Application No. Reference No. (For official use)

1 0 MAY 2019

EIAO Register Office, E.P.D.

FORM 5

ENVIRONMENTAL IMPACT ASSESSMENT ORDINANCE (CHAPTER 499) SECTION 13(1)

Арр	lication for Variation of an Environmental Permit
PART A PE	REVIOUS APPLICATIONS
No previo	ous application for variation of an environmental permit.
The envir	onmental permit was previously amended.
Applicatio	on No. VEP-321/2010, VEP-486/2015
PART B DE	TAILS OF APPLICANT
B1. Name : (personal Chun Wo-CR	on or company) GL-MBEC Joint Venture
	ordance with section 13(1) of the Ordinance, the person holding an environmental permit or a person who as responsibility for the designated project may apply for variation of the environmental permit.]
B2. Business Re (if applicable)	
B3. Corresponde	ence Address :
B4. Name of Con	tact Person : B5. Position of Contact Person :
B6. Telephone N	o. : B7. Fax No. :
B8. E-mail Addre	ess: (if any)
PART C DE	TAILS OF CURRENT ENVIRONMENTAL PERMIT
C1. Name of the	Current Environmental Permit Holder :
Chun Wo – CRO	GL - MBEC Joint Venture
C2. Application N	No. of the Current Environmental Permit : VEP-486/2015
C3. The Current	Environmental Permit was Issued in : month / year
	1 1 2 0 1 5
Important Notes :	Please submit the application together with
	(a) 3 copies of this completed form, and
	(b) appropriate fee as stipulated in the Environmental Impact Assessment (Fees) Regulation
	to the Environmental Protection Department at the following address: The EIA Ordinance Register Office,
	27th floor, Southorn Centre,130 Hennessy Road, Wan Chai, Hong Kong.

EPD185

PART D PROPOSED VARIATIONS TO THE CONDITIONS IN CURRENT ENVIRONMENTAL PERMIT

D1.	D2.	D3	D4.	D5.	D6.	D7
Condition(s) in the Current Environmental Permit :	Proposed Variation(s):	Reason for Variation(s):	Describe the environmental changes arising from the proposed variation(s):	Describe how the environment and the community might be affected by the proposed variation(s) :	Describe how and to what extent the environmental performance requirements set out in the EIA report previously approved or project profile previously submitted for this project may be affected:	Describe any additional measures proposed to eliminate, reduce or control any adverse environmental impact arising from the proposed variation(s) and to meet the requirements in the Technical Memorandum on Environmental Impact Assessment Process:
Condition 2.10 To mitigate traffic noise from road operations, the following noise barriers and semi-noise enclosures shall be installed before the commencement of operation of the road project unless otherwise specified in this Permit: Figure 4a: Location of Direct Noise Mitigation Measures	Condition 2.10 To mitigate traffic noise from road operations, the following noise barriers and seminoise enclosures shall be installed before the commencement of operation of the corresponding road sections unless otherwise specified in this Permit. Figure 4a: Location of Direct Noise Mitigation Measures with a highlighted section of the proposed TTA to be implemented after CWB tunnel is opened	Please refer to the Section 2 of the attached Environmental Review Report	Please refer to the Section 3 of the attached Environmental Review Report	Please refer to the Section 3 of the attached Environmental Review Report	Please refer to the Section 3 of the attached Environmental Review Report	Please refer to the Section 3 of the attached Environmental Review Report

PART E DECLARATION BY APPLICANT

belief. I under	stand the environ	given above are correct and true to the mental permit may be suspended, sleading, wrong or incomplete.	
Signature	of Applicant	Full Name in Block Letters	Position
on behalf of	200	RGL – MBEC Joint Venture ne and Chop (as appropriate)	10 May 2019 Date

NOTES:

- A person who constructs or operates a designated project in Part I of Schedule 2 of the Ordinance or decommissions a
 designated project listed in Part II of Schedule 2 of the Ordinance without an environmental permit or contrary to the permit
 conditions commits an offence under the Ordinance and is liable to a maximum fine of \$5,000,000 and to a maximum
 imprisonment for 2 years.
- A person for whom a designated project is constructed, operated or decommissioned and who permits the carrying out of the designated project in contravention of the Ordinance commits an offence and is liable to a maximum fine of \$5,000,000 and to a maximum imprisonment for 2 years.

Central-Wan Chai Bypass -Tunnel (North Point Section) and Island Eastern Corridor Link

Environmental Review Report for Alternative Arrangement for Installation of Noise Barriers and Semi-enclosures on the Island Eastern Corridor

1. Introduction

- 1.1 As stipulated in Condition 2.10 of Environmental Permit EP-364/2009/E (EP) and Further Environmental Permit FEP-07/364/2009/D (FEP), to mitigate traffic noise from road operation, the following noise barriers and semi-enclosures shall be installed before the commencement of operation of the road project unless otherwise specified in the EP and FEP:
 - (a) about 235m length of noise semi-enclosure covering the westbound slip road from the Island Eastern Corridor (IEC);
 - (b) about 230m length of noise semi-enclosure covering the main carriageways (eastbound and westbound) of the Central-Wan Chai Bypass (CWB) and IEC;
 - (c) about 135m length of 5.5m high cantilevered noise barrier with 4.5m long cantilever inclined at 45° on the eastbound slip road to the IEC;
 - (d) about 95m length of 5.5m high cantilevered noise barrier with 1m long cantilever inclined at 45° on the eastbound slip road to the IEC;
 - (e) about 350m length of 3.5m high vertical noise barrier on the eastbound slip road to the IEC; and
 - (f) about 265m length of noise semi-enclosure covering the westbound slip road from the IEC shall be installed before the occupation of planned noise sensitive receivers (NSRs) in the Comprehensive Development Areas (CDA) near Oil Street, North Point, as shown in Figures 4a and 4b of the EP and FEP.
- 1.2 Due to existing site constraint, the noise semi-enclosure between IEC westbound Pier 17 and Pier 22 (i.e. portion of noise semi-enclosure in item (a) above) cannot be installed until some of the traffic lanes are diverted to CWB tunnel after tunnel commissioning so as to allow working space for installation. Alternative arrangement consists of re-sequencing of the noise enclosure installation is therefore required to suit actual site condition.
- 1.3 This Environmental Assessment aims to identify potential environmental impact due to the alternative arrangement on the installation of noise barriers and semi-enclosures with associated environmental mitigation measures.

2. Site Constraints and Alternative Arrangement on Noise Barrier / Semi-enclosure Installation

- 2.1 As mentioned in the EP, the scope of the Central Wan Chai Bypass Project includes:
 - a dual three-lane trunk road, approximately 4.5 km in length, and tunnel approximately 3.7 km in length defined from the connection with the existing Rumsey Street Flyover in Central, through to a connection with the existing Island Eastern Corridor to the east of the Causeway Bay Typhoon Shelter (CBTS);
 - (ii) the Central Interchange near the Rumsey Street Flyover to provide road connections to the Central area;
 - (iii) tunnel control buildings and ventilation buildings;
 - (iv) slip roads to connect the CWB to the local road system in the Wan Chai North and Causeway Bay area;
 - (v) associated road lighting, road signing, traffic control and surveillance system; and
 - (vi) other associated works.

Central-Wan Chai Bypass -Tunnel (North Point Section) and Island Eastern Corridor Link

- 2.2 As part of the works of the Project, noise barriers and semi-enclosures as stipulated in Condition 2.10 of the EP and FEP shall be installed before the commencement of operation of the road project.
- 2.3 As the IEC is the main traffic link between the Hong Kong Island East and Causeway Bay, due consideration shall be taken to avoid disruption to the existing traffic during the installation work of noise barriers and semi-enclosures. In view of this, temporary traffic arrangements (TTA) involving traffic lane closure on the IEC should be implemented to facilitate the installation work.
- 2.4 Amongst the required areas for noise barrier / semi-enclosure installation, the installation work along the IEC westbound at Pier 17 to Pier 22 is particularly complicated due to the limited space on the IEC. TTA involving closure of total 2 nos. traffic lanes will be required for such installation.
- As the installation work requires closure of 2 traffic lanes at this location, the IEC westbound traffic towards Hing Fat Street and Victoria Park Road will be seriously affected prior to the commissioning of the CWB tunnel. Approval could not be granted from the Traffic Management Liaison Group (TMLG) members including Transport Department and Hong Kong Police Force based on such proposed traffic lane closure. The installation work can be carried out only after the commissioning of CWB tunnel which some of the road traffic will be diverted to the CWB tunnel to allow buffer for traffic lane closure on the IEC westbound.
- 2.6 Temporary Traffic Arrangement (TTA) at the concerned road sections between Piers 17 and 22 will be implemented after the CWB tunnel is opened due to traffic constraint (refer to **Figure 4a** in **Appendix 1**)
- 2.7 Due to above site constraint, the noise semi-enclosure between IEC westbound Pier 17 and Pier 22 (i.e. portion of noise semi-enclosure in item (a) of Condition 2.10 of the EP and FEP) will have to be installed until some of the traffic is diverted to the CWB tunnel after tunnel commissioning so as to allow working space for installation.

3. Potential Noise Impacts and Proposed Environmental Mitigation Measures

- 3.1 As mentioned in Section 2.6 above, the noise semi-enclosure between IEC westbound Pier 17 and Pier 22 (i.e. portion of noise semi-enclosure in item (a) of Condition 2.10 of the EP and FEP) will have to be installed until some of the traffic is diverted to the CWB tunnel after tunnel commissioning so as to allow working space for installation.
- 3.2 The remaining section of noise semi-enclosure between IEC westbound Pier 17 and Pier 22 will be completed as soon as possible after granting the approval from the TMLG members including Transport Department and Hong Kong Police Force on the traffic lane closure after CWB tunnel commissioning. Please refer to the attached works programme for the installation of noise semi-enclosure between IEC westbound Pier 17 and Pier 22 (Appendix 3).
- To mitigate the construction noise impact for the installation of the remaining permanent noise semi-enclosures due to the incomplete noise semi-enclosure between IEC westbound Pier 17 and Pier 22, a 3.5m high vertical noise barrier with PMMA panels with same specification as the noise barriers in item (a) of Condition 2.10 of the EP and FEP will be installed along the edge of IEC Pier 17 to Pier 22 as temporary noise mitigation measures (refer to **Figures a** and **b** in **Appendix 1**) prior to the commencement work of above construction work.
- An updated noise assessment of cumulative impacts due to construction work with reference to (i) Appendix 4.13 Powered Mechanical Equipment (PME) for the Different Construction Tasks during Normal Daytime Working Hours (with Mitigation Measures), and (ii) Appendix 4.14 Calculations and Results of Construction Noise Impacts During Normal Daytime Working Hour (with Mitigation Measures) of approved EIA report has been carried out (refer to **Appendix 2**). It is noted that the predicted cumulative construction noise level complies with the construction noise criteria, which is below 75dB(A) with the temporary noise mitigation measures properly in place.

Central-Wan Chai Bypass -Tunnel (North Point Section) and Island Eastern Corridor Link

- 3.5 In addition to the 3.5m high vertical noise barrier with PMMA panels with same specification as the noise barriers in item (a) of Condition 2.10 of the EP and FEP will be installed along the edge of IEC Pier 17 to Pier 22 as temporary noise mitigation measures, all practicable noise mitigation measures will be implemented if necessary to minimize the construction noise impact to nearby residents.
- 3.6 The proposed construction equipment list in **Appendix 2** is confirmed to be realistic, practical and practicable in completing the installation works of noise semi-enclosure between Pier 17 and 22 within the proposed schedule.

4. Conclusion

4.1 With the temporary 3.5m high vertical noise barrier with PMMA panels placed as indicated in **Figures a** and b in **Appendix 1**, the construction noise arises from the installation of noise semi-enclosure between IEC westbound Pier 17 and Pier 22 complies with the construction noise criteria (75dB(A)).

Reference:

Technical Memorandum on Environmental Impact Assessment Process, published by EPD, HKSAR

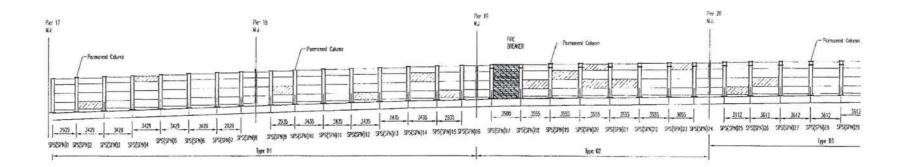
A Guide to the EIA Ordinance, published by EPD, HKSAR

Technical Memorandum on Noise from Construction Work other than Percussive Piling

END

Appendix 1

- 1. Figure a Elevation for 3.5m high noise barrier between Piers 17 and 22 as temporary noise mitigation
- 2. Figure b Section for 3.5m high noise barrier between Piers 17 and 22 as temporary noise mitigation
- 3. Figure 4a Location of Direct Mitigation Measures



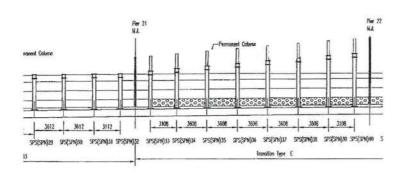
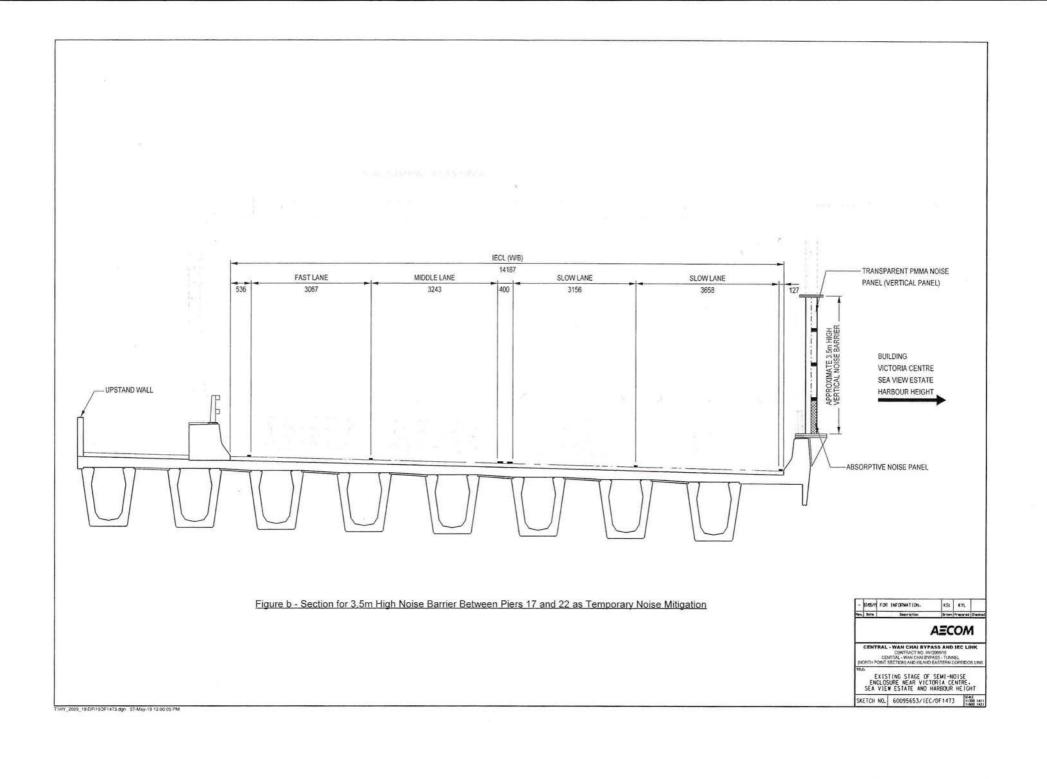
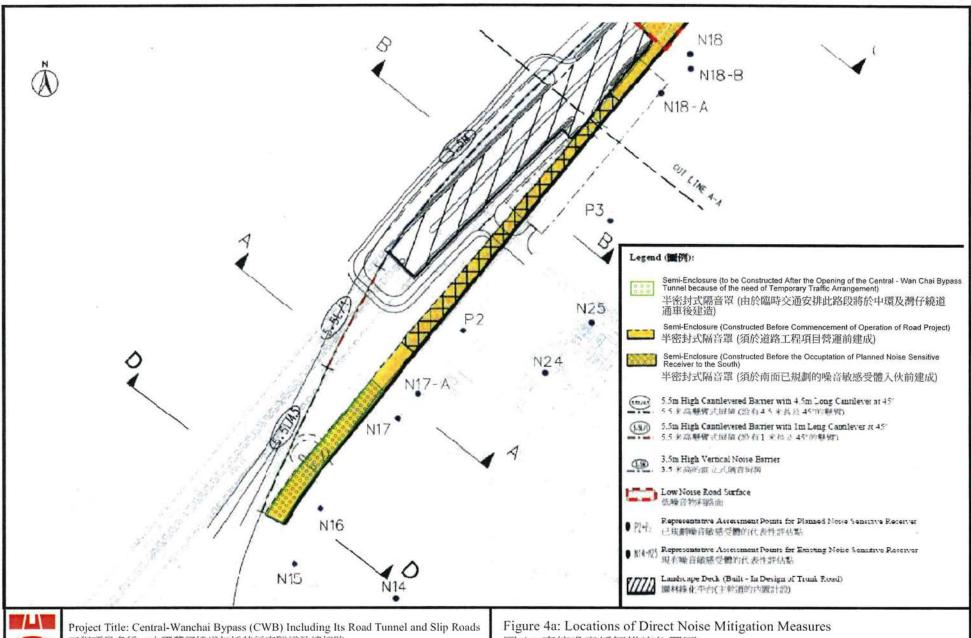


Figure a - Elevation for 3.5m High Noise Barrier Between Piers 17 and 22 as Temporary Noise Mitigation







工程項目名稱:中環灣仔繞道包括其行車隧道及連接路

圖 4a: 直接噪音緩解措施位置圖

Appendix 2

Noise Assessment on Installation of Noise Semi-enclosure between Pier 17 and 22

Reference No. 1

Powered Mechanical Equipment (PME) for Different Construction Tasks during Normal Daytime Working Hours (With Mitigation Measures)

NSR: N17 Harbour Heights

Section 6.0 Construction of IECL 6.2 IEC Connection Work

6.2D Noise Enclosure / Noise Barrier Installation

Powered Mechanical Equipment (PME)	TM Ref. Identification Code	SWL (dB(A))	Quantity	On-time %	*Reduction	Total SWL (dB(A))
Lorry with crane, 5.5 tonne < gross vehicle weight <= 38 tonne	*	105	1	100%	5	100.0
Cherry picker (electric)		88	2	100%	5	86.0
Winch (electric)	CNP 262	95	1	100%	0	95.0
Drill, hand-held (battery)		89	4	100%	0	95.0
Grinder (electric)	CNP 066	98	2	100%	0	101.0
						104.7

^{*}Remark: Negative 5 dB(A) correction for the effect of vertical noise barrier with PMMA panels as temporary noise mitigation is applied to the Predicted Noise Level.

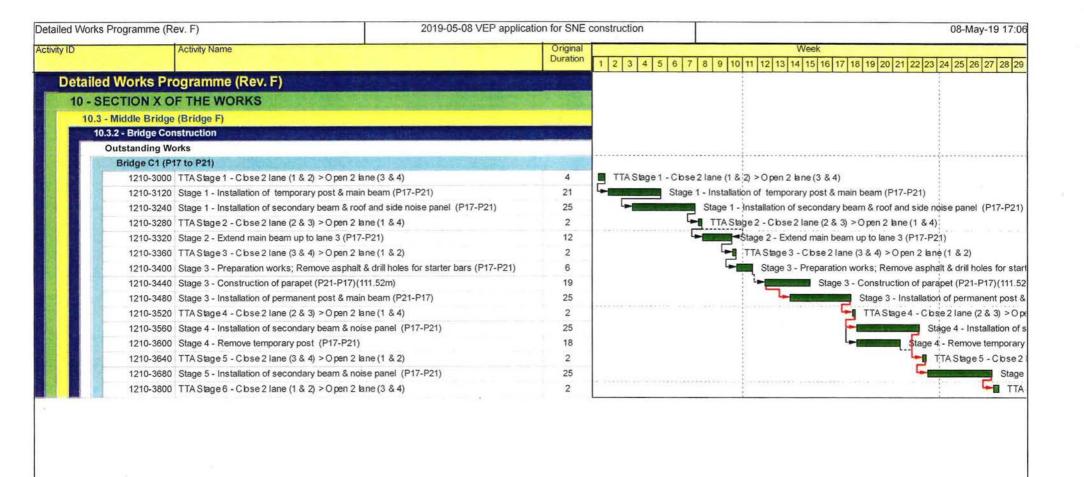
Reference No. 2 - Predicted Construction Noise Levels at N17 Harbour Hieghts with Group 1 PME

Predicted Construction Noise Levels, dB(A)			Distance	-			1								-				L	1	1	1		1		
N17 Harbour Hieghts with Group 1 PME		d8(A)	(m)	-		-1			19	-	-			1	-	-	1	-	-		2020		-	-	-	
		_		1	2	3 4	5	6	7	8	9	10	1	13	-	-	3	-	-	5	6	7	8	9	10	11
		_	_	-	_	-	\vdash	_	-	-	_	-	H	\vdash	-	⊢	-	-	╀	+	+	+	+	+	-	
1.1 Temporary Relocation CBTS		_		-	_	+	-		-	-	_	-	_	+	-	⊢	-	_	╀	+	+	+	-	+	-	
1.1.1 Temporary Breakwater			200	-						ш	ш	_	_	L	_	Ļ		_	\perp	1	_	_		\perp		
1.1.18 Piling		118	280	-	-	_					_		_	Com	plete	d		_	_	-	-	_	-	_	-	_
1 Causeway Bay Reclamation		\rightarrow			_	-	-				_			-					-	-		-	-	-	_	
1.2 CBTS Temporary Reclamation Stage 1					-	-	\vdash							_		_	_	_	_	_	-	-	-	_	_	
1.2.1 Dredging, Seawalls & Filling (TCBR1)							_							_					L							
1.2.1A Dredging (TCBR1E)		116	250											Com												
1.2.18 Temporary Seawall (TCBR1E)		111	250											Com												
1.2.1C Filling behind seawall (TCBR1E)		113	250											Com	plete	d										
1.2.2 CWB Tunnel (TCBR1)																			Г		T			T		
1.2.2A Diaphragm Wall (TCBR1E)		119	250											Com	olete	d										
1.2.28 Excavation (TCBR1E)		116	250				-							Com	olete	d									_	
1.2.2C Construction of Slabs (TCBR1E)		111	250											Com	olete	d								_		
1.2.2D Backfill (TCBR1E)		114	250											Com											_	
1.2.1A Removal Temp. Reclamation (Dredging)		116	250											Com										_	_	_
5 North Point Reclamation		110				T			- 7			50		T	1	Ť	1	_	Т	Т	1	T	_	T	-	
5.1 North Point Reclamation Stage 1						1								1		1	1		-	+	+	+	+	+	+	
5.1.1 Dredging, Seawalls & Filling						+	1							1		-	-	-	-	+	+	+	-	+	+	
		116	105	-	-	_	1	_			_		_	Com	alet	d	-	_	-	-	1		_		_	
5.1.1A Dredging		111	105		_	-	_	_	_	-	_	-					_	_	_	_	_	_	_	_	_	_
5.1.18 Seawall Construction					_	_	_			_	_	_		Com				_	_	_	_	_	_	_	_	_
5.1.1C Filling behind Seawall		113	105	-	_	-	_			_	_		_	Com	piete	d	-	_	_	-	-	-	-	-	_	_
5.1.2 CWB Tunnel (NPR2W)													_	_	_	L							1			
5.1.2A Diaphragm Wall		113	81				_	_						Com						_				_		
5.1.2B Excavation		116	81											Com												
5.1.2C Construction of Slabs		111	81					_						Com												
5.1.2D Backfill		114	81											Com	plete	d							130		and the	
5.2 North Point Reclamation Stage 2																										
5.2.1 Dredging, Seawalls & Filling																										
2.1A Dredging	E	116	250											Com	olete	d						-		-		
5.2.1B Seawall Construction	E	109	250											Com						- 11					_	
5.2.1C Filling behind Seawall	E	113	250											Com										_	_	_
5.2.2 CWB Tunnel (NPR2W)						T								T		Ť			T	Т	T	\neg		T	\neg	
5.2.1A Dredging	w	116	170			-	_	_	_					Com	alete	4	_	_	_	-	-	-	-	_	-	
5.2.18 Seawall Construction	w	109	170			_				-	_			Com			_	_	_		_			_	_	_
5.2.1C Filling behind Seawall	w	113	170			_	_				_	_		Com			_	_	-	-	_	-	_	_	_	_
5.2.2A Diaphragm Wall	VV	113	150			_	_	_	_	_	_						_		_		_	_	_	_	_	_
					_	_	-	_	_	_	_	_		Com			-	_	_	_	_	_		_		_
5.2.28 Excavation		116	150			_	_	_	_		_	_		Com				_	_		_			_		_
5.2.2C Construction of Slabs		111	150											Com				_	_		_		_	_	_	
S.2.2D Backfill		115	150			_								Com				_							_	_
5.2.2E Foundation of East Vent Building		105	150	_		_	_	_	_	_	_	_	_	Com	olete	d	_	_	_	_	-	_	_	_	-	_
6.0 Construction of IECL				_																_						
6.2 IEC Connection Work																										
6.2A Substructures	NPR1	107	75											Com	olete	d	Billion (277	, L	100		-00	- 196	2,000	A	
6.2B Superstructures	NPR1	107	68											Com	olete	d										
6.2A Substructures	NPR2E	107	160											Com	plete	d										
6.28 Superstructures	NPR2E	107	160											Com	olete	d								$\overline{}$		_
6.2A Substructures	NPR2W	107	110											Com											_	
5.2B Superstructures	NPR2W	107	110											Com							_			_		_
Reconstruction IEC West Bound		7.07	2.0			T								T	1	Ĺ	T		Т	T	1	T	Т	T	T	
5.2C Demolition of Structure	WB(section 1,(90m in length))	111	20			_	•		-	_	-			Com	olete	d	-	-	-	-	-	-	-	-	-	_
5.2C Demolition of Structure	WB(other than section 1)	111	50			_		_			_	_		Com			-	_	-	_	_	_	_	_	_	_
6.2A Substructures	WB(Group 1 PME)	98	28			_	_	_	_	_	_			Com			_	_	_	_	_		_	_	_	_
	WB(other than section C)	107	23		_	_	_				_							_	_	_	_	_	_	_	_	_
5.2B Superstructures					_		_	-	_	_	_	_		Com				_	_	_	_		_	_	_	_
28 Superstructures	WB(section C,(36m in length))	107	20			_		_	_		_			Com				_	_		_	_	_	_	_	_
5.2C Demolition of Structure	EB(section 4,(90m in length))	114	32					_	_	_		_		Com				_	_					_		_
.2C Demolition of Structure	EB(other than section 4)	114	53	-	-	-	-			_				Com	plete	d	_	_	_	-	-	,			_	_
3.20 Noise Enclosure / Noise Barrier Installation	W8(other than section C)	105	- 33			-	-23	.73	73				_			_		_	-	-	1	1		-	1	
i.20 Noise Enclosure / Noise Barrier Installation	WB(section C_(36m in length))	105	20							74	74	74	.74	74	74	74	24	74	1	1 /	4					
5.3 East Portal and IEC Connection Work																				1						
5.3.1 Substructures		107	105											Com												
5.3.2 Retaining Structures		112	105											Com	plete	d										
9.0 Tunnel Building & Installation																		1				T	T		T	
.0 Tunnel Building & Installation at East Ventilation Building, Administration Bulding, &																										
Central Ventilation Building, West Ventilation Building																			T							
.08 Superstructures	East Vent B.	112	190			-	-		_			_		Com	olete	d	-	_	_	_				-		
				-		_	1 50	1951	76	5.4	22.1	74	79.4	T 13	7.0	724	201	100	La	71 -	-	_	7	-		-
		1 1																								
Predicted Construction Noise Level, dB(A)(with Façade Effect)					-	+	75	75	75	75	75		75	75	75	75	75	75	71	5 7	5 7	5 -	75	5 7	75	75
					_		75 No	75	75	75 No	75	75	75	75	75	75	75	75	7	5 7	5 7	5 7	75 7	5 7	75	75

Predicted Construction Noise Levels, dB(A)			Distance	2	
N17 Harbour Hieghts with Group 2 PME		dB(A)	(m)		2019 2020
					1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11
				+	
1.1 Temporary Relocation CBTS				\perp	
1.1.1 Temporary Breakwater				1	
1.1.18 Piling		118	280	2	0 Completed
1 Causeway Bay Reclamation				+	
1.2 CBTS Temporary Reclamation Stage 1				+	
1.2.1 Dredging, Seawalls & Filling (TCBR1)				+	
1.2.1A Dredging (TCBR1E)		116	250		
1.2.1B Temporary Seawall (TCBR1E)		111	250		
1.2.1C Filling behind seawall (TCBR1E)		113	250)	0 Completed
1.2.2 CWB Tunnel (TCBR1)				_	
1.2.2A Diaphragm Wall (TCBR1E)		119			
1.2.28 Excavation (TCBR1E)		116	250		
1.2.2C Construction of Slabs (TCBR1E)		111	250		
1.2.2D Backfill (TCBR1E)		114	250		
1.2.1A Removal Temp. Reclamation (Dredging)		116	250)	0 Completed
5 North Point Reclamation					
5.1 North Point Reclamation Stage 1				T	
5.1.1 Dredging, Seawalls & Filling					
5.1.1A Dredging		116	105	5	5 Completed
5.1.18 Seawall Construction		111	105		
5.1.1C Filling behind Seawall		113	105	5	
5.1.2 CW8 Tunnel (NPR2W)					
5.1.2A Diaphragm Wall		113	81	1	1 Completed
5.1.28 Excavation		116	81		
5.1.2C Construction of Slabs		111	81		
5.1.2D Backfill		114			
5.2 North Point Reclamation Stage 2		1 200		+	
5.2.1 Dredging, Seawalls & Filling				1	
5.2.14 Dredging Seawars & Filling	E	116	250	0	0 Completed
5.2.18 Seawall Construction	E	109	250		
5.2.1C Filling behind Seawall	E	113			
5.2.2 CWB Tunnel (NPR2W)	-	140	230	1	Completed
**************************************	w	116	170		0 Completed
5.2.1A Dredging	W	109			
5.2.18 Seawall Construction	W	113			
5.2.1C Filling behind Seawall	W				
5.2.2A Diaphragm Wall		113			
5.2.28 Excavation		116			
5.2.2C Construction of Slabs		111			
5.2.2D Backfill		115			The state of the s
5.2.2E Foundation of East Vent Building		105	150	4	0 Completed
6.0 Construction of IECL		-		+	
6.2 IEC Connection Work			-	+	
6.2A Substructures	NPR1	107			
6.2B Superstructures	NPR1	107			
6.2A Substructures	NPR2E	107			
6.2B Superstructures	NPR2E	107			
6.2A Substructures	NPR2W	107			
6.2B Superstructures	NPR2W	107	110)	0 Completed
Reconstruction IEC West Bound				+	
6.2C Demolition of Structure	WB(section 1,(90m in length))	111	20		
6.2C Demolition of Structure	WB(other than section 1)	111			
6.2A Substructures	WB(Group 2 PME)	105			
6.28 Superstructures	WB(other than section C)	107	23		
6.28 Superstructures	WB(section C,(36m in length))	107			
6.2C Demolition of Structure	EB(section 4,(90m in length))	114			
6.2C Demolition of Structure	EB(other than section 4)	114	53	3	3 Completed
6.20 Noise Enclosure / Noise Barrier Installation	WB(other than section C)	105	23	3	
6.20 Noise Enclosure / Noise Barrier Installation	WB(section C.(36m in length))	105	- 20	0	0 74 74 74 74 74 74 74 74 74 74 74 74 74
6.3 East Portal and IEC Connection Work	1				
6.3.1 Substructures		107	105	5	5 Completed
		112	105	5	
6.3.2 Retaining Structures				T	
6.3.2 Retaining Structures					
6.3.2 Retaining Structures 9.0 Tunnel Building & Installation				$^{+}$	
6.3.2 Retaining Structures 9.0 Tunnel Building & Installation				Ŧ	
6.3.2 Retaining Structures 9.0 Tunnel Building & Installation 9.0 Tunnel Building & Installation 9.0 Tunnel Building & Installation at East Ventilation Building, Administration Building, & Central Ventilation Building, West Ventilation Building	East Vent B.	112	190	2) Completed
6.3.2 Retaining Structures 9.0 Tunnel Building & Installation 9.0 Tunnel Building & Installation at East Ventilation Building, Administration Building, & Central Ventilation Building, West Ventilation Building 9.08 Superstructures	East Vent B.	112	190	0	
6.3.2 Retaining Structures 9.0 Tunnel Building & Installation 9.0 Tunnel Building & Installation at East Ventilation Building, Administration Building, & Central Ventilation Building, West Ventilation Building 9.08 Superstructures Predicted Construction Noise Level, dB(A)(with Façade Effect)	East Vent B.	112	190	0	73 74 73 74 74 74 74 74 74 74 74 74 74 74 74 74
6.3.2 Retaining Structures 9.0 Tunnel Building & Installation 9.0 Tunnel Building & Installation at East Ventilation Building, Administration Building, & Central Ventilation Building, West Ventilation Building 9.08 Superstructures	East Vent B.	112	190	0	

Appendix 3

Tentative Works Programme for the Installation of Noise Semienclosure between Pier 17 and 22



Actual Work

Remaining Work

Milestone

HY/2009/19 - Central-Wan Chai Bypass -Tunnel (North Point Section) and Island Eastern Corridor Link Bridge C1 Single Noise Enclosure Installation Project ID: 3MRP-02/2019-1

Project Name: Detailed Works Programme (Rev. F)
Layout: 2019-05-08 VEP application for SNE construction

Pages: Page1 of 1 Date: 08-May-19