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Aug	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Sep	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Oct	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Nov	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Dec	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	0.714	0.000	0.000	0.000	0.714	0.000	0.000	0.920	0.000	0.000	3.184

Note:

- 2. For inert portion of C&D material, assume 6 m³ per each full-filled dump truck.
- 3. All values are round off to the third decimal places.

^{1.} For non-inert portion of C&D material, assume the density of 1 m³ general refuse is equal to 200 kg.

CEDD Contract Agreement No. EDO/04/2018 -Environmental Team for Cross Bay Link, Tseung Kwan O Quarterly EM&A Summary Report (March to May 2022)



Contract 2

Monthly Summary Waste Flow Table for 2022 Year

		Actual Qua	ntities of Inert C&D	Materials Generat		Actual Quantities of C&D Wastes Generated Monthly					
Month	Total Quantity Generated	Hard Rock and Large Borken Concrete	Reused in the Contract	Reused in other Projects	Disposal as Public Fill	Imported Fill	Metals	Paper / Cardboard Packaging	Plastics (See note 3)	Chemical Waste	Other, e.g. general refuse
	[in '000m ³]	[in '000m ³]	[in '000m ³]	[in '000m ³]	[in '000m ³]	[in '000m ³]	[in '000kg]	[in '000kg]	[in '000kg]	[in '000kg]	[in '000m ³]
Jan	2.835	0.000	0.000	0.000	2.835	0.530	0.000	0.000	0.000	0.000	0.160
Feb	0.199	0.000	0.000	0.000	0.199	1.049	0.000	0.000	0.000	0.000	0.048
Mar	0.298	0.000	0.000	0.000	0.298	0.780	0.000	0.000	0.000	0.000	0.072
Apr	0.348	0.000	0.000	0.000	0.348	348 0.567	0.000	0.000	0.000	0.000	0.067
May	0.251	0.000	0.000	0.000	0.251	0.422	0.000	0.000	0.000	0.000	0.110
June	0.000										
SUB-TOTAL	3.931	0.000	0.000	0.000	3.931	3.348	0.000	0.000	0.000	0.000	0.457
Jul	0.000										
Aug	0.000										
Sep	0.000										
Oct	0.000		_								
Nov	0.000										
Dec	0.000										
TOTAL	3.931	0.000	0.000	0.000	3.931	3.348	0.000	0.000	0.000	0.000	0.457

Note: Conversion to 1000m³ for general refuse is weight in 1000kg multiply by 0.002

Conversion to 1000m³ for Inert C&D is weight in 1000kg multiply by 0.0005 Plastics refer to plastic bottles / containers, plastic sheets / foam from packaging material

Plastics refer to plastic bottles / containers, plastic sheets / foam from packaging material

Assume the loaded volume of a dump truck for internal inert waste transfer is 17.9 m³



Appendix H

Complaint Summary

Log ref.	Date of Complaint	Date of Received by ET	Complaint Location	Complainant	Complaint nature	Channel	Ref. no.	Complaint details	Contract Related	Follow up action
	Not provided	14-Mar-19	Junk Bay	Unwilling to disclose	Marine Water	EPD	N08/RE/000074 32-19	The complainant said muddy water and mud was discharged from work barges under CBL between 7:00 - 10pm. The complainant said he observed the act during his recent fishing activities in the nearby area.	Contract 1 (NE/2017/07)	According to ETs investigation, Contractor of Contract 1 (CRBC) had provided proper water mitigation measures to minimize the water impact of marine piling work to the nearby waterbody. No abnormal and turbid water discharged from site was observed and no exceedance was recorded from the marine water impact quality monitoring. Nevertheless, the Contractor of Contract 1 was reminded to strictly implement all the water mitigation measures as stated in EP and EM&A Manual and ET will keep closely inspect the site condition in subsequent weekly site inspection.
	4-Jan-20	9-Jan-20	Wan O Road	Unwilling to disclose	Noise	CEDD	NA	The Complainant complained about the noise nuisance generated by road breaking work at Wan O Road	Contract 2 (NE/2017/08)	As advised by the Contractor of Contract 2 - NE/2017/08 (Build King), road breaking work was commenced at Wan O Road on 4 January 2020 morning. The work involved one road breaker to conduct the breaking activity which generate noise impact. Noise mitigation measure such as wrapped the head of the breaker with acoustic material was implemented on the day of complaint received to minimize the impact to resident nearby. Movable noise barrier was provided on site, but it was not adopted due to miscommunication of workers. Upon received the complaint on 4 January 2020, Build King has immediately adopted the movable noise barrier for road breaking work as noise mitigation measure to minimize the noise impact.
	15-Jan-20	15-Jan-20	Wan O Road	Unwilling to disclose	Noise	CEDD	NA	The Complainant complained about the noise nuisance generated by road breaking work at Wan O Road	Contract 2 (NE/2017/08)	As advised by the Contractor, the movable noise barrier was not immediately adopted after relocation of the road breaker on 15 January 2020. Upon received the complaint, the Contractor has immediately adopted the noise barriers noise mitigation measure for the road breaking work to minimize the noise impact In addition, the Contractor has issued a warning letter to the relevant subcontractor for poor environmental performance and requested their worker to strictly implement thuse of movable noise barrier. In order to prevent the incident happens again, ET also advised that the Contractor should dedicate a worker to ensure the noise barrier is implemented prior to road breaking activities.
	25-Feb-20	26-Feb-20	Works Area A	Unwilling to disclose	Noise	CEDD	NA	The Complainant complained about the noise nuisance caused by hammering/chiseling work at Works Area A	sContract 1 (NE/2017/07)	As advised by the Contract of Contract 1 - NE/2017/07 (CRBC), hammering/chiseling works for drilling platform maintenancowas conducted at Works Area A on 25 February 2020 morning and no Powered Mechanical Equipment (PME) was involved. Upon received the complaint, CRBC has stopped the relevant work immediately. In order to minimize the noise nuisance caused by the hammering work, CRBC decided to relocate the hammering work from Works Area A to the marine working area which is far away from the residential areas. CEDD replied the complainant on 25 February 2020 and the complainant was satisfied with the proposed mitigation measure.
	15-Mar-20	18-Mar-20	Junk Bay	Unwilling to disclose	Noise	EPD	NA	The Complainant complained about the construction noise from Junk Bay	Contract 1 (NE/2017/07)	As advised by the Contractor of Contract 1 – Contract No. NE/2017/07 (CRBC), their workers reported for duty around 08:00 on 15 March 2020. The workers were standby on a flat top barge in which a precast unit was temporarily stored and waited for the mobilization of crane barge to carry out lifting operation of the precast unit. No hammering work nor other noisy work activity was carried out on the flat top barge in the complaint period. In addition, no Powered Mechanical Equipment (PME) was used until the crane barge was mobilized for lifting operations between 15:00 and 19:00. RSS checked their own cords and confirmed that there was no operation of PME in Junk Bay before 09:00 on 15 March 2020. The complaint was considered not related to the Project since there is no operation of PME during the complaint period.
	2-Apr-20	7-Apr-20	Lohas Park Station Exit A and TKO Salt Water Pumping Station	Unwilling to disclose	Construction Dust	CEDD	NA	The Complainant complained about the dump truck tracking mud on the road adjacent to Lohas Park Station Exit A and TKO Salt Water Pumping Station at approximately 09:50 that morning.	Contract 2 (NE/2017/08)	Joint site inspection among the Supervisor, the Contractor, ET and IEC was also carried out on 8 April 2020 to inspect the environmental performance of the construction site. Proper wheel washing facilities was provided at the site entrance near the Lohas Park Station Exit A and all the vehicle were properly washed prior leaving the site. No tracking mud was observed at the complaint location during the site inspection. As advised by RSS, it is confirmed by MTRCL that the complaint location was under MTRCL management and the tracking mud issue was followed up by MTRCL.
,	20-Apr-20	6-May-20	Junk Bay	Lui Man Kwong, Member fo Sai Kung District	Noise	CEDD	TKO-MK- 200421-(R)- 1289	The Complainant complained about the noise nuisance generated by construction works from Junk Bay on 20 April 2020 around 6 a.m. to 7 a.m.	Contract 1 (NE/2017/07)	As advised by the Contract of Contract 1 – Contract No. NE/2017/07 (CRBC), there was no marine work carried out at Junk Bay from 06:00 to 07:00 on 20 April 2020 as their workers reported for duty after 08:00 on that day. RSS checked their own records and confirmed that there was no marine work was carried out at Junk Bay before 08:00 on 20 April 2020.
	5-May-20	6-May-20	General	Unwilling to disclose	Construction Dust, Noise, Wastewater	CEDD	NA	The Complainant complained about the noisenuisance generated by evening works, the wastewater generated from site are not well treated, and the dust generation caused by the construction work.	Contract 1 (NE/2017/07) Contract 2 (NE/2017/08)	During the regular joint site inspection among the Supervisor, the Contractor and ET carried out in the past few weeks, it was observed that construction dust and wastewater mitigation measures were implemented properly in both Contracts of the Project. In addition, according to the evening noise mointoring conducted in the past month, the evening noise measurement results were found within the range of the baseline noise monitoring results, which implies that the construction noise from evening works was insignificant. It is considered the complaint is not project related.

Log ref.		Date of Received by ET	Complaint Location	Complainant	Complaint nature	Channel	Ref. no.	Complaint details	Contract Related	Follow up action
9	23-Jul-20	23-Jul-20	Junk Bay	Resident of Ocean Shores	Light Nuisance	CEDD	NA	The Complainant complained about the light nuisance caused by the 4000 tone crane barge during the evening on 22 July 2020.	Contract 1 (NE/2017/07)	According to the works schedule of Contract 1, no marine work was conducted on 22 July 2020 evening. The Contractor of Contract 1 (CRBC) advised that the illumination (e.g. flashlight, headlight) on the crane barge is required for safety reason - to keep the barge being visible and to avoid collision by other marine vessel. In order to minimize the light nuisance to the public, it is agreed by CRBC that the illumination on the crane barge will be kept to a minimum in the evening. It is considered the complaint is not project related.
10	28-Jul-20	28-Jul-20	Wan O Road	Resident of Lohas Park Phase 4	Noise	CEDD	NA	The complainant complained about the noise nuisance caused by breaking work at Wan O Road at approximately 10:00am on 28 July 2020.	Contract 2 (NE/2017/08)	As advised by the Contractor of Contract 2 – NE/201708 (Build King), breaking work was carried out at Wan O Road at the complaint period and movable noise barrier as noise mitigation measure was implemented during the road breaking work. Noise monitoring was conducted by Build King on 30 July 2020 during the breaking work, the monitoring result did not exceeded the limit level 75dB(A) which revealed that the construction noise received at representative NSR were within acceptable level. Noise monitoring was also conducted by ET on 31 July 2020 and no limit level exceedance was record. It is considered the complaint is related to the Project. However, noise mitigation measure was implemented by Build King during the complaint period.
11	23-Jul-20	13-Aug-20	Junk Bay	Resident of Ocean Shores	Noise	EPD	NA	The Complainant complained about the noise nuisance caused by the 4000 tone crane barge during the restricted hours on 23 July 2020.	Contract 1 (NE/2017/07)	According to the works schedule of Contract 1, no marine work was conducted between 22 July 2020 19:00 and 23 July 2020 08:00. RSS checked their own records and confirmed that there was no marine work carried out at Junk Bay between 22 July 2020 19:00 and 23 July 2020 08:00. It is considered the complaint is not related to the Project since no marine work was carried out by CRBC during the reporting period
12	24-Aug-20	26-Aug-20	Junk Bay	Ocean Shores Owner's Committee Chairman Chan Kai Wai	Noise	CEDD	NA	The Complainant complained about the operation of derrick barge at Junk Bay on Sunday	Contract 1 (NE/2017/07)	As advised by the Contractor of Contract 1 – Contract No. NE/2017/07 (CRBC), working platform setup work was carried out at pier W4 on 23 August 2020. One derrick barge was used for lifting work between 09:00 - 11:30. During the working platform setting up work, only lifting of platform material was carried out by the derrick barge at V-pier W4. Bolt and nut tightening work for the working platform was then carried out by the workers at pier W4. No hammering work was carried out on 23 August 2020. According to the issued Construction Noise Permit (CNP) GW-RE0438-20, derrick barge (group A, D, E of the PME listed in condition 3 of the CNP) is allowed to be operated on general holiday (including sunday) 09:00 – 20:00. The operation of the derrick barge on 23 August 2020 was within the permitted hours. It is considered the complaint is related to the Project. However, the Contractor did not breach the requirement stated in the issued CNP with the use of one derrick barge on Sunday and no noise nuisance should be generated by the belt and nut tightening work performed on 23 August 2020.
13	24-Aug-20	26-Aug-20	Junk Bay	Mr Lee	Noise	CEDD	NA	The Complainant complained about the noise nusiance generated by hammering works on th derrick barge at Junk Bay on Sunday. He also enquiry whether the Construction Noise Permi will be displayed at the site entrance.		As advised by the Contractor of Contract 1 – Contract No. NE/2017/07 (CRBC), working platform setup work was carried out at pier W4 on 23 August 2020. One derrick barge was used for lifting work between 09:00 - 11:30. During the working platform setting up work, only lifting of platform material was carried out by the derrick barge at V-pier W4. Bolt and nut tightening work for the working platform was then carried out by the workers at pier W4. No hammering work was carried out on 23 August 2020. According to the issued Construction Noise Permit (CNP) GW-RE0438-20, derrick barge (group A, D, E of the PME listed in condition 3a of the CNP) is allowed to be operated on general holiday (including Sunday) 09:00 – 20:00. The operation of the derrick barge on 23 August 2020 was within the permitted hours. In addition, the issued CNP was displayed at the site entrance at Wan Goad for public inspection. It is considered the complaint is not related to the Project since no hammering work was carried out during the complaint period
14	14-Sep-20	15-Sep-20	Junk Bay	Unwilling to disclose	Water Quality	1823	NA	The Complainant complained about the suspected pollutant spilled at Junk Bay from the roro barge of the Project	Contract 1 (NE/2017/07) Contract 2 (NE/2017/08)	RSS noted the presence of the pollutant on 12 September 2020 at around 11:35 a.m. Trace of pollutant discharge was also found from the box culvert near the complaint location. Catch pits at the site office and at Wan O Road were checked once the pollutant was spotted on 12 September 2020. The catch pits were found clean and no pollutant discharge was found. In addition, no pollutant was observed during the operation of the roro barge. Joint site inspection among the Site Supervisor, the Contractors and ET was carried out on 16 September 2020. No marine pollutant was spotted at the complaint location and from the box culvert. In addition, discharge points of Contract 2 at Wan O Road were inspected and no trace pollutant discharge was observed. The IR revealed that the complaint is not related to the Project since the source of pollutants in the box culvert should be outside the site area of the Project, and there is no trace of pollutant discharged from the construction site and the roro barge.

Log ref		Date of Received by ET	Complaint Location	Complainant	Complaint nature	Channel	Ref. no.	Complaint details	Contract Related	Follow up action
15	20-Sep-20	21-Sep-20	Junk Bay	Unwilling to disclose	Noise	CEDD	NA	The Complainant complained about the noise nuisance generated from the construction work conducted on 20 September 2020 at Junk Bay	Contract 1 (NE/2017/07)	As advised by the Contract 1 – Contract No. NE/2017/07 (CRBC), concrete disposal and tidy up work were carried out at pier W1 on 20 September 2020. One derrick barge was used for lifting of concrete debris and formwork at pier W1. No concrete breaking was carried out on 20 September 2020 morning and no electric breaker and backhoe was used. According to the issued Construction Noise Permit (CNP) GW-RE0438-20, derrick barge (group A, D and E of the PME listed in condition 3a of the CNP) is allowed to be operated on general holiday (including Sunday) 09:00 – 20:00. The operation of the derrick barge on 20 September 2020 was within the permitted hours. In the view of the works carried out on 20 September 2020, the operation of derrick barge is considered as the only noise source from Cross Bay Link Project and the noise impact should not be significant to the surrounding NSRs since the pier W1 is located far away (over 900m away to Ocean Shores). Investigation indicated that the complaint is unlikely related to the Project since the noise generated from the derrick barge should be insignificant as the marine work area is located far away from the surrounding NSRs.
16	18-Oct-20	27-Oct-20	Work Area A	Unwilling to disclose	Noise	EPD	NA	The Complainant complained about the noise nusiance generated by Power Mechanical Equipment such as bar bender and cutter at Works Area A (Working Area 2 of the CNP) at around 09:00 and 17:30 on 18 October 2020 (Sunday)	Contract 1 (NE/2017/07)	As advised by the Contractor of Contract 1 – Contract No. NE/2017/07 (CRBC), stainless steel rebar cutting work with the use of grinder was performed at the complaint location by two workers without notification to CBRC and RSS on 18 October 2020 at around 09:00 hours. The rebar cutting work was spotted by RSS at around 09:15 hours and was stopped immediately. No rebar cutting work was believed to be carried out at 17:30 hours as these two workers were off-duty at 17:00 hours. According to the issued CNP GW-RE0819-20, the use of grinder is not allowed to be operated at working area 2 during restricted hours. A permit to work system had been implemented to ensure Contractor and RSS were notified in advance of any construction work during restricted hours, but the information may not have been properly delivered to frontline staff. After the incident was happened, a series of follow-up action were implemented by CRBC to ensure no prohibited construction work would be performed during restricted hours. The IR revealed that the complaint is related to the Project since stainless steel rebar cutting work was performed with the use of grinder in the complaint period. However, this should be a single incident and CRBC has carried out follow-up action to prevent the incident to be happened again.
17	27-Nov-20	27-Nov-20	D9 Road	Unwilling to disclose	Noise	1823	NA	The Complainant complained about the noise nuisance and the mosquito issue generated from the construction site at D9 Road.	Contract 2 (NE/2017/08)	As advised by the Contractor of Contract 2 (Build King), pre-bored socketed H-piling work was carried out at Wan O Road near Lohas Park Phase 4 while no construction work was carried out at Wan O Road near Lohas Park Phase 2A on 27 November 2020. Noise mitigation measure such as erecting noise barrier was properly implemented by the Contractor during operation of pre-bored socket H-piling work near Lohas Park Phase 4. According to the recent noise monitoring event held at Lohas Park Phase 4 during the operation of the pre-bored socket H-piling work the obtained monitoring result Leq30min is well below the noise criteria 75 db(A). This implies that the noise impact generated from the pre-bored socketed H-piling work should be acceptable at Lohas Park Phase 4. The IR revealed that the complaint is related to the Project. However, noise mitigation measure was implemented properly by the Contractor and no exceedance of noise monitoring result was recorded during the operation of the piling work. Nevertheless, the Contractor was reminded to implement the noise mitigation measures as far as practicable to reduce noise impact to the public.
18	24-Dec-20	24-Dec-20	Wan O Road	SKDC member Mr. CHEUNG Mei Hung	Noise	EPD	NA	The complainant complained the construction works near Lohas Park Phase 4 started at 9am on weekdays and cause noise nuisance to the resident. He urge the Contractor to schedule noisy construction activities such as breaking and piling works to be carried out after 10am on weekdays and enhance the noise mitigation measures with a view to minimise the noise nuisance to the nearby residents.	Contract 2 (NE/2017/08)	As advised by the Contract 2 – Contract No. NE/2017/08 (Build King), pre-bored socketed H-piling (PBSH) work was carried out at Wan O Road in early December 2020 and was completed on 11 December 2020. No noisy construction activities such as breaking and piling work was carried out at the complaint location after the completion of PBSH work on 11 December 2020. In the view of minimizing the noise nuisance to the nearby residents, the Contractor will schedule the coming noisy construction work such as sheet piling works after 10 am on Saturday. However, in order to catch up with the construction progress, the noisy construction work will be scheduled after 9 am on weekdays (i.e. Monday to Friday). The IR revealed that the complaint is not related to the Project since no noisy construction work was carried out during the complaint period. Nevertheless, the Contractor was reminded to implement the noise mitigation measures as far as practicable to reduce noise impact to the public.
19	18-Jan-21	27-Jan-21	Wan O Road	SKDC member Mr. CHEUNG Mei Hung	Noise	EPD	NA	The complainant complained the construction works near Lohas Park Phase 4 cause noise nuisance to the resident. He urge the Contractor to start the noisy construction activities as late as possible on each working day and enhance the noise mitigation measures to minimise the noise nuisance to the nearby residents. He would also like to know when the noisy construction activities will be finished.	Contract 2 (NE/2017/08)	As advised by the Contract Or Contract 2 – Contract No. NE/2017/08 (Build King), sheet piling work was carried out near Lohas Park Phase 4 at Wan O Road in January 2021. The sheet piling work was scheduled after 9am on weekdays (i.e. Monday to Friday) and after 10 am on Saturday in order to minimize the noise nuisance to the nearby residents. The sheet piling work at Wan O Road is expected to be finished at the end of February 2021. In addition, noise mitigation measures such as movable noise barrier and the use of QPME were implemented properly. The IR revealed that the complaint is related to the Project. However, noise mitigation measure was implemented properly by the Contractor and no exceedance of noise monitoring result was recorded during the operation of the piling work. Nevertheless, the Contractor was reminded to implement the noise mitigation measures as far as practicable to reduce noise impact to the public.

Log ref.			Complaint Location	Complainant	Complaint nature	Channel	Ref. no.	Complaint details	Contract Related	Follow up action
20	26-Feb-21	26-Feb-21	Wan O Road	Unwilling to disclose	Noise	CEDD	NA	The Complainant complained about the construction works near Lohas Park Phase 6 which cause noise nuisance to the resident.	Contract 2 (NE/2017/08)	As advised by the Contract Or Contract 2 – Contract No. NE/2017/08 (Build King), concrete breaking work for seawall modification was carried out near Lohas Park Phase 6 at Road D9 during the complaint period. Noise mitigation measure such as erecting noise barrier was properly implemented by the Contractor during concrete breaking work work near Lohas Park Phase 6. According to the recent noise monitoring event held at Lohas Park Phase 4 during concrete breaking work, the obtained monitoring result Leq30min is well below the noise criteria 75 db(A). This implies that the noise impact generated from the concrete breaking work should be acceptable at Lohas Park Phase 6. The IR revealed that the complaint is related to the Project. However, noise mitigation measure was implemented properly by the
										Contractor and no exceedance of noise monitoring result was recorded during the operation of the breaking work. Nevertheless, the Contractor was reminded to implement the noise mitigation measures as far as practicable to reduce noise impact to the public. As advised by the Contractor of Contract 1 - Contract No. NE/2017/07 (CRBC), no land base construction work was carried out near
21	17-Mar-21	17-Mar-21	Road D9	Resident of Lohas Park	Dust	CEDD	NA	The Complainant complained about dust problem at construction site which cause nuisance to Lohas Park Resident	Contract 1 (NE/2017/07) Contract 2 (NE/2017/08)	As advised by the Contractor of Contract P. Contract No. NE/2017/07 (ERBC), no faint base considerable work was carried out fical Road D9 during the complaint period. As advised by the Contractor of Contract 2 – Contract No. NE/2017/08 (Build King), excavation and lateral support (ELS) work was carried out fine the complaint period. Dust mitigation measure such as water spraying at work areea and installed water sprinkler system were properly implemented. The IR revealed that the complaint is related to the Project. However, dust mitigation measure was implemented properly by the Contractor and no exceedance of dust monitoring result was recorded during the compalaint period. Nevertheless, the Contractor was reminded to implement the dust mitigation measures as far as practicable to reduce dust impact to the public.
22	10-Mar-21	18-Mar-21	Work Area A	Resident of Lohas Park 6	Noise	EPD	NA	The Complainant complained about the noise nuisance generated by hammering work at Works Area A between 07:00 and 07:30 on 10 March 2021.		According to the works schedule of Contract 1, no construction work was conducted at Works Area A on 10 March 2021 between 07:00 and 08:00. 3. RSS checked their own records and confirmed that there was no construction work carried out at Works Area A on 10 March 2021 between 07:00 and 08:00. The IR revealed that the complaint is not related to the Project since no construction work was carried out during the complaint period. Nevertheless, the Contractor was reminded to implement the noise mitigation measures as far as practicable to reduce noise impact to the public.
23	16-Mar-21	22-Mar-21	Junk Bay	Sai Kung District Council Member Mr. Lai Wai Tong	Noise	CEDD	NA	The complainant complained about the operation of working barge at Junk Bay at around 7 am in the morning which cause noise nuisance to nearby residents. He hope that the marine work can be started after 08:30 in order to reduce the nuisance to the residents.	Contract 1 (NE/2017/07)	According to the works schedule of Contract 1, all the marine work conducted between 15 and 20 March 2021 was commenced after 08:00 in the morning. No marine work was conducted between 07:00 and 08:00 from 15 to 20 March 2021. RSS checked their own records and confirmed that there was no marine work carried out between 07:00 and 08:00 from 15 to 20 March 2021. The IR revealed that the complaint is not related to the Project since no marine work was conducted during the complaint period. Nevertheless, the Contractor was reminded to implement the noise mitigation measures as far as practicable to reduce noise impact to the public.
24	18-Mar-21	22-Mar-21	Junk Bay	Ocean Shores Owner's Committee Chairman Chan Kai Wai	Noise	CEDD	NA	The complainant complained about the operation of working barge at Junk Bay at around 7 am on 21 February 2021 in the morning which cause noise nuisance to nearby residents.	Contract 1 (NE/2017/07)	According to the works schedule of Contract 1, no marine work was conducted between 07:00 and 08:00 on 21 February 2021. In addition, all the marine works conducted recently around the complaint period (i.e. between 17 and 24 February 2021) were commenced after 08:00 in the morning. RSS checked their own records and confirmed that there was no marine work carried out between 07:00 and 08:00 on 21 February 2021, and from 17 to 24 February 2021. The IR revealed that the complaint is not related to the Project since no marine work was conducted during the complaint period. Nevertheless, the Contractor was reminded to implement the noise mitigation measures as far as practicable to reduce noise impact to the public.
25	21-Mar-21	26-Mar-21	Junk Bay	Unwilling to disclose	Noise	1823	NA	The complainant complained about the operation of marine work on 21 March 2021 Sunday.	Contract 1 (NE/2017/07)	According to the works schedule of Contract 1, no marine work was conducted on 21 March 2021. RSS checked their own records and confirmed that there was no marine work carried out on 21 March 2021. The IR revealed that the complaint is not related to the Project since no marine work was conducted during the complaint period. Nevertheless, the Contractor was reminded to implement the noise mitigation measures as far as practicable to reduce noise impact to the public.
26	12-Apr-21	16-Apr-21	Junk Bay	Unwilling to disclose	Water Quality	1823	NA	The Complainant complained about the marine water pollution caused by the Project.	Contract 2 (NE/2017/08)	As advised by the Contractor of Contract 2 – Contract No. NE/2017/08 (Build King), backfilling work was carried out at Portion III and formwork erection work was carried out at Portion VII on 12 April 2021 near the complaint location (Photo 1 and 2). No concreting works was carried out on 12 April 2021 at Portion III and VII. According to the photo record provided by the complainant, no construction work which might potentially produce sewage/muddy water was observed at that location. In addition, it is observed the site surface at Portion III and Portion VII was dry on 12 April 2021 and no trace of surface runoff/wastewater direct discharge from site was observed. The IR revealed that the complaint is not related to the Project since no sewage/muddy water would be generated by the construction work carried out at Portion III and Portion VII on 12 April 2021 and no trace of surface runoff/wastewater direct discharge was observed.

Log re	Date of Complaint	Date of Received by ET	Complaint Location	Complainant	Complaint nature	Channel	Ref. no.	Complaint details	Contract Related	Follow up action
27	29-Apr-21	4-May-21	Work Area B	Unwilling to disclose	Noise	EPD		The Complainant complained about the noisnuisance caused by the operation of ar automatic rebar cutting machine. The Complainant would also like to know whethe a noise impact assessment was done for the machine operation and the consequent follow up action.	n contract 2 (NE/2017/08)	As advised by the Contract Or Contract 2 – Contract No. NE/2017/08 (Build King), the automatic rebar cutting machine is located at Works Area B and will be operated when rebar cutting work is required. In order to assess the noise impact of the automatic rebar cutting machine, the Contractor has conducted noise monitoring during operation of the machine and the measured noise level did not exceed 75 dB (A) noise criteria. In addition, the Contractor has erected noise barrier for the machine operation at Works Area B as noise mitigation measure to reduce the noise impact to the nearby resident. Although the IR revealed that the complaint is related to the Project, the Contractor has provided noise mitigation measure for the operation of automatic rebar cutting machine and no noise exceedance was recorded.
28	11-Jun-21	11-Jun-21	Wan O Road	Resident of Wings at Sea	Noise	ER	NA	The Complainant complained about the noisnuisance caused by the construction vehicle on 6 June 2021 at around 00:40 and 11 June 2021 at around 00:19.	S Contract 1 (NE/2017/07)	No construction activity was carried out during the restricted hours on 6 and 11 June 2021. However, there were two vehicles entered Contract 2 site area at Wan O Road for parking without permission during the complaint period. In order to avoid similar incident in the future, the Contractor of Contract 2 has provided the following measures: As provided a specific tool box talk to the security company and his on-site guards regarding the site entering procedure for both people and vehicles especially during restricted hours. A warning letter was issued to the security company and sub-contractor to prevent the reoccurrence of this incident in future. Instructed security guards and sub-contractors not to arrange their vehicle entering the site during restricted hours. The IR rereveled that complaint is related to Contract 2 of the Project. Upon received the complaint, the Contractor of Contract 2 has provided follow-up action to prevent the reoccurrence of this incident in future. Nevertheless, the Contractor was reminded to avoid any unnecessary activity during restricted hour in order to reduce noise impact to the public.
29	30-Jun-21	30-Jun-21	Junk Bay	Chan Kai Wai, Chairman of Ocean Shores	Noise	1823	NA	The Complainant complained about the operation of work barge at Junk Bay or Sunday 27 June 2021 at around 9:00.		Relocation of crane barge at Junk Bay from W5 to E7 which is within the working area 2 and 3 of the issued CNP with the use of tug boat was carried out on 27 June 2021 after 09:00. No PME operated before 09:00 on 27 June 2021. According to the issued CNP GW-RE0575-21, tug boat is allowed to operate in working area 2 and 3 between 0900 – 2200 hours during general holiday (including Sunday), During the relocation of crane barge by tug boat, there is no other operation at the working areas and on the crane barge which requires PME and may create noise nuisance during the complaint period. It is confirmed by RSS that only one group of powered mechanical equipment stated in the issued Construction Noise Permit (CNP) GW-RE0575-21 was used by CRBC during the crane barge relocation work and it was complied with the requirement under the CNP. The IR indicated that the complaint is related to Contract 1 of the Project. However, it is allowed to operate the tug boat on Sunday 0900 – 2200 hours according to the issued CNP and the Contractor has strictly followed the CNP requirement.
30	30-Jun-21	2-Jul-21	Road D9	Resident of Lohas Park Phase 6	Water Quality	1823	NA	The Complainant complained about the muddwater observed construction site at Road Dswaterfront at 26 June 2021.		Formwork erection and rebar fixing work were carried out at Portion VI near Lohas Park Phase 4 on 26 June 2021. WetSep were provided as water mitigation measures by the Contractor to treat any wastewater and surface runoff prior to discharge. Although no wastewater was generated from the formwork erection and rebar fixing work, surface runoff was generated use to rainy weather. According to Contractor's record, all the surface runoff was terated by the WetSep prior to discharge and the WetSep was functioning properly on 26 June 2021. During the weekly inspection by ET on 23 June 2021, muddy water was also observed in Junk Bay being discharged from the box culvert (Photo 3). No muddy water discharged from site was found during the inspection. The IR revealed that the complaint is not related to the Project since all the wastewater generated was treated prior to discharge and the source of the muddy water was unlikely from the Project. Nevertheless, the Contractor was reminded to strictly implement the water mitigation measures for any works relating to seawall modification as far as practicable to avoid any water quality impact to the surrounding environment.
31	25-Jun-21	5-Jul-21	Junk Bay	Chan Kai Wai, Chairman of Ocean Shores	Light Pollution	1823	NA	The Complainant complained about the operation of work barge and light pollution or 25 June 2021 at 00:01.		No marine work was conducted on 24 June 2021 night time (23:00 – 07:00). The Contractor of Contract 1 (CRBC) advised that the illumination (e.g. flashlight, headlight) on the crane barge is required for safety reason - to keep the barge being visible and to avoid collision by other marine vessel. In order to minimize the light nuisance to the public, the Contractor has already kept the illumination on the crane barge to a minimum at night. The IR revealed that the complaint is related to the Project since the concern barge is belong to Contract 1 of the Project. However, no marine work was carried out at the complaint period and the illumination on the crane barge was kept to a minimum. Nevertheless, the Contractor were reminded to implement the environmental mitigation measures as far as practicable to reduce the environmental impact arise from the construction site.
32	11-Jul-21	14-Jul-21	Junk Bay	Unwilling to disclose	Noise	1823	NA	The Complainant complained about the operation of work barge at Junk Bay or Sunday 11 July 2021 at around 12:24 and queried whether construction noise permit was obtained.	1 Contract 1 (NE/2017/07)	Load test was carried out by a crane barge at Junk Bay at E2 which is within the working area 2 of the issued CNP. According to the issued CNP GW-RE0575-21, one crane barge is allowed to operate in working area 2 between 0900 – 2200 hours during general holiday (including Sunday). During the load test carried out by the crane barge, there is no other operation at the working area 2 which requires PME and may create noise nuisance during the complaint period. It is confirmed by RSS that only one group of powered mechanical equipment stated in the issued Construction Noise Permit (CNP) GW-RE0575-21 was used by CRBC during the load test and it was complied with the requirement under the CNP. The IR revealed that the complaint is related to Contract 1 of the Project. However, it is allowed to operate the crane barge on Sunday 0900 – 2200 hours according to the issued CNP and the Contractor has strictly followed the CNP requirement.
33	11-Jul-21	14-Jul-21	Junk Bay	Unwilling to disclose	Noise	1823	NA	The Complainant complained about the operation of work barge at Junk Bay or Sunday 11 July 2021 at around 12:18.		Load test was carried out by a crane barge at Junk Bay at E2 which is within the working area 2 of the issued CNP. According to the issued CNP GW-RE0575-21, one crane barge is allowed to operate in working area 2 between 0900 – 2200 hours during general holiday (including Sunday). During the load test carried out by the crane barge, there is no other operation at the working area 2 which requires PME and may create noise nuisance during the complaint period. It is confirmed by RSS that only one group of powered mechanical equipment stated in the issued Construction Noise Permit (CNP) GW-RE0575-21 was used by CRBC during the load test and it was complied with the requirement under the CNP. The IR revealed that the complaint is related to Contract 1 of the Project. However, it is allowed to operate the crane barge on Sunday 0900 – 2200 hours according to the issued CNP and the Contractor has strictly followed the CNP requirement.

Log ref.	Date of		Complaint Location	Complainant	Complaint nature	Channel	Ref. no.	Complaint details	Contract Related	Follow up action
34	11-Jul-21	15-Jul-21	Junk Bay	Unwilling to disclose	Noise	1823	NA	The Complainant complained about the operation of work barge at Junk Bay on Sunday 11 July 2021 at around 12:37 and queried whether construction noise permit was obtained.	Contract 1 (NE/2017/07)	Load test was carried out by a crane barge at Junk Bay at E2 which is within the working area 2 of the issued CNP. According to the issued CNP GW-RE0575-21, one crane barge is allowed to operate in working area 2 between 0900 – 2200 hours during general holiday (including Sunday). During the load test carried out by the crane barge, there is no other operation at the working area 2 which requires PME and may create noise nuisance during the complaint period. It is confirmed by RSS that only one group of powered mechanical equipment stated in the issued Construction Noise Permit (CNP) GW-RE0575-21 was used by CRBC during the load test and it was complied with the requirement under the CNP. The IR revealed that the complaint is related to Contract 1 of the Project. However, it is allowed to operate the crane barge on Sunday 0900 – 2200 hours according to the issued CNP and the Contractor has strictly followed the CNP requirement.
35	11-Jul-21	15-Jul-21	Junk Bay	Unwilling to disclose	Noise	EPD	NA	The Complainant complained about the operation of work barge at Junk Bay on Sunday 11 July 2021 at around 02:50 and queried whether construction noise permit was obtained.	Contract 1 (NE/2017/07)	No marine work was conducted on 11 July 2021 during the complaint period. The Contractor of Contract 1 (CRBC) advised that the illumination (e.g. flashlight, headlight) on the crane barge is required for safety reason - to keep the barge being visible and to avoid collision by other marine vessel. The IR revealed that the complaint is related to the Project since the concern barge is belong to Contract 1 of the Project. However, the complaint was considered not valid since no marine work was carried out at the complaint period. Nevertheless, the Contractor was reminded to strictly follow the requirement stated in the issued Construction Noise Permit if there is any construction work carried out in restricted hours.
36	16-Jul-21	20-Jul-21	Junk Bay	Unwilling to disclose	Noise	EPD	NA	The Complainant complained about the operation of work barge at Junk Bay on 16 July 2021 at around 01:00.		Welding work was conducted within the steel Arch Bridge in Junk Bay which is within the working area 3 of the issued CNP with the use of one welding machine and one generator during the complaint period. According to the issued CNP GW-RED575-21, welding work is allowed to operate in working area 3 between 2300 – 0700 hours during any day. It is confirmed by RSS that only one group of powered mechanical equipment stated in the issued Construction Noise Permit (CNP) GW-RE0575-21 was used by CRBC during the welding work and it was complied with the requirement under the CNP. The IR revealed that the complaint is related to Contract I of the Project. However, it is allowed to operate the welding machine in working area 3 between 2300 – 0700 hours during any day according to the issued CNP and the Contractor has strictly followed the CNP requirement.
37	30-Aug-21	3-Sep-21	Junk Bay	SKDC member Mr. Cheung Mei Hung	Water Quality	EPD	N08/RE/000208 12-21	The Complainant complained about the polluting discharge suspected from the construction site of Cross Bay Link Project at about 18:00 28 August 2021 and about 10:00 on 29 August 2021	Contract 2 (NE/2017/08)	Formwork erection and rebar fixing work were carried out near Lohas Park Phase 6 on 28 August 2021 (Sat) (Photo 1) and no construction work was carried out on 29 August 2021 (Sun). No concreting work nor other construction works that may generate contaminated/muddy water was carried out near Lohas Park Phase 6 on 28 Aug 2021 (Sat) and on 29 August 2021 (Sun). According to the photo record provided by the complainant (Photo 2), no construction work which might potentially produce contaminated/muddy water and no trace of surface runoffi/wastewater direct discharge from site was observed. The polluting discharged from the communal storm water drain should come from other sources. The IR revealed that the complaint is not due to the Project since no contaminated/muddy water would be generated by the construction work on 28 and 29 August 2021 and no trace of surface runoffi/wastewater direct discharge was observed. Nevertheless, the Contractor was reminded to strictly implement the water mitigation measures on site as far as practicable to avoid any water quality impact to the surrounding environment.
38	9-Sep-21	10-Sep-21	D9 Road	Resident of Lohas Park	Noise	1823	NA	The Complainant complained about the noise nuisance generated from PME or generator at site area near D9 Road.	Contract 1 (NE/2017/07) Contract 2 (NE/2017/08)	As advised by the Contract or of Contract 1 – Contract No. NE/2017/07 (CRBC) and Contract 2 – Contract No. NE/2017/08 (Build King), no construction work was carried out, and no operation of PME and generator was performed at site area near Road D9 and at Works Area A during restricted hours in September 2021. RSS also confirmed that there is no construction work and no operation of PME during the abovementioned period at the complaint location. The IR revealed that the complaint is unlikely due to the Project since no construction work was carried out during restricted hours near Road D9 in September 2021. Nevertheless, the Contractor was reminded to strictly follow the requirement stated in the issued construction noise permit when construction work is required during restricted hours.
39	29-Dec-21	29-Dec-21	D9 Road	Unwilling to disclose	Noise	1823	NA	The Complainant complained about the frequency noise from the Project	Contract 1 (NE/2017/07)	As advised by the Contractor of Contract 1 – Contract No. NE/2017/07 (CRBC), all the evening marine work carried out in December 2021 were finished by 22:00 each day. No construction work and no operation of PME was carried out during 22:00 – 00:30 in December 2021. It is also confirmed by RSS that there is no construction work and no operation of PME during the complaint period under the Project. The IR revealed that the complaint is unlikely due to the Project since no construction work was carried out during the complaint period. Nevertheless, the Contractor was reminded to strictly follow the requirement stated in the issued construction noise permit when construction work is required during restricted hours.

Log ref.		Date of Received by ET	Complaint Location	Complainant	Complaint nature	Channel	Ref. no.	Complaint details	Contract Related	Follow up action
40	7-Feb-22	17-Feb-22	D9 Road	Unwilling to disclose	Water Quality	EPD	N08/RE/000032 64-22	The Complainant complained about the muddy discharge at construction site of Cross Bay Link Project at 09:45 on 7 February 2022		As advised by the Contractor of Contract 2 – Contract No. NE/2017/08 (Build King), backfilling work was carried out near Lohas Park Phase 6 on 7 February 2022. No concreting work nor other construction works that may generate muddy water was carried out near Lohas Park Phase 6 on 7 February 2022. According to the photo record provided by the complainant, no muddy water was observed on site and no trace of surface runoff/wastewater direct discharge from site was observed. The muddy water discharged from the communal storm water drain should come from other sources. The IR revealed that the complaint is not due to the Project since no muddy water would be generated by the construction work on 7 February 2022 and no trace of surface runoff/wastewater direct discharge was observed. Nevertheless, the Contractor was reminded to strictly implement the water mitigation measures on site as far as practicable to avoid any water quality impact to the surrounding environment.
41	17-Mar-22	28-Apr-22	Junk Bay	Resident of Island Resort, Siu Sai Wan	Noise	EPD	H20/RS/000052 92-22	The Complainant complained about the noise nuisance caused by work barge at Junk Bay on 17 March 2022 evening		A complaint was received by EPD regarding the noise nuisance caused by marine construction vessels on 17 March 2022 evening. As advised by the Contractor of Contract 1, no marine work and no operation of PME was carried out at Junk Bay on 17 March 2022 after 19:00. It is confirmed by RSS that there is no marine work and no operation of PME during the complaint period under the Project. EPD carried out investigation regarding the complaint and revealed that there was a noisy tug boat towing a barge at the Junk Bay toward Lei Yue Mun direction at around 00:00 on 15 April 2022. However, it is not sure if the tug boat is related to Cross Bay Link Project. Besides, as advised by the Contractor of Contract 1, no marine work and no operation of tug boat was carried out on 14 April 2022 after 19:00 under the Project. The Investigation conducted by the ET revealed that the complaint is not related to the Project since no construction work was carried out during the complaint period.
42	2-May-22	12-May-22	Junk Bay	Unwilling to disclose	Noise	1823	NA	The Complainant complained about the noise nuisance caused by construction work under CEDD Contract NE 201707 on 2 May 2022		A complaint was received by 1823 regarding the noise nuisance construction work under CEDD Contract NE/2017/07 on 2 May 2022 which is a public holiday. The complainant did not specified the concerned location. As advised by the Contractor of Contract 1 (CRBC), no land base and marine construction work, and no operation of PME was carried out on 2 May 2022 under the Project. It is also confirmed by RSS that there is no construction work and no operation of PME during the complaint period under the Project. The Investigation conducted by the ET revealed that the complaint is not related to the Project since no construction work was carried out during the complaint period.
43	13-May-22	18-May-22	D9 Road	Unwilling to disclose	Water Quality	EPD	N08/RE/00009 330-22	The Complainant complained about the suspected muddy water discharge to Junk Bay under CEDD Contract NE 2017/08 on 13 May 2022	Contract 2 (NE/2017/08)	A complaint was received by EPD regarding the muddy discharge suspected from the construction site under CEDD Contract No. NE 2017/08 on 13 May 2022. As advised by the Contractor of Contract 2 (Build King), cable shifting work at Wan O Road and general site cleaning work were carried out on 13 May 2022. No concreting work nor other construction works that may generate muddy water was carried out on 13 May 2022. As observed from the site photos taken on 13 May 2022, no trace of surface runoff/wastewater direct discharge from site was observed. In addition, muddy water was observed being discharged to Junk Bay from the box culvert during ET's site inspection on 11 May 2022 while no muddy water discharged from site was found during the inspection. The Investigation conducted by the ET revealed that the complaint is not related to the Project since no construction work was carried out during the complaint period.



Appendix I

Implementation Schedule for Environmental Mitigation Measures



		Objectives of the		Imple	nentation	Requirements
EIA Ref	Environmental Protection Measures/ Mitigation Measures	Recommended Measures &	Location/ Timing	Agent	Stage	and/or Standards to
		Main Concerns to Address		- Ingenie	2 mgc	be Achieved
	ct (Contraction Phase)			T =	T =: .	
S5.5.5.1	Regular watering under good site practice shall be adopted. In accordance with the "Control of Open Fugitive Dust Sources" (USEPA AP-42), watering once per hour on exposed worksites and haul road is recommended to achieve dust removal efficiency of 91.7%.	Good construction site practices to control the dust impact on the nearby sensitive receivers to within the relevant criteria		Contractor	Construction	APCO (Cap. 311); and Air Pollution Control (Construction Dust) Regulation
\$5.5.5.3	 The following dust suppression measures shall also be incorporated by the Contractor to control the dust nuisance throughout the construction phase: Any excavated or stockpiled dusty material shall be covered entirely by impervious sheeting or sprayed with water to maintain the entire surface wet and then removed or backfilled or reinstated where practicable within 24 hours of the excavation or unloading; Any dusty materials remaining after a stockpile is removed shall be wetted with water and cleared from the surface of roads; A stockpile of dusty material shall not extend beyond the pedestrian barriers, fencing or traffic cones; The load of dusty materials on a vehicle leaving a construction site shall be covered entirely by impervious sheeting to ensure that the dusty materials do not leak from the vehicle; Where practicable, vehicle washing facilities with high pressure water jet shall be provided at every discernible or designated vehicle exit point. The area where vehicle washing takes place and the road section between the washing facilities and the exit point shall be paved with concrete, bituminous materials or hardcores; When there are open excavation and reinstatement works, hoarding of not less than 2.4m high shall be provided as far as practicable along the site boundary with provision for public crossing. Good site practice shall also be adopted by the Contractor to ensure the conditions of the hoardings are properly maintained throughout the construction period; The portion of any road leading to the construction site that is within 30m of a vehicle entrance or exit shall be kept clear 	Good construction site practices to control the dust impact on the nearby sensitive receivers to within the relevant criteria	All construction sites	Contractor	Construction stage	APCO (Cap. 311); and Air Pollution Control (Construction Dust) Regulation



EIA Ref	Environmental Protection Measures/ Mitigation Measures			Implementation		Requirements
		Recommended Measures & Main Concerns to Address	Location/ Timing	Agent	Stage	and/or Standards to be Achieved
	 of dusty materials; Surfaces where any pneumatic or power driven drilling, cutting, polishing or other mechanical breaking operation takes place shall be sprayed with water or a dust suppression chemical continuously; Any area that involves demolition activities shall be sprayed with water or a dust suppression chemical immediately prior to, during and immediately after the activities so as to maintain the entire surface wet; Where a scaffolding is erected around the perimeter of a building under construction, effective dust screens, sheeting or netting shall be provided to enclose the scaffolding from the ground floor level of the building, or a canopy should be provided from the first floor level up to the highest level of the scaffolding; Any skip hoist for material transport shall be totally enclosed by impervious sheeting; Exposed earth shall be properly treated by compaction, turfing, hydroseeding, vegetation planting or sealing with latex, vinyl, bitumen, shortcrete or other suitable surface stabiliser within six months after the last construction activity on the construction site or part of the construction site where the exposed earth lies. 					
S5.5.5.4	For the barging facilities at the site compound, the following good site practice is required: • All road surfaces within the barging facilities shall be paved. • Vehicles should pass through designated wheel wash facilities. • Continuous water spray shall be installed at the loading point.	Good construction site practices to control the dust impact on the nearby sensitive receivers to within the relevant criteria	Site compound	Contractor	Construction stage	 APCO (Cap. 311); and Air Pollution Control (Construction Dust) Regulation
S5.5.5.5	An audit and monitoring programme during the construction phase should be implemented by the Contractor to ensure that the construction dust impacts are controlled to within the HKAQO. Detailed requirements for the audit and monitoring programmes are given separately in the EM&A manual. act (Contraction Phase)	Monitor the 1-Hour and 24-Hr TSP levels at the representative dust monitoring stations to ensure compliance with relevant criteria throughout the construction period	Selected representative dust monitoring station (Drawing no. 209506/EMA/AIR/001)	Contractor	Construction stage	APCO (Cap. 311); and Air Pollution Control (Construction Dust) Regulation



		Objectives of the		Implen	nentation	Requirements
EIA Ref	Environmental Protection Measures/ Mitigation Measures	Recommended Measures & Main Concerns to Address	Location/ Timing	Agent	Stage	and/or Standards to be Achieved
S6.6.4.3	 Good site practice and noise management techniques: Only well-maintained plant shall be operated on-site and the plant shall be serviced regularly during the construction programme; Machines and plant (such as trucks, cranes) that are in intermittent use shall be shut down between work periods or throttled down to a minimum; Plant known to emit noise strongly in one direction, where possible, shall be orientated so that the noise is directed away from nearby NSRs; Silencers or mufflers on construction equipment shall be properly fitted and maintained during the construction works; Mobile plant shall be sited as far away from NSRs as possible and practicable; and Material stockpiles, site office and other structures shall be effectively utilised, where practicable, to screen noise from on-site construction activities. 	To minimize construction noise impact arising from the Project on the affected NSRs	All construction sites	Contractor	Construction stage	• Annex 5, TM-EIAO
S6.6.4.5-6	Use of quiet powered mechanical equipment and working methods	Reduce noise levels of plant items	All construction sites	Contractor	Construction stage	• Annex 5, TM-EIAO
S6.6.4.7	Install site hoarding at the site boundaries between noisy construction activities and NSRs	Reduce the construction noise levels at low-level zone of NSRs through partial screening	All construction sites	Contractor	Construction stage	• Annex 5, TM-EIAO
S6.6.4.8-11	Use of temporary or movable noise barriers and full enclosure for relatively fixed plant source	Screen the noisy plant items to be used at all construction sites	For plant items listed in Table 6.7 and Appendix 6.1 of the EIA report at all construction sites	Contractor	Construction stage	• Annex 5, TM-EIAO
	Implement a noise monitoring programme under the EM&A manual	Monitor the construction noise levels at the selected representative locations	Selected representative noise monitoring stations (Drawing no. 209506/EMA/NS/001 & 209506/EMA/NS/002)	Contractor	Construction stage	• Annex 5, TM-EIAO
S6.7.3.1	Partial enclosures along Road D9 and application of low noise surfacing material along CBL and Road D9	To minimize road traffic noise impact arising from the CBL and Road D9 on the affected NSRs	CBL and Road D9 (Drawing no. 209506/EMA/NS/003)	CEDD/ Contractor	During operational stage	• Annex 5, TM-EIAO



		Objectives of the		Impler	nentation	Requirements	
EIA Ref	Environmental Protection Measures/ Mitigation Measures	Recommended Measures &	Location/ Timing	Agent	Stage	and/or Standards to	
		Main Concerns to Address		Agent	Stage	be Achieved	
	lity Impact (Contraction Phase)						
S8.6.4.3	 Marine Piling and Pile Excavation Works Marine piling and pile excavation works shall be undertaken in such a manner as to minimize re-suspension of sediments. Standard good practice measures shall be implemented, including the following requirements: All marine piling and pile excavation works shall be conducted within a floating single silt curtain. Mechanical closed grabs (with a size of5m3) shall be designed and maintained to avoid spillage and should seal tightly while being lifted. Barges shall have tight fitting seals to their bottom openings to prevent leakage of material. Any pipe leakages shall be repaired quickly. Plant should not be operated with leaking pipes. Loading of barges shall be controlled to prevent splashing of dredged material to the surrounding water. Barges shall not be filled to a level which will cause overflow of materials or pollution of water during loading or transportation. Excess material shall be cleaned from the decks and exposed fittings of barges before the vessel is moved. Adequate freeboard shall be maintained on barges to reduce the likelihood of decks being washed by wave action. All vessels shall be sized such that adequate clearance is maintained between vessels and the sea bed at all states of the tide to ensure that undue turbidity is not generated by turbulence from vessel movement or propeller wash. The works shall not cause foam, oil, grease, litter or other 	To control potential impacts from marine piling and pile excavation works		Contractor	Construction stage	• TM-EIAO; and • WPCO	
	objectionable matter to be present in the water within and adjacent to the works site.						
S8.6.4.4	Construction Site Runoff In accordance with the Practice Note for Professional Persons on Construction Site Drainage, Environmental Protection Department, 1994 (ProPECC PN 1/94), construction phase mitigation measures, where appropriate, shall include the following: • The design of efficient silt removal facilities shall be based on the guidelines in Appendix A1 of ProPECC PN 1/94. The	Control potential water quality impacts from construction site run-off	All construction sites	Contractor	Construction stage	• TM-EIAO; and • WPCO	

CEDD Contract Agreement No. EDO/04/2018 -Environmental Team for Cross Bay Link, Tseung Kwan O Quarterly EM&A Summary Report (March to May 2022)



		Objectives of the		Implementation		Requirements
EIA Ref	Environmental Protection Measures/ Mitigation Measures	Recommended Measures & Main Concerns to Address	Location/ Timing	Agent	Stage	and/or Standards to be Achieved
	 detailed design of the sand/silt traps shall be undertaken by the contractor prior to the commencement of construction; Open stockpiles of construction materials (for example, aggregates, sand and fill material) of more than 50m3 shall be covered with tarpaulin or similar fabric during rainstorms. Measures shall be taken to prevent the washing away of construction materials, soil, silt or debris into any marine water bodies; All vehicles and plant shall be cleaned before leaving a construction site to ensure no earth, mud, debris and the like is deposited by them on roads. An adequately designed and sited wheel washing facilities shall be provided at every construction site exit where practicable. Wash-water shall have sand and silt settled out and removed at least on a weekly basis to ensure the continued efficiency of the process. The section of access road leading to, and exiting from, the wheel-wash bay to the public road shall be paved with sufficient backfall toward the wheel-wash bay to prevent vehicle tracking of soil and silty water to public roads and drains; Construction solid waste, debris and rubbish on site shall be collected, handled and disposed of properly to avoid water quality impacts; All fuel tanks and storage areas shall be provided with locks and sited on sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank to prevent spilled fuel oils from reaching water sensitive receivers nearby; and Regular environmental audit on the construction site shall be carried out in order to prevent any malpractices. Notices shall be posted at conspicuous locations to remind the workers not to discharge any sewage or wastewater into the meander, wetlands and fish ponds. 					
S8.6.4.6	Sewage from workforce Portable chemical toilets and sewage holding tanks shall be provided for handling the construction sewage generated by the workforce; A licensed contractor shall be employed to provide	Control potential water quality impacts from sewage	All construction sites	Contractor	Construction stage	• TM-EIAO; and • WPCO



		Objectives of the		Implen	nentation	Requirements
EIA Ref	Environmental Protection Measures/ Mitigation Measures	Recommended Measures & Main Concerns to Address	Location/ Timing	Agent	Stage	and/or Standards to be Achieved
	appropriate and adequate portable toilets and be responsible for appropriate disposal and maintenance.					
	Monitoring Implement a marine water quality monitoring programme under the EM&A on level of suspended solids (SS) / turbidity and dissolved oxygen (DO) shall be carried out.	Control potential water quality impacts from marine piling and pile excavation works	Selected monitoring stations (Drawing no. 209506/EMA/WQ/001)	Contractor	Construction station	• TM-EIAO; and • WPCO
S8.7.3.2	Operational phase – Runoff from road surface Proper drainage systems with silt traps and oil interceptors shall be installed, maintained and cleaned at regular intervals.	Control potential water quality impacts from road surface runoff	CBL and Road D9	Contractor	Construction and operational stage	TM-EIAO; and WPCO
Waste Mai	nagement (Contraction Phase)					
S9.5.2	 Good Site Practices Recommendations for good site practices: Nomination of an approved personnel to be responsible for the implementation of good site practices, arrangements for collection and effective deposal to an appropriate facility of all wastes generated at the site; Training of site personnel in proper waste management and chemical handling procedures; Provision of sufficient waste disposal points and regular collection for disposal; Separation of chemical wastes for special handling and appropriate treatment at the Chemical Waste Treatment Centre; Regular cleaning and maintenance programme for drainage systems, sumps and oil interceptors; and Implementation of a recording system for the amount of wastes generated/recycled and disposal sites. 	Good site practices which ensure waste generated during construction phase is properly managed	All construction sites	Contractor	Construction stage	 Waste Disposal Ordinance (Cap. 54); ETWB TCW No. 19/2005



		Objectives of the		Implementation		Requirements
EIA Ref	Environmental Protection Measures/ Mitigation Measures	Recommended Measures &	Location/ Timing	Agent	Stage	and/or Standards to
G0.5.4		Main Concerns to Address	4.11			be Achieved
S9.5.4	 Waste Reduction Measures Recommendations for achieving waste reduction include: On-site reuse of any material excavated as far as practicable; Segregation and storage of different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of material and their proper disposal; Collection of aluminum cans and waste paper by individual collectors during construction should be encouraged. Separately labelled recycling bins should also be provided to segregate these wastes from other general refuse by the workforce; Recycling of any unused chemicals and those with remaining functional capacity as far as possible; Prevention of the potential damage or contamination to the construction materials though proper storage and good site practices; Planning and stocking of construction materials should be made carefully to minimize amount of waste generated avoid unnecessary generation of waste; and Training on the importance of appropriate waste management procedures, including waste reduction, reuse and recycling should be provided to workers. 	To reduce amount of waste generated during construction phase	All construction sites	Contractor	Construction stage	 Waste Disposal Ordinance (Cap. 54); ETWB TCW No. 19/2005
S9.5.5-6	 Storage, Collection and Transportation of Waste Recommendations for proper storage include: Waste such as soil should be handled and stored well to ensure secure containment; Stockpiling area should be provided with covers and water spraying system to prevent materials from being washed away and to reduce wind-blown litter; and Different locations should be designated to stockpile each material to enhance reuse. With respect to the collection and transportation of waste from the construction works, the following is recommended: Remove waste in a timely manner; Employ trucks with cover or enclosed containers for waste transportations; Obtain relevant waste disposal permits from the appropriate 	To reduce the environmental implications of improper storage	All construction sites	Contractor	Construction stage	 Waste Disposal Ordinance (Cap. 54); ETWB TCW No. 19/2005



		Objectives of the		Implementation		Requirements
EIA Ref	Environmental Protection Measures/ Mitigation Measures	Recommended Measures & Main Concerns to Address	Location/ Timing	Agent	Stage	and/or Standards to be Achieved
	authorities; andDisposal of waste should be done at licensed waste disposal facilities.					
S9.5.8-11	 C&D Materials The following mitigation measures shall be implemented in handling the waste: Maintain temporary stockpiles and reuse excavated fill material for backfilling and reinstatement; Carry out on-site sorting; Make provisions in the Contract documents to allow and promote the use of recycled aggregates where appropriate; Implement a trip-ticket system for each works contract to ensure that the disposal of C&D materials are properly documented and verified; Disposal of the C&D materials onto any sensitive locations such as agricultural lands, etc. should be avoided. The Contractor shall propose the final disposal sites to the Project Proponent and get its approval before implementation; Standard formwork or pre-fabrication order to minimise the arising of C&D materials. The use of more durable formwork or plastic facing for the construction works should be considered. Metal hoarding should be used to enhance the possibility of recycling. The purchasing of construction materials will be carefully planned in order to avoid over ordering and wastage; and The Contractor should recycle as much of the C&D materials as possible on-site. Public fill and C&D waste should be segregated and stored in different containers or skips to enhance reuse or recycling of materials and their proper disposal. Where practicable, concrete and masonry can be crushed and used as fill. Steel reinforcement bar can be used by scrap steel mills. Different areas of the sites should be considered for such segregation and storage. 	Good site practice to minimize the waste generation and recycle the C&D materials as far as practicable so as to reduce the amount for final disposal	All construction sites	Contractor	Construction stage	 Waste Disposal Ordinance (Cap. 54); ETWB TCW No. 19/2005 ETWB TCW No. 06/2010
S9.5.13	Excavated Marine Sediments During transportation and disposal of the excavated marine sediments, the following measures shall be taken to minimize potential environmental impacts: • Bottom opening of barges should be fitted with tight fitting	To minimize potential impacts on water quality	All construction sites where applicable	Contractor	Construction stage	• ETWBTC (Works) No. 34/2002



		Objectives of the		Implen	nentation	Requirements
EIA Ref	Environmental Protection Measures/ Mitigation Measures	Recommended Measures & Main Concerns to Address	Location/ Timing	Agent	Stage	and/or Standards to be Achieved
	seals to prevent leakage of material. Excess material should be cleaned from the decks and exposed fittings of barges and hopper dredgers before the vessel is moved; • Monitoring of the barge loading should be conducted to ensure that loss of material does not take place during transportation; • Transport barges or vessels should be equipped with automatic self-monitoring devices as specified by the DEP; and • Barges should not be filled to a level that would cause the overflow of materials or sediment-laden water during loading or transportation.					
S9.5.14-17	For those processes which generate chemical waste, the Contractor shall identify any alternatives that generate reduced quantities or even no chemical waste, or less dangerous types of chemical waste.	To ensure proper management of chemical waste	All construction sites	Contractor	Construction stage	• Waste Disposal (Chemical Waste) (General) Regulation;
	If chemical waste is produced at the construction site, the Contractor is required to register with EPD as chemical waste producers. Chemical waste shall be handled in accordance with the Code of Practice on the Packaging, Handling and Storage of Chemical Wastes as follows. Containers used for storage of chemical wastes shall: • Be suitable for the substance they are holding, resistant to					Code of Practice on the Packaging, Labelling and Storage of Chemical Waste
	corrosion, maintained in a good condition, and securely closed; • Have a capacity of less than 450 L unless the specification					
	 have been approved by EPD; and Display a label in English and Chinese in accordance with instructions prescribed in Schedule 2 of the Regulations. 					
	 The storage area for chemical wastes shall: Be clearly labelled and used solely for the storage of chemical wastes; Be enclosed on at least 3 sides; 					
	• Have an impermeable floor and bunding of capacity to accommodate 110% of the volume of the largest container or 20% by volume of the chemical waste stored in the area, whichever is greatest;					



		Objectives of the		Implen	nentation	Requirements	
EIA Ref	Environmental Protection Measures/ Mitigation Measures	Recommended Measures & Main Concerns to Address	Location/ Timing	Agent	Stage	and/or Standards to be Achieved	
	 Have adequate ventilation; Be covered to prevent rainfall entering (water collected within the bund must be tested and disposed as chemical waste, if necessary); and Be arranged so that incompatible materials are adequately separated. Disposal of chemical waste shall: Be via a licensed waste collector; and Be to a facility licensed to receive chemical waste, such as the CWTC which also offers a chemical waste collection service and can supply the necessary storage containers; or Be to a re-user of the waste, under approval from EPD. 	Main Concerns to Address				De Acmeved	
S9.5.18	Sewage An adequate number of portable toilets shall be provided for the on-site construction workers. Any waste shall be transferred to a sewage treatment works by a licensed collector.	Proper handling of sewage from worker to avoid odour, pest and litter impacts	All construction sites	Contractor	Construction stage	• Waste Disposal Ordinance (Cap. 54)	
S9.5.19	General Refuse General refuse generated on-site shall be stored in enclosed bins or compaction units separately from construction and chemical wastes. Recycling bins shall also be provided to encourage recycling. A reputable waste collector shall be employed by the Contractor to remove general refuse from the site on a daily basis separately from the construction and chemical wastes. Burning of refuse on construction sites is prohibited by law.	Minimize production of general refuse and avoid odour, pest and litter impacts	All construction sites	Contractor	Construction stage	• Waste Disposal Ordinance (Cap. 54)	
S10.7.2.4	Good Site Practices – The integrity and effectiveness of all silt curtains shall be regularly inspected. Effluent monitoring should be incorporated to make sure that the discharged effluent from construction sites meets the relevant effluent discharge guidelines.	To minimize potential impacts on water quality and protect marine communities within Junk Bay	All construction sites	Contractor	Construction stage	TM-EIAO; and WPCO	
S10.7.2.5	Site runoff control – For works on land, standard site runoff control measures will be established and strictly enforced to ensure that discharge of contaminated or silt-laden runoff into marine waters is minimized.	To minimize potential impacts on water quality and protect marine communities within Junk Bay	All construction sites	Contractor	Construction stage	TM-EIAO; and WPCO	
S10.9.1.1	The marine water quality monitoring programme recommended in Chapter 8 of this EIA report and this EMIS would also serve to protect the marine communities inside Junk Bay.	To minimize potential impacts on water quality and protect marine	Selected monitoring stations (Drawing no. 209506/EMA/WQ/001)	Contractor	Construction stage	TM-EIAO; and WPCO	



		Objectives of the		Implementation		Requirements
EIA Ref	Environmental Protection Measures/ Mitigation Measures	Recommended Measures & Main Concerns to Address	Location/ Timing	Agent	Stage	and/or Standards to be Achieved
		communities within Junk Bay				
S11.6.2.2	Good Site Practices: – The integrity and effectiveness of all silt curtains should be regularly inspected. Effluent monitoring shall be incorporated to make sure that the discharged effluent from construction sites meets the relevant effluent discharge guidelines.	To minimize potential impacts on water quality and protect fishery resources	All construction sites	Contractor	Construction stage	• TM-EIAO; and • WPCO
S11.6.2.3	Site runoff control - For works on land, standard site runoff control measures will be established and strictly enforced to ensure that discharge of contaminated or silt-laden runoff is minimized.	To minimize potential impacts on water quality and protect fishery resources	All construction sites	Contractor	Construction stage	• TM-EIAO; and • WPCO
S11.8.1.1	The marine water quality monitoring programme recommended in Chapter 8 of this EIA report and this EMIS would also serve to protect the fishery resources.	To minimize potential impacts on water quality and protect fishery resources	Selected monitoring stations (Drawing no. 209506/EMA/WQ/001)	Contractor	Construction stage	• TM-EIAO; and • WPCO
Landscape	and Visual					
S13.8.1.2	 The following mitigation measures should be implemented in the construction stage CM1 – The construction area and contractor's temporary works areas should be minimized to avoid impacts on adjacent landscape. CM2 – Reduction of construction period to practical minimum. CM3 – Topsoil, where identified, should be stripped and stored for re-use in the construction of the soft landscape works, where the soil material meets acceptable criteria and where practical. The Contract Specification shall include storage and reuse of topsoil as appropriate. CM4 – Existing trees on boundary of the Project Area shall be carefully protected during construction. Detailed Tree Protection Specification shall be provided in the Contract Specification. Under this specification, the Contractor shall be required to submit, for approval, a detailed working method statement for the protection of trees prior to undertaking any works adjacent to all retained trees, including trees in contractor's works areas. (Tree protection measures will be detailed at Tree Removal Application stage). 	Minimize effects of landscape and visual impacts	Work site/during construction	Funded and implemented by CEDD		



		Objectives of the		Implen	nentation	Requirements
EIA Ref	Environmental Protection Measures/ Mitigation Measures	Recommended Measures & Main Concerns to Address	Location/ Timing	Agent	Stage	and/or Standards to be Achieved
	 CM5 – Trees unavoidably affected by the works shall be transplanted where practical. Trees should be transplanted straight to their final receptor site and not held in a temporary nursery. A detailed Tree Transplanting Specification shall be provided in the Contract Specification, if applicable. Sufficient time for necessary tree root and crown preparation periods shall be allowed in the project programme. CM6 – Advance screen planting to proposed roads and associated structures. CM7 – hydroseeding or sheeting of soil stockpiles with visually unobtrusive material (in earth tone). CM8 – Screening of construction works by hoardings/noise barriers around works area in visually unobtrusive colours, to screen Works. CM9 – Control night-time lighting and glare by hooding all lights. CM10 – Ensure no run-off into water body adjacent to the Project Area. CM11 – Avoidance of excessive height and bulk of 					
S13.8.1.2	buildings and structures OM1 – Compensatory tree planting for all felled trees shall be provided to the satisfaction of relevant Government departments. Required numbers and locations of compensatory trees shall be determined and agreed separately with Government during the Tree Felling Application process under ETWBTC 3/2006.	Minimize effects of landscape and visual impacts	Within the site boundary of the proposed works	and LCSD.	construction and operational stages	
S13.8.1.2	 The following mitigation measures should be implemented in the operational stage: OM2 – A continuous belt of screen planting along the roads. Planting of the belt of trees shall be carried out as advance works ahead of other site formation and building works. OM3 – Maximise soft landscape of the site, where space permits, roadside berms /slope treatment works should be created. OM4 – During detailed design, refine structure layout to create a planting strips along the roads to enhance greenery. OM5 – Use appropriate (visually unobtrusive and 	Minimize effects of landscape and visual impacts	CBL and Road D9/during construction and operation	Funded and implemented by CEDD. Maintained by CEDD and LCSD.	construction and operational	



		Objectives of the		Implen	nentation	Requirements
EIA Ref	Environmental Protection Measures/ Mitigation Measures	Recommended Measures & Main Concerns to Address	Location/ Timing	Agent	Stage	and/or Standards to be Achieved
	 non-reflective) building materials and colours, and aesthetic design in built structures. OM6 – Streetscape elements (e.g. paving, signage, street furniture, lighting etc.) shall be sensitively designed in a manner that responds to the local context, and minimizes potential negative landscape and visual impacts. Lighting units should be directional and minimize unnecessary light spill. OM7 – Avoidance of excessive height and bulk of buildings and structures 					
Landfill G						
S14.7.5	 Precautionary measures The following guidance has been extracted from the EPD's Landfill Gas Hazard Assessment Guidance Note Guidance to ensure a robust and comprehensive set of measures to protect workers are provided. During all works, safety procedures shall be implemented to minimize the risks of fires and explosions, asphyxiation of workers (especially in confined space) and toxicity effects resulting from contact with contaminated soils and groundwater. Safety officers who are specifically trained with regard to LFG and leachate related hazards and the appropriate actions to take in adverse circumstances shall be present on all worksites throughout the works. All personnel who work on site and all visitors to the site shall be made aware of the possibility of ignition of gas in the vicinity of the works, the possible presence of contaminated water and the need to avoid physical contact with it. Those staff who work in, or have responsibility for "at risk" areas, including all excavation workers, supervisors and engineers working within the consultation zone, shall receive appropriate training on working in areas susceptible to LFG hazards. Enhanced personal hygiene practices including washing thoroughly after working and eating only in "clean" areas shall be adopted where contact may have been made with 	Health and safety of the workers	Construction sites within 250m Consultation Zone (Drawing no. 209506/EMA/LFG/001)	Contractor	Construction stage	• Landfill Gas Hazard Assessment Guidance Note (EPD/TR8/97)

CEDD Contract Agreement No. EDO/04/2018 -Environmental Team for Cross Bay Link, Tseung Kwan O Quarterly EM&A Summary Report (March to May 2022)



leachate. Ground level construction plant shall be fitted with vertical exhausts at least 0.6m above ground level and with spark arrestors. During piping assembly or ducting construction, all valves/seals shall be closed immediately after installation. As construction progresses, all valves/seals should be closed as installed to prevent the migration of gases through the pipeline/conduit. All piping /ducting shall be capped at the end of each working day. Mobile offices, equipment stores, mess rooms etc. shall be located on an area which has been proven to be gas free (by survey with portable gas detectors) and ongoing monitoring shall be carried out to ensure that these areas remain gas free. Alternatively, such buildings shall be raised clear of the ground. If buildings are raised clear of the ground, the minimum, clear separation distance (as measured from the highest point on the ground surface to the underside of the lowest floor joist) shall be 500mm. However, in this case, it is highly recommended that all the site offices, equipment stores and mess rooms should be located outside the 250m Consultation Zone. Smoking and naked flames shall be prohibited within confined spaces. "No Smoking" and "No Naked Flame" notices in Chinese and English shall be posted prominently around the construction site. Safety notices shall be posted warning of the potential hazards. Welding, flame-cutting or other hot works may only be			Objectives of the		Implen	nentation	Requirements
 Ground level construction plant shall be fitted with vertical exhausts at least 0.6m above ground level and with spark arrestors. During piping assembly or ducting construction, all valves/seals shall be closed immediately after installation. As construction progresses, all valves/seals should be closed as installed to prevent the migration of gases through the pipeline/conduit. All piping /ducting shall be capped at the end of each working day. Mobile offices, equipment stores, mess rooms etc. shall be located on an area which has been proven to be gas free (by survey with portable gas detectors) and ongoing monitoring shall be carried out to ensure that these areas remain gas free. Alternatively, such buildings shall be raised clear of the ground. If buildings are raised clear of the ground, the minimum, clear separation distance (as measured from the highest point on the ground surface to the underside of the lowest floor joist) shall be 500mm. However, in this case, it is highly recommended that all the site offices, equipment stores and mess rooms should be located outside the 250m Consultation Zone. Smoking and naked flames shall be prohibited within confined spaces. "No Smoking" and "No Naked Flame" notices in Chinese and English shall be posted prominently around the construction site. Safety notices shall be posted warning of the potential hazards. Welding, flame-cutting or other hot works may only be 	EIA Ref	Environmental Protection Measures/ Mitigation Measures		Location/ Timing	Agent	Stage	and/or Standards to be Achieved
to work" procedure, properly authorized by the Safety Office. The permit to work procedure shall set down clearly the requirements for continuous monitoring of methane, carbon dioxide and oxygen throughout the period during which the hot works are in progress. The procedure shall also require the presence of an appropriately qualified person who shall be responsible for reviewing the gas measurements as they are made, and who shall have executive		leachate. Ground level construction plant shall be fitted with vertical exhausts at least 0.6m above ground level and with spark arrestors. During piping assembly or ducting construction, all valves/seals shall be closed immediately after installation. As construction progresses, all valves/seals should be closed as installed to prevent the migration of gases through the pipeline/conduit. All piping /ducting shall be capped at the end of each working day. Mobile offices, equipment stores, mess rooms etc. shall be located on an area which has been proven to be gas free (by survey with portable gas detectors) and ongoing monitoring shall be carried out to ensure that these areas remain gas free. Alternatively, such buildings shall be raised clear of the ground. If buildings are raised clear of the ground, the minimum, clear separation distance (as measured from the highest point on the ground surface to the underside of the lowest floor joist) shall be 500mm. However, in this case, it is highly recommended that all the site offices, equipment stores and mess rooms should be located outside the 250m Consultation Zone. Smoking and naked flames shall be prohibited within confined spaces. "No Smoking" and "No Naked Flame" notices in Chinese and English shall be posted prominently around the construction site. Safety notices shall be posted warning of the potential hazards. Welding, flame-cutting or other hot works may only be carried out in confined spaces when controlled by a "permit to work" procedure, properly authorized by the Safety Office. The permit to work procedure shall set down clearly the requirements for continuous monitoring of methane, carbon dioxide and oxygen throughout the period during which the hot works are in progress. The procedure shall also require the presence of an appropriately qualified person who shall be responsible for reviewing the gas measurements			Agent	Stage	



		Objectives of the		Implen	nentation	Requirements
EIA Ref	Environmental Protection Measures/ Mitigation Measures	Recommended Measures &	Location/ Timing	Agent	Stage	and/or Standards to
		Main Concerns to Address		rigent	Stage	be Achieved
	 unacceptable or hazardous conditions. Only those workers who are appropriately trained and fully aware of the potentially hazardous conditions which may arise shall be permitted to carry out hot works in confined areas. During the construction works, adequate fire extinguishers and breathing apparatus sets shall be made available on site and appropriate training given in their use. 					
S14.7.6	 Landfill gas monitoring The following monitoring shall be undertaken when construction works are carried out in confined space within the 250m Consultation Zone: The works area shall be monitored for methane, carbon dioxide and oxygen using appropriately calibrated portable gas detection equipment. The monitoring requirements and procedures specified in Paragraphs 8.23 to 8.28 of EPD's Guidance Note shall be followed. The monitoring frequency and areas to be monitored shall be set down prior to commencement of the works. Depending on the results of the measurements, actions required will vary. As a minimum these shall encompass the actions specified in Table 14.6 of the EIA report. When portable monitoring equipment is used, the frequency and areas to be monitored should be set down prior to commencement of the works either by the Safety Officer or by an appropriately qualified person. All measurements shall be made with the monitoring tube located not more than 10mm from the surface. A standard form, detailing the location, time of monitoring and equipment used together with the gas concentrations measured, shall be used when undertaking manual monitoring to ensure that all relevant data are recorded. If methane (flammable gas) or carbon dioxide concentrations are in excess of the trigger levels or that of oxygen is below the level specified in the Emergency Management in the 	Health and safety of the workers	Confined space of construction sites within 250m Consultation Zone	Contractor	Construction stage	• Landfill Gas Hazard Assessment Guidance Note (EPD/TR8/97)
	following section, then evacuation shall be initiated.					
S14.7.8-9	Emergency management In the event of the trigger levels specified in Table 14.6 of the EIA report being exceeded, a person, such as the Safety	Health and safety of the workers	Confined space of construction sites within 250m Consultation Zone	Contractor	Construction stage	• Landfill Gas Hazard Assessment



		Objectives of the		Implen	nentation	Requirements
EIA Ref	Environmental Protection Measures/ Mitigation Measures	Recommended Measures & Main Concerns to Address	Location/ Timing	Agent	Stage	and/or Standards to be Achieved
	Officer, shall be nominated, with deputies, to be responsible for dealing with any emergency which may occur due to LFG.					Guidance Note (EPD/TR8/97)
	In an emergency situation the nominated person, or his deputies, shall have the necessary authority and shall ensure that the confined space is evacuated and the necessary works implemented for reducing the concentrations of gas.					
S14.7.16	 Protection measures – Operational phase An assumed presence of landfill gas shall be adopted at all times by maintenance workers; all maintenance workers inspecting any manhole shall be fully trained in the issue of LFG hazard; any manhole which is large enough to permit to access to personnel shall be subject to entry safety procedure; Code of Practice on Safety and Health at Work in Confined Spaces shall be followed to ensures compliance with the Factories and Industrial Undertakings (Confined Spaces) Regulations of the Factories and Industrial Undertakings Ordinance; a strictly regulated "work permit procedure" shall be implemented and the relevant safety procedures must be rigidly followed; and Adequate communication with maintenance staff shall be maintained with respect to LFG. 	Health and safety of the workers	Utility maintenance areas within 250m Consultation Zone/during operational period	Utility companies	Operational stage	Landfill Gas Hazard Assessment Guidance Note (EPD/TR8/97); and Code of Practice on Safety and Health at Work in Confined Space
S14.7.17	General recommended precautionary & protection measures – Operational phase LGF surveillance exercise shall be undertaken by the utility companies at the utility manholes/inspection chambers. The surveillance exercise shall be undertaken for the duration of the site occupancy, or until such time that EPD agree that surveillance is no longer required and this shall be based on all the available monitoring data for methane, carbon dioxide and oxygen.	Health and safety of the workers	Utility maintenance areas within 250m Consultation Zone/during operational period	Utility companies	Operational stage	 Landfill Gas Hazard Assessment Guidance Note (EPD/TR8/97); and Code of Practice on Safety and Health at Work in Confined Space