



Highways Department
Contract No. HY/2023/08
Central Kowloon Route – Remaining Works

Construction Noise
Mitigation Measure
Plan



Build King – Tung Lee Joint Venture

Construction Noise Mitigation Measure Plan (CNMMP)

for

Contract No. HY/2023/08

Central Kowloon Route – Remaining Works

Ver. 4.0

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REVISION HISTORY			
Ver.	Description of Change	Revision Items	Effective Date
1	Version 1	1 st Submission	02 Sep 2024
2.0	Version 2.0	2nd Submission Response to Comments: - Section 2.4.1 in Version 1 moved to Section 2.5.1 - New Section 2.4.1 to include feasibility studies on adopting recommendations as stipulated under ProPECC PN1/24 - Section 3.2 updated to include noise mitigation measures to be adopted on site to further reduce noise impact to the public. - Table 2.5 (Originally named as Table 2.4) updated - Table 3.2.2A revised, noise mitigation measures will be provided for the works area of Yau Ma Tei Landscape Deck, Yau Ma Tei Rest Gardens and the Yau Ma Tei Jade Hawker Bazaar - Appendix 3.1 updated ■ Revised typos on the NSR distances ■ Tallied PME arrangement for same activity in different site areas (except concrete casting works) ■ Reviewed the PME operation time in the assessment assumptions. ■ Installation of noise blanket is concerned under the revised calculation. ■ Site Area S7 “Excavation Work” included assessment for use of SilentPiler, JV will adopt SilentPiler as far as practicable. - Appendix 3.2 updated ■ The hyperlink of the CNMMP of CKR Yau Ma Tei West and Yau Ma Tei East are included on the bottom of the calculation sheet. ■ The last box was removed.	06 Dec 2024
2.1	Version 2.1	Resubmission; - The entire noise assessment was revisited to further reduce the noise exceedance at W-N8A by adopting noise mitigation measures and reschedule the construction works. - -5 dB(A) was adopted for barrier correction in the noise assessment and -10 dB(A) was adopted for some small and stationary PME. - Noise blanket proposed in Version 2.0 was removed. - PME name tallied with the “Sound Power Levels of other commonly used PME”.	08 Jan 2025



REVISION HISTORY			
Ver.	Description of Change	Revision Items	Effective Date
3.0	Version 3.0	3 rd Submission; Response to Comments: - New Section 2.5 added to review the feasibility on adopting Quieter Construction Method for the site - Section 2.5 moved to Section 2.6 - Section 3.2 and Section 3.3 updated the assessment results - Table 2.1.1 revised the notes - Table 2.6.2 (originally Table 2.5.1 under Version 2.1), the noise level of poker, vibratory, handled (electric) is 102 dB(A) - Appendix 3.1 updated, the noise level of poker, vibratory, handled (electric) is 102 dB(A) - Appendix 3.2 presentation format and figures updated	24 Feb 2025
4.0	Version 4.0	4 th Submission: Response to Comments: - Section 2.5, amend “Quieter” under the heading to read as “Quieter”. - Section 3.3 predicted noise level at NSR W-N25A (Prosperous Garden Block 1) to tally with that was presented in Table 3.2.1	10 Apr 2025



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1. BACKGROUND

1.1. Project Description

Central Kowloon Route (CKR) was proposed in the West Kowloon Reclamation Transport Study that a route in tunnel should be developed to link the West Kowloon Highway since 1990.

Highways Department (HyD) commissioned the Design and Construction Assignment for the Central Kowloon Route in June 1998. CKR is a dual 3-lane trunk road across central Kowloon linking the West Kowloon in the west and the proposed Kai Tak Development (KTD) in the east. The CKR will be about 4.7km long with an underground tunnel section of about 3.9km long, in particular, there will be an underwater tunnel of about 370m long in Kowloon Bay to the north of the To Kwa Wan Typhoon Shelter. It will connect the West Kowloon Highway at Yau Ma Tei Interchange with the road network at Kowloon Bay and the future Trunk Road T2 at KTD which will connect to the future Tseung Kwan O – Lam Tin Tunnel (TKO-LTT) and Cross Bay Link (CBL). CKR, Trunk Road T2 and TKO-LTT will form a strategic highway link, namely Route 6, connecting West Kowloon and Tseung Kwan O. Consultancy studies for Trunk Road T2, TKO-LTT and CBL have been commissioned by Civil Engineering and Development Department (CEDD). In addition, 3 ventilation buildings, which will be located in Yau Ma Tei, Ho Man Tin and ex-Kai Tak airport area, are proposed to ensure acceptable air quality within the tunnel.

The Central Kowloon Route – Design and Construction Environmental Impact Assessment Report (Register No.: AEIAR-171/2013) was approved with conditions by the Environmental Protection Department (EPD) on 11 July 2013. An Environmental Permit (EP-457/2013) was issued on 9 August 2013. Variations of EP (VEP) was subsequently applied for and the latest EP (EP-457/2013/D) was issued by EPD on 15 June 2021.

Build King – Tung Lee Joint Venture (JV) was commissioned by Highways Department as the appointed main contractor for the **Contract No. HY/2023/08 Central Kowloon Route – Remaining Works (RMW)**.

The scope of Works for this Contract comprises the design and construction of the development to accommodate the following:

- Landscape works on Yau Ma Tei Landscaped Deck;
- Yau Ma Tei Rest Gardens;
- North Tree Park;
- Landscaping works on Kai Tak Phase 2B Landscaped Deck;
- Building maintenance services to Yaumatei Maternal and Child Health Centre; and
- Construction of Yau Ma Tei Jade Hawker Bazaar

A site location is attached under **Appendix 1.1** and the detailed zoning plan is attached under **Appendix 1.2**.

1.2. Requirement for Construction Noise Mitigation Measures Plan (CNMMP)

According to the condition 2.9 of the EP-457/2013/D, the Permit Holder shall, no later than one month before the commencement of construction of the Project, submit to the Director of Environmental Protection (DEP) for approval four hard copies and one electronic copies of an update Construction



Noise Mitigation Measure Plan (CNMMP) to further reduce the air-borne construction noise impacts on nearby NSRs.

Table 1.2.1 Summary of NSRs to be assessed under EP Condition 2.9

Location	NSR ID	NSR Name
West Portion at Yau Ma Tei	W-N1A	Yau Ma Tei Catholic Primary School (Hoi Wang Road) 油麻地天主教小學(海泓道)
	W-P11	The Coronation 御金國峰
	W-N25A	Prosperous Garden Block 1 駿發花園 1 座
	W-N8A	Tak Cheong Building 德昌大廈

This CNMMP will include:

- A schedule of construction works to be carried out at the works areas of the Project within 300m from the Noise Sensitive Receivers (NSRs);
- An updated construction methodology of the construction works;
- An updated powered mechanical equipment (PME) list for the proposed construction works;
- An updated proposal of air-borne construction noise mitigation measures for the Noise Sensitive Receivers as mentioned above, including the provision of noise barriers, enclosures;
- Other initiatives proposed by the Permit Holder; and
- An updated prediction of noise levels in accordance with the above updated information and mitigation proposals in place.

Before submission to the Director, the CNMMP shall be certified by the ET and verified by the IEC as conforming to the relevant information and recommendations contained in the approved EIA Report for CKR (Register No. AEIAR-171/2013).



2. DESCRIPTION OF CONSTRUCTION WORKS IN THE STUDY

2.1. Noise Sensitive Receivers (NSRs)

In accordance with EP Condition 2.9, 4 NSRs at Yau Ma Tei are selected for assessment under this CNMMP.

The list of NSRs are shown in Table 2.1.1. The Layout plans of the works area showing the NSRs and their distance to the works area are provided in **Appendix 1.1** and **Appendix 2.1**.

Table 2.1.1 Summary of NSR and Corresponding Noise Criterion

NSR ID	NSR Name	Use [1]	Criterion, dB(A) [2]	Maximum Construction Noise Levels, dB(A) [3]		Noise Exceedance, dB(A) [3]
				Unmitigated	Mitigated	
W-N1A	Yau Ma Tei Catholic Primary School (Hoi Wang Road) 油麻地天主教小學(海泓道)	E	70 (65)	82	70(69)	-(4)
W-P11	The Coronation Tower 1 御金國峰 1 座	R	75	88	77	2
W-N25A	Prosperous Garden Block 1 駿發花園 1 座	R	75	93	81	6
W-N8A	Tak Cheong Building 德昌大廈	R	75	95	82	7

Notes:

[1] R- Residential/ E- Educational Institution

[2] Values in parentheses indicate the noise criterion during examination period of educational institution

[3] Data are extracted from Table 5.13 and 5.16 of approved EIA Report for CKR

Values in bracket indicate the adverse residual impact in consideration of the noise criterion during examination period.

Residual impact is only expected during the examination period (typical examination period in May, June, November and December) of the educational institution.

2.2. Construction Methodology

The proposed construction methodology is generally following that presented in Section 3.5 of the approved EIA Report for CKR (Register No. AEIAR-171/2013). The tunnel section of Yau Ma Tei (from Hoi Wang Road to Shanghai Street) will be constructed by ‘top-down’ cut-and-cover method to reduce impact upon the surrounding area, pedestrians and road traffic.

A breakdown of the major construction activities in sequence to be carried out within the contract are provided in **Appendix 2.2**.

2.3. Updated Preliminary Construction Programme



The updated preliminary construction programme prepared by JV has been used in this CNMMP and has been presented on a monthly basis for the duration of the construction works in corresponding worksites.

Upon reviewing the concurrent projects close to CKR-RMW, other than other contracts under CKR itself, there is no additional potential concurrent projects which would have cumulative construction noise impacts on the NSRs at the West Portion (Yau Ma Tei) during the construction phase. The concurrent effect on noise impact contributed by CRK-RMW section is also considered.

Table 2.3.1 Concurrent CKR Contracts

Contract No.	Central Kowloon Route Contracts	Abbr.	Portion	Construction Period	
				From	To
HY/2014/20	Yau Ma Tei West	CKR-YMTW	West	Nov 2018	2025
HY/2014/08	Yau Ma Tei East	CKR-YMTE	West	Jan 2018	2025
HY/2018/08 [1] [2]	Central Tunnel	CKR-CT	Both	Jul 2019	2024
HY/2014/07 [2]	Kai Tak West	CKR-KTW	East	Jan 2018	2025
HY/2018/02 [2]	Kai Tak East	CKR-KTE	East	Apr 2019	2024
HY/2019/13 [2] [3]	Buildings, Electrical and Mechanical Works	CKR-BEM	Both	Jun 2020	2027
HY/2014/09	Ho Man Tin Shaft	CKR-HMT	Middle	Completed	

Note:

[1] No operation above ground is expected for CKR-CT, therefore no concurrent effect in the air-borne noise assessment.

[2] The East Portion of CKR is at Kai Tak and is over 300m away from the 4 selected NSRs, therefore the airborne noise impact from the East Portion to the 4 selected NSRs is negligible.

[3] The Yau Ma Tei Ventilation Building (YMTVB) is within 300m from W-N1A, but is over 300 away from other 3 selected NSRs, therefore the airborne noise impact from YMTVB will be considered in the noise assessment for W-N1A. The Ho Man Tin Ventilation Building (HMTVB) and Kai Tak Ventilation Building (KTVB) are over 300m away from the 4 selected NSRs, therefore the airborne noise impact from HMTVB and KTVB to the 4 selected NSRs are negligible.

The construction schedule has been adjusted such that to minimize concurrent construction works to be carried out in the vicinity as far as practicable. The updated preliminary construction programme is provided in **Appendix 2.2**.

2.4. Minimize Noise Impact by Construction Method and Selection of Quieter Equipment

2.4.1. General Noise Mitigation Measures

- i) Construction Method
 1. No percussive piling will be adopted in this project; and
 2. Depends on the ground condition, adopt SilentPiler for sheet piling works as far as practicable.
- ii) Use of Equipment
 1. Close all hoods, cover panels, inspection hatches of PME such as generator and air compressors when operating;



2. Provide noise dampening for refuse chutes for building works;
3. Fit mufflers or silencers, and dampening layer with steel collars to hand-held breakers; and
4. Adopt Quality Powered Mechanical Equipment (QPME) as far as practicable.
5. Avoid use of concrete pump for slab/ planter as far as practicable

2.4.2. Site Formation/ Excavation and Lateral Support/ Foundation Works

- i) Construction Method
 1. Balanced cut and fill to reduce number of construction vehicles going in/ out the site; and
 2. Depends on the ground condition, adopt SilentPiler for sheet piling works as far as practicable.
- ii) Use of Equipment
 1. For operations involve use of excavator mounted vibratory hammering, metal chains will be threaded with rope and impact cushion will be provided on the top of the driving sheet pile; and
 2. Adopt rock splitter, crusher or diamond blade saw for removal of concrete structure above ground as far as practicable.

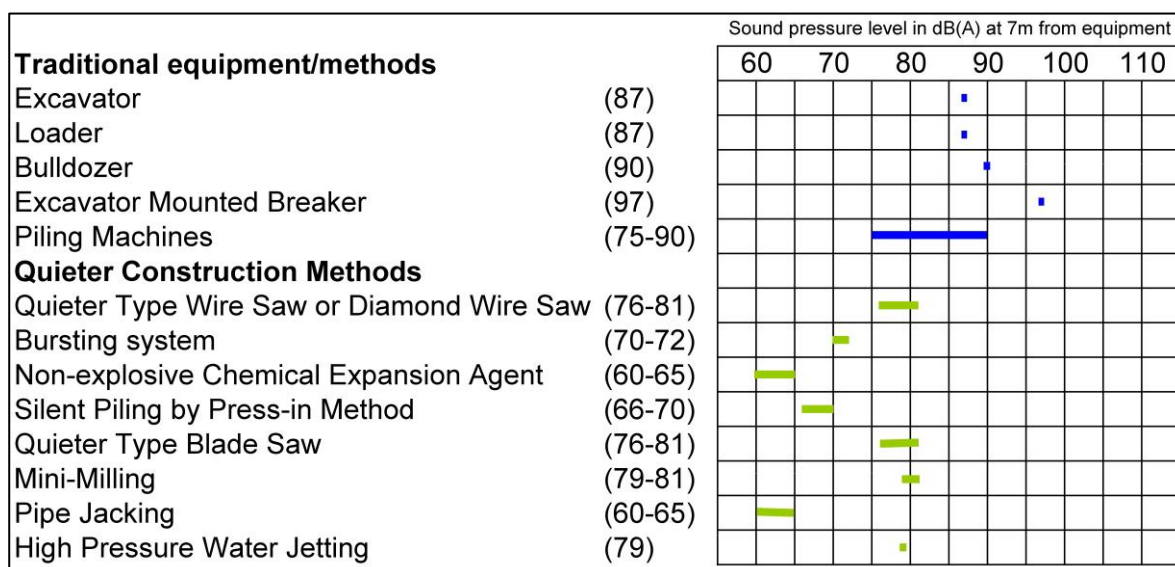
2.4.3. General Building Works

- i) Construction Method
 1. Adopt prefabricated structure as far as practicable;
 2. Adopt gypsum wall for interior partition as far as practicable; and
 3. Adopt modular design timber formwork or metal formwork as far as practicable to reduce hammering and cutting works;
- ii) Use of Equipment
 1. Provide noise dampening for refuse chutes for building works; and
 2. Adopt coring machine instead of hand-held breakers for wall opening works.

2.4.4. Underground Utility (UU) and Piping Works

- Construction Method
 1. Good site planning to avoid repetitive excavation and backfilling at the site place;
 2. Coordinate with different UU parties and adopt common trench for UU installation as far as practicable; and
 3. Adopt plastic pipes for new laying works as far as practicable to reduce noise from metal cutting.

2.5. Adopting Quieter Construction Methods



Extracted from EPD website:

https://www.epd.gov.hk/epd/misc/construction_noise/contents/index.php/en/home2/quieter-construction-methods.html

According to the abovesaid EPD website, JV have explored feasibility on adopting quieter construction methods to the site to reduce construction noise nuisance to surrounding. However, some methods cannot be adopted due to nature of works to be executed in the project.

Table 2.5.1 Quieter Construction Methods can be adopted on site

Quieter Construction Methods can be adopted on site	Remarks
Silent Piling by Press-in Method	JV will adopt SilentPiler for sheet pile installation as much as practicable
High Pressure Water Jetting	JV will adopt high pressure water jetting units to remove deteriorated concrete, and tiles



Table 2.5.2 Quieter Construction Methods cannot be adopted on site

	Remarks
Quieter type wire saw or diamond wire saw	The saws to be used for the RMW project will handle road works, the installation of underground utilities, and timber formwork. The quieter wire saw or diamond saw is specifically designed for cutting concrete walls. Since no concrete wall cutting is anticipated in the RMW project, these saws will not be applicable. Yet, JV will maintain all blade saw in good condition to reduce noise emission from vibration during any saw cutting works.
Bursting system/ Non-explosive chemical expansion agent	No demolition works
Mini-milling	Rare road work is expected
Piper Jacking/ Tunnel Boring Machine (TBM)	Pipe jacking and Tunnel Boring Machine (TBM) operations are trenchless construction methods that serve as alternatives to large-scale open trench excavation. Typically, pipe jacking machines and TBMs have a diameter of over 1 meter. However, the underground utilities to be installed in the RMW project are significantly smaller, with most being less than 150 mm in diameter and situated within 0.5 meters below the road surface. Moreover, the pipe jacking and TBM methods require additional sheet piling and excavation for the construction of launching and receiving pits. As a result, utilizing these methods for the RMW project would lead to increased excavation volume, longer construction noise period and higher construction noise.
Spiral Wound Rehabilitation Technology/ Cured-In-Place-Pipe (CIPP) Lining with Enhanced Curing Technology/ Cured-In-Place-Pipe (CIPP) Lining	No rehabilitation works
Hydraulic Crusher for Concrete Breaking/ Hand-held concrete crusher	No demolition works



Using Prefabricated Structure to Replace In-situ Construction	The largest building of the project is the Jade Hawker Bazaar, which is a 2 storey commercial building unit; it is technical impracticable to adopt precast element. However, JV will utilize gypsum or brick walls for interior fit-out work to minimize the volume of concrete required for casting.
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2.6. Updated Powered Mechanical Equipment List

The updated Powered Mechanical Equipment (PME) list for the construction works is provided in Table 2.6.1. The Sound Power Levels (SWL) for the PMEs have been adopted from EPD's Technical Memorandum on Noise from Construction Work Other than Percussive Piling (GW-TM), list of SWLs of other commonly used PME or British Standard 5228 - Part 1:2009 Code of Practice for Noise and Vibration Control on Construction and Open Sites. It should be noted that the PMEs proposed are commonly available in Hong Kong market. The PMEs to be adopted for individual construction activities for this contract are provided in **Appendix 3.1**.

Taking into account the latest construction programme and PME inventory, extra quiet PME for dump truck, roller and vibratory are proposed in addition to the quiet PME proposed in the approved EIA Report for CKR. The quiet PME as listed in Table 2.6.1 could be found in Hong Kong. However, if the exact model specified in the references of the listed quiet PME are not available during the construction period, the model with SWL not higher than the listed SWL shall be adopted. JV has also confirmed that the programme and plant inventory are reasonable and practicable for completing the works of CKR-RMW within the scheduled timeframe.

Table 2.6.1 List of Updated Powered Mechanical Equipment (PME)

PME Description	TM Ref./ List of Sound Power Levels of Other Commonly Used PME [1]/ Other Ref. [2]/ BS 5228 Ref. [3]/ QPME ID Code [4]	Unit Sound Power Level, SWL dB(A)
Agitator (electric)	--	90
Air Blower (Electric)	--	95
Bar bender and cutter (electric)	CNP 021	90
Cherry Picker/ Scissor Lift	BS 5228-1:2009	95
Concrete lorry mixer	CNP 044	109
Concrete pump, stationary/lorry mounted	CNP 047	109
Lorry, with crane 5.5 ton <PGVW < 38 ton	--	105
Drill/grinder, hand-held (electric)	--	98
Dump truck/ Grab lorry, 5.5 ton <PGVW < 38 ton	--	105
Forklift	--	104
Grout mixer	--	90
Jig-saw, hand-held, wood (electric)	--	99
Piling, vibrating hammer	--	115
Poker, vibratory, hand-held (electric)	--	102



PME Description	TM Ref./ List of Sound Power Levels of Other Commonly Used PME [1]/ Other Ref. [2]/ BS 5228 Ref. [3]/ QPME ID Code [4]	Unit Sound Power Level, SWL dB(A)
QPME Excavator, 105dB(A) eqv	EPD-08260	105
QPME Generator, 92dB(A) eqv	EPD-11107	92
QPME Hand-held Electric Breaker, 103 dB(A) or eqv.	EPD-14688	103
QPME Mobile Crane, 105dB(A) eqv	EPD-08156	105
Saw, circular, wood	CNP 201	108
SilentPiler	EPD Website	94
Water pump, submersible (electric)	CNP 283	85
Welding Machine	--	100

Note:

[1] Sound power levels of other commonly used PME available from EPD Website

(https://www.epd.gov.hk/epd/sites/default/files/epd/english/application_for_licences/guidance/files/OtherSWLe.pdf)

[2] Other references:

- Noise level of Welding Machine refer with Appendix 8.4 of the approved EIA Report for Shatin to Central Link - Stabling Sidings at Hung Hom Freight Yard
(https://www.epd.gov.hk/eia/register/report/eiareport/eia_1972011/EIA/pdf/Appendices/Appendix%208.4%20-%20SWLs%20of%20PME.pdf)
- Quieter Construction Equipment – Silent Piling by Press-in Method
(https://www.epd.gov.hk/epd/misc/construction_noise/contents/index.php/en/home2/quieter-construction-equipment/item/27-press-in-method.html)
- Test Reports provided by Acoustic Consultant

[3] BS 5228 Ref. refers to British Standard 5228 - Part 1:2009 Code of Practice for Noise and Vibration Control on Construction and Open Sites

[4] QPME ID Code refer to Quality Powered Mechanical Equipment from EPD's website
(http://www.epd.gov.hk/cgi-bin/npgg/qpme/search_gen.pl?lang=eng)



3. NOISE ASSESSMENT AND PROPOSED MITIGATION MEASURES

3.1. Assessment Methodology and Assumptions

Noise assessment for CKR-RMW's works has been conducted in this CNMMP. The cumulative effect from including CKR-YMTW and CKR-YMTE, have also been considered in the noise assessment. Detailed noise assessment of these other CKR contracts were not presented in this CNMMP.

All works of CKR-CT are expected to be conducted underground, therefore no airborne noise impact was expected.

3 ventilation buildings constructed by CKR-BEM, where the Ho Man Tin Ventilation Building (HMTVB) and Kai Tak Ventilation Building (KTVB) are over 300m away from the 4 selected NSRs. Therefore the airborne noise impact from HMTVB and KTVB to the 4 selected NSRs are negligible.

The Yau Ma Tei Ventilation Building (YMTVB) is within 300m from W-N1A, therefore the airborne noise impact from YMTVB is considered under the noise assessment for W-N1A. The YMTVB is over 300m away from other 3 selected NSRs, therefore the airborne noise impact from the YMTVB to W-P11, W-N25A and W-N8A are negligible.

CKR-KTW and CKR-KTE are the East Portion of the CKR at Kai Tak and is over 300m away from the 4 selected NSRs. Therefore the airborne noise impact from the CKR-KTW and CKR-KTE to the 4 selected NSRs are negligible.

Although all the works area of CKR-RMW overlap with existing site areas of other CKR contracts, all operations under CKR-RMW shall be commenced after the corresponding CKR contracts handover the site area. Therefore only one CKR contract is expected to work at the same site area at a time.

The construction noise assessment has been carried out in accordance with the methodology used in the approved EIA Report for CKR (Register No. AEIAR-171/2013). Notional source distances adopted in the calculation has made reference to those used in the approved EIA Report for CKR (Register No. AEIAR-171/2013) The updated distance between NSRs and worksite are tabled in **Appendix 2.1**.

The percentage on-time for each PME has been estimated individually for each construction activity to ensure practicality and is consistent with assumptions made in the approved EIA Report for CKR (Register No. AEIAR-171/2013).

JV has confirmed that the programme and plant inventory are reasonable and practicable for completing the Works Contract within the scheduled timeframe.

All mitigation measures and their effectiveness proposed in the approved EIA Report for CKR (Register No. AEIAR-171/2013) including the use of temporary movable noise barrier and enclosure (with sufficient ventilation) for relatively static plant, acoustic mat and quiet plant have been considered in this CNMMP. The use of quiet plant associated with construction work is prescribed



in British Standard "Code of practice for noise and vibration control on construction and open sites, BS5228" which contains the SWLs for specific quiet PME.

As listed under Table 2.3.1, there are other CKR contracts concurrent with the CKR-RMW contract. Cumulative construction noise impact from construction activities of other CKR contracts is addressed in this CNMMP and detail assessment is shown in **Appendix 3.1** and **Appendix 3.2**.

3.2. Proposed Mitigation Strategy and Noise Assessment Results

Apart from selecting quieter construction methods and select quieter equipment as mentioned under Section 2.4, JV will also adopt the mitigation measures proposed in the approved EIA Report for CKR (Register No. AEIAR-171/2013).

Movable temporary noise barriers that can be located close to noisy plant and be moved concurrently with the plant along a worksite can be very effective for screening noise from NSRs. A typical design which has been used locally is a wooden framed barrier with a small-cantilevered on a skid footing with 25mm thick internal sound absorptive lining. This measure is particularly effective for low level zone of NSRs. A cantilevered top cover would be required to achieve screening benefits at upper floors of NSRs. Movable barriers will be used for some moveable PME (e.g. excavator etc). It is anticipated that suitably designed barriers could achieve at least 5 - 10dB(A) reduction. For a conservative assessment, only a reduction of 5dB(A) is assumed. The proposed noise barriers are showed in **Appendix 3.3**. JV will ensure the practicability to block the line-of-sight for nearby NSRs during the usage of noise barriers.

Noise barriers will be erected along the edges of the Yau Ma Tei Landscape Deck facing to the Coronation, site boundaries of S2 (Yau Ma Tei Rest Gardens) and S7 (Yau Ma Tei Jade Hawker Bazaar). -5dB(A) barrier correction was adopted in the noise assessment for the use of PME at site area S2 and S7.

To further reduce noisy PME to be deployed to site. Concrete pump will only be deployed to site for concreting building structures.

The following PME will be operated inside noise enclosure, such that no part of the PME will be visual from the line of sight from NSRs:

- QPME Generator
- 10dB(A) barrier correction was adopted in the noise assessment for the use of QPME Generator inside noise enclosure.

The following PME will be operated inside noise enclosure with operate within site area S2 and S7, such that no part of the PME will be visual from the line of sight from NSRs:

- Agitator (electric)
- Air Blower (electric)
- Bar bender and cutter (electric)
- Drill/ Grinder, hand-held (electric)
- Grout Mixer
- Jig-saw, hand-held, wood (electric)
- Poker, vibratory, hand-held (electric)
- QPME hand-held electric breaker, 103 dB(A) or eqv.
- Saw, circular, wood



- Welding machine (electric)

Submersible pump will be operated under water and the pump sump will be covered by metal plate.

The predicted noise levels at identified NSRs after implementation of mitigation measures, including quiet plants, noise enclosure/shed, movable barriers and acoustic fabric are shown in **Appendix 3.1**, **Appendix 3.2** and summarized in Table 3.2.1. The mitigation measures and noise control design will be implemented by the frontline staff of the contractor, supervised by the Environmental Officer/ Site Engineer and checked by the ET, IEC and the Supervisor during routine site inspection under the EM&A programme.

Site records, including photos and measurement reports, for substantiating proper implementation of the Plan shall be well kept by the Contractor on site for review/checking by ET/ IEC/ EPD at any time.

The implementation schedule of proposed mitigation measures is showed in **Appendix 3.4**.

Table 3.2.1 Summary of Noise Assessment Result

NSR ID	NSR Description	Predicted Max. Noise Level, dB(A) [1]	Noise Criteria, dB(A) [2]	Exceedance, dB(A)	Duration of Exceedance (month) [3]
W-N1A	Yau Ma Tei Catholic Primary School (Hoi Wang Road) 油麻地天主教小學(海泓道)	62(62)	70 (65)	-- (--)	-- (--)
W-P11	The Coronation Tower 1 御金國峰	76	75	1	2
W-N25A	Prosperous Garden Block 1 駿發花園 1 座	72	75	0	0
W-N8A	Tak Cheong Building 德昌大廈	78	75	3	5

Note:

[1] Bolded values mean exceedance of the relevant noise criteria

[2] Values in parentheses indicate the noise criterion during examination period of educational institution.

[3] Typical examination period is in May, June, November and December. The exceedance duration is subject to the examination schedule when available.

With the implementation of the above-mentioned mitigation measures, residual impacts exceeding the construction noise criterion are still expected. The comparison of residual impacts between the approved EIA Report for CKR and this CNMMP is shown in Table 3.2.2.



Table 3.2.2A Comparison of Residual Impacts between the approved EIA Report for CKR and this CNMMP (Residential Premises and Gov Facility)

NSR	EIA Prediction					CNMMP Prediction				
	Max. Noise Level dB(A)	Duration (month) of Exceedance				Max. Noise Level dB(A)	Duration (month) of Exceedance			
		1-4 dB(A)	5 dB(A)	6 dB(A)	7 dB(A)		1-4 dB(A)	5 dB(A)	6 dB(A)	7 dB(A)
W-P11	77	4	--	--	--	76	2	--	--	--
W-N25A	81	6	--	3	--	72	--	--	--	--
W-N8A	82	26	5	4	2	78	5	--	--	--

Note: Duration of exceedance (month) of this CNMMP has been updated to match with the works programme

Table 3.2.2B Comparison of Residual Impacts between the approved EIA Report for CKR and this CNMMP (Educational Institutions During Examination Period)

NSR	EIA Prediction (During Exam Period)								CNMMP Prediction (During Exam Period)							
	1 dB(A)	2 dB(A)	3 dB(A)	4 dB(A)	5 dB(A)	6 dB(A)	7 dB(A)	8 dB(A) or more	1 dB(A)	2 dB(A)	3 dB(A)	4 dB(A)	5 dB(A)	6 dB(A)	7 dB(A)	8 dB(A) or more
W-N1A	2	3	-	1	-	-	-	-	No exceedance							

Note: Duration of exceedance (month) of this CNMMP has been updated to match with the works programme

Table 3.2.2C Comparison of Residual Impacts between the approved EIA Report for CKR and this CNMMP (Educational Institutions During Normal Period)

NSR	EIA Prediction (During Normal Period)								CNMMP Prediction (During Normal Period)							
	1 dB(A)	2 dB(A)	3 dB(A)	4 dB(A)	5 dB(A)	6 dB(A)	7 dB(A)	8 dB(A) or more	1 dB(A)	2 dB(A)	3 dB(A)	4 dB(A)	5 dB(A)	6 dB(A)	7 dB(A)	8 dB(A) or more
W-N1A	No exceedance								No exceedance							

Note: Duration of exceedance (month) of this CNMMP has been updated to match with the works programme

When comparing with the predicted noise impact in the EIA study, the residual impacts predicted in this CNMMP would either remain unchanged or reduced in respect of both exceedances and duration with the implementation of mitigation measures proposed in this CNMMP.

3.3. Summary of Assessment Results

East Portion:

There are no NSR within 300m from any works areas at the East Portion of CKR-RMW.

West Portion:

Noise barrier will be erected along the site boundary of the works area of the Yau Ma Tei Rest Gardens (site area S2) and the site boundary of Yau Ma Tei Jade Hawker Bazaar (site area S7).

The following PME will be operated inside noise enclosure, such that no part of the PME will be visual from the line of sight from NSRs:

- QPME Generator



The following PME will be operated inside noise enclosure with operate within site area S2 and S7, such that no part of the PME will be visual from the line of sight from NSRs:

- Agitator (electric)
- Air Blower (electric)
- Bar bender and cutter (electric)
- Drill/ Grinder, hand-held (electric)
- Grout Mixer
- Jig-saw, hand-held, wood (electric)
- Poker, vibratory, hand-held (electric)
- QPME hand-held electric breaker, 103 dB(A) or eqv.
- Saw, circular, wood
- Welding machine (electric)

Submersible pump will be operated under water and the pump sump will be covered by metal plate.

Having the implementation of the above noise mitigation measures, the predicted construction noise level are summarized as followings:

- W-N1A Yau Ma Tei Catholic Primary School (Hoi Wang Road) 油麻地天主教小學(海泓道)
 - ◆ The predicted maximum construction noise level reduced from 69 dB(A) in the approved EIA Report for CKR to 62dB(A) under this CNMMP.
 - ◆ The number of months of examination period of the school predicted to exceed the criterion of school examination period was reduced from 6 months in the approved EIA Report for CKR to no exceedance under the prediction of this CNMMP.
- W-P11 The Coronation Tower 1 御金國峰 1 座
 - ◆ The predicted maximum construction noise level reduced from 77 dB(A) in the approved EIA Report for CKR to 76 dB(A) under this CNMMP.
 - ◆ The number of months of exceed the criterion (75 dB(A)) was reduced from 4 months in the approved EIA Report for CKR to 2 months under this CNMMP.
- W-N25A Prosperous Garden Block 1 駿發花園 1 座
 - ◆ The predicted maximum construction noise level reduced from 81 dB(A) in the approved EIA Report for CKR to 72 dB(A) under this CNMMP.
 - ◆ The number of months of exceed the criterion (75 dB(A)) was reduced from 9 months in the approved EIA Report for CKR to no exceedance under this CNMMP.
- W-N8A Tak Cheong Building 德昌大廈
 - ◆ The predicted maximum construction noise level reduced from 82 dB(A) in the approved EIA Report for CKR to 78 dB(A) under this CNMMP.
 - ◆ The number of months of exceed the criterion (75 dB(A)) was reduced from 37 months in the approved EIA Report for CKR to 5 months under this CNMMP.



4. CONCLUSION

The CNMMP has predicted the construction noise impact from CKR-RMW to identified NSRs. This plan has taken into account the updated information on PME and works programme which would be adopted by JV. With the implementation of mitigation measures in form of quiet plants and noise barriers, the construction noise impact are predicted would either remain unchanged or to be reduced in respect of both exceedances and duration.

Liaison with affected parties will be maintained to minimize the construction noise impacts as far as practicable.



Appendix 1.1	-	Site Layout and NSR Locations
--------------	---	-------------------------------

Appendix 1.1:
Site Location Map and NSR Allocation

LEGEND:

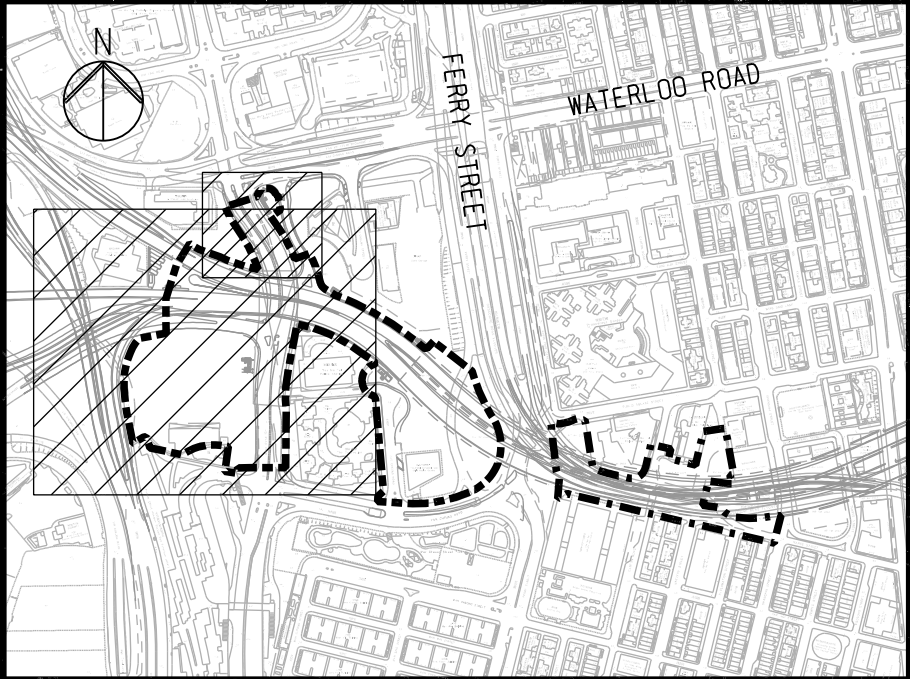
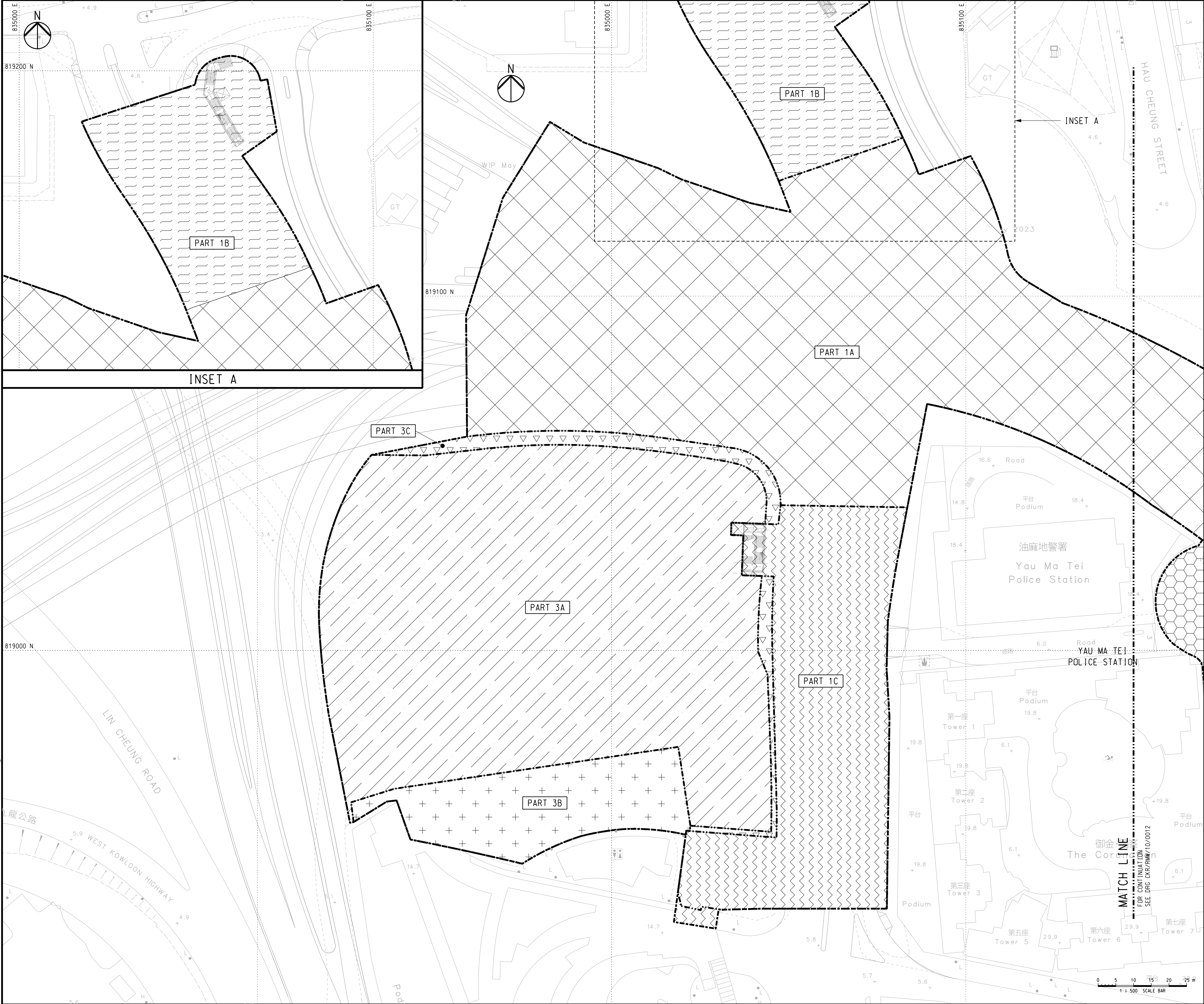
- Site Area
- Amenity - Leisure
- Amenity – Public Transport
- Selected NSR for CNMMP noise assessment

NSR Selected for Noise Assessment	
W-N1A	油麻地天主教小學(海泓道)
W-P11	御金國峰1座
W-N25A	駿發花園1座
W-N8A	德昌大廈





Appendix 1.2	-	Zoning Plans
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KEY PLAN

- NOTES**
1. THE CONTRACTOR SHALL PROPOSE AND MAINTAIN APPROPRIATE TEMPORARY TRAFFIC MANAGEMENT SCHEME (INCLUDING BUT NOT LIMITED TO PEDESTRIAN AND VEHICULAR TRAFFIC) FOR THE EXECUTION OF THE CONSTRUCTION WORKS.
 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TIDINESS OF THE WORKS AREA THROUGHOUT THE CONSTRUCTION PERIOD.

LEGEND

--- --	BOUNDARIES OF THE SITE	--- --	BOUNDARIES OF THE SITE
--- --	OPEN SPACE BOUNDARY	--- --	OPEN SPACE BOUNDARY
--- --	BUILDING SITE BOUNDARY	--- --	BUILDING SITE BOUNDARY
[Pattern]	PART 1A	[Pattern]	PART 4B
[Pattern]	PART 1B	[Pattern]	PART 4C
[Pattern]	PART 1C	[Pattern]	PART 5A
[Pattern]	PART 1D	[Pattern]	PART 5B
[Pattern]	PART 1E	[Pattern]	PART 5C
[Pattern]	PART 1F	[Pattern]	PART 5D
[Pattern]	PART 2A	[Pattern]	PART 5E
[Pattern]	PART 2B	[Pattern]	PART 5F
[Pattern]	PART 2C	[Pattern]	PART 5G
[Pattern]	PART 2D	[Pattern]	PART 5H
[Pattern]	PART 3A	[Pattern]	PART 6
[Pattern]	PART 3B	[Pattern]	PART 7
[Pattern]	PART 3C	[Pattern]	PART 8
[Pattern]	PART 4A		

00	ISSUE FOR TENDER	LFM	02/24
Rev.	Description	By	Date
修訂	內容摘要	設計	日期

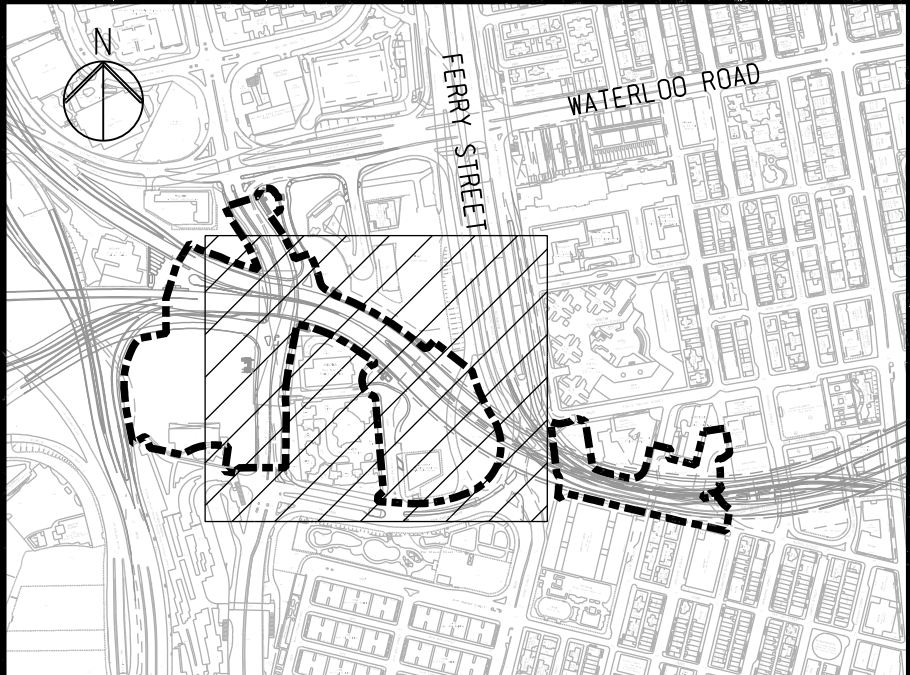
ARUP **MOTT MACDONALD**
Arup-Mott MacDonald Joint Venture

Project title
工程名稱
Contract No. HY/2023/08
Central Kowloon Route - Remaining Works

Drawing title
圖紙名稱
PART OF SITE SHEET 1

Drawing no. 圖紙編號	CKR/RMW/10/0011	Rev. 修訂	00
Drawn By 繪圖	RY	Checked By 覆核	KKC
Approved By 批准人	FW	Status 階段	TENDER
Scale 比例	1:500 @ A1		

路政署
HIGHWAYS DEPARTMENT
主要工程管理處
MAJOR WORKS PROJECT MANAGEMENT OFFICE

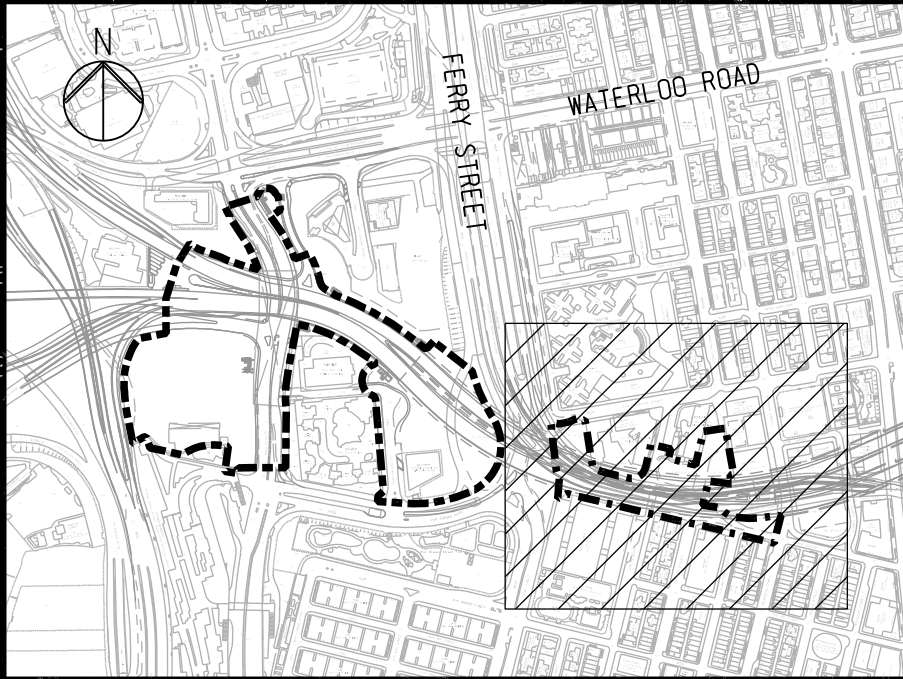
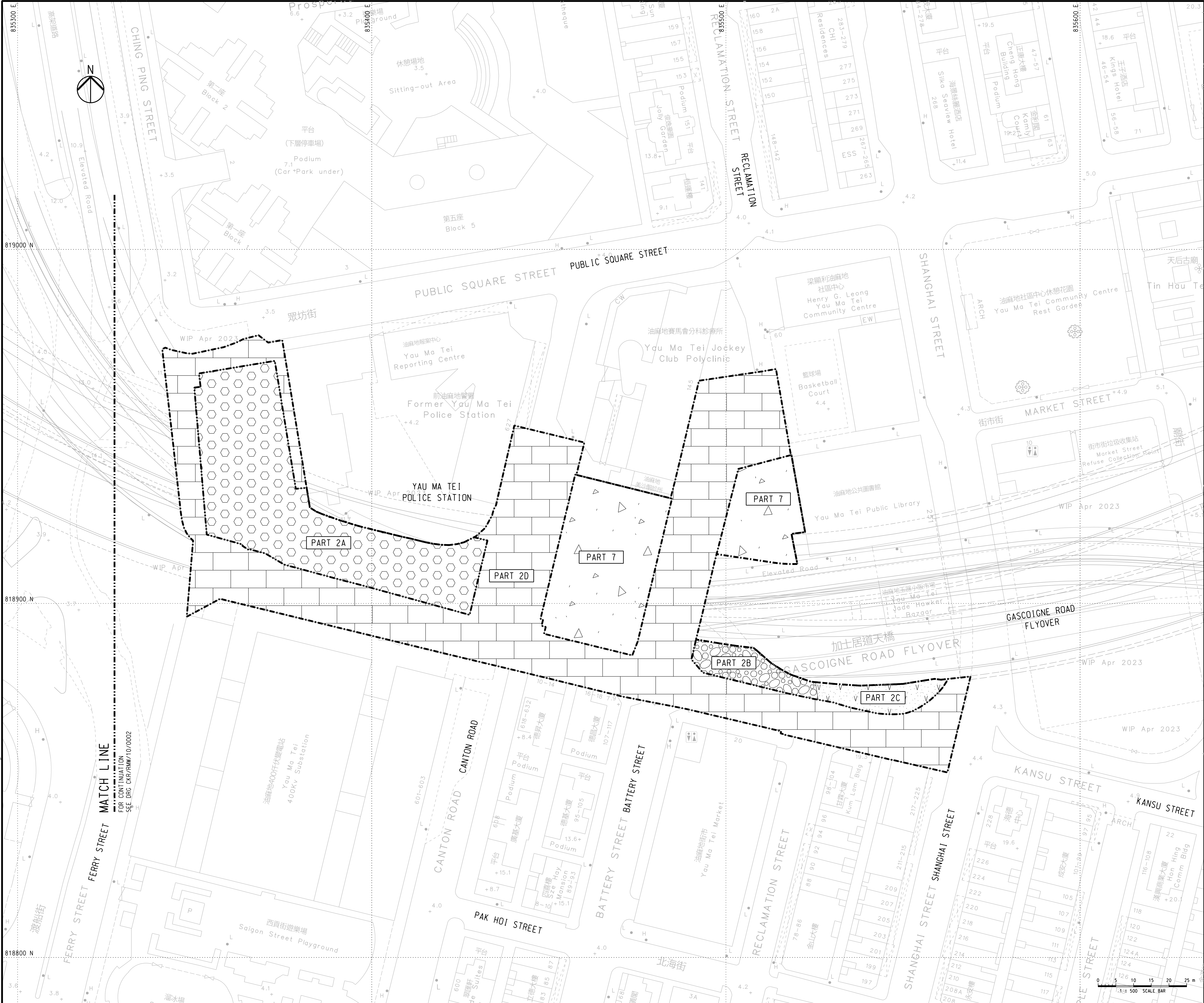


KEY PLAN

NOTES

1. FOR NOTES AND LEGEND, REFER TO DRAWING NO. CKR/RMW/10/0011.

00	ISSUE FOR TENDER			LFM	02/24
Rev. 修訂	Description 內容摘要			By 設計	Date 日期
ARUPMOTT MACDONALD Arup-Mott MacDonald Joint Venture					
Project title 工程名稱					
Contract No. HY/2023/08					
Central Kowloon Route - Remaining Works					
Drawing title 圖紙名稱					
PART OF SITE SHEET 2					
Drawing no. 圖紙編號				Rev. 修訂	00
CKR/RMW/10/0012					
Drawn By 繪圖	RY	Checked By 覆核	KKC	Approved By 批准人	FW
Scale 比例	1:500 @ A1		Status 階段	TENDER	
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路政署 HIGHWAYS DEPARTMENT 主要工程管理處 MAJOR WORKS PROJECT MANAGEMENT OFFICE					



KEY PLAN

NOTES

1. FOR NOTES AND LEGEND, REFER TO DRAWING NO.
CKR/RMW/10/0011.

00	ISSUE FOR TENDER					LFM	02/24		
Rev. 修訂	Description 內容摘要					By 設計	Date 日期		
 ARUP MOTT MACDONALD Arup-Mott MacDonald Joint Venture									
Project title 工程名稱 Contract No. HY/2023/08 Central Kowloon Route - Remaining Works									
Drawing title 圖紙名稱 PART OF SITE SHEET 3									
Drawn by 繪圖 CKR/RMW/10/0013							Rev. 修訂 00		
Drawn By 繪圖 RY		Checked By 覆核 KKC		Approved By 批准人 FWM					
Scale 比例 1:1000 @ A1				Status 階段 TENDER					

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Appendix 2.1	-	Distance between NSRs and worksite
--------------	---	------------------------------------

Contract No.:

Contract Name:

Contractor:

HY/2023/08

Central Kowloon Route - Remaining Works

Build King - Tung Lee Joint Venture

Notional Distance Summary
(from Notional Centre to façade of NSR)

West Portion

	NSR ID in This CNMMP	1	2	3	4
	NSR ID in EIA Rpt	W-N1A	W-P11	W-N25A	W-N8A
	NSR Name	油麻地天主教小學(海泓道)	御金國峰1座	駿發花園1座	德昌大廈
S1-Part 1A	YMT Landscape Deck - mid	240	60	170	330
S1-Part 1B	YMT Landscape Deck - North	180	160	270	470
S1-Part 1C	YMT Landscape Deck - south	340	40	270	400
S1-Part 1D	YMTE	380	40	120	210
S1-Part 1F	YMTE	380	50	110	180
S2-Part 2A	Kansu St.	550	200	30	80
S2-Part 2B	Kansu St.	710	180	120	30
S2-Part 2C	Kansu St.	740	340	150	70
S2-Part 2D	Kansu St.	590	370	30	20
S3-Part 3A	NTP	310	90	320	470
S3-Part 3B	NTP	370	100	340	450
S3-Part 3C	NTP	300	60	330	420
S7-Part 7 (310)	Jade Market (310)	630	280	70	30
S7-Part 7 (81)	Jade Market (81)	670	330	90	60



Appendix 2.2	-	Updated Preliminary Construction Programme
--------------	---	--

[illegible]

[illegible]

WorkSite			Activity	Start	Finish	2024					2025												2026											
						Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct		
		S3-Part 3A, 3B & 3C	Link Bridge Construction at Staff Office & Amenity Building	10-Feb-26	19-Mar-26																													
		S3-Part 3A, 3B & 3C	ABWF at Staff Office & Amenity Building	20-Mar-26	28-Apr-26																													
		S3-Part 3A, 3B & 3C	Building Services Installation at Staff Office & Amenity Building	29-Apr-26	4-Jun-26																													
			Section 7 - Yau Ma Tei Jade Hawker Bazaar																															
			Jade Hawker Market (tentative 310 stalls)																															
		S7-Part 7	Site preparation, hoarding installation, temporary fence, carry out survey, mobilization of plants at Part 7	4-Jul-25	2-Aug-25																													
		S7-Part 7	Excavation Works	7-Aug-25	3-Sep-25																													
		S7-Part 7	Footing and Tie Beam Construction	4-Sep-25	1-Nov-25																													
		S7-Part 7	Ground Slab Construction	3-Nov-25	6-Dec-25																													
		S7-Part 7	Column & Wall Construction (Ground to 1st Floor)	8-Dec-25	4-Feb-26																													
		S7-Part 7	1st Floor Beam and Slab	5-Feb-26	9-Apr-26																													
		S7-Part 7	Column and Wall Construction (1st Floor to Roof Floor)	10-Apr-26	8-May-26																													
		S7-Part 7	Roof Beam and Slab	9-May-26	6-Jun-26																													
		S7-Part 7	ABWF Works	8-Jun-26	18-Aug-26																													
		S7-Part 7	Building Services Installation	19-Aug-26	30-Oct-26																													
			Jade Hawker Market (tentative 81 stalls)																															
		S7-Part 7	Excavation Works	4-Sep-25	24-Sep-25																													
		S7-Part 7	Footing and Tie Beam Construction	25-Sep-25	8-Nov-25																													
		S7-Part 7	Ground Slab Construction	10-Nov-25	29-Nov-25																													
		S7-Part 7	Column & Wall Construction (Ground to 1st Floor)	1-Dec-25	7-Jan-26																													
		S7-Part 7	1st Floor Beam and Slab	8-Jan-26	11-Feb-26																													
		S7-Part 7	Column and Wall Construction (1st Floor to Roof Floor)	12-Feb-26	7-Mar-26																													
		S7-Part 7	Roof Beam and Slab	9-Mar-26	28-Mar-26																													
		S7-Part 7	ABWF Works	30-Mar-26	13-Jun-26																													
		S7-Part 7	Building Services Installation	15-Jun-26	25-Aug-26																													



Appendix 3.1	-	Detailed Construction Noise Assessment 3.1.1 - W-N1A Yau Ma Tei Catholic Primary School (Hoi Wang Road) 油麻地天主教小學(海泓道)
--------------	---	--

Contract No. -
Contract Name -
Contractor -

14/2023/008
Central & Western Bypass - Remediation Works
Build Edge, Tunnel Lane, West Viaduct

Revision:
New or F1/F2/F3/F4/F5
NCR or F1/F2/F3/F4/F5
NCR Number:
Revision:

07/01 - 1/001 (repeat current individual)
WJ-A11
道路工程 (道路工程)
Roadwork (Roadwork)

Max Noise L or (dB(A))
55

WorkSite	Activity Name	Start	Finish	Group	PME	PME Information	TM Ref. / other Ref.	Unit SWL (dB(A))	Group	Quantity	On-time %	Time Factor	Time Correction	Total SWL (dB(A))	Notional Distance (m)	Distance Attenuation (dB(A))	Facade Correction (dB(A))	Barrier Correction (dB(A))	Predicted Noise Level (dB(A))	Total Predicted Noise Level for each group (dB(A))
S1-Part 1A	S1-Part 1A	20-Aug-2024	24-Sep-2024	A	Air Blower (Electric)	--	--	95	A	1	100%	0	95	95	240	-56	3		42	51
	S1-Part 1A	20-Aug-2024	24-Sep-2024	A	Drill/roinder, hand-held (electric)	--	--	98	A	1	20%	-7	91	91	240	-56	3		38	
	S1-Part 1A	20-Aug-2024	24-Sep-2024	A	Cherry Picker Scissor Lift	BS 5228-1:2009	--	95	A	1	50%	-3	92	92	240	-56	3		38	
	S1-Part 1A	20-Aug-2024	24-Sep-2024	A	Lorry, with crane 5.5 ton <PGVW < 38 ton	--	--	105	A	1	20%	-7	91	91	100	-40	3		48	
	S1-Part 1A	20-Aug-2024	24-Sep-2024	A	Water pump, (non-splashing, electric)	FMP 201	--	85	A	1	100%	0	85	85	240	-56	3		26	
	S1-Part 1A	20-Aug-2024	24-Sep-2024	A	CPME Generator, 5000VA/1000VA	EPD-11107	--	92	A	1	100%	0	92	92	240	-56	3		29	
	S1-Part 1A	20-Aug-2024	24-Sep-2024	A	Welding Machine	--	--	100	A	1	10%	-13	87	87	240	-56	3		44	
	S1-Part 1A	20-Aug-2024	24-Sep-2024	A		--	--	90	A	1	50%	-3	92	92	240	-56	3		38	
	S1-Part 1A	20-Aug-2024	24-Sep-2024	A		--	--	90	A	1	50%	-3	92	92	240	-56	3		38	
	S1-Part 1A	20-Aug-2024	24-Sep-2024	A		--	--	90	A	1	50%	-3	92	92	240	-56	3		38	
S1-Part 1A	S1-Part 1A	20-Aug-2024	24-Sep-2024	B	Dump truck/ Grab lorry, 5.5 ton <PGVW < 38 ton	--	EPD-08290	105	B	1	20%	-7	91	100	240	-56	3		48	52
	S1-Part 1A	20-Aug-2024	24-Sep-2024	B	CPME Excavator, 10000VA/1000VA	--	--	105	B	1	87%	-2	103	103	240	-56	3		51	
	S1-Part 1A	20-Aug-2024	24-Sep-2024	B		--	--		B	1				240	-56	3				
	S1-Part 1A	20-Aug-2024	24-Sep-2024	B		--	--		B	1				240	-56	3				
	S1-Part 1A	20-Aug-2024	24-Sep-2024	B		--	--		B	1				240	-56	3				
	S1-Part 1A	20-Aug-2024	24-Sep-2024	B		--	--		B	1				240	-56	3				
	S1-Part 1A	20-Aug-2024	24-Sep-2024	B		--	--		B	1				240	-56	3				
	S1-Part 1A	20-Aug-2024	24-Sep-2024	B		--	--		B	1				240	-56	3				
	S1-Part 1A	20-Aug-2024	24-Sep-2024	B		--	--		B	1				240	-56	3				
	S1-Part 1A	20-Aug-2024	24-Sep-2024	B		--	--		B	1				240	-56	3				
S1-Part 1A	S1-Part 1A	20-Aug-2024	24-Sep-2024	A	Air Blower (Electric)	--	--	95	A	1	100%	0	95	95	240	-56	3		42	51
	S1-Part 1A	20-Aug-2024	24-Sep-2024	A	Drill/roinder, hand-held (electric)	--	--	98	A	1	20%	-7	91	91	240	-56	3		38	
	S1-Part 1A	20-Aug-2024	24-Sep-2024	A	Lorry, with crane 5.5 ton <PGVW < 38 ton	--	--	105	A	1	20%	-7	91	91	100	-40	3		48	
	S1-Part 1A	20-Aug-2024	24-Sep-2024	A	Ag. saw, hand-held, wood (electric)	--	--	99	A	1	50%	-3	96	96	240	-56	3		43	
	S1-Part 1A	20-Aug-2024	24-Sep-2024	A	Cherry Picker Scissor Lift	BS 5228-1:2009	--	95	A	1	50%	-3	92	92	240	-56	3		38	
	S1-Part 1A	20-Aug-2024	24-Sep-2024	A	CPME Generator, 5000VA/1000VA	EPD-11107	--	92	A	1	100%	0	92	92	240	-56	3		29	
	S1-Part 1A	20-Aug-2024	24-Sep-2024	A		--	--		A	1				240	-56	3				
	S1-Part 1A	20-Aug-2024	24-Sep-2024	A		--	--		A	1				240	-56	3				
	S1-Part 1A	20-Aug-2024	24-Sep-2024	A		--	--		A	1				240	-56	3				
	S1-Part 1A	20-Aug-2024	24-Sep-2024	A		--	--		A	1				240	-56	3				
S1-Part 1A	S1-Part 1A	20-Aug-2024	24-Sep-2024	B	Concrete mixer pump	FMP 044	--	105	B	1	10%	-13	98	98	240	-56	3		46	51
	S1-Part 1A	20-Aug-2024	24-Sep-2024	B	CPME Excavator, 10000VA/1000VA	EPD-08290	--	105	B	1	100%	0	105	105	240	-56	3		49	
	S1-Part 1A	20-Aug-2024	24-Sep-2024	B	Poker, vibratory, hand-held (electric)	FMP 201	--	100	B	1	10%	-13	97	97	240	-56	3		45	
	S1-Part 1A	20-Aug-2024	24-Sep-2024	B		--	--		B	1				240	-56	3				
	S1-Part 1A	20-Aug-2024	24-Sep-2024	B		--	--		B	1				240	-56	3				
	S1-Part 1A	20-Aug-2024	24-Sep-2024	B		--	--		B	1				240	-56	3				
	S1-Part 1A	20-Aug-2024	24-Sep-2024	B		--	--		B	1				240	-56	3				
	S1-Part 1A	20-Aug-2024	24-Sep-2024	B		--	--		B	1				240	-56	3				
	S1-Part 1A	20-Aug-2024	24-Sep-2024	B		--	--		B	1				240	-56	3				
	S1-Part 1A	20-Aug-2024	24-Sep-2024	B		--	--		B	1				240	-56	3				
S1-Part 1A	S1-Part 1A	20-Aug-2024	24-Sep-2024	A	Air Blower (Electric)	--	--	95	A	1	100%	0	95	95	240	-56	3		42	50
	S1-Part 1A	20-Aug-2024	24-Sep-2024	A	Drill/roinder, hand-held (electric)	--	--	98	A	1	20%	-7	91	91	240	-56	3		38	
	S1-Part 1A	20-Aug-2024	24-Sep-2024	A	Lorry, with crane 5.5 ton <PGVW < 38 ton	--	--	105	A	1	20%	-7	91	91	100	-40	3		48	
	S1-Part 1A	20-Aug-2024	24-Sep-2024	A	Ag. saw, hand-held, wood (electric)	--	--	99	A	1	50%	-3	96	96	240	-56	3		43	
	S1-Part 1A	20-Aug-2024	24-Sep-2024	A	Cherry Picker Scissor Lift	BS 5228-1:2009	--	95	A	1	50%	-3	92	92	240	-56	3		38	
	S1-Part 1A	20-Aug-2024	24-Sep-2024	A	CPME Generator, 5000VA/1000VA	EPD-11107	--	92	A	1	100%	0	92	92	240	-56	3		29	
	S1-Part 1A	20-Aug-2024	24-Sep-2024	A		--	--		A	1				240	-56	3				
	S1-Part 1A	20-Aug-2024	24-Sep-2024	A		--	--		A	1				240	-56	3				
	S1-Part 1A	20-Aug-2024	24-Sep-2024	A		--	--		A	1				240	-56	3				
	S1-Part 1A	20-Aug-2024	24-Sep-2024	A		--	--		A	1				240	-56	3				
S1-Part 1A	S1-Part 1A	01-Nov-2024	13-Jan-2025	A	CPME Generator, 5000VA/1000VA	EPD-11107	--	92	A	1	100%	0	92	92	240	-56	3		29	53
	S1-Part 1A	01-Nov-2024	13-Jan-2025	A	Saw, circular, wood	FMP 201	--	100	A	1	20%	-7	91	100	240	-56	3		48	
	S1-Part 1A	01-Nov-2024	13-Jan-2025	A	CPME Mobile Crane, 10000VA/1000VA	EPD-08156	--	105	A	1	20%	-7	91	100	240	-56	3		48	
	S1-Part 1A	01-Nov-2024	13-Jan-2025	A		--	--		A	1				240	-56	3				
	S1-Part 1A	01-Nov-2024	13-Jan-2025	A		--	--		A	1				240	-56	3				
	S1-Part 1A	01-Nov-2024	13-Jan-2025	A		--	--		A	1				240	-56	3				
	S1-Part 1A	01-Nov-2024	13-Jan-2025	A		--	--		A	1				240	-56	3				
	S1-Part 1A	01-Nov-2024	13-Jan-2025	A		--	--		A	1				240	-56	3				
	S1-Part 1A	01-Nov-2024	13-Jan-2025	A		--	--		A	1				240	-56	3				
	S1-Part 1A	01-Nov-2024	13-Jan-2025	A		--	--		A	1				240	-56	3				
S1-Part 1A	S1-Part 1A	01-Nov-2024	13-Jan-2025	B	CPME Generator, 5000VA/1000VA	EPD-11107	--	92	B	1	100%	0	92	92	240	-56	3		29	48
	S1-Part 1A	01-Nov-2024	13-Jan-2025	B	Drum, vibratory, hand-held (electric)	FMP 201	--	100	B	1	20%	-7	91	91	240	-56	3		38	
	S1-Part 1A	01-Nov-2024	13-Jan-2025	B	CPME Mobile Crane, 10000VA/1000VA	EPD-08156	--	105	B	1	20%	-7	91	100	240	-56	3		48	
	S1-Part 1A	01-Nov-2024	13-Jan-2025	B		--	--		B	1				240	-56	3				
	S1-Part 1A	01-Nov-2024	13-Jan-2025	B		--	--		B	1				240	-56	3				
	S1-Part 1A	01-Nov-2024	13-Jan-2025	B		--	--		B	1				240	-56	3				
	S1-Part 1A	01-Nov-2024	13-Jan-2025	B		--	--		B	1				240	-56	3				
	S1-Part 1A	01-Nov-2024	13-Jan-2025	B		--	--		B	1				240	-56	3				
	S1-Part 1A	01-Nov-2024	13-Jan-2025	B		--	--		B	1				240	-56	3				
	S1-Part 1A	01-Nov-2024	13-Jan-2025	B		--	--		B	1				240	-56	3				
S1-Part 1A	S1-Part 1A	01-Nov-2024	13-Jan-2025	C	Concrete mixer pump	FMP 044	--	105	C	1	10%	-13	98	98	240	-56	3		46	53
	S1-Part 1A	01-Nov-2024	13-Jan-2025	C	CPME Excavator, 10000VA/1000VA	EPD-08290	--	105	C	1	100%	0	105	105	240	-56	3		49	
	S1-Part 1A	01-Nov-2024	13-Jan-2025	C	Poker, vibratory, hand-held (electric)	FMP 201	--	100	C	1	10%	-13	97	97	240	-56	3		45	
	S1-Part 1A	01-Nov-2024	13-Jan-2025	C		--	--		C	1				240	-56	3				
	S1-Part 1A	01-Nov-2024	13-Jan-2025	C		--	--		C	1				240	-56	3				
	S1-Part 1A	01-Nov-2024	13-Jan-2025	C		--	--		C	1				240	-56	3				
	S1-Part 1A	01-Nov-2024	13-Jan-2025	C		--	--		C	1				240	-56	3				
	S1-Part 1A	01-Nov-2024	13-Jan-2025	C		--	--		C	1				240	-56	3				
	S1-Part 1A	01-Nov-2024	13-Jan-2025	C		--	--		C	1				240	-56	3				
	S1-Part 1A	01-Nov-2024	13-Jan-2025	C		--	--		C	1				240	-56	3				
S1-Part 1A	S1-Part 1A	06-Dec-2024	03-Feb-2025	A	Air Blower (Electric)	--	--	98	A	1	100%	0	98	98	240	-56	3		42	53
	S1-Part 1A	06-Dec-2024	03-Feb-2025	A	Drill/roinder, hand-held (electric)	--	--	98	A	1	20%	-7	91	91	240	-56	3		38	
	S1-Part 1A	06-Dec-2024	03-Feb-2025	A	Lorry, with crane 5.5 ton <PGVW < 38 ton	--	--	105	A	1	20%	-7	91	100	240	-56	3		48	
	S1-Part 1A	06-Dec-2024	03-Feb-2025	A	Ag. saw, hand-held, wood (electric)	--	--	99	A	1	50%	-3	96	96	240					

Construction Noise Assessment																		
Contract No. - Contract Name - Contractor		Revision New in Yellow Not in Yellow But Not in Yellow Revision		07/01 / 14/01 (except normal holidays) No A11 道路工程 (道路工程)		NPS in Yellow NPS in Yellow But NPS in Yellow Revision		W-11A 道路工程 (道路工程)		Max Noise L or (dB(A))								
WorkSite	Activity Name	Start	Finish	Group	PME	TM Ref. / other Ref.	Unit SWL (dB(A))	PME Arrangement	On-time %	Time Factor	Time Weighted SWL (dB(A))	Distance Correction Notional Distance (m)	Facade Correction (dB(A))	Barrier Correction (dB(A))	Predicted Noise Level (dB(A))	Total Predicted Noise Level for each group (dB(A))		
SI-Part 1B & 1C	Site preparation, carry out survey, mobilization of plants at Parts 1B & 1C	20-Dec-2024	13-Jan-2025	A	AI Blower (Electric)	--	95	A	1	100%	0	95	100	-52	2	45	53	
		20-Dec-2024	13-Jan-2025		Delldriller, hand-held (electric)	--	98	A	1	20%	-7	91	91	-100	-53	2		41
		20-Dec-2024	13-Jan-2025		Cherry Picker Scissor Lift	BS 5228-1:2009	100	A	1	50%	-3	92	92	-100	-53	2		44
		20-Dec-2024	13-Jan-2025		Lorry with crane 5.5 ton +PSGVW < 38 ton	--	105	A	1	100%	0	100	100	-100	-53	3		50
		20-Dec-2024	13-Jan-2025		Water pump, submersible (electric)	FMP 285	85	A	1	100%	-3	82	82	-100	-53	2		38
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	A	1	100%	0	92	92	-100	-53	2		40
		20-Dec-2024	13-Jan-2025		Molden Machine	--	100	A	1	100%	-3	97	97	-100	-53	2		47
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	A	1	100%	0	92	92	-100	-53	2		40
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	A	1	100%	0	92	92	-100	-53	2		40
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	A	1	100%	0	92	92	-100	-53	2		40
SI-Part 1B & 1C	Installation of Drainage System (Catch pit and Discharge pipe)	20-Dec-2024	13-Jan-2025	B	Dump truck/ Grab lorry, 5.5 ton +PSGVW < 38 ton	--	105	A	1	13%	-5	100	100	-100	-53	3	50	54
		20-Dec-2024	13-Jan-2025		OPME Excavator, 10000VA) env	EPD-08290	105	B	1	87%	-2	103	103	-100	-53	3	55	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
SI-Part 1B & 1C	Installation of Drainage System (Catch pit and Discharge pipe)	20-Dec-2024	13-Jan-2025	A	AI Blower (Electric)	--	95	A	1	100%	0	95	95	-100	-53	2	45	53
		20-Dec-2024	13-Jan-2025		Delldriller, hand-held (electric)	--	98	A	1	20%	-7	91	91	-100	-53	2	41	
		20-Dec-2024	13-Jan-2025		Lorry with crane 5.5 ton +PSGVW < 38 ton	--	105	A	1	13%	-5	100	100	-100	-53	3	50	
		20-Dec-2024	13-Jan-2025		Water pump, submersible (electric)	FMP 285	85	A	1	100%	-3	82	82	-100	-53	2	38	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	A	1	100%	0	92	92	-100	-53	2	40	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	A	1	100%	0	92	92	-100	-53	2	40	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	A	1	100%	0	92	92	-100	-53	2	40	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	A	1	100%	0	92	92	-100	-53	2	40	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	A	1	100%	0	92	92	-100	-53	2	40	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	A	1	100%	0	92	92	-100	-53	2	40	
SI-Part 1B & 1C	Installation of Drainage System (Catch pit and Discharge pipe)	20-Dec-2024	13-Jan-2025	B	Dump truck/ Grab lorry, 5.5 ton +PSGVW < 38 ton	--	105	B	1	13%	-5	100	100	-100	-53	3	50	54
		20-Dec-2024	13-Jan-2025		OPME Excavator, 10000VA) env	EPD-08290	105	B	1	87%	-2	103	103	-100	-53	3	55	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
SI-Part 1B & 1C	Installation of Drainage System (Catch pit and Discharge pipe)	20-Dec-2024	13-Jan-2025	A	AI Blower (Electric)	--	95	A	1	100%	0	95	95	-100	-53	2	45	53
		20-Dec-2024	13-Jan-2025		Delldriller, hand-held (electric)	--	98	A	1	20%	-7	91	91	-100	-53	2	41	
		20-Dec-2024	13-Jan-2025		Lorry with crane 5.5 ton +PSGVW < 38 ton	--	105	A	1	13%	-5	100	100	-100	-53	3	50	
		20-Dec-2024	13-Jan-2025		Water pump, submersible (electric)	FMP 285	85	A	1	100%	-3	82	82	-100	-53	2	38	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	A	1	100%	0	92	92	-100	-53	2	40	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	A	1	100%	0	92	92	-100	-53	2	40	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	A	1	100%	0	92	92	-100	-53	2	40	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	A	1	100%	0	92	92	-100	-53	2	40	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	A	1	100%	0	92	92	-100	-53	2	40	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	A	1	100%	0	92	92	-100	-53	2	40	
SI-Part 1B & 1C	Installation of Drainage System (Catch pit and Discharge pipe)	20-Dec-2024	13-Jan-2025	B	Dump truck/ Grab lorry, 5.5 ton +PSGVW < 38 ton	--	105	B	1	13%	-5	100	100	-100	-53	3	50	54
		20-Dec-2024	13-Jan-2025		OPME Excavator, 10000VA) env	EPD-08290	105	B	1	87%	-2	103	103	-100	-53	3	55	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
SI-Part 1B & 1C	Installation of Drainage System (Catch pit and Discharge pipe)	20-Dec-2024	13-Jan-2025	A	AI Blower (Electric)	--	95	A	1	100%	0	95	95	-100	-53	2	45	53
		20-Dec-2024	13-Jan-2025		Delldriller, hand-held (electric)	--	98	A	1	20%	-7	91	91	-100	-53	2	41	
		20-Dec-2024	13-Jan-2025		Lorry with crane 5.5 ton +PSGVW < 38 ton	--	105	A	1	13%	-5	100	100	-100	-53	3	50	
		20-Dec-2024	13-Jan-2025		Water pump, submersible (electric)	FMP 285	85	A	1	100%	-3	82	82	-100	-53	2	38	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	A	1	100%	0	92	92	-100	-53	2	40	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	A	1	100%	0	92	92	-100	-53	2	40	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	A	1	100%	0	92	92	-100	-53	2	40	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	A	1	100%	0	92	92	-100	-53	2	40	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	A	1	100%	0	92	92	-100	-53	2	40	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	A	1	100%	0	92	92	-100	-53	2	40	
SI-Part 1B & 1C	Installation of Drainage System (Catch pit and Discharge pipe)	20-Dec-2024	13-Jan-2025	B	Dump truck/ Grab lorry, 5.5 ton +PSGVW < 38 ton	--	105	B	1	13%	-5	100	100	-100	-53	3	50	54
		20-Dec-2024	13-Jan-2025		OPME Excavator, 10000VA) env	EPD-08290	105	B	1	87%	-2	103	103	-100	-53	3	55	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
		20-Dec-2024	13-Jan-2025		OPME Generator, 5000VA) env	EPD-11107	92	B	1	100%	0	92	92	-100	-53	3	42	
SI-Part 1B & 1C	Installation of Drainage System (Catch pit and Discharge pipe)	20-Dec-2024	13-Jan-2025	A	AI Blower (Electric)	--	95	A	1	100%	0	95	95	-100	-53	2	45	53
		20-Dec-2024	13-Jan-2025		Delldriller, hand-held (electric)	--	98	A	1	20%	-7	91	91	-100	-53	2	41	
		20-Dec-2024	13-Jan-2025															

Worksheet	Activity Name	Start	Finish	Group	PME Information				PME Arrangement			On-Time Correction		Distance Correction		Facade Correction (mm)	Barrier Correction (mm)	Predicted Noise Level (dB(A))	Total Predicted Noise Level for each group (dB(A))
					PME	TM Ref. / other Ref.	Unit SWL (dB(A))	Group	Quantity	On-time %	Time Factor	Time Weighted SWL (dB(A))	Total SWL (dB(A))	Notional Distance (m)	Distance Attenuation (dB)				
SI-Pan-1D1F	Installation of Drainage System (Catch pit and Discharge pipe)	11-Nov-2025	05-Jan-2026	A	As Blower (Electric)	--	95	A	1	100%	0	95	300	0	2	38	47		
SI-Pan-1D1E		11-Nov-2025	05-Jan-2026		Refrigerator, hand-held (electric)	--	98	A	1	20%	-7	81	91	340	0	34			
SI-Pan-1D1E		11-Nov-2025	05-Jan-2026		Lorry with crane 5.5 ton (PGDVW < 38 ton)	--	105	A	1	50%	-3	92	92	300	0	35			
SI-Pan-1D1E		11-Nov-2025	05-Jan-2026		Jet-saw, hand-held, wood (electric)	--	99	A	1	40%	-1	86	86	300	0	33			
SI-Pan-1D1E		11-Nov-2025	05-Jan-2026		Cherry Picker, Scissor Lift	BS 5228-1:2009	95	A	1	50%	-3	92	92	300	0	35			
SI-Pan-1D1E		11-Nov-2025	05-Jan-2026		GPME Excavator, 10000kVA esp	EPD-06200	105	A	1	20%	-7	81	91	340	0	34			
SI-Pan-1D1E		11-Nov-2025	05-Jan-2026		GPME Generator, 9200kVA esp	EPD-11107	92	A	1	100%	0	92	92	300	0	31	10	25	
SI-Pan-1D1E		11-Nov-2025	05-Jan-2026		Concrete trowel mixer	CNP 044	109	B	1	10%	-10	99	99	300	0	3	42	47	
SI-Pan-1D1E		11-Nov-2025	05-Jan-2026		GPME Excavator, 10000kVA esp	EPD-06200	105	A	1	20%	-7	81	91	340	0	34			
SI-Pan-1D1E		11-Nov-2025	05-Jan-2026		Picker, vibrator, hand-held (electric)	EPD-06200	102	B	1	10%	-10	92	92	300	0	3	35		
SI-Pan-1D1E		11-Nov-2025	05-Jan-2026		GPME Excavator, 10000kVA esp	EPD-06200	105	A	1	20%	-7	81	91	340	0	34			
SI-Pan-1D1E		11-Nov-2025	05-Jan-2026		GPME Generator, 9200kVA esp	EPD-11107	92	A	1	100%	0	92	92	300	0	31	10	25	
SI-Pan-1D1E		11-Nov-2025	05-Jan-2026		GPME Excavator, 10000kVA esp	EPD-06200	105	A	1	20%	-7	81	91	340	0	34			
SI-Pan-1D1E		11-Nov-2025	05-Jan-2026		GPME Generator, 9200kVA esp	EPD-11107	92	A	1	100%	0	92	92	300	0	31	10	25	
SI-Pan-1D1E		11-Nov-2025	05-Jan-2026		GPME Excavator, 10000kVA esp	EPD-06200	105	A	1	20%	-7	81	91	340	0	34			
SI-Pan-1D1E		11-Nov-2025	05-Jan-2026		GPME Generator, 9200kVA esp	EPD-11107	92	A	1	100%	0	92	92	300	0	31	10	25	
SI-Pan-1D1E		11-Nov-2025	05-Jan-2026		GPME Excavator, 10000kVA esp	EPD-06200	105	A	1	20%	-7	81	91	340	0	34			
SI-Pan-1D1E		11-Nov-2025	05-Jan-2026		GPME Generator, 9200kVA esp	EPD-11107	92	A	1	100%	0	92	92	300	0	31	10	25	
SI-Pan-1D1E		11-Nov-2025	05-Jan-2026		GPME Excavator, 10000kVA esp	EPD-06200	105	A	1	20%	-7	81	91	340	0	34			
SI-Pan-1D1E		11-Nov-2025	05-Jan-2026		GPME Generator, 9200kVA esp	EPD-11107	92	A	1	100%	0	92	92	300	0	31	10	25	
SI-Pan-1D1E		11-Nov-2025	05-Jan-2026		GPME Excavator, 10000kVA esp	EPD-06200	105	A	1	20%	-7	81	91	340	0	34			
SI-Pan-1D1E		11-Nov-2025	05-Jan-2026		GPME Generator, 9200kVA esp	EPD-11107	92	A	1	100%	0	92	92	300	0	31	10	25	
SI-Pan-1D1E		11-Nov-2025	05-Jan-2026		GPME Excavator, 10000kVA esp	EPD-06200	105	A	1	20%	-7	81	91	340	0	34			
SI-Pan-1D1E		11-Nov-2025	05-Jan-2026		GPME Generator, 9200kVA esp	EPD-11107	92	A	1	100%	0	92	92	300	0	31	10	25	
SI-Pan-1D1E		11-Nov-2025	05-Jan-2026		GPME Excavator, 10000kVA esp	EPD-06200	105	A	1										

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May Notice 1 v (RPA)

Construction Noise Assessment

Contract No.:	HY/2023/08
Contract Name:	Central Kitchen Breda - Remaining Works
Contractor:	Rudi Kinn - Tinn Lee Joint Venture

Period:
NCR ID (CNMMD):
NCR ID (FIA Ref):
NCR Name:
Scenario:

0700 - 1900 (except unusual holidays)

1

W-N1A

油蔴地天主教小學(海濱道)

Mitigation Measures Scenario

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100

	Activity Name	Start	Finish	Group	PME	TM Ref. / other Ref.	Unit SWL (dB(A))	PME Arrangement	Group	Quantity	On-time %	Time Factor	Time Weighted SWL (dB(A))	Total SWL (dB(A))	Distance Correction (m)	Notional Distance (m)	Facade Attenuation (dB(A))	Facade Correction (dB(A))	Barrier Correction (dB(A))	Predicted Noise Level (dB(A))	Total Predicted Noise Level for each group (dB(A))	
S2-Part 2B-2C	Lighting Installation, Power and CCTV System Installation	12-Mar-2026	20-Apr-2026	A	OPME Generator, 90dB(A) eqv	EPC-11107	92	A	1	100%	0	92	92	710	-65	2	-30	20		30		
		S2-Part 2B-2C-1	12-Mar-2026	20-Apr-2026		Air Blower (Electric)	--	85	A	1	100%	0	85	95	710	-65	2	-30	20		23	
		S2-Part 2B-2C-2	12-Mar-2026	20-Apr-2026		DeWanderer, hand-held (electric)	--	88	A	1	100%	-3	85	98	710	-65	2	-30	18		19	
		C3-Barr 5A-3B-2-1	12-Mar-2026	20-Apr-2026		In-use, hand-held, wood (electric)	--	86	A	1	60%	-3	86	96	710	-65	2	-30	24		24	
		C3-Barr 5B-2-1	12-Mar-2026	20-Apr-2026		Chemex Rickard Science LAB	BS 6228-1:2009	85	A	1	60%	-3	82	92	710	-65	2	-30	25		25	
		C3-Barr 5B-2-2	12-Mar-2026	20-Apr-2026			--	88	A	1	100%	0	88	98	710	-65	2	-30	20		20	
		S2-Part 2B-2C-3	12-Mar-2026	20-Apr-2026			--	88	A	1	100%	0	88	98	710	-65	2	-30	20		20	
		S2-Part 2B-2C-4	12-Mar-2026	20-Apr-2026			--	88	A	1	100%	0	88	98	710	-65	2	-30	20		20	
		S2-Part 2B-2C-5	12-Mar-2026	20-Apr-2026			--	88	A	1	100%	0	88	98	710	-65	2	-30	20		20	
		S2-Part 2B-2C-6	12-Mar-2026	20-Apr-2026			--	88	A	1	100%	0	88	98	710	-65	2	-30	20		20	
	Bench, Rubbish Bin and Signage Installation	12-Mar-2026	27-Apr-2026	A	Lorry, with crane & 5.5 ton ePQSW < 38 ton	--	105	A	1	33%	-5	100	100	710	-65	3	-5	13		34		
		S2-Part 2B-2C-7	12-Mar-2026	27-Apr-2026		OPME Generator, 90dB(A) eqv	EPC-11107	92	A	1	100%	0	92	92	710	-65	3	-10	20		20	
		S2-Part 2B-2C-8	12-Mar-2026	27-Apr-2026		Welding Machine	--	100	A	1	50%	-3	97	97	710	-65	3	-10	25		25	
		S2-Part 2B-2C-9	12-Mar-2026	27-Apr-2026			--	88	A	1	100%	0	88	98	710	-65	3	-10	20		20	
		S2-Part 2B-2C-10	12-Mar-2026	27-Apr-2026			--	88	A	1	100%	0	88	98	710	-65	3	-10	20		20	
		S2-Part 2B-2C-11	12-Mar-2026	27-Apr-2026			--	88	A	1	100%	0	88	98	710	-65	3	-10	20		20	
		S2-Part 2B-2C-12	12-Mar-2026	27-Apr-2026			--	88	A	1	100%	0	88	98	710	-65	3	-10	20		20	
		S2-Part 2B-2C-13	12-Mar-2026	27-Apr-2026			--	88	A	1	100%	0	88	98	710	-65	3	-10	20		20	
		S2-Part 2B-2C-14	12-Mar-2026	27-Apr-2026			--	88	A	1	100%	0	88	98	710	-65	3	-10	20		20	
		S2-Part 2B-2C-15	12-Mar-2026	27-Apr-2026			--	88	A	1	100%	0	88	98	710	-65	3	-10	20		20	
	Shrub Planting	12-Mar-2026	27-Apr-2026	A	Lorry, with crane & 5.5 ton ePQSW < 38 ton	--	105	A	1	33%	-5	100	100	710	-65	3	-5	13		34		
		S2-Part 2B-2C-16	12-Mar-2026	27-Apr-2026			--	88	A	1	100%	0	88	98	710	-65	3	-10	20		20	
		S2-Part 2B-2C-17	12-Mar-2026	27-Apr-2026			--	88	A	1	100%	0	88	98	710	-65	3	-10	20		20	
		S2-Part 2B-2C-18	12-Mar-2026	27-Apr-2026			--	88	A	1	100%	0	88	98	710	-65	3	-10	20		20	
		S2-Part 2B-2C-19	12-Mar-2026	27-Apr-2026			--	88	A	1	100%	0	88	98	710	-65	3	-10	20		20	
		S2-Part 2B-2C-20	12-Mar-2026	27-Apr-2026			--	88	A	1	100%	0	88	98	710	-65	3	-10	20		20	
		S2-Part 2B-2C-21	12-Mar-2026	27-Apr-2026			--	88	A	1	100%	0	88	98	710	-65	3	-10	20		20	
		S2-Part 2B-2C-22	12-Mar-2026	27-Apr-2026			--	88	A	1	100%	0	88	98	710	-65	3	-10	20		20	
		S2-Part 2B-2C-23	12-Mar-2026	27-Apr-2026			--	88	A	1	100%	0	88	98	710	-65	3	-10	20		20	
		S2-Part 2B-2C-24	12-Mar-2026	27-Apr-2026			--	88	A	1	100%	0	88	98	710	-65	3	-10	20		20	
	Fence and Gate Installation	12-Mar-2026	27-Apr-2026	A	Lorry, with crane & 5.5 ton ePQSW < 38 ton	--	105	A	1	33%	-5	100	100	710	-65	3	-5	13		34		
		S2-Part 2B-2C-25	12-Mar-2026	27-Apr-2026		Chemex Rickard Science LAB	BS 6228-1:2009	85	A	1	60%	-3	82	92	710	-65	3	-30	25		25	
		S2-Part 2B-2C-26	12-Mar-2026	27-Apr-2026		DeWanderer, hand-held (electric)	--	88	A	1	100%	-3	85	98	710	-65	3	-30	18		19	
		S2-Part 2B-2C-27	12-Mar-2026	27-Apr-2026		OPME Generator, 90dB(A) eqv	EPC-11107	92	A	1	100%	0	92	92	710	-65	3	-10	20		20	
		S2-Part 2B-2C-28	12-Mar-2026	27-Apr-2026		Welding Machine	--	100	A	1	50%	-3	97	97	710	-65	3	-10	25		25	
		S2-Part 2B-2C-29	12-Mar-2026	27-Apr-2026			--	88	A	1	100%	0	88	98	710	-65	3	-10	20		20	
		S2-Part 2B-2C-30	12-Mar-2026	27-Apr-2026			--	88	A	1	100%	0	88	98	710	-65	3	-10	20		20	
		S2-Part 2B-2C-31	12-Mar-2026	27-Apr-2026			--	88	A	1	100%	0	88	98	710	-65	3	-10	20		20	
		S2-Part 2B-2C-32	12-Mar-2026	27-Apr-2026			--	88	A	1	100%	0	88	98	710	-65	3	-10	20		20	
		S2-Part 2B-2C-33	12-Mar-2026	27-Apr-2026			--	88	A	1	100%	0	88	98	710	-65	3	-10	20		20	
	Site preparation, hoarding installation, temporary fence, carry out survey, mobilization of plants at Parts 3	12-Mar-2026	18-Jun-2026	A	Air Blower (Electric)	--	85	A	1	100%	0	85	95	300	-58	3	-40	20		40		
		S3-Part 3A-3B-2C-1	12-Mar-2026	18-Jun-2026		DeWanderer, hand-held (electric)	--	88	A	1	100%	-3	85	98	300	-58	3	-40	18		19	
		S3-Part 3A-3B-2C-2	12-Mar-2026	18-Jun-2026		Chemex Rickard Science LAB	BS 6228-1:2009	85	A	1	60%	-3	82	92	300	-58	3	-30	25		25	
		S3-Part 3A-3B-2C-3	12-Mar-2026	18-Jun-2026		Lorry, with crane & 5.5 ton ePQSW < 38 ton	--	105	A	1	33%	-5	100	100	300	-58	3	-5	13		34	
		S3-Part 3A-3B-2C-4	12-Mar-2026	18-Jun-2026		Water pump, submersible (electric)	CNE 283	85	A	1	100%	-7	78	78	300	-58	3	-40	20		23	
		S3-Part 3A-3B-2C-5	12-Mar-2026	18-Jun-2026		OPME Generator, 90dB(A) eqv	EPC-11107	92	A	1	100%	0	92	92	300	-58	3	-10	20		20	
		S3-Part 3A-3B-2C-6	12-Mar-2026	18-Jun-2026		Welding Machine	--	100	A	1	50%	-3	97	97	300	-58	3	-10	25		25	
		S3-Part 3A-3B-2C-7	12-Mar-2026	18-Jun-2026			--	88	A	1	100%	0	88	98	300	-58	3	-10	20		20	
		S3-Part 3A-3B-2C-8	12-Mar-2026	18-Jun-2026			--	88	A	1	100%	0	88	98	300	-58	3	-10	20		20	
		S3-Part 3A-3B-2C-9	12-Mar-2026	18-Jun-2026			--	88	A	1	100%	0	88	98	300	-58	3	-10	20		20	
	Site Formation	12-Mar-2026	18-Jun-2026	B	Dump truck/ Gravel lorry, 5.5 ton ePQSW < 38 ton	--	105	A	1	33%	-5	100	100	300	-58	3	-5	13		46		
		S3-Part 3A-3B-2C-10	12-Mar-2026	18-Jun-2026		OPME Excavator, 100dB(A) eqv	EPC-06260	105	B	1	67%	-2	103	103	300	-58	3	-10	20		46	
		S3-Part 3A-3B-2C-11	12-Mar-2026	18-Jun-2026			--	88	B	1	100%	0	88	98	300	-58	3	-10	20		20	
		S3-Part 3A-3B-2C-12	12-Mar-2026	18-Jun-2026			--	88	B	1	100%	0	88	98	300	-58	3	-10	20		20	
		S3-Part 3A-3B-2C-13	12-Mar-2026	18-Jun-2026			--	88	B	1	100%	0	88	98	300	-58	3	-10	20		20	
		S3-Part 3A-3B-2C-14	12-Mar-2026	18-Jun-2026			--	88	B	1	100%	0	88	98	300	-58	3	-10	20		20	
		S3-Part 3A-3B-2C-15	12-Mar-2026	18-Jun-2026			--	88	B	1	100%	0	88	98	300	-58	3	-10	20		20	
		S3-Part 3A-3B-2C-16	12-Mar-2026	18-Jun-2026			--	88	B	1	100%	0	88	98	300	-58	3	-10	20		20	
		S3-Part 3A-3B-2C-17	12-Mar-2026	18-Jun-2026			--	88	B	1	100%	0	88	98	300	-58	3	-10	20		20	
		S3-Part 3A-3B-2C-18	12-Mar-2026	18-Jun-2026			--	88	B	1	100%	0	88	98	300	-58	3	-10	20		20	
	Site Formation	12-Mar-2026	18-Jun-2026	A	Dump truck/ Gravel lorry, 5.5 ton ePQSW < 38 ton	--	105	A	1	33%	-5	100	100	300	-58	3	-5	13		46		
		S3-Part 3A-3B-2C-19	12-Mar-2026	18-Jun-2026		OPME Excavator, 100dB(A) eqv	EPC-06260	105	A	1	67%	-2	103	103	300	-58	3	-10	20		46	
		S3-Part 3A-3B-2C-20	12-Mar-2026	18-Jun-2026			--	88	A	1	100%	0	88	98	300	-58	3	-10	20		20	
		S3-Part 3A-3B-2C-21	12-Mar-2026	18-Jun-2026			--	88	A	1	100%	0	88	98	300	-58	3	-10	20		20	
		S3-Part 3A-3B-2C-22	12-Mar-2026	18-Jun-2026			--	88	A	1	100%	0	88	98	300	-58	3	-10	20		20	
		S3-Part 3A-3B-2C-23	12-Mar-2026	18-Jun-2026			--	88	A	1	100%	0	88	98	300	-58	3	-10	20		20	
		S3-Part 3A-3B-2C-24	12-Mar-2026	18-Jun-2026			--	88	A	1	100%	0	88	98	300	-58	3	-10	20		20	
		S3-Part 3A-3B-2C-25	12-Mar-2026	18-Jun-2026			--	88	A	1	100%	0	88	98	300	-58	3	-10	20		20	
		S3-Part 3A-3B-2C-26	12-Mar-2026	18-Jun-2026			--	88	A	1	100%	0	88	98	300	-58	3	-10	20		20	
		S3-Part 3A-3B-2C-27	12-Mar-2026	18-Jun-2026			--	88	A	1	100%	0	88	98	300	-58	3	-10	20		20	
	Installation of Drainage System (Catch pit and Discharge pipe)	12-Mar-2026	18-Jun-2026	A	Air Blower (Electric)	--	85	A	1	100%	0	85	95	300	-58	3	-40	20		40		
		S3-Part 3A-3B-2C-28	12-Mar-2026	18-Jun-2026		DeWanderer, hand-held (electric)	--	88	A	1	100%	-3	85	98	300	-58	3	-40	18		19	
		S3-Part 3A-3B-2C-29	12-Mar-2026	18-Jun-2026		Lorry, with crane & 5.5 ton ePQSW < 38 ton	--	105	A	1	33%	-5	100	100	300	-58	3	-5	13		34	
		S3-Part 3A-3B-2C-30	12-Mar-2026	18-Jun-2026		In-use, hand-held, wood (electric)	--	86	A	1	60%	-3	86	96	300	-58	3	-30	24		24	
		S3-Part 3A-3B-2C-31	12-Mar-2026	18-Jun-2026		Chemex Rickard Science LAB	BS															

[illegible]

Worksite	Activity Name	Start	Finish	Group	PME	PME Information		TM Ref. / other Ref.	Unit SWL (dB(A))	PME Arrangement		On-time %	On-Time Correction		Distance Correction		Facade Correction (dB(A))	Barrier Correction (dB(A))	Predicted Noise Level (dB(A))	Total Predicted Noise Level for each group (dB(A))
						PMI	Quantity			Time Factor	Time Weighted SWL		Nominal Distance	Distance Attenuation (dB(A))						
50.Pant 3A-3B-3C	Paving Works	30-Jul-2026	12-Aug-2026	A	CEMIE Mobile Crane 10500(A) ssw	EPD 08156	105	A	1	33%	-5	99	99	300	-58	0	0	46	48	
		30-Jul-2026	12-Aug-2026		Forklift	EPD 11107	92	A	1	100%	0	92	92	300	-58	0	45			
		30-Jul-2026	12-Aug-2026		CEMIE Generator 9200(A) ssw	-	92	A	1	100%	0	92	92	300	-58	10	27			
		30-Jul-2026	12-Aug-2026		CEMIE Generator 9200(A) ssw	-	92	A	1	100%	0	92	92	300	-58	0	45			
		30-Jul-2026	12-Aug-2026		Good mixer	-	90	A	1	33%	-5	85	85	300	-58	0	31			
		30-Jul-2026	12-Aug-2026	B	Lorry with crane 5.5 ton (PGVW < 38 ton)	-	105	B	1	33%	-5	100	100	300	-58	0	46	48		
		30-Jul-2026	12-Aug-2026		CEMIE Generator 9200(A) ssw	EPD 11107	92	A	1	100%	0	92	92	300	-58	10	27			
		30-Jul-2026	12-Aug-2026		CEMIE Generator 9200(A) ssw	-	92	A	1	100%	0	92	92	300	-58	0	45			
		30-Jul-2026	12-Aug-2026		Good mixer	-	90	A	1	33%	-5	85	85	300	-58	0	31			
		30-Jul-2026	12-Aug-2026		Good mixer	-	90	A	1	33%	-5	85	85	300	-58	0	31			
		30-Jul-2026	12-Aug-2026	A	CEMIE Generator 9200(A) ssw	EPD 11107	92	A	1	100%	0	92	92	300	-58	0	10	27	46	
		30-Jul-2026	12-Aug-2026		CEMIE Generator 9200(A) ssw	-	92	A	1	100%	0	92	92	300	-58	0	45			
		30-Jul-2026	12-Aug-2026		Delivermore hand-held (electric)	-	98	A	1	20%	-7	94	94	300	-58	0	46			
		30-Jul-2026	12-Aug-2026		Delivermore hand-held (electric)	-	98	A	1	20%	-7	94	94	300	-58	0	46			
		30-Jul-2026	12-Aug-2026		Delivermore hand-held (electric)	-	98	A	1	20%	-7	94	94	300	-58	0	46			
30-Jul-2026	12-Aug-2026	A	CEMIE Generator 9200(A) ssw	EPD 11107	92	A	1	100%	0	92	92	300	-58	0	10	27	46			
30-Jul-2026	12-Aug-2026		CEMIE Generator 9200(A) ssw	-	92	A	1	100%	0	92	92	300	-58	0	45					
30-Jul-2026	12-Aug-2026		Delivermore hand-held (electric)	-	98	A	1	20%	-7	94	94	300	-58	0	46					
30-Jul-2026	12-Aug-2026		Delivermore hand-held (electric)	-	98	A	1	20%	-7	94	94	300	-58	0	46					
30-Jul-2026	12-Aug-2026		Delivermore hand-held (electric)	-	98	A	1	20%	-7	94	94	300	-58	0	46					
30-Jul-2026	12-Aug-2026	A	Lorry with crane 5.5 ton (PGVW < 38 ton)	-	105	A	1	33%	-5	100	100	300	-58	0	46	48				
30-Jul-2026	12-Aug-2026		CEMIE Generator 9200(A) ssw	EPD 11107	92	A	1	100%	0	92	92	300	-58	10	27					
30-Jul-2026	12-Aug-2026		CEMIE Generator 9200(A) ssw	-	92	A	1	100%	0	92	92	300	-58	0	45					
30-Jul-2026	12-Aug-2026		Good mixer	-	90	A	1	33%	-5	85	85	300	-58	0	31					
30-Jul-2026	12-Aug-2026		Good mixer	-	90	A	1	33%	-5	85	85	300	-58	0	31					
30-Jul-2026	12-Aug-2026	A	CEMIE Generator 9200(A) ssw	EPD 11107	92	A	1	100%	0	92	92	300	-58	0	10	27	46			
30-Jul-2026	12-Aug-2026		CEMIE Generator 9200(A) ssw	-	92	A	1	100%	0	92	92	300	-58	0	45					
30-Jul-2026	12-Aug-2026		Delivermore hand-held (electric)	-	98	A	1	20%	-7	94	94	300	-58	0	46					
30-Jul-2026	12-Aug-2026		Delivermore hand-held (electric)	-	98	A	1	20%	-7	94	94	300	-58	0	46					
30-Jul-2026	12-Aug-2026		Delivermore hand-held (electric)	-	98	A	1	20%	-7	94	94	300	-58	0	46					
30-Jul-2026	12-Aug-2026	A	Lorry with crane 5.5 ton (PGVW < 38 ton)	-	105	A	1	33%	-5	100	100	300	-58	0	46	48				
30-Jul-2026	12-Aug-2026		CEMIE Generator 9200(A) ssw	EPD 11107	92	A	1	100%	0	92	92	300	-58	10	27					
30-Jul-2026	12-Aug-2026		CEMIE Generator 9200(A) ssw	-	92	A	1	100%	0	92	92	300	-58	0	45					
30-Jul-2026	12-Aug-2026		Good mixer	-	90	A	1	33%	-5	85	85	300	-58	0	31					
30-Jul-2026	12-Aug-2026		Good mixer	-	90	A	1	33%	-5	85	85	300	-58	0	31					
30-Jul-2026	12-Aug-2026	A	CEMIE Generator 9200(A) ssw	EPD 11107	92	A	1	100%	0	92	92	300	-58	0	10	27	46			
30-Jul-2026	12-Aug-2026		CEMIE Generator 9200(A) ssw	-	92	A	1	100%	0	92	92	300	-58	0	45					
30-Jul-2026	12-Aug-2026		Delivermore hand-held (electric)	-	98	A	1	20%	-7	94	94	300	-58	0	46					
30-Jul-2026	12-Aug-2026		Delivermore hand-held (electric)	-	98	A	1	20%	-7	94	94	300	-58	0	46					
30-Jul-2026	12-Aug-2026		Delivermore hand-held (electric)	-	98	A	1	20%	-7	94	94	300	-58	0	46					
30-Jul-2026	12-Aug-2026	A	Lorry with crane 5.5 ton (PGVW < 38 ton)	-	105	A	1	33%	-5	100	100	300	-58	0	46	48				
30-Jul-2026	12-Aug-2026		CEMIE Generator 9200(A) ssw	EPD 11107	92	A	1	100%	0	92	92	300	-58	10	27					
30-Jul-2026	12-Aug-2026		CEMIE Generator 9200(A) ssw	-	92	A	1	100%	0	92	92	300	-58	0	45					
30-Jul-2026	12-Aug-2026		Good mixer	-	90	A	1	33%	-5	85	85	300	-58	0	31					
30-Jul-2026	12-Aug-2026		Good mixer	-	90	A	1	33%	-5	85	85	300	-58	0	31					
30-Jul-2026	12-Aug-2026	A	CEMIE Generator 9200(A) ssw	EPD 11107	92	A	1	100%	0	92	92	300	-58	0	10	27	46			
30-Jul-2026	12-Aug-2026		CEMIE Generator 9200(A) ssw	-	92	A	1	100%	0	92	92	300	-58	0	45					
30-Jul-2026	12-Aug-2026		Delivermore hand-held (electric)	-	98	A	1	20%	-7	94	94	300	-58	0	46					
30-Jul-2026	12-Aug-2026		Delivermore hand-held (electric)	-	98	A	1	20%	-7	94	94	300	-58	0	46					
30-Jul-2026	12-Aug-2026		Delivermore hand-held (electric)	-	98	A	1	20%	-7	94	94	300	-58	0	46					
30-Jul-2026	12-Aug-2026	A	Lorry with crane 5.5 ton (PGVW < 38 ton)	-	105	A	1	33%	-5	100	100	300	-58	0	46	48				
30-Jul-2026	12-Aug-2026		CEMIE Generator 9200(A) ssw	EPD 11107	92	A	1	100%	0	92	92	300	-58	10	27					
30-Jul-2026	12-Aug-2026		CEMIE Generator 9200(A) ssw	-	92	A	1	100%	0	92	92	300	-58	0	45					
30-Jul-2026	12-Aug-2026		Good mixer	-	90	A	1	33%	-5	85	85	300	-58	0	31					
30-Jul-2026	12-Aug-2026		Good mixer	-	90	A	1	33%	-5	85	85	300	-58	0	31					
30-Jul-2026	12-Aug-2026	A	CEMIE Generator 9200(A) ssw	EPD 11107	92	A	1	100%	0	92	92	300	-58	0	10	27	46			
30-Jul-2026	12-Aug-2026		CEMIE Generator 9200(A) ssw	-	92	A	1	100%	0	92	92	300	-58	0	45					
30-Jul-2026	12-Aug-2026		Delivermore hand-held (electric)	-	98	A	1	20%	-7	94	94	300	-58	0	46					
30-Jul-2026	12-Aug-2026		Delivermore hand-held (electric)	-	98	A	1	20%	-7	94	94	300	-58	0	46					
30-Jul-2026	12-Aug-2026		Delivermore hand-held (electric)	-	98	A	1	20%	-7	94	94	300	-58	0	46					
30-Jul-2026	12-Aug-2026	A	Lorry with crane 5.5 ton (PGVW < 38 ton)	-	105	A	1	33%	-5	100	100	300	-58	0	46	48				
30-Jul-2026	12-Aug-2026		CEMIE Generator 9200(A) ssw	EPD 11107	92	A	1	100%	0	92	92	300	-58	10	27					
30-Jul-2026	12-Aug-2026		CEMIE Generator 9200(A) ssw	-	92	A	1	100%	0	92	92	300	-58	0	45					
30-Jul-2026	12-Aug-2026		Good mixer	-	90	A	1	33%	-5	85	85	300	-58	0	31					
30-Jul-2026	12-Aug-2026		Good mixer	-	90	A	1	33%	-5	85	85	300	-58	0	31					
30-Jul-2026	12-Aug-2026	A	CEMIE Generator 9200(A) ssw	EPD 11107	92	A	1	100%	0	92	92	300	-58	0	10	27	46			
30-Jul-2026	12-Aug-2026		CEMIE Generator 9200(A) ssw	-	92	A	1	100%	0	92	92	300	-58	0	45					
30-Jul-2026	12-Aug-2026		Delivermore hand-held (electric)	-	98	A	1	20%	-7	94	94	300	-58	0	46					
30-Jul-2026	12-Aug-2026		Delivermore hand-held (electric)	-	98	A	1	20%	-7	94	94	300	-58	0	46					
30-Jul-2026	12-Aug-2026		Delivermore hand-held (electric)	-	98	A	1	20%	-7	94	94	300	-58	0	46					
30-Jul-2026	12-Aug-2026	A	Lorry with crane 5.5 ton (PGVW < 38 ton)	-	105	A	1	33%	-5	100	100	300	-58	0	46	48				
30-Jul-2026	12-Aug-2026		CEMIE Generator 9200(A) ssw	EPD 11107	92	A	1	100%	0	92	92	300	-58	10	27					
30-Jul-2026	12-Aug-2026		CEMIE Generator 9200(A) ssw	-	92	A	1	100%	0	92	92	300	-58	0	45					
30-Jul-2026	12-Aug-2026		Good mixer	-	90	A	1	33%	-5	85	85	300	-58	0	31					
30-Jul-2026	12-Aug-2026		Good mixer	-	90	A	1	33%	-5	85	85	300	-58	0	31					
30-Jul-2026	12-Aug-2026	A	CEMIE Generator 9200(A) ssw	EPD 11107	92	A	1	100%	0	92	92	300	-58	0	10	27	46			
30-Jul-2026	12-Aug-2026		CEMIE Generator 9200(A) ssw	-	92	A	1	100%	0	92	92	300	-58	0	45					
30-Jul-2026	12-Aug-2026		Delivermore hand-held (electric)	-	98	A	1	20%	-7	94	94	300	-58	0	46					
30-Jul-2026	12-Aug-2026		Delivermore hand-held (electric)	-	98	A	1	20%	-7	94	94	300	-58	0	46					
30-Jul-2026	12-Aug-2026		Delivermore hand-held (electric)	-	98	A	1	20%	-7	94	94	300	-58	0	46					
30-Jul-2026	12-Aug-2026	A	Lorry with crane 5.5 ton (PGVW < 38 ton)	-	105	A	1	33%	-5	100	100	300	-58	0	46	48				
30-Jul-2026	12-Aug-2026		CEMIE Generator 9200(A) ssw	EPD 11107	92	A	1	100%	0	92	92	300	-58	10	27					
30-Jul-2026	12-Aug-2026		CEMIE Generator 9200(A) ssw	-	92	A	1	100%	0	92	92	300	-58	0	45					
30-Jul-2026	12-Aug-2026		Good mixer	-	90	A	1	33%	-5	85	85	300	-58	0	31					
30-Jul-2026	12-Aug-2026		Good mixer	-	90	A	1	33%	-5	85	85	300	-58	0	31					
30-Jul-2026	12-Aug-2026	A	CEMIE Generator 9200(A) ssw	EPD 11107	92	A	1	100%	0	92	92	300	-58	0	10	27	46			
30-Jul-2026	12-Aug-2026		CEMIE Generator 9200(A) ssw	-	92	A	1	100%	0	92	92	300	-58	0	45					
30-Jul-2026	12-Aug-2026		Delivermore hand-held (electric)	-	98	A	1	20%	-7	94	94	300	-58	0	46					
30-Jul-2026	12-Aug-2026		Delivermore hand-held (electric)	-	98	A	1	20%	-7	94	94	300	-58	0	46					
30-Jul-2026	12-Aug-2026		Delivermore hand-held (electric)	-	98	A	1	20%	-7	94	94	300	-58	0	46					
30-Jul-2026	12-Aug-2026	A	Lorry with crane 5.5 ton (PGVW < 38 ton)	-	105	A	1	33%	-5	100	100	300	-58	0	46	48				
30-Jul-2026	12-Aug-2026		CEMIE Generator 9200(A) ssw	EPD 11107	92	A	1	100%	0	92	92	300	-58	10	27					
30-Jul-2026	12-Aug-2026		CEMIE Generator 9200(A) ssw	-	92	A	1	100%	0	92	92	300	-58	0	45					

May Notice 1 v. (AP/AT)

Construction Noise Assessment

Contract No.:	HP/2023/08
Contract Name:	Central Kitchen Reale - Remission Works
Contractor:	BUILD KIN - TUNN I AM Joint Venture

Period:
NCR ID (CNMMP):
NCR ID (FLA Ref):
NCR Name:

0700 - 1900 (except general holidays)

W-N1A
油蔴地天主教小學(海濱道)
Mitigation Measures Scenario

May Notice 1 v. (AP/AY)

Worksheet	Activity Name	Start	Finish	Group	PME	PME Information		PME Arrangement		On Time Correction		Distance Correction		Facade Correction		Barrier Correction		Predicted Noise Level (dB(A))	Total Predicted Noise Level for each group (dB(A))	
						TM Ref. / other Ref.	Unit SWL (dB(A))	Group	Quantity	On-time %	Time Factor	Time Weighted SWL (dB(A))	Total SWL (dB(A))	Notional Distance (m)	Distance Attenuation (dB(A))	Correction (dB(A))	Correction (dB(A))			
	SL-Pan 7 (R1)	Columns & Wall Construction (Ground to 1st Floor)	01-Dec-2025	07-Jan-2026	A	CPME Generator: 920BA/say	EPD-11107	92	A	1	100%	0	92	92	0.0	0.0	3	30	20	36
	SL-Pan 7 (R1)		01-Dec-2025	07-Jan-2026		Saw, circular, wood	CNP-044	108	A	1	92%	-3	103	103	0.0	0.0	3	30	32	
	SL-Pan 7 (R1)		01-Dec-2025	07-Jan-2026		As-saw, hand-held, wood (electric)	-	99	A	1	92%	-3	96	96	0.0	0.0	3	30	24	
	SL-Pan 7 (R1)		01-Dec-2025	07-Jan-2026		CPME Mobile Crane: 1050BA/say	EPD-08156	105	A	1	93%	-2	103	103	0.0	0.0	3	30	34	
	SL-Pan 7 (R1)		01-Dec-2025	07-Jan-2026					A						0.0	0.0	3			
	SL-Pan 7 (R1)		01-Dec-2025	07-Jan-2026					A						0.0	0.0	3			
	SL-Pan 7 (R1)		01-Dec-2025	07-Jan-2026					A						0.0	0.0	3			
	SL-Pan 7 (R1)		01-Dec-2025	07-Jan-2026					A						0.0	0.0	3			
	SL-Pan 7 (R1)		01-Dec-2025	07-Jan-2026					A						0.0	0.0	3			
	SL-Pan 7 (R1)		01-Dec-2025	07-Jan-2026					A						0.0	0.0	3			
	SL-Pan 7 (R1)		01-Dec-2025	07-Jan-2026	B	CPME Generator: 920BA/say	EPD-11107	92	B	1	100%	0	92	92	0.0	0.0	3	30	20	34
	SL-Pan 7 (R1)		01-Dec-2025	07-Jan-2026		Bar tender and cutter (electric)	CNP-021	90	B	1	93%	-5	85	85	0.0	0.0	3	30	14	
	SL-Pan 7 (R1)		01-Dec-2025	07-Jan-2026		CPME Mobile Crane: 1050BA/say	EPD-08156	105	B	1	93%	-5	100	100	0.0	0.0	3	30	34	
	SL-Pan 7 (R1)		01-Dec-2025	07-Jan-2026					B						0.0	0.0	3			
	SL-Pan 7 (R1)		01-Dec-2025	07-Jan-2026					B						0.0	0.0	3			
	SL-Pan 7 (R1)		01-Dec-2025	07-Jan-2026					B						0.0	0.0	3			
	SL-Pan 7 (R1)		01-Dec-2025	07-Jan-2026					B						0.0	0.0	3			
	SL-Pan 7 (R1)		01-Dec-2025	07-Jan-2026					B						0.0	0.0	3			
	SL-Pan 7 (R1)		01-Dec-2025	07-Jan-2026					B						0.0	0.0	3			
	SL-Pan 7 (R1)		01-Dec-2025	07-Jan-2026					B						0.0	0.0	3			
	SL-Pan 7 (R1)		01-Dec-2025	07-Jan-2026	C	CPME Generator: 920BA/say	EPD-11107	92	C	1	100%	0	92	92	0.0	0.0	3	30	20	43
	SL-Pan 7 (R1)		01-Dec-2025	07-Jan-2026		Concrete lorry mixer	CNP-044	109	C	1	92%	-3	106	106	0.0	0.0	3	30	34	
	SL-Pan 7 (R1)		01-Dec-2025	07-Jan-2026		Concrete pump, stationary/lorry mounted	CNP-047	109	C	1	92%	-3	106	106	0.0	0.0	3	30	34	
	SL-Pan 7 (R1)		01-Dec-2025	07-Jan-2026		Pulver, vibratory, hand-held (electric)	CNP-047	102	C	1	87%	-2	100	100	0.0	0.0	3	30	29	
	SL-Pan 7 (R1)		01-Dec-2025	07-Jan-2026					C						0.0	0.0	3			
	SL-Pan 7 (R1)		01-Dec-2025	07-Jan-2026					C						0.0	0.0	3			
	SL-Pan 7 (R1)		01-Dec-2025	07-Jan-2026					C						0.0	0.0	3			
	SL-Pan 7 (R1)</																			



Appendix 3.1	-	Detailed Construction Noise Assessment 3.1.2 - W-P11 The Coronation Tower 1 御金國峰 1 座
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Work Item	Activity Name	Start	Finish	Group	PME	PME Information	TIR Ref. / other Ref.	Unit	PME Arrangement	Group	Quantity	On-site %	On-Time Correction		Total SWL (dB(A))	Distance Correction		Facade Correction (dB(A))	Barrier Correction (dB(A))	Predicted Noise Level (dB(A))	Total Predicted Noise Level for each Group (dB(A))
													Time Factor	Time Weighted SWL (dB(A))		Notional Distance (m)	Distance Attenuation (dB)				
SI-Plant 1A	SI-Plant 1A	Site preparation, installation, temporary fence, carry out survey, mobilization of plants at Ports 1A	20-Aug-2024	24-Sep-2024	A	Air Blower (Electric)	--	95	A	1	100%	0	95	95	95	0	-4	54		63	
	SI-Plant 1A		20-Aug-2024	24-Sep-2024		Drill/overdrill, hand-held (electric)	--	98	A	1	20%	-7	91	91	90	-61	3	50			
	SI-Plant 1A		20-Aug-2024	24-Sep-2024		Cherry Picker, Scissor Lift	BS S228-1-2009	95	A	1	20%	-7	91	91	90	-61	3	50			
	SI-Plant 1A		20-Aug-2024	24-Sep-2024		Lorry, with crane 5.5 ton <PSQVW < 38 ton	--	105	A	1	10%	-5	100	100	90	-64	3	60			
	SI-Plant 1A		20-Aug-2024	24-Sep-2024		Western Machine	--	100	A	1	20%	-7	91	91	90	-61	3	50			
	SI-Plant 1A		20-Aug-2024	24-Sep-2024		Mobile crane - submersible detector	COMP 260	95	A	1	20%	-7	91	91	90	-61	3	50			
	SI-Plant 1A		20-Aug-2024	24-Sep-2024		CPME Generator, 9200kVA/rev	EPD-11107	92	A	1	100%	0	92	92	92	-61	3	41			
	SI-Plant 1A		20-Aug-2024	24-Sep-2024		Western Machine	--	100	A	1	20%	-7	91	91	90	-61	3	50			
	SI-Plant 1A		20-Aug-2024	24-Sep-2024		CPME Generator, 9200kVA/rev	EPD-11107	92	A	1	100%	0	92	92	92	-61	3	41			
	SI-Plant 1A		20-Aug-2024	24-Sep-2024		CPME Generator, 9200kVA/rev	EPD-11107	92	A	1	100%	0	92	92	92	-61	3	41			
	SI-Plant 1A		20-Aug-2024	24-Sep-2024		CPME Generator, 9200kVA/rev	EPD-11107	92	A	1	100%	0	92	92	92	-61	3	41			
	SI-Plant 1A		20-Aug-2024	24-Sep-2024		CPME Generator, 9200kVA/rev	EPD-11107	92	A	1	100%	0	92	92	92	-61	3	41			
SI-Plant 1A	SI-Plant 1A		20-Aug-2024	24-Sep-2024	B	Dump truck/ Grab lorry, 5.5 ton <PSQVW < 38 ton	--	105	B	1	33%	-6	100	100	90	-64	3	60		64	
	SI-Plant 1A		20-Aug-2024	24-Sep-2024		CPME Excavator, 10500kVA/rev	EPD-08290	105	B	1	67%	-2	103	103	90	-64	3	63			
	SI-Plant 1A		20-Aug-2024	24-Sep-2024		CPME Excavator, 10500kVA/rev	EPD-08290	105	B	1	67%	-2	103	103	90	-64	3	63			
	SI-Plant 1A		20-Aug-2024	24-Sep-2024		CPME Excavator, 10500kVA/rev	EPD-08290	105	B	1	67%	-2	103	103	90	-64	3	63			
	SI-Plant 1A		20-Aug-2024	24-Sep-2024		CPME Excavator, 10500kVA/rev	EPD-08290	105	B	1	67%	-2	103	103	90	-64	3	63			
	SI-Plant 1A		20-Aug-2024	24-Sep-2024		CPME Excavator, 10500kVA/rev	EPD-08290	105	B	1	67%	-2	103	103	90	-64	3	63			
	SI-Plant 1A		20-Aug-2024	24-Sep-2024		CPME Excavator, 10500kVA/rev	EPD-08290	105	B	1	67%	-2	103	103	90	-64	3	63			
	SI-Plant 1A		20-Aug-2024	24-Sep-2024		CPME Excavator, 10500kVA/rev	EPD-08290	105	B	1	67%	-2	103	103	90	-64	3	63			
	SI-Plant 1A		20-Aug-2024	24-Sep-2024		CPME Excavator, 10500kVA/rev	EPD-08290	105	B	1	67%	-2	103	103	90	-64	3	63			
	SI-Plant 1A		20-Aug-2024	24-Sep-2024		CPME Excavator, 10500kVA/rev	EPD-08290	105	B	1	67%	-2	103	103	90	-64	3	63			
	SI-Plant 1A		20-Aug-2024	24-Sep-2024		CPME Excavator, 10500kVA/rev	EPD-08290	105	B	1	67%	-2	103	103	90	-64	3	63			
	SI-Plant 1A		20-Aug-2024	24-Sep-2024		CPME Excavator, 10500kVA/rev</															

Max Noise L_v (dB(A))

1999-2000, 2000-2001, 2001-2002, 2002-2003, 2003-2004, 2004-2005, 2005-2006, 2006-2007, 2007-2008, 2008-2009, 2009-2010, 2010-2011, 2011-2012, 2012-2013, 2013-2014, 2014-2015, 2015-2016, 2016-2017, 2017-2018, 2018-2019, 2019-2020, 2020-2021, 2021-2022, 2022-2023, 2023-2024, 2024-2025, 2025-2026, 2026-2027, 2027-2028, 2028-2029, 2029-2030, 2030-2031, 2031-2032, 2032-2033, 2033-2034, 2034-2035, 2035-2036, 2036-2037, 2037-2038, 2038-2039, 2039-2040, 2040-2041, 2041-2042, 2042-2043, 2043-2044, 2044-2045, 2045-2046, 2046-2047, 2047-2048, 2048-2049, 2049-2050, 2050-2051, 2051-2052, 2052-2053, 2053-2054, 2054-2055, 2055-2056, 2056-2057, 2057-2058, 2058-2059, 2059-2060, 2060-2061, 2061-2062, 2062-2063, 2063-2064, 2064-2065, 2065-2066, 2066-2067, 2067-2068, 2068-2069, 2069-2070, 2070-2071, 2071-2072, 2072-2073, 2073-2074, 2074-2075, 2075-2076, 2076-2077, 2077-2078, 2078-2079, 2079-2080, 2080-2081, 2081-2082, 2082-2083, 2083-2084, 2084-2085, 2085-2086, 2086-2087, 2087-2088, 2088-2089, 2089-2090, 2090-2091, 2091-2092, 2092-2093, 2093-2094, 2094-2095, 2095-2096, 2096-2097, 2097-2098, 2098-2099, 2099-2100, 2100-2101, 2101-2102, 2102-2103, 2103-2104, 2104-2105, 2105-2106, 2106-2107, 2107-2108, 2108-2109, 2109-2110, 2110-2111, 2111-2112, 2112-2113, 2113-2114, 2114-2115, 2115-2116, 2116-2117, 2117-2118, 2118-2119, 2119-2120, 2120-2121, 2121-2122, 2122-2123, 2123-2124, 2124-2125, 2125-2126, 2126-2127, 2127-2128, 2128-2129, 2129-2130, 2130-2131, 2131-2132, 2132-2133, 2133-2134, 2134-2135, 2135-2136, 2136-2137, 2137-2138, 2138-2139, 2139-2140, 2140-2141, 2141-2142, 2142-2143, 2143-2144, 2144-2145, 2145-2146, 2146-2147, 2147-2148, 2148-2149, 2149-2150, 2150-2151, 2151-2152, 2152-2153, 2153-2154, 2154-2155, 2155-2156, 2156-2157, 2157-2158, 2158-2159, 2159-2160, 2160-2161, 2161-2162, 2162-2163, 2163-2164, 2164-2165, 2165-2166, 2166-2167, 2167-2168, 2168-2169, 2169-2170, 2170-2171, 2171-2172, 2172-2173, 2173-2174, 2174-2175, 2175-2176, 2176-2177, 2177-2178, 2178-2179, 2179-2180, 2180-2181, 2181-2182, 2182-2183, 2183-2184, 2184-2185, 2185-2186, 2186-2187, 2187-2188, 2188-2189, 2189-2190, 2190-2191, 2191-2192, 2192-2193, 2193-2194, 2194-2195, 2195-2196, 2196-2197, 2197-2198, 2198-2199, 2199-2200, 2200-2201, 2201-2202, 2202-2203, 2203-2204, 2204-2205, 2205-2206, 2206-2207, 2207-2208, 2208-2209, 2209-2210, 2210-2211, 2211-2212, 2212-2213, 2213-2214, 2214-2215, 2215-2216, 2216-2217, 2217-2218, 2218-2219, 2219-2220, 2220-2221, 2221-2222, 2222-2223, 2223-2224, 2224-2225, 2225-2226, 2226-2227, 2227-2228, 2228-2229, 2229-2230, 2230-2231, 2231-2232, 2232-2233, 2233-2234, 2234-2235, 2235-2236, 2236-2237, 2237-2238, 2238-2239, 2239-2240, 2240-2241, 2241-2242, 2242-2243, 2243-2244, 2244-2245, 2245-2246, 2246-2247, 2247-2248, 2248-2249, 2249-2250, 2250-2251, 2251-2252, 2252-2253, 2253-2254, 2254-2255, 2255-2256, 2256-2257, 2257-2258, 2258-2259, 2259-2260, 2260-2261, 2261-2262, 2262-2263, 2263-2264, 2264-2265, 2265-2266, 2266-2267, 2267-2268, 2268-2269, 2269-2270, 2270-2271, 2271-2272, 2272-2273, 2273-2274, 2274-2275, 2275-2276, 2276-2277, 2277-2278, 2278-2279, 2279-2280, 2280-2281, 2281-2282, 2282-2283, 2283-2284, 2284-2285, 2285-2286, 2286-2287, 2287-2288, 2288-2289, 2289-2290, 2290-2291, 2291-2292, 2292-2293, 2293-2294, 2294-2295, 2295-2296, 2296-2297, 2297-2298, 2298-2299, 2299-2300, 2300-2301, 2301-2302, 2302-2303, 2303-2304, 2304-2305, 2305-2306, 2306-2307, 2307-2308, 2308-2309, 2309-2310, 2310-2311, 2311-2312, 2312-2313, 2313-2314, 2314-2315, 2315-2316, 2316-2317, 2317-2318, 2318-2319, 2319-2320, 2320-2321, 2321-2322, 2322-2323, 2323-2324, 2324-2325, 2325-2326, 2326-2327, 2327-2328, 2328-2329, 2329-2330, 2330-2331, 2331-2332, 2332-2333, 2333-2334, 2334-2335, 2335-2336, 2336-2337, 2337-2338, 2338-2339, 2339-2340, 2340-2341, 2341-2342, 2342-2343, 2343-2344, 2344-2345, 2345-2346, 2346-2347, 2347-2348, 2348-2349, 2349-2350, 2350-2351, 2351-2352, 2352-2353, 2353-2354, 2354-2355, 2355-2356, 2356-2357, 2357-2358, 2358-2359, 2359-2360, 2360-2361, 2361-2362, 2362-2363, 2363-2364, 2364-2365, 2365-2366, 2366-2367, 2367-2368, 2368-2369, 2369-2370, 2370-2371, 23

May Notice 1 v (AP/AL)

S/N	Activity Name	Start	Finish	Group	PME	PME Information		TM Ref. / other Ref.	Unit SWL (dB(A))	PME Arrangement		On-time %	On Time Correction		Total SWL (dB(A))	Distance Correction		Facade Correction (dB(A))	Barrier Correction (dB(A))	Predicted Noise Level (dB(A))	Total Predicted Noise Level for each group (dB(A))
						Group	Quantity			Time Factor	Time Weighted SWL (dB(A))		Notional Distance (m)	Distance Attenuation (dB)							
53	Part 3A/3B/3C	30-Jul-2026	12-Aug-2026	A	OPME Mobile Crane - 10500(A) rev	OPME-08156	105	A	1	32%	-5	92	92	60	-4.4	3			60	62	
54	Part 3A/3B/3C	30-Jul-2026	12-Aug-2026		Excavator	EPD-11107	92	A	1	32%	-5	92	92	60	-4.4	3			59		
55	Part 3A/3B/3C	30-Jul-2026	12-Aug-2026		OPME Generator - 9200(A) rev	EPD-11107	92	A	1	100%	0	92	92	60	-4.4	3	10	41			
56	Part 3A/3B/3C	30-Jul-2026	12-Aug-2026		Grand mixer		90	A	1	32%	-5	92	92	60	-4.4	3			45		
57	Part 3A/3B/3C	30-Jul-2026	12-Aug-2026											60	-4.4	3					
58	Part 3A/3B/3C	30-Jul-2026	12-Aug-2026											60	-4.4	3					
59	Part 3A/3B/3C	30-Jul-2026	12-Aug-2026											60	-4.4	3					
60	Part 3A/3B/3C	30-Jul-2026	12-Aug-2026											60	-4.4	3					
61	Part 3A/3B/3C	30-Jul-2026	12-Aug-2026											60	-4.4	3					
62	Part 3A/3B/3C	30-Jul-2026	12-Aug-2026											60	-4.4	3					
63	Part 3A/3B/3C	30-Jul-2026	12-Aug-2026	B	Lorry, with crane 5.5 ton <PGVAV < 30 ton	--	105	B	1	32%	-5	100	100	60	-4.4	3			60	62	
64	Part 3A/3B/3C	30-Jul-2026	12-Aug-2026		OPME Generator - 9200(A) rev	EPD-11107	92	B	1	100%	0	92	92	60	-4.4	3	10	41			
65	Part 3A/3B/3C	30-Jul-2026	12-Aug-2026		Grand mixer		90	B	1	32%	-5	95	95	60	-4.4	3			45		
66	Part 3A/3B/3C	30-Jul-2026	12-Aug-2026											60	-4.4	3					
67	Part 3A/3B/3C	30-Jul-2026	12-Aug-2026											60	-4.4	3					
68	Part 3A/3B/3C	30-Jul-2026	12-Aug-2026											60	-4.4	3					
69	Part 3A/3B/3C	30-Jul-2026	12-Aug-2026											60	-4.4	3					
70	Part 3A/3B/3C	30-Jul-2026	12-Aug-2026											60	-4.4	3					
71	Part 3A/3B/3C	30-Jul-2026	12-Aug-2026											60	-4.4	3					
72	Part 3A/3B/3C	30-Jul-2026	12-Aug-2026											60	-4.4	3					
73	Part 3A/3B/3C	30-Jul-2026	12-Aug-2026	A	OPME Generator - 9200(A) rev	EPD-11107	92	A	1	100%	0	92	92	60	-4.4	3	10	41	59		
74	Part 3A/3B/3C	30-Jul-2026	12-Aug-2026		AC Blower (Electric)		95	A	1	100%	0	95	95	60	-4.4	3				54	
75	Part 3A/3B/3C	30-Jul-2026	12-Aug-2026		Drill/hammer, hand-held (electric)		98	A	1	20%	-7	91	91	60	-4.4	3				50	
76	Part 3A/3B/3C	30-Jul-2026	12-Aug-2026		AC saw, hand-held, wood (electric)		99	A	1	20%	-7	91	91	60	-4.4	3				50	
77	Part 3A/3B/3C	30-Jul-2026	12-Aug-2026		Cherry Picker Sissors Lift	BS 5728-1:2009	95	A	1	50%	-3	92	92	60	-4.4	3				51	
78	Part 3A/3B/3C	30-Jul-2026	12-Aug-2026											60	-4.4	3					
79	Part 3A/3B/3C	30-Jul-2026	12-Aug-2026											60	-4.4	3					
80	Part 3A/3B/3C	30-Jul-2026	12-Aug-2026																		

Construction Noise Assessment

Contract No.:	HV/2023/08
Contract Name:	Central Kitchen Resta - Remaining Weeks
Contractor:	Built Kinn - Turn Key Joint Venture

Derivat:	1700 - 1900 (current natural habitats)
NKR in (CNMMP):	2
NKR in (FLA Ref):	W.D11
NKR Name:	聯合國經1座
Scenario:	Mitigation Measures Scenario

0700 - 1900 (except national holidays)

W.D11

Mitigation Measures Scenario

May Notice to (R/D)

[illegible]

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Construction Noise Assessment																			
Contract No. -		LJV/2023/08		Revision -		Rev 01 (15/04/2023)		Rev 02 (15/04/2023)		Rev 03 (15/04/2023)		Rev 04 (15/04/2023)		Rev 05 (15/04/2023)		Rev 06 (15/04/2023)		Rev 07 (15/04/2023)	
Contract Name -		Central & Western Street - Reconstruction Works		Rev 01 (15/04/2023)		Rev 02 (15/04/2023)		Rev 03 (15/04/2023)		Rev 04 (15/04/2023)		Rev 05 (15/04/2023)		Rev 06 (15/04/2023)		Rev 07 (15/04/2023)		Rev 08 (15/04/2023)	
Contractor -		Build & Repair Limited		Rev 01 (15/04/2023)		Rev 02 (15/04/2023)		Rev 03 (15/04/2023)		Rev 04 (15/04/2023)		Rev 05 (15/04/2023)		Rev 06 (15/04/2023)		Rev 07 (15/04/2023)		Rev 08 (15/04/2023)	
												</							



Appendix 3.1	-	Detailed Construction Noise Assessment 3.1.3 - W-N25A Prosperous Garden Block 1 駿發花園 1 座
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Work Item	Activity Name	Start	Finish	Group	PME	PME Information	TM Ref. / other Ref.	Unit	PME Arrangement	Quantity	On-time %	Time Factor	Time Weighted SWL	Total SWL (dB(A))	Notional Distance	Distance Correction	Facade Correction (dB(A))	Barrier Correction (dB(A))	Predicted Noise Level (dB(A))	Total Predicted Noise Level for each group (dB(A))	
SI-Part 1A	SI-Pant 1A	20-Jun-2024	24-Jun-2024	A	Air Blower (Electric)	Drill/blower, hand-held (electric)	—	98	A	1	100%	0	98	98	170	-3.5	—	—	—	48	54
	SI-Pant 1A	20-Jun-2024	24-Jun-2024		Cherry Picker, Scissor Lift	BS 5028-1-2009	98	A	1	20%	-7	94	94	170	-3.5	—	—	—	44		
	SI-Pant 1A	20-Jun-2024	24-Jun-2024		Lorry, with crane 5.5 ton cPSQW < 38 ton	—	105	A	1	50%	-3	96	96	170	-3.5	—	—	—	51		
	SI-Pant 1A	20-Jun-2024	24-Jun-2024		Water pump, submersible (electric)	CMP 983	85	A	1	20%	-7	78	78	170	-3.5	—	—	—	28		
	SI-Pant 1A	20-Jun-2024	24-Jun-2024		CEMEX Generator, 90kVA only	EPD-11107	92	A	1	100%	0	92	92	170	-3.5	—	—	—	32		
	SI-Pant 1A	20-Jun-2024	24-Jun-2024		Workshop Machine	—	100	A	1	50%	-3	97	97	170	-3.5	—	—	—	47		
	SI-Pant 1A	20-Jun-2024	24-Jun-2024		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	SI-Pant 1A	20-Jun-2024	24-Jun-2024		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	SI-Pant 1A	20-Jun-2024	24-Jun-2024		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	SI-Pant 1A	20-Jun-2024	24-Jun-2024		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
SI-Pant 1A	SI-Pant 1A	20-Jun-2024	24-Jun-2024	B	Dump truck/ Grab lorry, 5.5 ton cPSQW < 38 ton	EPD-09280	105	B	1	33%	-2	102	102	170	-3.5	—	—	—	51	55	
	SI-Pant 1A	20-Jun-2024	24-Jun-2024		CEMEX Excavator, 105kVA only	—	105	B	1	87%	-2	102	102	170	-3.5	—	—	—	54		
	SI-Pant 1A	20-Jun-2024	24-Jun-2024		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	SI-Pant 1A	20-Jun-2024	24-Jun-2024		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	SI-Pant 1A	20-Jun-2024	24-Jun-2024		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	SI-Pant 1A	20-Jun-2024	24-Jun-2024		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	SI-Pant 1A	20-Jun-2024	24-Jun-2024		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	SI-Pant 1A	20-Jun-2024	24-Jun-2024		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	SI-Pant 1A	20-Jun-2024	24-Jun-2024		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	SI-Pant 1A	20-Jun-2024	24-Jun-2024		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		—
SI-Pant 1A	SI-Pant 1A	25-Sep-2024	18-Nov-2024	A	Air Blower (Electric)	Drill/blower, hand-held (electric)	—	98	A	1	100%	0	98	98	170	-3.5	—	—	—	48	54
	SI-Pant 1A	25-Sep-2024	18-Nov-2024		Drill/blower, hand-held (electric)	—	98	A	1	20%	-7	94	94	170	-3.5	—	—	—	44		
	SI-Pant 1A	25-Sep-2024	18-Nov-2024		Lorry, with crane 5.5 ton cPSQW < 38 ton	—	105	A	1	33%	-5	100	100	170	-3.5	—	—	—	51		
	SI-Pant 1A	25-Sep-2024	18-Nov-2024		Job-sew, hand-held, wood (electric)	—	98	A	1	50%	-3	96	96	170	-3.5	—	—	—	48		
	SI-Pant 1A	25-Sep-2024	18-Nov-2024		Cherry Picker, Scissor Lift	BS 5028-1-2009	98	A	1	50%	-3	94	94	170	-3.5	—	—	—	42		
	SI-Pant 1A	25-Sep-2024	18-Nov-2024		CEMEX Generator, 90kVA only	EPD-11107	92	A	1	100%	0	92	92	170	-3.5	—	—	—	32		
	SI-Pant 1A	25-Sep-2024	18-Nov-2024																		

[illegible]

Activity ID	Activity Name	Start	Finish	Group	PME	PME Information		TM Ref. or other Ref.	Unit SWL (dB(A))	PME Arrangement		On-time %	On-Time Correction		Total SWL (dB(A))	Distance Correction		Facade Correction (dB(A))	Barrier Correction (dB(A))	Predicted Noise Level (dB(A))	Total Predicted Noise Level for each group (dB(A))
										Group	Quantity		Time Factor	Time Weighted SWL (dB(A))		Notional Distance (m)	Distance Attenuation (dB(A))				
S1-Pant-D12F	Installation of Drainage System (Catch pit and Discharge pipe)	11-Nov-2025	05-Jan-2026	A	Air Blower (Electric)	--	95	A	1	100%	0	95	120	-49	3				49	57	
S4-Pant-D12E		11-Nov-2025	05-Jan-2026		Drill/Driver, hand-held (electric)	--	98	A	1	20%	-7	91	91	-49	3			49			
S1-Pant-D12E		11-Nov-2025	05-Jan-2026		Lorry, with crane 5.5 ton <PVOV> < 30 ton	--	105	A	1	20%	-7	98	100	-49	3			54			
S1-Pant-D12E		11-Nov-2025	05-Jan-2026		Ap-saw, hand-held, wood (electric)	--	99	A	1	50%	-3	96	96	-49	3			46			
S1-Pant-D12E		11-Nov-2025	05-Jan-2026		Plasma Cutter, Sintered Lift	--	BS 5228-1-2009	95	A	1	50%	-3	92	92	-49	3			46		
S1-Pant-D12E		11-Nov-2025	05-Jan-2026		OPM Generator, 9200VA rev.	EPD-11107	92	A	1	100%	0	92	92	-49	3	-10			46		
S1-Pant-D12F		11-Nov-2025	05-Jan-2026		OPM Excavator, 10500VA rev.	EPD-11107	92	A	1	100%	0	92	92	-49	3			49			
S1-Pant-D12F		11-Nov-2025	05-Jan-2026		Concrete tory mixer	CNP 644	109	B	1	10%	-10	99	99	-49	3			53			
S1-Pant-D12F		11-Nov-2025	05-Jan-2026		OPM Excavator, 10500VA rev.	EPD-08200	105	A	1	100%	0	97	97	-49	3			49			
S1-Pant-D12F		11-Nov-2025	05-Jan-2026		Draper, vibratory, hand-held (electric)	--	100	B	1	10%	-10	90	90	-49	3			46			
S1-Pant-D12E	Installation of Utilities (Cable duct for Lighting, Power and CCTV System)	11-Nov-2025	05-Jan-2026	A	OPM Generator, 9200VA rev.	EPD-11107	92	A	1	100%	0	92	92	-49	3			10	36	57	
S4-Pant-D12E		11-Nov-2025	05-Jan-2026		Cherry Picker, Scissor Lift	BS 5228-1-2009	95	A	1	50%	-3	92	92	-49	3			46			
S1-Pant-D12E		11-Nov-2025	05-Jan-2026		Drill/Driver, hand-held (electric)	--	98	A	1	20%	-7	91	91	-49	3			49			
S4-Pant-D12E		11-Nov-2025	05-Jan-2026		Lorry, with crane 5.5 ton <PVOV> < 30 ton	--	105	A	1	20%	-7	98	100	-49	3			54			
S4-Pant-D12E		11-Nov-2025	05-Jan-2026		Air Blower (Electric)	--	95	A	1	100%	0	95	95	-49	3			49			
S4-Pant-D12E		11-Nov-2025	05-Jan-2026		Ap-saw, hand-held, wood (electric)	--	99	A	1	50%	-3	96	96	-49	3			46			
S4-Pant-D12E		11-Nov-2025	05-Jan-2026			--								-49	3						
S4-Pant-D12E		11-Nov-2025	05-Jan-2026			--								-49	3						
S4-Pant-D12E		11-Nov-2025	05-Jan-2026			--								-49	3						
S4-Pant-D12E		11-Nov-2025	05-Jan-2026			--								-49	3						
S1-Pant-D12F	RC Works (Kerb, Footing for Railing & Other Facades)	11-Nov-2025	05-Jan-2026	A	OPM Generator, 9200VA rev.	EPD-11107	92	A	1	100%	0	92	92	-49	3			10	36	60	
S1-Pant-D12F		11-Nov-2025	05-Jan-2026		Concrete tory mixer	CNP 644	109	B	1	10%	-10	99	99	-49	3			53			
S1-Pant-D12F		11-Nov-2025	05-Jan-2026		Ap-saw, hand-held, wood (electric)	--	99	A	1	50%	-3	96	96	-49	3			46			
S1-Pant-D12F		11-Nov-2025	05-Jan-2026		OPM Mobile Crane, 10500VA rev.	EPD-08156	105	A	1	5%	-15	100	100	-49	3			54			
S1-Pant-D12F		11-Nov-2025	05-Jan-2026			--								-49	3						
S1-Pant-D12F		11-Nov-2025	05-Jan-2026			--								-49	3						
S1-Pant-D12F		11-Nov-2025	05-Jan-2026			--								-49	3						
S1-Pant-D12F		11-Nov-2025	05-Jan-2026			--								-49	3						
S1-Pant-D12F		11-Nov-2025	05-Jan-2026			--								-49	3						
S1-Pant-D12F		11-Nov-2025	05-Jan-2026			--								-49	3						
S1-Pant-D12E	Drainage Layer and Waterproofing Installation at Parking Area	23-Jan-2026	19-Mar-2026	A	Air Blower (Electric)	--	95	A	1	100%	0	95	120	-49	3			49	60		
S1-Pant-D12E		23-Jan-2026	19-Mar-2026		Drill/Driver, hand-held (electric)	--	98	A	1	20%	-7	91	91	-49	3			49			
S1-Pant-D12E		23-Jan-2026	19-Mar-2026		Lorry, with crane 5.5 ton <PVOV> < 30 ton	--	105	A	1	20%	-7	98	100	-49	3			54			
S1-Pant-D12E		23-Jan-2026	19-Mar-2026		Ap-saw, hand-held, wood (electric)	--	99	A	1	50%	-3	96	96	-49	3			46			
S1-Pant-D12E		23-Jan-2026	19-Mar-2026		Plasma Cutter, Sintered Lift	--	BS 5228-1-2009	95	A	1	50%	-3	92	92	-49	3				46	
S1-Pant-D12E		23-Jan-2026	19-Mar-2026		OPM Generator, 9200VA rev.	EPD-11107	92	A	1	100%	0	92	92	-49	3	-10		46			
S1-Pant-D12F		23-Jan-2026	19-Mar-2026		OPM Excavator, 10500VA rev.	EPD-08200	105	A	1	100%	0	97	97	-49	3			49			
S1-Pant-D12F		23-Jan-2026	19-Mar-2026		Concrete tory mixer	CNP 644	109	B	1	10%	-10	99	99	-49	3			53			
S1-Pant-D12F		23-Jan-2026	19-Mar-2026		OPM Excavator, 10500VA rev.	EPD-08200	105	A	1	100%	0	97	97	-49	3			49			
S1-Pant-D12F		23-Jan-2026	19-Mar-2026		Draper, vibratory, hand-held (electric)	--	100	B	1	10%	-10	90	90	-49	3			46			
S1-Pant-D12E	Wall Finishes at Plant Boxes	03-Mar-2026	20-Apr-2026	A	Aspirator (electric)	--	90	A	1	5%	-13	77	77	-49	3			31	56		
S1-Pant-D12E		03-Mar-2026	20-Apr-2026		Air Blower (Electric)	--	95	A	1	100%	0	95	95	-49	3			49			
S1-Pant-D12E		03-Mar-2026	20-Apr-2026		Lorry, with crane 5.5 ton <PVOV> < 30 ton	--	105	A	1	20%	-7	98	100	-49	3			54			
S4-Pant-D12E		03-Mar-2026	20-Apr-2026		OPM Generator, 9200VA rev.	EPD-11107	92	A	1	100%	0	92	92	-49	3	10	36				
S1-Pant-D12E		03-Mar-2026	20-Apr-2026		Drill/Driver, hand-held (electric)	--	98	A	1	20%	-7	91	91	-49	3			49			
S4-Pant-D12E		03-Mar-2026	20-Apr-2026		Cherry Picker, Scissor Lift	BS 5228-1-2009	95	A	1	50%	-3	92	92	-49	3			46			
S4-Pant-D12E		03-Mar-2026	20-Apr-2026			--								-49	3						
S4-Pant-D12E		03-Mar-2026	20-Apr-2026			--								-49	3						
S4-Pant-D12E		03-Mar-2026	20-Apr-2026			--								-49	3						
S4-Pant-D12E		03-Mar-2026	20-Apr-2026			--								-49	3						
S1-Pant-D12E	Soil Laying	11-Apr-2026	06-Jun-2026	A	Dump truck/ Grabbers, 5.5 ton <PVOV> < 30 ton	EPD-08200	105	A	1	20%	-7	98	100	-49	3			54	59		
S1-Pant-D12E		11-Apr-2026	06-Jun-2026		OPM Excavator, 10500VA rev.	EPD-08200	105	A	1	20%	-7	98	100	-49	3			54			
S1-Pant-D12E		11-Apr-2026	06-Jun-2026			--								-49	3						
S1-Pant-D12E		11-Apr-2026	06-Jun-2026			--								-49	3						
S1-Pant-D12E		11-Apr-2026	06-Jun-2026			--								-49	3						
S1-Pant-D12E		11-Apr-2026	06-Jun-2026			--								-49	3						
S1-Pant-D12E		11-Apr-2026	06-Jun-2026			--								-49	3						
S1-Pant-D12E		11-Apr-2026	06-Jun-2026			--								-49	3						
S1-Pant-D12E		11-Apr-2026	06-Jun-2026			--								-49	3						
S1-Pant-D12E		11-Apr-2026	06-Jun-2026			--								-49	3						
S1-Pant-D12E	Installation of Irrigation Pipe and Ducting	11-Apr-2026	06-Jun-2026	A	OPM Generator, 9200VA rev.	EPD-11107	92	A	1	100%	0	92	92	-49	3			10	36	57	
S1-Pant-D12E		11-Apr-2026	06-Jun-2026		Cherry Picker, Scissor Lift	BS 5228-1-2009	95	A	1	50%	-3	92	92	-49	3			46			
S1-Pant-D12E		11-Apr-2026	06-Jun-2026		Drill/Driver, hand-held (electric)	--	98	A	1	20%	-7	91	91	-49	3			49			
S1-Pant-D12E		11-Apr-2026	06-Jun-2026		Lorry, with crane 5.5 ton <PVOV> < 30 ton	--	105	A	1	20%	-7	98	100	-49	3			54			
S1-Pant-D12E		11-Apr-2026	06-Jun-2026		Air Blower (Electric)	--	95	A	1	100%	0	95	95	-49	3			49			
S1-Pant-D12E		11-Apr-2026	06-Jun-2026		Ap-saw, hand-held, wood (electric)	--	99	A	1	50%	-3	96	96	-49	3			46			
S1-Pant-D12E		11-Apr-2026	06-Jun-2026			--								-49	3						
S1-Pant-D12E		11-Apr-2026	06-Jun-2026			--								-49	3						
S1-Pant-D12E		11-Apr-2026	06-Jun-2026			--								-49	3						
S1-Pant-D12E		11-Apr-2026	06-Jun-2026			--								-49	3						
S1-Pant-D12E	Tree Planting	24-Jun-2026	20-Jul-2026	A	Lorry, with crane 5.5 ton <PVOV> < 30 ton	EPD-08156	105	A	1	20%	-7	98	100	-49	3			54	58		
S1-Pant-D12E		24-Jun-2026	20-Jul-2026		OPM Mobile Crane, 10500VA rev.	EPD-08156	105	A	1	20%	-7	98	100	-49	3			54			
S1-Pant-D12E		24-Jun-2026	20-Jul-2026		Cherry Picker, Scissor Lift	BS 5228-1-2009	95	A	1	50%	-3	92	92	-49	3			46			
S1-Pant-D12E		24-Jun-2026	20-Jul-2026			--								-49	3						
S1-Pant-D12E		24-Jun-2026	20-Jul-2026			--								-49	3						
S1-Pant-D12E		24-Jun-2026	20-Jul-2026			--								-49	3						
S1-Pant-D12E		24-Jun-2026	20-Jul-2026			--								-49	3						
S1-Pant-D12E		24-Jun-2026	20-Jul-2026			--								-49	3						
S1-Pant-D12E		24-Jun-2026	20-Jul-2026			--								-49	3						
S1-Pant-D12E		24-Jun-2026	20-Jul-2026			--								-49	3						
S1-Pant-D12E	Lawn Installation, Paving Works and Balustrade Installation	13-Jul-2026	10-Aug-2026	A	Aspirator (electric)	--	90	A	1	5%	-13	77	77	-49	3			31	57		
S1-Pant-D12E		13-Jul-2026	10-Aug-2026		Air Blower (Electric)	--	95	A	1	100%	0	95	95	-49	3			49			
S1-Pant-D12E		13-Jul-2026	10-Aug-2026		Lorry, with crane 5.5 ton <PVOV> < 30 ton	--	105	A	1	20%	-7	98	100	-49	3			54			
S1-Pant-D12E		13-Jul-2026	10-Aug-2026		OPM Generator, 9200VA rev.	EPD-11107	92	A	1	100%	0	92	92	-49	3	10	36				
S1-Pant-D12E		13-Jul-2026	10-Aug-2026		Drill/Driver, hand-held (electric)	--	98	A	1	20%	-7	91	91	-49	3			49			
S1-Pant-D12E		13-Jul-2026	10-Aug-2026		Welding Machine	--	100	A	1	50%	-3	97	97	-49	3			51			
S1-Pant-D12E		13-Jul-2026	10-Aug-2026			--								-49	3						
S1-Pant-D12E		13-Jul-2026	10-Aug-2026			--								-49	3						
S1-Pant-D12E		13-Jul-2026	10-Aug-2026			--								-49	3						
S1-Pant-D12E		13-Jul-2026	10-Aug-2026			--								-49	3						
S1-Pant-D12F	Lighting Installation, Power and CCTV System Installation	13-Jul-2026	08-Sep-2026	A	OPM Generator, 9200VA rev.	EPD-11107	92	A	1	100%	0	92	92	-49	3	10	36	57			
S1-Pant-D12F		13-Jul-2026	08-Sep-2026		Cherry Picker, Scissor Lift	BS 5228-1-2009	95	A	1	50%	-3	92	92	-49	3				46		
S1-Pant-D12F		13-Jul-																			

Max Noise 1 w/ (APU/AV)

WorkSite	Activity Name	Start	Finish	Group	PME	PME Information		TM Ref. / other Ref.	Unit SWL (dB(A))	PME Arrangement		On-time %	On Time Correction		Total SWL (dB(A))	Distance Correction		Facade Correction (dB(A))	Barrier Correction (dB(A))	Predicted Noise Level (dB(A))	Total Predicted Noise Level for each group (dB(A))
						Group	Quantity			Time Factor	Time Weighted SWL (dB(A))		Notional Distance (m)	Distance Attenuation (dB(A))							
S2-Part 28-20	Bench, Rubbish Bin and Signage Installation	S2-Part 28-20	28-May-2026	27-Jun-2026	A	Lorry, with crane 5.5 ton <PQVW < 38 ton	--	106	A	1	33%	-5	92	100	30	3	5	61	62		
		S2-Part 28-20	28-May-2026	27-Jun-2026		Cherry Picker Scissor Lift	--	95	A	1	50%	-3	92	92	30	3	5	52			
		S2-Part 28-20	28-May-2026	27-Jun-2026		Drill/hammer, hand-held (select)	--	98	A	1	20%	-7	91	91	30	3	5	46			
		S2-Part 28-20	28-May-2026	27-Jun-2026		OPME Generator, 9200W/10kV	EPD-11107	92	A	1	100%	0	92	92	30	3	5	47			
		S2-Part 28-20	28-May-2026	27-Jun-2026		Welding Machine	--	100	A	1	60%	-3	97	97	30	3	5	52			
		S2-Part 28-20	28-May-2026	27-Jun-2026			--		A					90	30	3					
		S2-Part 28-20	28-May-2026	27-Jun-2026			--		A					90	30	3					
		S2-Part 28-20	28-May-2026	27-Jun-2026			--		A					90	30	3					
		S2-Part 28-20	28-May-2026	27-Jun-2026			--		A					90	30	3					
		S2-Part 28-20	28-May-2026	27-Jun-2026			--		A					90	30	3					
S2-Part 28-20	Shrub Planting	S2-Part 28-20	28-May-2026	27-Jun-2026	A	Lorry, with crane 5.5 ton <PQVW < 38 ton	--	106	A	1	33%	-5	100	100	30	3	5	61	63		
		S2-Part 28-20	28-May-2026	27-Jun-2026		Cherry Picker Scissor Lift	--	95	A	1	50%	-3	99	99	30	3	5	60			
		S2-Part 28-20	28-May-2026	27-Jun-2026		Drill/hammer, hand-held (select)	--	98	A	1	20%	-7	91	91	30	3	5	46			
		S2-Part 28-20	28-May-2026	27-Jun-2026		OPME Generator, 9200W/10kV	EPD-11107	92	A	1	100%	0	92	92	30	3	5	47			
		S2-Part 28-20	28-May-2026	27-Jun-2026		Welding Machine	--	100	A	1	60%	-3	97	97	30	3	5	52			
		S2-Part 28-20	28-May-2026	27-Jun-2026			--		A					90	30	3					
		S2-Part 28-20	28-May-2026	27-Jun-2026			--		A					90	30	3					
		S2-Part 28-20	28-May-2026	27-Jun-2026			--		A					90	30	3					
		S2-Part 28-20	28-May-2026	27-Jun-2026			--		A					90	30	3					
		S2-Part 28-20	28-May-2026	27-Jun-2026			--		A					90	30	3					
S2-Part 28-20	Fence and Gate Installation	S2-Part 28-20	28-May-2026	27-Jun-2026	A	Lorry, with crane 5.5 ton <PQVW < 38 ton	--	106	A	1	33%	-5	100	100	30	3	5	61	62		
		S2-Part 28-20	28-May-2026	27-Jun-2026		Cherry Picker Scissor Lift	--	95	A	1	50%	-3	92	92	30	3	5	52			
		S2-Part 28-20	28-May-2026	27-Jun-2026		Drill/hammer, hand-held (select)	--	98	A	1	20%	-7	91	91	30	3	5	46			
		S2-Part 28-20	28-May-2026	27-Jun-2026		OPME Generator, 9200W/10kV	EPD-11107	92	A	1	100%	0	92	92	30	3	5	47			
		S2-Part 28-20	28-May-2026	27-Jun-2026		Welding Machine	--	100	A	1	60%	-3	97	97	30	3	5	52			
		S2-Part 28-20	28-May-2026	27-Jun-2026			--		A					90	30	3					
		S2-Part 28-20	28-May-2026	27-Jun-2026			--		A					90	30	3					
		S2-Part 28-20	28-May-2026	27-Jun-2026			--		A					90	30	3					
		S2-Part 28-20	28-May-2026	27-Jun-2026			--		A					90	30	3					
		S2-Part 28-20	28-May-2026	27-Jun-2026			--		A												

[illegible]

Max Noise 1 w/ (APU/AV)

May Notice 1 v (AP/Δ)

Construction Noise Assessment										Revision: 1.000 (request normal individuals)										Max Noise L _{eq} (dB(A))									
Contract No. -		14/2023/08		Revision:		New in 1.000/001		07/01 - 1/000 (request normal individuals)		07/01 - 1/000 (request normal individuals)		07/01 - 1/000 (request normal individuals)		07/01 - 1/000 (request normal individuals)		07/01 - 1/000 (request normal individuals)		07/01 - 1/000 (request normal individuals)		07/01 - 1/000 (request normal individuals)		07/01 - 1/000 (request normal individuals)		07/01 - 1/000 (request normal individuals)		07/01 - 1/000 (request normal individuals)			
Contract Name -		Central Kowloon Station - Remediation Works		Contract Name -		Central Kowloon Station - Remediation Works		Contract Name -		Central Kowloon Station - Remediation Works		Contract Name -		Central Kowloon Station - Remediation Works		Contract Name -		Central Kowloon Station - Remediation Works		Contract Name -		Central Kowloon Station - Remediation Works		Contract Name -		Central Kowloon Station - Remediation Works		Contract Name -	
Contractor Name -		Build Edge Limited		Contractor Name -		Build Edge Limited		Contractor Name -		Build Edge Limited		Contractor Name -		Build Edge Limited		Contractor Name -		Build Edge Limited		Contractor Name -		Build Edge Limited		Contractor Name -		Build Edge Limited		Contractor Name -	
WorkSite	Activity Name	Start	Finish	Group	PME	PME Information	TM Ref. / other Ref.	Unit SWL (dB(A))	Group	Quantity	On-time %	Time Factor	Time Weighted SWL (dB(A))	Total SWL (dB(A))	Notional Distance (m)	Distance Correction (dB(A))	Distance Attenuation (dB(A))	Facade Correction (dB(A))	Barrier Correction (dB(A))	Predicted Noise Level (dB(A))	Total Predicted Noise Level for each group (dB(A))								
S1-Pan 3A-SB-3C	Lower Roof Construction at Staff Office & Amenity Building	16-Sep-2025	22-Oct-2025	A	OPME Generator, 500W(A) saw	EPD-11107	92	A	1	100%	0	92	92	320	-58	2	10	27			50								
		16-Sep-2025	22-Oct-2025		Saw, circular, wood	CNP 201	108	A	1	100%	0	92	92	320	-58	2	10	27			50								
		16-Sep-2025	22-Oct-2025		Air-saw, hand-held, wood (detected)	CNP 201	108	A	1	100%	0	92	92	320	-58	2	10	27			50								
		16-Sep-2025	22-Oct-2025		OPME Mobile Crane, 1000W(A) saw	EPD-08156	106	A	1	100%	0	92	92	320	-58	2	10	27			50								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	2	10	27			50								
		16-Sep-2025	22-Oct-2025		Poker, vibratory, hand-held (detected)	CNP 047	102	C	1	100%	0	92	92	320	-58	2	10	27			50								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	2	10	27			50								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	2	10	27			50								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	2	10	27			50								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	2	10	27			50								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	2	10	27			50								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	2	10	27			50								
16-Sep-2025	22-Oct-2025	Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	2	10	27			50											
S1-Pan 3A-SB-3C	Lower Roof Construction at Staff Office & Amenity Building	16-Sep-2025	22-Oct-2025	B	OPME Generator, 500W(A) saw	EPD-11107	92	B	1	100%	0	92	92	320	-58	3	10	27			45								
		16-Sep-2025	22-Oct-2025		BAE tender and cutter (detected)	CNP 021	105	B	1	100%	0	92	92	320	-58	3	10	27			45								
		16-Sep-2025	22-Oct-2025		OPME Mobile Crane, 1000W(A) saw	EPD-08156	106	B	1	100%	0	92	92	320	-58	3	10	27			45								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			45								
		16-Sep-2025	22-Oct-2025		Poker, vibratory, hand-held (detected)	CNP 047	102	C	1	100%	0	92	92	320	-58	3	10	27			45								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			45								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			45								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			45								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			45								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			45								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			45								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			45								
16-Sep-2025	22-Oct-2025	Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			45											
S1-Pan 3A-SB-3C	Lower Roof Construction at Staff Office & Amenity Building	16-Sep-2025	22-Oct-2025	C	OPME Generator, 500W(A) saw	EPD-11107	92	C	1	100%	0	92	92	320	-58	3	10	27			53								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			53								
		16-Sep-2025	22-Oct-2025		Poker, vibratory, hand-held (detected)	CNP 047	102	C	1	100%	0	92	92	320	-58	3	10	27			53								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			53								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			53								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			53								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			53								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			53								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			53								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			53								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			53								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			53								
16-Sep-2025	22-Oct-2025	Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			53											
S1-Pan 3A-SB-3C	Wall & Stair Construction at Staff Office & Amenity Building	16-Sep-2025	22-Oct-2025	A	OPME Generator, 500W(A) saw	EPD-11107	92	A	1	100%	0	92	92	320	-58	3	10	27			50								
		16-Sep-2025	22-Oct-2025		Saw, circular, wood	CNP 201	108	A	1	100%	0	92	92	320	-58	3	10	27			50								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			50								
		16-Sep-2025	22-Oct-2025		OPME Mobile Crane, 1000W(A) saw	EPD-08156	106	A	1	100%	0	92	92	320	-58	3	10	27			50								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			50								
		16-Sep-2025	22-Oct-2025		Poker, vibratory, hand-held (detected)	CNP 047	102	C	1	100%	0	92	92	320	-58	3	10	27			50								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			50								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			50								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			50								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			50								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			50								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			50								
16-Sep-2025	22-Oct-2025	Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			50											
S1-Pan 3A-SB-3C	Lower Roof Construction at Staff Office & Amenity Building	16-Sep-2025	22-Oct-2025	B	OPME Generator, 500W(A) saw	EPD-11107	92	B	1	100%	0	92	92	320	-58	3	10	27			45								
		16-Sep-2025	22-Oct-2025		BAE tender and cutter (detected)	CNP 021	105	B	1	100%	0	92	92	320	-58	3	10	27			45								
		16-Sep-2025	22-Oct-2025		OPME Mobile Crane, 1000W(A) saw	EPD-08156	106	B	1	100%	0	92	92	320	-58	3	10	27			45								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			45								
		16-Sep-2025	22-Oct-2025		Poker, vibratory, hand-held (detected)	CNP 047	102	C	1	100%	0	92	92	320	-58	3	10	27			45								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			45								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			45								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			45								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			45								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			45								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			45								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			45								
16-Sep-2025	22-Oct-2025	Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			45											
S1-Pan 3A-SB-3C	Lower Roof Construction at Staff Office & Amenity Building	16-Sep-2025	22-Oct-2025	C	OPME Generator, 500W(A) saw	EPD-11107	92	C	1	100%	0	92	92	320	-58	3	10	27			53								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			53								
		16-Sep-2025	22-Oct-2025		Poker, vibratory, hand-held (detected)	CNP 047	102	C	1	100%	0	92	92	320	-58	3	10	27			53								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			53								
		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/diffuse mounted	CNP 044	109	C	1	100%	0	92	92	320	-58	3	10	27			53								
		16-Sep-2025	22-Oct-																										

Construction Noise Assessment																					
Contract No. - Project Name - Contractor		LW/2023/08 Central & Eastern Bypass - Remediation Works Buck Road, Tsim Sha Tsui, Kowloon			Revision - Rev 1 of 1 (MARP) NOR W/ F&E Draft NOR Revision		0700 - 1900 (except normal holidays) No night 無夜工 Mitigation Measures Scenario		Max Noise L or (dB(A)) (E)												
WorkSite	Activity Name	Start	Finish	Group	PME	PME Information	TM Ref. / other Ref.	Unit SWL (dB(A))	PME Arrangement	Group	Quantity	On-time %	Time Factor	Time Weighted SWL (dB(A))	Total SWL (dB(A))	Distance Correction (m)	Distance Attenuation (dB(A))	Facade Correction (dB(A))	Barrier Correction (dB(A))	Predicted Noise Level (dB(A))	Total Predicted Noise Level for each group (dB(A))
S7 Part 7 (330)	Excavation Works	07-Aug-2024	03-Sep-2024	A	QPMF Generator, 92dB(A) eqv	EPD-11107	92	A	1	100%	0	92	92	70	-5	2	-10	40	47		
		07-Aug-2024	03-Sep-2024		QPMF Hand-held Electric Sander, 103 dB(A) or eqv.	EPD-14688	103	A	1	13%	-5	98	98	70	-5	2	-10	46			
		07-Aug-2024	03-Sep-2024					A						70	-5	2	-10	46			
		07-Aug-2024	03-Sep-2024					A						70	-5	2	-10	46			
		07-Aug-2024	03-Sep-2024					A						70	-5	2	-10	46			
		07-Aug-2024	03-Sep-2024					A						70	-5	2	-10	46			
		07-Aug-2024	03-Sep-2024					A						70	-5	2	-10	46			
		07-Aug-2024	03-Sep-2024					A						70	-5	2	-10	46			
		07-Aug-2024	03-Sep-2024					A						70	-5	2	-10	46			
		07-Aug-2024	03-Sep-2024					A						70	-5	2	-10	46			
		07-Aug-2024	03-Sep-2024					A						70	-5	2	-10	46			
		07-Aug-2024	03-Sep-2024					A						70	-5	2	-10	46			
	Excavation Works	07-Aug-2024	03-Sep-2024	B	QPMF Excavator, 106dB(A) eqv	EPD-08290	106	B	1	67%	-2	103	103	70	-5	3	-5	56	57		
		07-Aug-2024	03-Sep-2024		Dump truck/ Grab (eqv. 5.5 ton -40CVW) < 30 ton		105	B	1	20%	-7	98	98	70	-5	3	-5	51			
		07-Aug-2024	03-Sep-2024					B						70	-5	3	-5	51			
		07-Aug-2024	03-Sep-2024					B						70	-5	3	-5	51			
		07-Aug-2024	03-Sep-2024					B						70	-5	3	-5	51			
		07-Aug-2024	03-Sep-2024					B						70	-5	3	-5	51			
		07-Aug-2024	03-Sep-2024					B						70	-5	3	-5	51			
		07-Aug-2024	03-Sep-2024					B						70	-5	3	-5	51			
		07-Aug-2024	03-Sep-2024					B						70	-5	3	-5	51			
		07-Aug-2024	03-Sep-2024					B						70	-5	3	-5	51			
		07-Aug-2024	03-Sep-2024					B						70	-5	3	-5	51			
		07-Aug-2024	03-Sep-2024					B						70	-5	3	-5	51			
Excavation Works	07-Aug-2024	03-Sep-2024	C	QPMF Mobile Crane, 105dB(A) eqv	EPD-08156	105	C	1	60%	-6	101	101	70	-5	3	-5	54	65			
	07-Aug-2024	03-Sep-2024		QPMF, vibration hammer	EPD-08290	105	C	1	40%	-6	111	111	70	-5	3	-5	54				
	07-Aug-2024	03-Sep-2024		QPMF Excavator, 106dB(A) eqv	EPD-08290	106	C	1	40%	-6	101	101	70	-5	3	-5	54				
	07-Aug-2024	03-Sep-2024					C						70	-5	3	-5	54				
	07-Aug-2024	03-Sep-2024					C						70	-5	3	-5	54				
	07-Aug-2024	03-Sep-2024					C						70	-5	3	-5	54				
	07-Aug-2024	03-Sep-2024					C						70	-5	3	-5	54				
	07-Aug-2024	03-Sep-2024					C						70	-5	3	-5	54				
	07-Aug-2024	03-Sep-2024					C						70	-5	3	-5	54				
	07-Aug-2024	03-Sep-2024					C						70	-5	3	-5	54				
	07-Aug-2024	03-Sep-2024					C						70	-5	3	-5	54				
	07-Aug-2024	03-Sep-2024					C						70	-5	3	-5	54				
S7 Part 7 (330)	Excavation Works	07-Aug-2024	03-Sep-2024	D	Lorry with crane, 5.5 ton -40CVW < 30 ton		105	D	1	13%	-5	100	100	70	-5	3	-5	53	58		
		07-Aug-2024	03-Sep-2024		Generator	EPD-08156	94	D	1	13%	-5	95	95	70	-5	3	-5	49			
		07-Aug-2024	03-Sep-2024		QPMF Excavator, 106dB(A) eqv	EPD-08290	106	D	1	67%	-2	103	103	70	-5	3	-5	56			
		07-Aug-2024	03-Sep-2024		Master pump, submersible (electric)	CNP 263	85	D	1	50%	-7	78	78	70	-5	3	-10	26			
		07-Aug-2024	03-Sep-2024					D						70	-5	3	-5	53			
		07-Aug-2024	03-Sep-2024					D						70	-5	3	-5	53			
		07-Aug-2024	03-Sep-2024					D						70	-5	3	-5	53			
		07-Aug-2024	03-Sep-2024					D						70	-5	3	-5	53			
		07-Aug-2024	03-Sep-2024					D						70	-5	3	-5	53			
		07-Aug-2024	03-Sep-2024					D						70	-5	3	-5	53			
		07-Aug-2024	03-Sep-2024					D						70	-5	3	-5	53			
		07-Aug-2024	03-Sep-2024					D						70	-5	3	-5	53			
	Excavation Works	07-Aug-2024	03-Sep-2024	E	QPMF Mobile Crane, 105dB(A) eqv	EPD-08156	105	E	1	13%	-5	100	100	70	-5	3	-5	53	54		
		07-Aug-2024	03-Sep-2024		QPMF Generator, 92dB(A) eqv	EPD-11107	92	E	1	100%	0	92	92	70	-5	3	-10	40			
		07-Aug-2024	03-Sep-2024		Welding Machine		100	E	1	50%	-3	97	97	70	-5	3	-10	45			
		07-Aug-2024	03-Sep-2024		Drill/bore, hand-held (electric)		98	E	1	20%	-7	91	91	70	-5	3	-10	39			
		07-Aug-2024	03-Sep-2024					E						70	-5	3	-5	53			
		07-Aug-2024	03-Sep-2024					E						70	-5	3	-5	53			
		07-Aug-2024	03-Sep-2024					E						70	-5	3	-5	53			
		07-Aug-2024	03-Sep-2024					E						70	-5	3	-5	53			
		07-Aug-2024	03-Sep-2024					E						70	-5	3	-5	53			
		07-Aug-2024	03-Sep-2024					E						70	-5	3	-5	53			
		07-Aug-2024	03-Sep-2024					E						70	-5	3	-5	53			
		07-Aug-2024	03-Sep-2024					E						70	-5	3	-5	53			
S7 Part 7 (330)	Forming and Tie Beam Construction	04-Sep-2024	04-Nov-2024	A	QPMF Generator, 92dB(A) eqv	EPD-11107	92	A	1	100%	0	92	92	70	-5	3	-10	40	56		
		04-Sep-2024	04-Nov-2024		Saw, circular, wood	CNP 201	108	A	1	23%	-5	103	103	70	-5	3	-5	51			
		04-Sep-2024	04-Nov-2024		Welding Machine		100	A	1	50%	-3	97	97	70	-5	3	-10	45			
		04-Sep-2024	04-Nov-2024		Drill/bore, hand-held (electric)		98	A	1	20%	-7	91	91	70	-5	3	-10	39			
		04-Sep-2024	04-Nov-2024					A						70	-5	3	-5	51			
		04-Sep-2024	04-Nov-2024					A						70	-5	3	-5	51			
		04-Sep-2024	04-Nov-2024					A						70	-5	3	-5	51			
		04-Sep-2024	04-Nov-2024					A						70	-5	3	-5	51			
		04-Sep-2024	04-Nov-2024					A						70	-5	3	-5	51			
		04-Sep-2024	04-Nov-2024					A						70	-5	3	-5	51			
		04-Sep-2024	04-Nov-2024					A						70	-5	3	-5	51			
		04-Sep-2024	04-Nov-2024					A						70	-5	3	-5	51			
	Forming and Tie Beam Construction	04-Sep-2024	04-Nov-2024	B	QPMF Generator, 92dB(A) eqv	EPD-11107	92	B	1	100%	0	92	92	70	-5	3	-10	40	54		
		04-Sep-2024	04-Nov-2024		Bar Bender and cutter (electric)	CNP 051	90	B	1	13%	-5	85	85	70	-5	3	-5	43			
		04-Sep-2024	04-Nov-2024		QPMF Mobile Crane, 105dB(A) eqv	EPD-08156	105	B	1	13%	-5	100	100	70	-5	3	-5	53			
		04-Sep-2024	04-Nov-2024					B						70	-5	3	-5	53			
		04-Sep-2024	04-Nov-2024					B						70	-5	3	-5	53			
		04-Sep-2024	04-Nov-2024					B						70	-5	3	-5	53			
		04-Sep-2024	04-Nov-2024					B						70	-5	3	-5	53			
		04-Sep-2024	04-Nov-2024					B						70	-5	3	-5	53			
		04-Sep-2024	04-Nov-2024					B						70	-5	3	-5	53			
		04-Sep-2024	04-Nov-2024					B						70	-5	3	-5	53			
		04-Sep-2024	04-Nov-2024					B						70	-5	3	-5	53			
		04-Sep-2024	04-Nov-2024					B						70	-5	3	-5	53			
Forming and Tie Beam Construction	04-Sep-2024	04-Nov-2024	C	QPMF Generator, 92dB(A) eqv	EPD-11107	92	C	1	100%	0	92	92	70	-5	3	-10	40	62			
	04-Sep-2024	04-Nov-2024		Concrete lorry mixer	CNP 044	109	C	1	90%	-3	106	106	70	-5	3	-5	59				
	04-Sep-2024	04-Nov-2024		Concrete pump, stationary/generator mounted	CNP 017	109	C	1	90%	-3	106	106	70	-5	3	-5	59				
	04-Sep-2024	04-Nov-2024		Poker, vibrator, hand-held (electric)		102	C	1	67%	-2	100	100	70	-5	3	-10	48				
	04-Sep-2024	04-Nov-2024					C						70	-5	3	-5	53				
	04-Sep-2024	04-Nov-2024					C						70	-5	3	-5	53				
	04-Sep-2024	04-Nov-2024					C						70	-5	3	-5	53				
	04-Sep-2024	04-Nov-2024					C						70	-5	3	-5	53				
	04-Sep-2024	04-Nov-2024					C						70	-5	3	-5	53				
	04-Sep-2024	04-Nov-2024					C						70	-5	3	-5	53				
	04-Sep-2024	04-Nov-2024					C						70	-5	3	-5	53				
	04-Sep-2024	04-Nov-2024					C						70	-5	3	-5	53				
S7 Part 7 (330)	Ground Slab Construction	04-Nov-2024	06-Dec-2024	A	QPMF Generator, 92dB(A) eqv	EPD-11107	92	A	1	100%	0	92	92	70	-5	3	-10	40	56		
		04-Nov-2024	06-Dec-2024		Saw, circular, wood	CNP 201	108	A	1	23%	-5	103	103	70	-5	3	-5	51			
		04-Nov-2024	06-Dec-2024		Welding Machine		100	A	1	50%	-3	97	97	70	-5	3	-10	45			
		04-Nov-2024	06-Dec-2024		Drill/bore, hand-held (electric)		98	A	1	20%	-7	91	91	70	-5	3	-10	39			
		04-Nov-2024	06-Dec-2024					A						70	-5	3	-5	51			
		04-Nov-2024	06-Dec-2024					A						70	-5	3	-5	51			
		04-Nov-2024	06-Dec-2024					A						70	-5	3	-5	51			
		04-Nov-2024	06-Dec-2024					A						70	-5	3	-5	51			
		04-Nov-2024	06-Dec-2024					A						70	-5	3	-5	51			
		04-Nov-2024	06-Dec-2024					A						70	-5	3</					

Construction Noise Assessment

Contract No.:	HY/2023/08
Contract Name:	Central Kitchen Bids - Remainder Work
Contractor:	Budd Kim - Tuna Lee Joint Venture

Period:
NSR IN (CNMMD):
NSR IN (FIA Rnt):
NSR IN (FIA Rnt):

0700 - 1900 (except general holidays)

W.N26A
御臨花園1座
Mitigation Measures Scenario

Max Noise Level (dBA)

[illegible]



Appendix 3.1	-	Detailed Construction Noise Assessment 3.1.4 - W-N8A Tak Cheong Building 德昌大廈
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100% 90% 80% 70% 60% 50% 40% 30% 20% 10% 0%

[illegible]

May Notice 1 v (AP/AT)

Construction Noise Assessment																			
Contract No. - Project Name - Client Name -		Revision - Rev 1 of 1 (N/A) Rev 2 of 1 (N/A) Rev 3 of 1 (N/A) Rev 4 of 1 (N/A) Rev 5 of 1 (N/A) Rev 6 of 1 (N/A) Rev 7 of 1 (N/A) Rev 8 of 1 (N/A) Rev 9 of 1 (N/A) Rev 10 of 1 (N/A) Rev 11 of 1 (N/A) Rev 12 of 1 (N/A) Rev 13 of 1 (N/A) Rev 14 of 1 (N/A) Rev 15 of 1 (N/A) Rev 16 of 1 (N/A) Rev 17 of 1 (N/A) Rev 18 of 1 (N/A) Rev 19 of 1 (N/A) Rev 20 of 1 (N/A) Rev 21 of 1 (N/A) Rev 22 of 1 (N/A) Rev 23 of 1 (N/A) Rev 24 of 1 (N/A) Rev 25 of 1 (N/A) Rev 26 of 1 (N/A) Rev 27 of 1 (N/A) Rev 28 of 1 (N/A) Rev 29 of 1 (N/A) Rev 30 of 1 (N/A) Rev 31 of 1 (N/A) Rev 32 of 1 (N/A) Rev 33 of 1 (N/A) Rev 34 of 1 (N/A) Rev 35 of 1 (N/A) Rev 36 of 1 (N/A) Rev 37 of 1 (N/A) Rev 38 of 1 (N/A) Rev 39 of 1 (N/A) Rev 40 of 1 (N/A) Rev 41 of 1 (N/A) Rev 42 of 1 (N/A) Rev 43 of 1 (N/A) Rev 44 of 1 (N/A) Rev 45 of 1 (N/A) Rev 46 of 1 (N/A) Rev 47 of 1 (N/A) Rev 48 of 1 (N/A) Rev 49 of 1 (N/A) Rev 50 of 1 (N/A) Rev 51 of 1 (N/A) Rev 52 of 1 (N/A) Rev 53 of 1 (N/A) Rev 54 of 1 (N/A) Rev 55 of 1 (N/A) Rev 56 of 1 (N/A) Rev 57 of 1 (N/A) Rev 58 of 1 (N/A) Rev 59 of 1 (N/A) Rev 60 of 1 (N/A) Rev 61 of 1 (N/A) Rev 62 of 1 (N/A) Rev 63 of 1 (N/A) Rev 64 of 1 (N/A) Rev 65 of 1 (N/A) Rev 66 of 1 (N/A) Rev 67 of 1 (N/A) Rev 68 of 1 (N/A) Rev 69 of 1 (N/A) Rev 70 of 1 (N/A) Rev 71 of 1 (N/A) Rev 72 of 1 (N/A) Rev 73 of 1 (N/A) Rev 74 of 1 (N/A) Rev 75 of 1 (N/A) Rev 76 of 1 (N/A) Rev 77 of 1 (N/A) Rev 78 of 1 (N/A) Rev 79 of 1 (N/A) Rev 80 of 1 (N/A) Rev 81 of 1 (N/A) Rev 82 of 1 (N/A) Rev 83 of 1 (N/A) Rev 84 of 1 (N/A) Rev 85 of 1 (N/A) Rev 86 of 1 (N/A) Rev 87 of 1 (N/A) Rev 88 of 1 (N/A) Rev 89 of 1 (N/A) Rev 90 of 1 (N/A) Rev 91 of 1 (N/A) Rev 92 of 1 (N/A) Rev 93 of 1 (N/A) Rev 94 of 1 (N/A) Rev 95 of 1 (N/A) Rev 96 of 1 (N/A) Rev 97 of 1 (N/A) Rev 98 of 1 (N/A) Rev 99 of 1 (N/A) Rev 100 of 1 (N/A)		0700 - 1900 (except normal holidays) W.A.M. Midnight Measure Scenario		Max Noise L or (dB(A)) 12													
WorkSite	Activity Name	Start	Finish	Group	PME	PME Information	TM Ref. / other Ref.	Unit SWL (dB(A))	PME Arrangement	Quantity	On-time %	Time Factor	Time Weighted SWL (dB(A))	Distance Correction (m)	Distance Attenuation (dB(A))	Facade Correction (dB(A))	Barrier Correction (dB(A))	Predicted Noise Level (dB(A))	Total Predicted Noise Level for each group (dB(A))
SLPWH 3A/28/3C	Paving Works	30-Jul-2024	12-Aug-2024	A	CEMTE Mobile Crane 105000(A) eqv	EXP-08156	105	A	1	22%	-5	100	100	420	-60	2		42	45
		30-Jul-2024	12-Aug-2024		Excavator	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		30-Jul-2024	12-Aug-2024		CEMTE Generator 5000(A) eqv	EXP-08156	105	A	1	22%	-5	100	100	420	-60	2		42	
		30-Jul-2024	12-Aug-2024		Grout mixer	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		30-Jul-2024	12-Aug-2024											420	-60	2		42	
		30-Jul-2024	12-Aug-2024											420	-60	2		42	
		30-Jul-2024	12-Aug-2024											420	-60	2		42	
		30-Jul-2024	12-Aug-2024											420	-60	2		42	
		30-Jul-2024	12-Aug-2024											420	-60	2		42	
		30-Jul-2024	12-Aug-2024											420	-60	2		42	
SLPWH 3A/28/3C	Lighting Installation, Power and CCTV System Installation	30-Jul-2024	12-Aug-2024	B	Lorry with crane 5.5 ton CPQWV < 35 ton	EXP-08156	105	B	1	22%	-5	100	100	420	-60	2		42	45
		30-Jul-2024	12-Aug-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	B	1	100%	0	92	92	420	-60	2		42	
		30-Jul-2024	12-Aug-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	B	1	100%	0	92	92	420	-60	2		42	
		30-Jul-2024	12-Aug-2024		Grout mixer	EXP-11107	92	B	1	100%	0	92	92	420	-60	2		42	
		30-Jul-2024	12-Aug-2024											420	-60	2		42	
		30-Jul-2024	12-Aug-2024											420	-60	2		42	
		30-Jul-2024	12-Aug-2024											420	-60	2		42	
		30-Jul-2024	12-Aug-2024											420	-60	2		42	
		30-Jul-2024	12-Aug-2024											420	-60	2		42	
		30-Jul-2024	12-Aug-2024											420	-60	2		42	
SLPWH 3A/28/3C	Ramp Shelter, Bench, Bins, Signage Installation	06-Aug-2024	10-Aug-2024	A	CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	43
		06-Aug-2024	10-Aug-2024		Deliverable hand-held (select)	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		06-Aug-2024	10-Aug-2024		Deliverable hand-held (select)	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		06-Aug-2024	10-Aug-2024		Deliverable hand-held (select)	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		06-Aug-2024	10-Aug-2024		Deliverable hand-held (select)	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		06-Aug-2024	10-Aug-2024		Deliverable hand-held (select)	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		06-Aug-2024	10-Aug-2024		Deliverable hand-held (select)	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		06-Aug-2024	10-Aug-2024		Deliverable hand-held (select)	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		06-Aug-2024	10-Aug-2024		Deliverable hand-held (select)	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		06-Aug-2024	10-Aug-2024		Deliverable hand-held (select)	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
SLPWH 3A/28/3C	Shrub Planting	20-Aug-2024	02-Sep-2024	A	Lorry with crane 5.5 ton CPQWV < 35 ton	EXP-08156	105	A	1	22%	-5	100	100	420	-60	2		42	45
		20-Aug-2024	02-Sep-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		20-Aug-2024	02-Sep-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		20-Aug-2024	02-Sep-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		20-Aug-2024	02-Sep-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		20-Aug-2024	02-Sep-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		20-Aug-2024	02-Sep-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		20-Aug-2024	02-Sep-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		20-Aug-2024	02-Sep-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		20-Aug-2024	02-Sep-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
SLPWH 3A/28/3C	Fence and Gate Installation	20-Aug-2024	02-Sep-2024	A	Lorry with crane 5.5 ton CPQWV < 35 ton	EXP-08156	105	A	1	22%	-5	100	100	420	-60	2		42	45
		20-Aug-2024	02-Sep-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		20-Aug-2024	02-Sep-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		20-Aug-2024	02-Sep-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		20-Aug-2024	02-Sep-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		20-Aug-2024	02-Sep-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		20-Aug-2024	02-Sep-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		20-Aug-2024	02-Sep-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		20-Aug-2024	02-Sep-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		20-Aug-2024	02-Sep-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
SLPWH 3A/28/3C	Excavation and Footing Construction for Toilet Building	18-Jun-2024	11-Jul-2024	A	CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	45
		18-Jun-2024	11-Jul-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		18-Jun-2024	11-Jul-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		18-Jun-2024	11-Jul-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		18-Jun-2024	11-Jul-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		18-Jun-2024	11-Jul-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		18-Jun-2024	11-Jul-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		18-Jun-2024	11-Jul-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		18-Jun-2024	11-Jul-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		18-Jun-2024	11-Jul-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
SLPWH 3A/28/3C	Wall Construction at Toilet Building	12-Jun-2024	12-Jun-2024	A	CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	45
		12-Jun-2024	12-Jun-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		12-Jun-2024	12-Jun-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		12-Jun-2024	12-Jun-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		12-Jun-2024	12-Jun-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		12-Jun-2024	12-Jun-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		12-Jun-2024	12-Jun-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		12-Jun-2024	12-Jun-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		12-Jun-2024	12-Jun-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		12-Jun-2024	12-Jun-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
SLPWH 3A/28/3C	Roof Construction at Toilet Building	12-Jun-2024	12-Jun-2024	A	CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	45
		12-Jun-2024	12-Jun-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		12-Jun-2024	12-Jun-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		12-Jun-2024	12-Jun-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		12-Jun-2024	12-Jun-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		42	
		12-Jun-2024	12-Jun-2024		CEMTE Generator 5000(A) eqv	EXP-11107	92	A	1	100%	0	92	92	420	-60	2		4	

Worksheet	Activity Name	Start	Finish	Group	PME	PME Information	TM Ref. or Other Ref.	Unit SWL (dB(A))	PME Arrangement		On-site %	On-Time Correction		Total SWL (dB(A))	Distance (m)	Distance Attenuation (dB(A))	Facade Correction (dB(A))	Barrier Correction (dB(A))	Predicted Noise Level (dB(A))	Total Predicted Noise Level for each group (dB(A))
									Group	Quantity		Time Factor	Time Weighted SWL (dB(A))							
S3Part 3A-3B-3C	Excavation and Footing Construction for Pump and Tank Room & Electrical Room	12-Aug-2025	15-Sep-2025	A	CPME Generator - 5250(A) new	CPME Generator - 5250(A) new	EPD-11107	92	A	1	100%	0	92	92	420	-60	3	10	25	48
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025		Saw, circular, wood	CHP-201	108	A	1	38%	3	103	103	420	-60	3		46		
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025		Re-new, hand-held, wood (electric)	-	99	A	1	90%	3	96	96	420	-60	3		44		
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025		CPME Mobile Crane - 10500(A) new	EPD-08156	105	A	1	31%	3	99	100	420	-60	3		43		
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025	B	CPME Generator - 5250(A) new	CPME Generator - 5250(A) new	EPD-11107	92	B	1	100%	0	92	92	420	-60	3	10	25	43
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025		Re-bender and cutter (electric)	CHP-021	90	B	1	33%	3	85	85	420	-60	3		28		
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025		CPME Mobile Crane - 10500(A) new	EPD-08156	105	B	1	31%	3	100	100	420	-60	3		43		
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025	C	CPME Generator - 5250(A) new	CPME Generator - 5250(A) new	EPD-11107	92	C	1	100%	0	92	92	420	-60	3	10	25	50
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025		Concrete form mixer	CHP-044	109	C	1	33%	3	104	104	420	-60	3		47		
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025		Concrete pump, stationary/ply required	CHP-047	109	C	1	33%	3	104	104	420	-60	3		47		
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025		Drake, vibratory, hand-held (electric)	-	107	C	1	90%	3	99	99	420	-60	3		42		
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025	D	CPME Excavator - 10500(A) new	CPME Excavator - 10500(A) new	EPD-08269	105	D	1	87%	3	102	102	420	-60	3		46	48
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025		Dump truck/ Grab box, 5.5 ton xPQWV - 38 ton	-	105	D	1	33%	3	100	100	420	-60	3		43		
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C		12-Aug-2025	15-Sep-2025											420	-60	3				
S3Part 3A-3B-3C	Wall Construction at Pump and Tank Room & Electrical Room	16-Sep-2025	22-Oct-2025	A	CPME Generator - 5250(A) new	CPME Generator - 5250(A) new	EPD-11107	92	A	1	100%	0	92	92	420	-60	3	10	25	48
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025		Saw, circular, wood	CHP-201	108	A	1	38%	3	103	103	420	-60	3		46		
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025		Re-new, hand-held, wood (electric)	-	99	A	1	90%	3	96	96	420	-60	3		44		
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025		CPME Mobile Crane - 10500(A) new	EPD-08156	105	A	1	31%	3	99	100	420	-60	3		43		
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025											420	-60	3				
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025											420	-60	3				
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025											420	-60	3				
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025											420	-60	3				
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025											420	-60	3				
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025											420	-60	3				
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025											420	-60	3				
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025											420	-60	3				
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025	B	CPME Generator - 5250(A) new	CPME Generator - 5250(A) new	EPD-11107	92	B	1	100%	0	92	92	420	-60	3	10	25	43
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025		Re-bender and cutter (electric)	CHP-021	90	B	1	33%	3	85	85	420	-60	3		28		
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025		CPME Mobile Crane - 10500(A) new	EPD-08156	105	B	1	31%	3	100	100	420	-60	3		43		
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025											420	-60	3				
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025											420	-60	3				
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025											420	-60	3				
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025											420	-60	3				
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025											420	-60	3				
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025											420	-60	3				
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025											420	-60	3				
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025											420	-60	3				
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025											420	-60	3				
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025	C	CPME Generator - 5250(A) new	CPME Generator - 5250(A) new	EPD-11107	92	C	1	100%	0	92	92	420	-60	3	10	25	50
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025		Concrete form mixer	CHP-044	109	C	1	33%	3	104	104	420	-60	3		47		
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025		Concrete pump, stationary/ply required	CHP-047	109	C	1	33%	3	104	104	420	-60	3		47		
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025		Drake, vibratory, hand-held (electric)	-	107	C	1	90%	3	99	99	420	-60	3		42		
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025											420	-60	3				
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025											420	-60	3				
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025											420	-60	3				
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025											420	-60	3				
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025											420	-60	3				
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025											420	-60	3				
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025											420	-60	3				
S3Part 3A-3B-3C		16-Sep-2025	22-Oct-2025											420	-60	3				
S3Part 3A-3B-3C	Roof Construction at Pump and Tank Room & Electrical Room	22-Oct-2025	27-Nov-2025	A	CPME Generator - 5250(A) new	CPME Generator - 5250(A) new	EPD-11107	92	A	1	100%	0	92	92	420	-60	3	10	25	48
S3Part 3A-3B-3C		22-Oct-2025	27-Nov-2025		Saw, circular, wood	CHP-201	108	A	1	38%	3	103	103	420	-60	3		46		
S3Part 3A-3B-3C		22-Oct-2025	27-Nov-2025		Re-new, hand-held, wood (electric)	-	99	A	1	90%	3	96	96	420	-60	3		44		
S3Part 3A-3B-3C		22-Oct-2025	27-Nov-2025		CPME Mobile Crane - 10500(A) new	EPD-08156	105	A	1	31%	3	99	100	420	-60	3		43		
S3Part 3A-3B-3C		22-Oct-2025	27-Nov-2025											420	-60	3				
S3Part 3A-3B-3C		22-Oct-2025	27-Nov-2025											420	-60	3				
S3Part 3A-3B-3C		22-Oct-2025	27-Nov-2025											420	-60	3				
S3Part 3A-3B-3C		22-Oct-2025	27-Nov-2025											420	-60	3				
S3Part 3A-3B-3C		22-Oct-2025	27-Nov-2025											420	-60	3				
S3Part 3A-3B-3C		22-Oct-2025	27-Nov-2025											420	-60	3				
S3Part 3A-3B-3C		22-Oct-2025	27-Nov-2025											420	-60	3				
S3Part 3A-3B-3C																				

Construction Noise Assessment																						Max Noise L or dBA(A) L2	
Contract No. - Project Name - Construction -		Revision - Rev 01 of 1 (15/04/2023) NOR W/ FEA Draft NOR Name - Revision -		Revision - Rev 01 of 1 (15/04/2023) NOR W/ FEA Draft NOR Name - Revision -		(700) - 1/100 (represent nominal individuals) W. A. H. A. Noise & Vibration Mitigation Measures Scenario																Max Noise L or dBA(A) L2	
WorkSite	Activity Name	Start	Finish	Group	PME	PME Information	TM Ref. / other Ref.	Unit SWL (dB(A))	PME Arrangement	Group	Quantity	On-time %	Time Factor	Time Weighted SWL (dB(A))	On-Time Correction	Total SWL (dB(A))	Distance Correction	Distance Attenuation (dB(A))	Facade Correction (dB(A))	Barrier Correction (dB(A))	Predicted Noise Level (dB(A))	Total Predicted Noise Level for each group (dB(A))	
S1 Part 7 (330)	Excavation Works	01-Aug-2024	03-Sep-2024	A	QPMF Generator, 32000(A) rev		EPD-11107	92	A	1	100%	0		92	0	92	-30	-30	2	-10	47	65	
		01-Aug-2024	03-Sep-2024		QPMF Hand-held Electric, Breaker, 103 (dB(A)) or rev.		EPD-14688	102	A	1	10%	-5	98	98	0	98	-30	-30	2	-10	54		
		01-Aug-2024	03-Sep-2024						A								-30	-30					
		01-Aug-2024	03-Sep-2024						A								-30	-30					
		01-Aug-2024	03-Sep-2024						A								-30	-30					
		01-Aug-2024	03-Sep-2024						A								-30	-30					
		01-Aug-2024	03-Sep-2024						A								-30	-30					
		01-Aug-2024	03-Sep-2024						A								-30	-30					
		01-Aug-2024	03-Sep-2024						A								-30	-30					
		01-Aug-2024	03-Sep-2024						A								-30	-30					
S1 Part 7 (330)	Excavation Works	01-Aug-2024	03-Sep-2024	B	QPMF Excavator, 10500(A) rev		EPD-08290	105	B	1	67%	-2	103	103	0	103	-30	-30	3	-5	64	65	
		01-Aug-2024	03-Sep-2024		Dump truck/ Grab Rev. 5.5 ton -40CVW - 35 ton			105	B	1	20%	-7	98	98	0	98	-30	-30	3	-5	58		
		01-Aug-2024	03-Sep-2024						B								-30	-30					
		01-Aug-2024	03-Sep-2024						B								-30	-30					
		01-Aug-2024	03-Sep-2024						B								-30	-30					
		01-Aug-2024	03-Sep-2024						B								-30	-30					
		01-Aug-2024	03-Sep-2024						B								-30	-30					
		01-Aug-2024	03-Sep-2024						B								-30	-30					
		01-Aug-2024	03-Sep-2024						B								-30	-30					
		01-Aug-2024	03-Sep-2024						B								-30	-30					
S1 Part 7 (330)	Excavation Works	01-Aug-2024	03-Sep-2024	C	QPMF Mobile Crane, 10500(A) rev		EPD-08156	105	C	1	60%	-6	101	101	0	101	-30	-30	3	-5	61	72	
		01-Aug-2024	03-Sep-2024		QPMF, vibration Hammer		EPD-08290	105	C	1	40%	-6	111	111	0	111	-30	-30	3	-5	71		
		01-Aug-2024	03-Sep-2024		QPMF Excavator, 10500(A) rev			105	C	1	40%	-6	101	101	0	101	-30	-30	3	-5	61		
		01-Aug-2024	03-Sep-2024						C								-30	-30					
		01-Aug-2024	03-Sep-2024						C								-30	-30					
		01-Aug-2024	03-Sep-2024						C								-30	-30					
		01-Aug-2024	03-Sep-2024						C								-30	-30					
		01-Aug-2024	03-Sep-2024						C								-30	-30					
		01-Aug-2024	03-Sep-2024						C								-30	-30					
		01-Aug-2024	03-Sep-2024						C								-30	-30					
S1 Part 7 (330)	Excavation Works	01-Aug-2024	03-Sep-2024	D	Lorry, with crane, 5.5 ton -40CVW - 35 ton			105	C	1	10%	-5	100	100	0	100	-30	-30				66	
		01-Aug-2024	03-Sep-2024		Generator		EPD-08156	92	C	1	10%	-5	95	95	0	95	-30	-30					
		01-Aug-2024	03-Sep-2024		QPMF Excavator, 10500(A) rev		EPD-08290	105	C	1	40%	-6	101	101	0	101	-30	-30					
		01-Aug-2024	03-Sep-2024		Master pump, submersible (detected)		CNP 263	85	C	1	50%	-7	78	78	0	78	-30	-30					
		01-Aug-2024	03-Sep-2024						D								-30	-30					
		01-Aug-2024	03-Sep-2024						D								-30	-30					
		01-Aug-2024	03-Sep-2024						D								-30	-30					
		01-Aug-2024	03-Sep-2024						D								-30	-30					
		01-Aug-2024	03-Sep-2024						D								-30	-30					
		01-Aug-2024	03-Sep-2024						D								-30	-30					
S1 Part 7 (330)	Excavation Works	01-Aug-2024	03-Sep-2024	E	QPMF Mobile Crane, 10500(A) rev		EPD-08156	105	E	1	10%	-5	100	100	0	100	-30	-30				62	
		01-Aug-2024	03-Sep-2024		QPMF Generator, 32000(A) rev		EPD-11107	92	E	1	100%	0	92	92	0	92	-30	-30					
		01-Aug-2024	03-Sep-2024		Welding Machine			90	E	1	50%	-3	87	87	0	87	-30	-30					
		01-Aug-2024	03-Sep-2024		Drill/bore, hand-held (detected)			90	E	1	20%	-7	81	81	0	81	-30	-30					
		01-Aug-2024	03-Sep-2024						E								-30	-30					
		01-Aug-2024	03-Sep-2024						E								-30	-30					
		01-Aug-2024	03-Sep-2024						E								-30	-30					
		01-Aug-2024	03-Sep-2024						E								-30	-30					
		01-Aug-2024	03-Sep-2024						E								-30	-30					
		01-Aug-2024	03-Sep-2024						E								-30	-30					
S1 Part 7 (330)	Forming and Tie Beam Construction	01-Aug-2024	03-Sep-2024	A	QPMF Generator, 32000(A) rev		EPD-11107	92	A	1	100%	0	92	92	0	92	-30	-30				63	
		01-Aug-2024	03-Sep-2024		Saw, circular, wood		CNP 201	108	A	1	20%	-5	102	102	0	102	-30	-30					
		01-Aug-2024	03-Sep-2024		Welding Machine			90	A	1	50%	-3	87	87	0	87	-30	-30					
		01-Aug-2024	03-Sep-2024		Drill/bore, hand-held (detected)			90	A	1	20%	-7	81	81	0	81	-30	-30					
		01-Aug-2024	03-Sep-2024						A								-30	-30					
		01-Aug-2024	03-Sep-2024						A								-30	-30					
		01-Aug-2024	03-Sep-2024						A								-30	-30					
		01-Aug-2024	03-Sep-2024						A								-30	-30					
		01-Aug-2024	03-Sep-2024						A								-30	-30					
		01-Aug-2024	03-Sep-2024						A								-30	-30					
S1 Part 7 (330)	Forming and Tie Beam Construction	01-Aug-2024	03-Sep-2024	B	QPMF Generator, 32000(A) rev		EPD-11107	92	B	1	100%	0	92	92	0	92	-30	-30				61	
		01-Aug-2024	03-Sep-2024		QPMF Mobile Crane, 10500(A) rev		EPD-08156	105	B	1	10%	-5	100	100	0	100	-30	-30					
		01-Aug-2024	03-Sep-2024						B								-30	-30					
		01-Aug-2024	03-Sep-2024						B								-30	-30					
		01-Aug-2024	03-Sep-2024						B								-30	-30					
		01-Aug-2024	03-Sep-2024						B								-30	-30					
		01-Aug-2024	03-Sep-2024						B								-30	-30					
		01-Aug-2024	03-Sep-2024						B								-30	-30					
		01-Aug-2024	03-Sep-2024						B								-30	-30					
		01-Aug-2024	03-Sep-2024						B								-30	-30					
S1 Part 7 (330)	Forming and Tie Beam Construction	01-Aug-2024	03-Sep-2024	C	QPMF Generator, 32000(A) rev		EPD-11107	92	C	1	100%	0	92	92	0	92	-30	-30				70	
		01-Aug-2024	03-Sep-2024		Concrete form, stationary/detachable, mounted		CNP 644	109	C	1	50%	-3	106	106	0	106	-30	-30					
		01-Aug-2024	03-Sep-2024		Concrete pump, stationary/detachable, mounted		CNP 647	109	C	1	50%	-3	106	106	0	106	-30	-30					
		01-Aug-2024	03-Sep-2024		Pulley, vibratory, hand-held (detected)			102	C	1	67%	-2	100										

Construction Noise Assessment

Contract No.:	HV/2023/08
Contract Name:	Central Kitchen Resta - Remanining Works
Contractor:	BUILD K&N - TURN I &P Joint Venture

Period:
NSR IN (CNMMP):
NSR IN (FLA Ref):

0700 - 1900 (except general holidays)
4
W-NRA

May Notice 1 w/ (RPA)

WorkSite	Activity Name	Start	Finish	Group	PME	PME Information				TM Ref. / Other Ref.	Unit SWL (dB(A))	PME Group		On-time %	Time Factor	On-Time Correction		Total SWL (dB(A))	Distance Correction		Fagade Correction (dB(A))	Barrier Correction (dB(A))	Predicted Noise Level (dB(A))	Total Predicted Noise Level for each group (dB(A))
						Group	Quantity	Time Weighted SWL (dB(A))	Time Factor			National Distance (m)	Distance Attenuation (dB(A))											
S7-Part 7 (200)	Column and Wall Construction (1st Floor to Roof Floor)	10-Aug-2026	09-May-2026	A	CPME Generator 5000(A) rev	EPD-11107	92	A	1	100%	0	92	92	30	-38	3	10	47	63					
		10-Aug-2026	09-May-2026		Saw, circular, wood	CNP-204	108	A	1	23%	-5	103	103	30	-38	3	10	59						
		10-Aug-2026	09-May-2026		On-new hand-held, wood (select)	---	96	A	1	50%	-3	96	96	30	-38	3	10	51						
		10-Aug-2026	09-May-2026		CPME Mobile Crane 10000(A) rev	EPD-08156	105	A	1	23%	-5	100	100	30	-38	3	10	61						
		10-Aug-2026	09-May-2026		---	---	---	---	---	---	---	---	---	---	---	---	---	---		---				
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10-Aug-2026	09-May-2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---								
10-Aug-2026	09-May-2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---								
10-Aug-2026	09-May-2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---								
10-Aug-2026	09-May-2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---								
10-Aug-2026	09-May-2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---								
10-Aug-2026	09-May-2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---								
10-Aug-2026	09-May-2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---								
10-Aug-2026	09-May-2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---								
10-Aug-2026	09-May-2026	---	---	---	---	---	---	---	---	---														

[illegible]



Appendix 3.2	-	Accumulated Noise Level 3.2.1 - W-N1A Yau Ma Tei Catholic Primary School (Hoi Wang Road) 油麻地天主教小學(海泓道)
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Contract No.:	<u>HY/2023/08</u>
Contract Name:	<u>Central Kowloon Route - Remaining Works</u>
Contractor:	<u>Build King - Tung Lee Joint Venture</u>

NSR ID (CNMMP):	<u>1</u>
NSR ID (EIA Rpt):	<u>W-N1A</u>
NSR Name:	<u>油麻地天主教小學(海泓道)</u>
Scenario:	<u>Mitigation Measures Scenario</u>

[illegible]

		2024																								2025			
		Year																											
		Month	Jul	Aug					Sep				Oct				Nov				Dec			Jan					
Max SPL of the Month (RMW only), dB(A)	Week Number		31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	
	Total SPL (RMW only), dB(A)							52	52	52	54	54	54	54	54	56	56	56	53	53	56	56	59	59	59	59	59	59	
	Corrected SPL (RMW only), dB(A)		52					54				54				56					59				59			59	
	Exceedance (RMW only), dB(A)		-	-				-	-			-	-			-	-				-	-			-	-			
Range (RMW only), dB(A)			36					-					62																

		2024																		2025							
		Year																									
		Month	Jul	Aug					Sep				Oct				Nov			Dec	Jan						
Cumulative Exceedance (RMW+YMTE+BEM+YMTW), dB(A)	Total SPL (YMTE only), dB(A)	-	-	0				0				0				0				0				0			
	Total SPL (BEM only), dB(A)	-	-	59				56				56				56				0				0			
	Total SPL (YMTW only), dB(A)	-	-	0				0				0				0				0				0			
	Cumulative SPL (RMW+YMTE+BEM+YMTW), dB(A)	-	-	60				58				58				59				59				59			
Range (RMW+YMTE+BEM+YMTW), dB(A)			48					-					71														

Reference Information
 CNMMP of CKR-YMTE: https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.17.1_combined.pdf
 CNMMP of CKR-BEM: https://www.ckr-eia.com/doc/CNMMP_BEM_Rev%20F.pdf
 CNMMP of CKR-YMTW: [https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.D%20\(full\).pdf](https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.D%20(full).pdf)

Accumulated Noise Level

Contract No.:	HY/2023/08
Contract Name:	Central Kowloon Route - Remaining Works
Contractor:	Build King - Tung Lee Joint Venture

Worksite	Activities	Construction Period		Year																																																
		Start	Complete	Month							Feb							Mar							Apr							May							Jun							Jul						
				Week Number	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30																						
S1-Part 1A	Site preparation, installation, temporary fence, carry out survey, mobilization of plants at Parts 1A	20-Aug-2024	24-Sep-2024																																																	
S1-Part 1A	Installation of Drainage System (Catch pit and Discharge pipe)	25-Sep-2024	18-Nov-2024																																																	
S1-Part 1A	Installation of Utilities (Cable duct for Lighting, Power and CCTV System)	25-Sep-2024	18-Nov-2024																																																	
S1-Part 1A	RC Works (Kerb, Footing for Railing & Other Facilities)	01-Nov-2024	13-Jan-2025																																																	
S1-Part 1A	Drainage Layer and Waterproofing Installation at Planting Area	06-Dec-2024	03-Feb-2025		53																																															
S1-Part 1A	Wall Finishes at Plant Boxes	14-Jan-2025	10-Mar-2025		50	50	50	50	50	50	50																																									
S1-Part 1A	Soil Laying	21-Feb-2025	15-Apr-2025																																																	
S1-Part 1A	Installation of Irrigation Pipe and Ducting	28-Mar-2025	08-May-2025																																																	
S1-Part 1A	Tree Planting	09-May-2025	13-Jun-2025																																																	
S1-Part 1A	Lawn Installation, Paving Works and Balustrade Installation	27-May-2025	02-Jul-2025																																																	
S1-Part 1A	Lighting Installation, Power and CCTV System Installation	27-May-2025	19-Jul-2025																																																	
S1-Part 1A	Fitness Equipment, Rain Shelter, Bench, Rubbish Bin and Signage Installation	14-Jun-2025	19-Jul-2025																																																	
S1-Part 1A	Shrub Planting	14-Jun-2025	19-Jul-2025																																																	
S1-Part 1B & 1C	Site preparation, carry out survey, mobilization of plants at Parts 1B & 1C	20-Dec-2024	13-Jan-2025																																																	
S1-Part 1B & 1C	Installation of Drainage System (Catch pit and Discharge pipe)	14-Jan-2025	20-Feb-2025		54	54	54																																													
S1-Part 1B & 1C	Installation of Utilities (Cable duct for Lighting, Power and CCTV System)	14-Jan-2025	20-Feb-2025		53	53	53																																													
S1-Part 1B & 1C	RC Works (Kerb, Footing for Railing & Other Facilities)	04-Feb-2025	27-Mar-2025			55	55	55	55	55	55	55	55																																							
S1-Part 1B & 1C	Drainage Layer and Waterproofing Installation at Planting Area	11-Mar-2025	08-Apr-2025																																																	
S1-Part 1B & 1C	Wall Finishes at Plant Boxes	01-Apr-2025	03-May-2025																																																	
S1-Part 1B & 1C	Soil Laying	16-Apr-2025	19-May-2025																																																	
S1-Part 1B & 1C	Installation of Irrigation Pipe and Ducting	06-May-2025	03-Jun-2025																																																	
S1-Part 1B & 1C	Tree Planting	04-Jun-2025	02-Jul-2025																																																	
S1-Part 1B & 1C	Lawn Installation, Paving Works and Balustrade Installation	18-Jun-2025	16-Jul-2025																																																	
S1-Part 1B & 1C	Lighting Installation, Power and CCTV System Installation	18-Jun-2025	23-Jul-2025																																																	
S1-Part 1B & 1C	Rain Shelter, Bench, Rubbish Bin and Signage Installation	03-Jul-2025	30-Jul-2025																																																	
S1-Part 1B & 1C	Shrub Planting	03-Jul-2025	30-Jul-2025																																																	
S1-Part 1D+1F	Site preparation, hoarding installation, temporary fence, carry out survey, mobilization of plants at Parts 1D	04-Oct-2025	10-Nov-2025																																																	
S1-Part 1D+1F	Installation of Drainage System (Catch pit and Discharge pipe)	11-Nov-2025	05-Jan-2026																																																	
S1-Part 1D+1F	Installation of Utilities (Cable duct for Lighting, Power and CCTV System)	11-Nov-2025	05-Jan-2026																																																	
S1-Part 1D+1F	RC Works (Kerb, Footing for Railing & Other Facilities)	16-Dec-2025	02-Mar-2026																																																	
S1-Part 1D+1F	Drainage Layer and Waterproofing Installation at Planting Area	23-Jan-2026	19-Jan-2026																																																	
S1-Part 1D+1F	Wall Finishes at Plant Boxes	03-Mar-2026	28-Apr-2026																																																	
S1-Part 1D+1F	Soil Laying	11-Apr-2026	04-Jun-2026																																																	
S1-Part 1D+1F	Installation of Irrigation Pipe and Ducting	18-May-2026	23-Jun-2026																																																	
S1-Part 1D+1F	Tree Planting	24-Jun-2026	29-Jul-2026																																																	
S1-Part 1D+1F	Lawn Installation, Paving Works and Balustrade Installation	13-Jul-2026	15-Aug-2026																																																	
S1-Part 1D+1F	Lighting Installation, Power and CCTV System Installation	13-Jul-2026	02-Sep-2026																																																	
S1-Part 1D+1F	Children's Play Area, Rain Shelter, Bench, Rubbish Bin and Signage Installation	30-Jul-2026	02-Sep-2026																																																	
S1-Part 1D+1F	Shrub Planting	30-Jul-2026	02-Sep-2026																																																	
S1-Part 1D+1F	Fence and Gate Installation	03-Sep-2026	09-Oct-2026																																																	
S1-Part 1D	Park Office Construction	11-Nov-2025	22-Jan-2026																																																	
S1-Part 1D	Basketball Construction	23-Jan-2026	10-Apr-2026																																																	
S1-Part 1D	ABWF at Park Office	23-Jan-2026	02-Mar-2026																																																	
S1-Part 1D	Building Services at Park Office	03-Mar-2026	28-Mar-2026																																																	
S1-Part 1D	Planting, Basketball Stand and Flood Light Installation	11-Apr-2026	04-Jun-2026																																																	
S2-Part 2A+2D	Site preparation, hoarding installation, temporary fence, carry out survey, mobilization of plants at Parts 2A & 2D	04-Jul-2025	02-Aug-2025																																																	
S2-Part 2A+2D	Staff Amenity & Park Office Building Construction	04-Aug-2025	14-Oct-2025																																																	
S2-Part 2A+2D	ABWF at Staff Amenity & Park Office Building	15-Oct-2025	19-Nov-2025																																																	
S2-Part 2A+2D	Building Services Installation at Staff Amenity & Park Office Building	20-Nov-2025	14-Jan-2026																																																	
S2-Part 2A+2D	Staff Ancillary Building Construction	15-Oct-2025	24-Dec-2025																																																	
S2-Part 2A+2D	ABWF at Staff Ancillary Building	27-Dec-2025	31-Jan-2026																																																	
S2-Part 2A+2D	Building Services Installation at Staff Ancillary Building	02-Feb-2026	28-Mar-2026																																																	
S2-Part 2A+2D	Installation of Drainage System (Catch pit and Discharge pipe)	27-Dec-2025	31-Jan-2026																																																	
S2-Part 2A+2D	Installation of Utilities (Cable duct for Lighting, Power and CCTV System)	27-Dec-2025	31-Jan-2026																																																	
S2-Part 2A+2D	RC Works (Kerb, Footing for Railing & Other Facilities)	15-Jan-2026	21-Feb-2026																																																	
S2-Part 2A+2D	Drainage Layer and Waterproofing Installation at Planting Area	02-Feb-2026	04-Mar-2026																																																	
S2-Part 2A+2D	Wall Finishes at Plant Boxes	23-Feb-2026	21-Mar-2026																																																	
S2-Part 2A+2D	Soil Laying	09-Mar-2026	09-Apr-2026																																																	
S2-Part 2A+2D	Installation of Irrigation Pipe and Ducting	23-Mar-2026	23-Apr-2026																																																	
S2-Part 2A+2D	Tree Planting	24-Apr-2026	23-May-2026																																																	
S2-Part 2A+2D	Lawn Installation, Paving Works and Balustrade Installation	09-May-2026	06-Jun-2026																																																	
S2-Part 2A+2D	Lighting Installation, Power and CCTV System Installation	09-May-2026	13-Jun-2026																																																	
S2-Part 2A+2D	Bench, Rubbish Bin and Signage Installation	23-May-2026	22-Jun-2026																																																	
S2-Part 2A+2D	Shrub Planting	23-May-2026	22-Jun-2026																																																	
S2-Part 2A+2D	Fence and Gate Installation	23-Jun-2026	28-Jul-2026																																																	
S2-Part 2B+2C	Site preparation, hoarding installation, temporary fence, carry out survey, mobilization of plants at Parts 2B & 2C	04-Oct-2025	02-Nov-2025																																																	
S2-Part 2B+2C	Installation of Drainage System (Catch pit and Discharge pipe)	03-Nov-2025	06-Dec-2025																																																	
S2-Part 2B+2C	Installation of Utilities (Cable duct for Lighting, Power and CCTV System)	03-Nov-2025	06-Dec-2025																																																	

[illegible]

Reference Information
 CNMMP of CKR-YMTE: https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.17.1_combined.pdf
 CNMMP of CKR-BEM: https://www.ckr-eia.com/doc/CNMMP_BEM_Rev%20F.pdf
 CNMMP of CKR-YMTW: [https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.D%20\(full\).pdf](https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.D%20(full).pdf)

Contract No.:	HY/2023/08
Contract Name:	Central Kowloon Route - Remaining Works
Contractor:	Build King - Tung Lee Joint Venture

Estimation under this CNMMP																																																								
Construction Period		Year																																																						
Start	Complete	Month	Aug	Sep					Oct					Nov					Dec					2026 Jan																																
Week Number		31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5																												
20-Aug-2024	24-Sep-2024																																																							
25-Sep-2024	18-Nov-2024																																																							
25-Sep-2024	18-Nov-2024																																																							
01-Nov-2024	13-Jan-2025																																																							
06-Dec-2024	03-Feb-2025																																																							
14-Jan-2025	10-Mar-2025																																																							
21-Feb-2025	15-Apr-2025																																																							
28-Mar-2025	08-May-2025																																																							
09-May-2025	13-Jun-2025																																																							
27-May-2025	02-Jul-2025																																																							
27-May-2025	19-Jul-2025																																																							
14-Jun-2025	19-Jul-2025																																																							
14-Jun-2025	19-Jul-2025																																																							
20-Dec-2024	13-Jan-2025																																																							
14-Jan-2025	20-Feb-2025																																																							
14-Jan-2025	20-Feb-2025																																																							
04-Feb-2025	27-Mar-2025																																																							
11-Mar-2025	08-Apr-2025																																																							
01-Apr-2025	03-May-2025																																																							
16-Apr-2025	19-May-2025																																																							
06-May-2025	03-Jun-2025																																																							
04-Jun-2025	02-Jul-2025																																																							
18-Jun-2025	16-Jul-2025																																																							
18-Jun-2025	23-Jul-2025																																																							
03-Jul-2025	30-Jul-2025																																																							
03-Jul-2025	30-Jul-2025																																																							
04-Oct-2025	10-Nov-2025										49	49	49	49	49	49																																								
11-Nov-2025	05-Jan-2026																	47	47	47	47	47	47	47	47																															
11-Nov-2025	05-Jan-2026																	47	47	47	47	47	47	47	47																															
16-Dec-2025	02-Mar-2026																																																							
23-Jan-2026	19-Mar-2026																						49	49	49	49	49	49	49																											
03-Mar-2026	28-Apr-2026																																																							
11-Apr-2026	04-Jun-2026																																																							
18-May-2026	23-Jun-2026																																																							
24-Jun-2026	29-Jul-2026																																																							
12-Jul-2026	15-Aug-2026																																																							
13-Jul-2026	02-Sep-2026																																																							
30-Jul-2026	02-Sep-2026																																																							
03-Jul-2026	02-Sep-2026																																																							
03-Sep-2026	09-Oct-2026																																																							

	Year	Month
Total SPL (YMTE only), dB(A)		
Total SPL (BEM only), dB(A)		
Total SPL (YMTW only), dB(A)		
Cumulative SPL (RMW+YMTE+BEM+YMTW), dB(A)		
Relative Exceedance (RMW+YMTE+BEM+YMTW), dB(A)		
Range (RMW+YMTE+BEM+YMTW), dB(A)	48	71

Reference Information
 CNMMP of CKR-YMTE: https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.17.1_combined.pdf
 CNMMP of CKR-BEM: https://www.ckr-eia.com/doc/CNMMP_BEM_Rev%20F.pdf
 CNMMP of CKR-YMTW: [https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.D%20\(full\).pdf](https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.D%20(full).pdf)

Contract No.: HY/2023/08
Contract Name: Central Kowloon Route - Remaining Works
Contractor: Build King - Tung Lee Joint Venture

[illegible]

	Year																																			
	Month																																			
	Feb							Mar							Apr							May							Jun				Jul			
Week Number	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30											
Total SPL (RMW only), dB(A)	59	58	58	58	58	58	58	56	56	57	57	57	56	56	56	55	55	54	54	54	52	54	54	55	54											
Max SPL of the Month (RMW only), dB(A)	59				58				57				56					54				55														
Corrected SPL (RMW only), dB(A)																																				
Exceedance (RMW only), dB(A)	--				--				--				--					--				--														
Range (RMW only), dB(A)																																				
36	-																																			
	62																																			
	Year																																			
	Month																																			
	Feb							Mar							Apr							May							Jun				Jul			
Total SPL (YMTW only), dB(A)	0				0			0				0				0					0			0												
Total SPL (BEM only), dB(A)	0				0			0				0				0					0			0												
Total SPL (YMTW only), dB(A)	0				0			0				0				0					0			0												
Cumulative SPL (RMW+YMTW+BEM+YMTW), dB(A)	59				58			57				56				54					55			55												
Cumulative Exceedance (RMW+YMTW+BEM+YMTW), dB(A)	--				--			--				--				--					--			--												
Range (RMW+YMTW+BEM+YMTW), dB(A)																																				
48	-																																			
	71																																			

Reference Information
 CNMMP of CKR-YMTE: https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.17.1_combined.pdf
 CNMMP of CKR-BEM: https://www.ckr-eia.com/doc/CNMMP_BEM_Rev%20F.pdf
 CNMMP of CKR-YMTW: [https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.D%20\(full\).pdf](https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.D%20(full).pdf)

Accumulated Noise Level

Contract No.:	HY/2023/08
Contract Name:	Central Kowloon Route - Remaining Works
Contractor:	Build King - Tung Lee Joint Venture

Worksite	Activities	Construction Period		Year																				
		Start	Complete	Month	Aug										Sep				Oct				Nov	Dec
				Week Number	31	32	33	34	35	36	37	38	39	40	41	42	43	44						
S1-Part 1A	Site preparation, installation, temporary fence, carry out survey, mobilization of plants at Parts 1A	20-Aug-2024	24-Sep-2024																					
S1-Part 1A	Installation of Drainage System (Catch pit and Discharge pipe)	25-Sep-2024	18-Nov-2024																					
S1-Part 1A	Installation of Utilities (Cable duct for Lighting, Power and CCTV System)	25-Sep-2024	18-Nov-2024																					
S1-Part 1A	RC Works (Kerb, Footing for Railing & Other Facilities)	01-Nov-2024	13-Jan-2025																					
S1-Part 1A	Drainage Layer and Waterproofing Installation at Planting Area	06-Dec-2024	03-Feb-2025																					
S1-Part 1A	Wall Finishes at Plant Boxes	14-Jan-2025	10-Mar-2025																					
S1-Part 1A	Soil Laying	21-Feb-2025	15-Apr-2025																					
S1-Part 1A	Installation of Irrigation Pipe and Ducting	28-Mar-2025	08-May-2025																					
S1-Part 1A	Tree Planting	09-May-2025	13-Jun-2025																					
S1-Part 1A	Lawn Installation, Paving Works and Balustrade Installation	27-May-2025	02-Jul-2025																					
S1-Part 1A	Lighting Installation, Power and CCTV System Installation	27-May-2025	19-Jul-2025																					
S1-Part 1A	Fitness Equipment, Rain Shelter, Bench, Rubbish Bin and Signage Installation	14-Jun-2025	19-Jul-2025																					
S1-Part 1A	Shrub Planting	14-Jun-2025	19-Jul-2025																					
S1-Part 1B & 1C	Site preparation, carry out survey, mobilization of plants at Parts 1B & 1C	20-Dec-2024	13-Jan-2025																					
S1-Part 1B & 1C	Installation of Drainage System (Catch pit and Discharge pipe)	14-Jan-2025	20-Feb-2025																					
S1-Part 1B & 1C	Installation of Utilities (Cable duct for Lighting, Power and CCTV System)	14-Jan-2025	20-Feb-2025																					
S1-Part 1B & 1C	RC Works (Kerb, Footing for Railing & Other Facilities)	04-Feb-2025	27-Mar-2025																					
S1-Part 1B & 1C	Drainage Layer and Waterproofing Installation at Planting Area	11-Mar-2025	08-Apr-2025																					
S1-Part 1B & 1C	Wall Finishes at Plant Boxes	01-Apr-2025	03-May-2025																					
S1-Part 1B & 1C	Soil Laying	16-Apr-2025	19-May-2025																					
S1-Part 1B & 1C	Installation of Irrigation Pipe and Ducting	06-May-2025	03-Jun-2025																					
S1-Part 1B & 1C	Tree Planting	04-Jun-2025	02-Jul-2025																					
S1-Part 1B & 1C	Lawn Installation, Paving Works and Balustrade Installation	18-Jun-2025	16-Jul-2025																					
S1-Part 1B & 1C	Lighting Installation, Power and CCTV System Installation	18-Jun-2025	23-Jul-2025																					
S1-Part 1B & 1C	Rain Shelter, Bench, Rubbish Bin and Signage Installation	03-Jul-2025	30-Jul-2025																					
S1-Part 1B & 1C	Shrub Planting	03-Jul-2025	30-Jul-2025																					
S1-Part 1D+1F	Site preparation, hoarding installation, temporary fence, carry out survey, mobilization of plants at Parts 1D	04-Oct-2025	10-Nov-2025																					
S1-Part 1D+1F	Installation of Drainage System (Catch pit and Discharge pipe)	11-Nov-2025	05-Jan-2026																					
S1-Part 1D+1F	Installation of Utilities (Cable duct for Lighting, Power and CCTV System)	11-Nov-2025	05-Jan-2026																					
S1-Part 1D+1F	RC Works (Kerb, Footing for Railing & Other Facilities)	16-Dec-2025	02-Mar-2026																					
S1-Part 1D+1F	Drainage Layer and Waterproofing Installation at Planting Area	23-Jan-2026	19-Mar-2026																					
S1-Part 1D+1F	Wall Finishes at Plant Boxes	03-Mar-2026	28-Apr-2026																					
S1-Part 1D+1F	Soil Laying	11-Apr-2026	04-Jun-2026																					
S1-Part 1D+1F	Installation of Irrigation Pipe and Ducting	18-May-2026	23-Jun-2026																					
S1-Part 1D+1F	Tree Planting	24-Jun-2026	29-Jul-2026																					
S1-Part 1D+1F	Lawn Installation, Paving Works and Balustrade Installation	13-Jul-2026	15-Aug-2026			46	46	46																
S1-Part 1D+1F	Lighting Installation, Power and CCTV System Installation	13-Jul-2026	02-Sep-2026			47	47	47	47	47														
S1-Part 1D+1F	Children's Play Area, Rain Shelter, Bench, Rubbish Bin and Signage Installation	30-Jul-2026	02-Sep-2026			50	50	50	50	50														
S1-Part 1D+1F	Shrub Planting	30-Jul-2026	02-Sep-2026			46	46	46	46	46														
S1-Part 1D+1F	Fence and Gate Installation	03-Sep-2026	09-Oct-2026								47	47	47	47	47									
S1-Part 1D	Park Office Construction	11-Nov-2025	22-Jan-2026																					
S1-Part 1D	Basketball Construction	23-Jan-2026	10-Apr-2026																					
S1-Part 1D	ABWF at Park Office	23-Jan-2026	02-Mar-2026																					
S1-Part 1D	Building Services at Park Office	03-Mar-2026	28-Apr-2026																					
S1-Part 1D	Painting, Basketball Stand and Flood Light Installation	11-Apr-2026	04-Jun-2026																					
S2-Part 2A+2D	Site preparation, hoarding installation, temporary fence, carry out survey, mobilization of plants at Parts 2A & 2D	04-Jul-2025	02-Aug-2025																					
S2-Part 2A+2D	Staff Amenity & Park Office Building Construction	04-Aug-2025	14-Oct-2025																					
S2-Part 2A+2D	ABWF at Staff Amenity & Park Office Building	15-Oct-2025	19-Nov-2025																					
S2-Part 2A+2D	Building Services Installation at Staff Amenity & Park Office Building	20-Nov-2025	14-Jan-2026																					
S2-Part 2A+2D	Staff Ancillary Building Construction	15-Oct-2025	24-Dec-2025																					
S2-Part 2A+2D	ABWF at Staff Ancillary Building	27-Dec-2025	31-Jan-2026																					
S2-Part 2A+2D	Building Services Installation at Staff Ancillary Building	02-Feb-2026	28-Mar-2026																					
S2-Part 2A+2D	Installation of Drainage System (Catch pit and Discharge pipe)	27-Dec-2025	31-Jan-2026																					
S2-Part 2A+2D	Installation of Utilities (Cable duct for Lighting, Power and CCTV System)	27-Dec-2025	31-Jan-2026																					
S2-Part 2A+2D	RC Works (Kerb, Footing for Railing & Other Facilities)	15-Jan-2026	21-Feb-2026																					
S2-Part 2A+2D	Drainage Layer and Waterproofing Installation at Planting Area	02-Feb-2026	04-Mar-2026																					
S2-Part 2A+2D	Wall Finishes at Plant Boxes	23-Feb-2026	21-Mar-2026																					
S2-Part 2A+2D	Soil Laying	09-Mar-2026	09-Apr-2026																					
S2-Part 2A+2D	Installation of Irrigation Pipe and Ducting	23-Mar-2026	23-Apr-2026																					
S2-Part 2A+2D	Tree Planting	24-Apr-2026	22-May-2026																					
S2-Part 2A+2D	Lawn Installation, Paving Works and Balustrade Installation	09-May-2026	06-Jun-2026																					
S2-Part 2A+2D	Lighting Installation, Power and CCTV System Installation	09-May-2026	13-Jun-2026																					
S2-Part 2A+2D	Bench, Rubbish Bin and Signage Installation	23-May-2026	22-Jun-2026																					



Appendix 3.2	-	Accumulated Noise Level 3.2.2 - W-P11 The Coronation Tower 1 御金國峰 1 座
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Contract No.:	<u>HY/2023/08</u>
Contract Name:	<u>Central Kowloon Route - Remaining Works</u>
Contractor:	<u>Build King - Tung Lee Joint Venture</u>

NSR ID (CNMMP): 2
NSR ID (EIA Rpt): W-P11
NSR Name: 御金國峰1座
Scenario: Mitigation Measures Scenario

[illegible]

	2024																												2025							
	Year Month		Jul					Aug					Sep					Oct					Nov					Dec					Jan			
	Week Number		31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4								
	Total SPL (RMW only), dB(A)																																			
	Max SPL of the Month (RMW only), dB(A)																																			
			64					66					66					68					71					71								
			Corrected SPL (RMW only), dB(A)																																	
			Exceedance (RMW only), dB(A)																																	
			--					--					--					--					--					--								
Range (RMW only), dB(A)		43					-					76																								

	2024																												2025							
	Year Month		Jul					Aug					Sep					Oct					Nov					Dec					Jan			
	Total SPL (YMTE only), dB(A)		--	51	48					48					48					34					0					0						
	Total SPL (BEM only), dB(A)		--	61	61					61					61					61					0					0						
	Total SPL (YMTW only), dB(A)		--	69	69					69					69					0					0					0						
			Cumulative SPL (RMW+YMTE+BEM+YMTW), dB(A)					71					71					71					69					71					71			
			Cumulative Exceedance (RMW+YMTE+BEM+YMTW), dB(A)					--					--					--					--					--					--			
Range (RMW+YMTE+BEM+YMTW), dB(A)		67					-					76																								

Reference Information
 CNMMP of CKR-YMTE: https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.17.1_combined.pdf
 CNMMP of CKR-BEM: https://www.ckr-eia.com/doc/CNMMP_BEM_Rev%20F.pdf
 CNMMP of CKR-YMTW: [https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.D%20\(full\).pdf](https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.D%20(full).pdf)

Contract No.: HY/2023/08
Contract Name: Central Kowloon Route - Remaining Works
Contractor: Build King - Tung Lee Joint Venture

		Year Month				Feb				Mar				Apr				May				Jun				Jul			
Week Number		5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Total SPL (RMW only), dB(A)		71	72	72	70	70	70	72	72	71	72	69	70	70	70	71	71	69	71	71	71	75	75	75	75	73			
Max SPL of the Month (RMW only), dB(A)		72				72					72				71						75			75					
Corrected SPL (RMW only), dB(A)																													
Exceedance (RMW only), dB(A)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0					
Range (RMW only), dB(A)																													
43		-																											
76																													
		Year Month				Feb				Mar				Apr				May				Jun				Jul			
Total SPL (YMTE only), dB(A)		0				0					0				0				0				0						
Total SPL (BEM only), dB(A)		0				0					0				0				0				0						
Total SPL (YMTW only), dB(A)		0				0					0				0				0				0						
Cumulative SPL (RMW+YMTE+BEM+YMTW), dB(A)		72				71					72				71				75				75						
Relative Exceedance (RMW+YMTE+BEM+YMTW), dB(A)						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Range (RMW+YMTE+BEM+YMTW), dB(A)																													
67		-																											
76																													

Reference Information

CNMPM of CKR-YMTE:	https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.17.1_combined.pdf
CNMPM of CKR-BEM:	https://www.ckr-eia.com/doc/CNMPM_BEM_Rev%20F.pdf
CNMPM of CKR-YMTW:	https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.D%20(full).pdf

Accumulated Noise Level

Contract No.:	HY/2023/08
Contract Name:	Central Kowloon Route - Remaining Works
Contractor:	Build King - Tung Lee Joint Venture

Worksite	Activities	Estimation under this CNMMP																																2026				
		Construction Period		Year																														Jan				
		Start	Complete	Month	Aug	31	32	33	34	35	Sep	37	38	39	Oct	41	42	43	Nov	45	46	47	48	Dec	49	50	51	52	1	2	3	4	5					
S1-Part 1A	Site preparation, installation, temporary fence, carry out survey, mobilization of plants at Parts 1A	20-Aug-2024	24-Sep-2024																																			
S1-Part 1A	Installation of Drainage System (Catch pit and Discharge pipe)	25-Sep-2024	18-Nov-2024																																			
S1-Part 1A	Installation of Utilities (Cable duct for Lighting, Power and CCTV System)	25-Sep-2024	18-Nov-2024																																			
S1-Part 1A	RC Works (Kerb, Footing for Railing & Other Facilities)	01-Nov-2024	13-Jan-2025																																			
S1-Part 1A	Drainage Layer and Waterproofing Installation at Planting Area	06-Dec-2024	03-Feb-2025																																			
S1-Part 1A	Wall Finishes at Plant Boxes	14-Jan-2025	10-Mar-2025																																			
S1-Part 1A	Soil Laying	21-Feb-2025	15-Apr-2025																																			
S1-Part 1A	Installation of Irrigation Pipe and Ducting	28-Mar-2025	08-May-2025																																			
S1-Part 1A	Tree Planting	09-May-2025	13-Jun-2025																																			
S1-Part 1A	Lawn Installation, Paving Works and Balustrade Installation	27-May-2025	02-Jul-2025																																			
S1-Part 1A	Lighting Installation, Power and CCTV System Installation	27-May-2025	19-Jul-2025																																			
S1-Part 1A	Fitness Equipment, Rain Shelter, Bench, Rubbish Bin and Signage Installation	14-Jun-2025	19-Jul-2025																																			
S1-Part 1A	Shrub Planting	14-Jun-2025	19-Jul-2025																																			
S1-Part 1B & 1C	Site preparation, carry out survey, mobilization of plants at Parts 1B & 1C	20-Dec-2024	13-Jan-2025																																			
S1-Part 1B & 1C	Installation of Drainage System (Catch pit and Discharge pipe)	14-Jan-2025	20-Feb-2025																																			
S1-Part 1B & 1C	Installation of Utilities (Cable duct for Lighting, Power and CCTV System)	14-Jan-2025	20-Feb-2025																																			
S1-Part 1B & 1C	RC Works (Kerb, Footing for Railing & Other Facilities)	04-Feb-2025	27-Mar-2025																																			
S1-Part 1B & 1C	Drainage Layer and Waterproofing Installation at Planting Area	11-Mar-2025	08-Apr-2025																																			
S1-Part 1B & 1C	Wall Finishes at Plant Boxes	01-Apr-2025	03-May-2025																																			
S1-Part 1B & 1C	Soil Laying	16-Apr-2025	19-May-2025																																			
S1-Part 1B & 1C	Installation of Irrigation Pipe and Ducting	06-May-2025	03-Jun-2025																																			
S1-Part 1B & 1C	Tree Planting	04-Jun-2025	02-Jul-2025																																			
S1-Part 1B & 1C	Lawn Installation, Paving Works and Balustrade Installation	18-Jun-2025	16-Jul-2025																																			
S1-Part 1B & 1C	Lighting Installation, Power and CCTV System Installation	18-Jun-2025	23-Jul-2025																																			
S1-Part 1B & 1C	Rain Shelter, Bench, Rubbish Bin and Signage Installation	03-Jul-2025	30-Jul-2025																																			
S1-Part 1B & 1C	Shrub Planting	03-Jul-2025	30-Jul-2025																																			
S1-Part 1D+1F	Site preparation, hoarding installation, temporary fence, carry out survey, mobilization of plants at Parts 1D	04-Oct-2025	10-Nov-2025															68	68	68	68	68	68															
S1-Part 1D+1F	Installation of Drainage System (Catch pit and Discharge pipe)	11-Nov-2025	05-Jan-2026																																			
S1-Part 1D+1F	Installation of Utilities (Cable duct for Lighting, Power and CCTV System)	11-Nov-2025	05-Jan-2026																																			
S1-Part 1D+1F	RC Works (Kerb, Footing for Railing & Other Facilities)	16-Dec-2025	02-Mar-2026																																			
S1-Part 1D+1F	Drainage Layer and Waterproofing Installation at Planting Area	23-Jan-2026	19-Mar-2026																																			
S1-Part 1D+1F	Wall Finishes at Plant Boxes	03-Mar-2026	28-Apr-2026																																			
S1-Part 1D+1F	Soil Laying	11-Apr-2026	04-Jun-2026																																			
S1-Part 1D+1F	Installation of Irrigation Pipe and Ducting	18-May-2026	23-Jun-2026																																			
S1-Part 1D+1F	Tree Planting	24-Jun-2026	29-Jul-2026																																			
S1-Part 1D+1F	Lawn Installation, Paving Works and Balustrade Installation	13-Jul-2026	15-Aug-2026																																			
S1-Part 1D+1F	Lighting Installation, Power and CCTV System Installation	13-Jul-2026	02-Sep-2026																																			
S1-Part 1D+1F	Children's Play Area, Rain Shelter, Bench, Rubbish Bin and Signage Installation	30-Jul-2026	02-Sep-2026																																			
S1-Part 1D+1F	Shrub Planting	30-Jul-2026	02-Sep-2026																																			
S1-Part 1D+1F	Fence and Gate Installation	03-Sep-2026	09-Oct-2026																																			
S1-Part 1D	Park Office Construction	11-Nov-2025	22-Jan-2026																																			
S1-Part 1D	Basketball Construction	23-Jan-2026	10-Apr-2026																																			

Accumulated Noise Level

Contract No.:	HY/2023/08
Contract Name:	Central Kowloon Route - Remaining Works
Contractor:	Build King - Tung Lee Joint Venture

[illegible]

Year																													
Month																													
Week Number																													
	Feb				Mar				Apr				May				Jun				Jul								
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30				
Total SPL (RMW only), dB(A)	76	75	75	75	75	75	73	73	73	74	74	74	72	72	72	72	72	69	69	69	69	70	70	72	72				
Max SPL of the Month (RMW only), dB(A)					75					74					72					69					72				
Corrected SPL (RMW only), dB(A)																													
Exceedance (RMW only), dB(A)	1					-	-					-	-					-	-					-	-				
Range (RMW only), dB(A)	43																												
	76																												
Year																													
Month																													
Week Number																													
	Feb				Mar				Apr				May				Jun				Jul								
Total SPL (YMTE only), dB(A)	0	0				0				0				0				0											
Total SPL (BEM only), dB(A)	0	0				0				0				0				0											
Total SPL (YMTW only), dB(A)	0	0				0				0				0				0											
Cumulative SPL (RMW+YMTE+BEM+YMTW), dB(A)	76	75				74				72				69				72											
Cumulative Exceedance (RMW+YMTE+BEM+YMTW), dB(A)	1	-				-				-				-				-											
Range (RMW+YMTE+BEM+YMTW), dB(A)	67																												
	76																												

Reference Information
 CNMMP of CKR-YMTE: https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.17.1_combined.pdf
 CNMMP of CKR-BEM: https://www.ckr-eia.com/doc/CNMMP_BEM_Rev%20F.pdf
 CNMMP of CKR-YMTW: [https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.D%20\(full\).pdf](https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.D%20(full).pdf)

Contract No.:	HY/2023/08
Contract Name:	Central Kowloon Route - Remaining Works
Contractor:	Build King - Tung Lee Joint Venture

[illegible]

Range (RMW only), dB(A)	43	-	76
		Year	
		Month	
Total SPL (YMTE only), dB(A)			
Total SPL (BEM only), dB(A)			
Total SPL (YMTW only), dB(A)			
Cumulative SPL (RMW+YMTE+BEM+YMTW), dB(A)			
Relative Exceedance (RMW+YMTE+BEM+YMTW), dB(A)			
Range (RMW+YMTE+BEM+YMTW), dB(A)	67	-	76

Reference Information

CNMMP of CKR-YMTE:	https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.17.1_combined.pdf
CNMMP of CKR-BEM:	https://www.ckr-eia.com/doc/CNMMP_BEM_Rev%20F.pdf
CNMMP of CKR-YMTW:	https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.D%20(full).pdf



Appendix 3.2	-	Accumulated Noise Level 3.2.3 - W-N25A Prosperous Garden Block 1 駿發花園 1 座
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Contract No.:	<u>HY/2023/08</u>
Contract Name:	<u>Central Kowloon Route - Remaining Works</u>
Contractor:	<u>Build King - Tung Lee Joint Venture</u>

	Year	2024																								2025			
		Month																								Jan			
		Jul					Aug					Sep				Oct				Nov				Dec					
		31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4		
Total SPL (RMW only), dB(A)					55	55	55	55	57	57	57	57	57	59	59	59	56	56	59	59	60	60	60	60	59	59			
Max SPL of the Month (RMW only), dB(A)		55					57					57				59				60				60					
Corrected SPL (RMW only), dB(A)																													
Exceedance (RMW only), dB(A)		--					--					--								--									

Reference Information
 CNMMP of CKR-YMTE: https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.17.1_combined.pdf
 CNMMP of CKR-BEM: https://www.ckr-eia.com/doc/CNMMP_BEM_Rev%20F.pdf
 CNMMP of CKR-YMTW: [https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.D%20\(full\).pdf](https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.D%20(full).pdf)

Accumulated Noise Level

Contract No.:	HY/2023/08
Contract Name:	Central Kowloon Route - Remaining Works
Contractor:	Build King - Tung Lee Joint Venture

Worksite	Activities	Construction Period		Year																												
		Start	Complete	Month																												
				Week Number	Feb	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	Jun	23	24	25	26	Jul	27	28	29	30
S1-Part 1A	Site preparation, installation, temporary fence, carry out survey, mobilization of plants at Parts 1A	20-Aug-2024	24-Sep-2024																													
S1-Part 1A	Installation of Drainage System (Catch pit and Discharge pipe)	25-Sep-2024	18-Nov-2024																													
S1-Part 1A	Installation of Utilities (Cable duct for Lighting, Power and CCTV System)	25-Sep-2024	18-Nov-2024																													
S1-Part 1A	RC Works (Kerb, Footing for Railing & Other Facilities)	01-Nov-2024	13-Jan-2025																													
S1-Part 1A	Drainage Layer and Waterproofing Installation at Planting Area	06-Dec-2024	03-Feb-2025			56																										
S1-Part 1A	Wall Finishes at Plant Boxes	14-Jan-2025	10-Mar-2025		53	53	53	53	53	53	53																					
S1-Part 1A	Soil Laying	21-Feb-2025	15-Apr-2025					55	55	55	55	55	55	55	55	55	55	55	55	55												
S1-Part 1A	Installation of Irrigation Pipe and Ducting	28-Mar-2025	08-May-2025													54	54	54	54	54	54											
S1-Part 1A	Tree Planting	09-May-2025	13-Jun-2025																			54	54	54	54	54	54	54	54	54	54	
S1-Part 1A	Lawn Installation, Paving Works and Balustrade Installation	27-May-2025	02-Jul-2025																													
S1-Part 1A	Lighting Installation, Power and CCTV System Installation	27-May-2025	19-Jul-2025																		54	54	54	54	54	54	54	54	54	54	54	
S1-Part 1A	Fitness Equipment, Rain Shelter, Bench, Rubbish Bin and Signage Installation	14-Jun-2025	19-Jul-2025																													
S1-Part 1A	Shrub Planting	14-Jun-2025	19-Jul-2025																													
S1-Part 1B & 1C	Site preparation, carry out survey, mobilization of plants at Parts 1B & 1C	20-Dec-2024	13-Jan-2025																													
S1-Part 1B & 1C	Installation of Drainage System (Catch pit and Discharge pipe)	14-Jan-2025	20-Feb-2025			50	50	50																								
S1-Part 1B & 1C	Installation of Utilities (Cable duct for Lighting, Power and CCTV System)	14-Jan-2025	20-Feb-2025			50	50	50																								
S1-Part 1B & 1C	RC Works (Kerb, Footing for Railing & Other Facilities)	04-Feb-2025	27-Mar-2025				52	52	52	52	52	52	52	52																		
S1-Part 1B & 1C	Drainage Layer and Waterproofing Installation at Planting Area	11-Mar-2025	08-Apr-2025									52	52	52	52																	
S1-Part 1B & 1C	Wall Finishes at Plant Boxes	01-Apr-2025	03-May-2025													49	49	49	49	49												
S1-Part 1B & 1C	Soil Laying	16-Apr-2025	19-May-2025															51	51	51	51											
S1-Part 1B & 1C	Installation of Irrigation Pipe and Ducting	06-May-2025	03-Jun-2025																			50	50	50	50							
S1-Part 1B & 1C	Tree Planting	04-Jun-2025	02-Jul-2025																			50	50									
S1-Part 1B & 1C	Lawn Installation, Paving Works and Balustrade Installation	18-Jun-2025	16-Jul-2025																				50	50	50	50	48	48	48	48		
S1-Part 1B & 1C	Lighting Installation, Power and CCTV System Installation	18-Jun-2025	23-Jul-2025																						50	50	50	50	50	50	50	
S1-Part 1B & 1C	Rain Shelter, Bench, Rubbish Bin and Signage Installation	03-Jul-2025	30-Jul-2025																													
S1-Part 1B & 1C	Shrub Planting	03-Jul-2025	30-Jul-2025																													
S1-Part 1D+1F	Site preparation, hoarding installation, temporary fence, carry out survey, mobilization of plants at Parts 1D	04-Oct-2025	10-Nov-2025																													
S1-Part 1D+1F	Installation of Drainage System (Catch pit and Discharge pipe)	11-Nov-2025	05-Jan-2026																													
S1-Part 1D+1F	Installation of Utilities (Cable duct for Lighting, Power and CCTV System)	11-Nov-2025	05-Jan-2026																													
S1-Part 1D+1F	RC Works (Kerb, Footing for Railing & Other Facilities)	16-Dec-2025	02-Mar-2026																													
S1-Part 1D+1F	Drainage Layer and Waterproofing Installation at Planting Area	23-Jan-2026	19-Jan-2026																													
S1-Part 1D+1F	Wall Finishes at Plant Boxes	03-Mar-2026	28-Apr-2026																													
S1-Part 1D+1F	Soil Laying	11-Apr-2026	04-Jun-2026																													
S1-Part 1D+1F	Installation of Irrigation Pipe and Ducting	18-May-2026	23-Jun-2026																													
S1-Part 1D+1F	Tree Planting	24-Jun-2026	29-Jul-2026																													
S1-Part 1D+1F	Lawn Installation, Paving Works and Balustrade Installation	13-Jul-2026	15-Aug-2026																													
S1-Part 1D+1F	Lighting Installation, Power and CCTV System Installation	13-Jul-2026	02-Sep-2026																													
S1-Part 1D+1F	Children's Play Area, Rain Shelter, Bench, Rubbish Bin and Signage Installation	30-Jul-2026	02-Sep-2026																													
S1-Part 1D+1F	Shrub Planting	30-Jul-2026	02-Sep-2026																													
S1-Part 1D+1F	Fence and Gate Installation	03-Sep-2026	09-Oct-2026																													
S1-Part 1D	Park Office Construction	11-Nov-2025	22-Jan-2026																													
S1-Part 1D	Basketball Construction	23-Jan-2026	10-Apr-2026																													
S1-Part 1D	ABWF at Park Office	23-Jan-2026	02-Mar-2026																													
S1-Part 1D	Building Services at Park Office	03-Mar-2026	28-Mar-2026																													
S1-Part 1D	Planting, Basketball Stand and Flood Light Installation	11-Apr-2026	04-Jun-2026																													
S2-Part 2A+2D	Site preparation, hoarding installation, temporary fence, carry out survey, mobilization of plants at Parts 2A & 2D	04-Jul-2025	02-Aug-2025																													
S2-Part 2A+2D	Staff Amenity & Park Office Building Construction	04-Aug-2025	14-Oct-2025																													
S2-Part 2A+2D	ABWF at Staff Amenity & Park Office Building	15-Oct-2025	19-Nov-2025																													
S2-Part 2A+2D	Building Services Installation at Staff Amenity & Park Office Building	20-Nov-2025	14-Jan-2026																													
S2-Part 2A+2D	Staff Ancillary Building Construction	15-Oct-2025	24-Dec-2025																													
S2-Part 2A+2D	ABWF at Staff Ancillary Building	27-Dec-2025	31-Jan-2026																													
S2-Part 2A+2D	Building Services Installation at Staff Ancillary Building	02-Feb-2026	28-Mar-2026																													
S2-Part 2A+2D	Installation of Drainage System (Catch pit and Discharge pipe)	27-Dec-2025	31-Jan-2026																													
S2-Part 2A+2D	Installation of Utilities (Cable duct for Lighting, Power and CCTV System)	27-Dec-2025	31-Jan-2026																													
S2-Part 2A+2D	RC Works (Kerb, Footing for Railing & Other Facilities)	15-Jan-2026	21-Feb-2026																													
S2-Part 2A+2D	Drainage Layer and Waterproofing Installation at Planting Area	02-Feb-2026	04-Mar-2026																													
S2-Part 2A+2D	Wall Finishes at Plant Boxes	23-Feb-2026	21-Mar-2026																													
S2-Part 2A+2D	Soil Laying	09-Mar-2026	09-Apr-2026																													
S2-Part 2A+2D	Installation of Irrigation Pipe and Ducting	23-Mar-2026	23-Apr-2026																													
S2-Part 2A+2D	Tree Planting	24-Apr-2026	22-May-2026																													
S2-Part 2A+2D	Lawn Installation, Paving Works and Balustrade Installation	09-May-2026	06-Jun-2026																													
S2-Part 2A+2D	Lighting Installation, Power and CCTV System Installation	09-May-2026	13-Jun-2026																													
S2-Part 2A+2D	Bench, Rubbish Bin and Signage Installation	23-May-2026	22-Jun-2026																													
S2-Part 2A+2D	Shrub Planting	23-May-2026	22-Jun-2026																													
S2-Part 2A+2D	Fence and Gate Installation	23-Jun-2026	28-Jul-2026																													
S2-Part 2B+2C	Site preparation, hoarding installation, temporary fence, carry out survey, mobilization of plants at Parts 2B & 2C	04-Oct-2025	02-Nov-2025																													
S2-Part 2B+2C	Installation of Drainage System (Catch pit and Discharge pipe)	03-Nov-2025	06-Dec-2025																													
S2-Part 2B+2C	Installation of Utilities (Cable duct for Lighting, Power and CCTV System)	03-Nov-2025	06-Dec-2025																													
S2-Part 2B+2C	RC Works (Kerb, Footing for Railing & Other Facilities)	20-Nov-2025	24-Dec-2025																													
S2-Part 2B+2C</																																

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Reference Information
 CNMMP of CKR-YMTE: https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.17.1_combined.pdf
 CNMMP of CKR-BEM: https://www.ckr-eia.com/doc/CNMMP_BEM_Rev%20F.pdf
 CNMMP of CKR-YMTW: [https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.D%20\(full\).pdf](https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.D%20(full).pdf)

Accumulated Noise Level

Contract No.:	HY/2023/08
Contract Name:	Central Kowloon Route - Remaining Works
Contractor:	Build King - Tung Lee Joint Venture

Worksite	Activities	Estimation under this CNMMP																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		Construction Period		Year																																2026																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		Start	Complete	Month	Aug	31	32	33	34	35	Sep	37	38	39	Oct	41	42	43	Nov	45	46	47	48	Dec	50	51	52	Jan	1	2	3	4	5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
S1-Part 1A	Site preparation, installation, temporary fence, carry out survey, mobilization of plants at Parts 1A	20-Aug-2024	24-Sep-2024																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

Contract No.: HY/2023/08
Contract Name: Central Kowloon Route - Remaining Works
Contractor: Build King - Tung Lee Joint Venture

[illegible]

Range (RMW only), dB(A)	55	-	72
		Year	
		Month	
Total SPL (YMTTE only), dB(A)			
Total SPL (BEM only), dB(A)			
Total SPL (YMTW only), dB(A)			
Cumulative SPL (RMW+YMTTE+BEM+YMTW), dB(A)			
Relative Exceedance (RMW+YMTTE+BEM+YMTW), dB(A)			
Range (RMW+YMTTE+BEM+YMTW), dB(A)	59	-	72

Reference Information

CNMPM of CKR-YMTE:	https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.17.1_combined.pdf
CNMPM of CKR-BEM:	https://www.ckr-eia.com/doc/CNMPM_BEM_Rev%20F.pdf
CNMPM of CKR-YMTW:	https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.D%20(full).pdf

Accumulated Noise Level

Contract No.:	HY/2023/08
Contract Name:	Central Kowloon Route - Remaining Works
Contractor:	Build King - Tung Lee Joint Venture

Worksite	Activities	Construction Period		Year																							
		Start	Complete	Month	Aug												Sep				Oct				Nov	Dec	
				Week Number	31	32	33	34	35	36	37	38	39	40	41	42	43	44									
S1-Part 1A	Site preparation, installation, temporary fence, carry out survey, mobilization of plants at Parts 1A	20-Aug-2024	24-Sep-2024																								
S1-Part 1A	Installation of Drainage System (Catch pit and Discharge pipe)	25-Sep-2024	18-Nov-2024																								
S1-Part 1A	Installation of Utilities (Cable duct for Lighting, Power and CCTV System)	25-Sep-2024	18-Nov-2024																								
S1-Part 1A	RC Works (Kerb, Footing for Railing & Other Facilities)	01-Nov-2024	13-Jan-2025																								
S1-Part 1A	Drainage Layer and Waterproofing Installation at Planting Area	06-Dec-2024	03-Feb-2025																								
S1-Part 1A	Wall Finishes at Plant Boxes	14-Jan-2025	10-Mar-2025																								
S1-Part 1A	Soil Laying	21-Feb-2025	15-Apr-2025																								
S1-Part 1A	Installation of Irrigation Pipe and Ducting	28-Mar-2025	08-May-2025																								
S1-Part 1A	Tree Planting	09-May-2025	13-Jun-2025																								
S1-Part 1A	Lawn Installation, Paving Works and Balustrade Installation	27-May-2025	02-Jul-2025																								
S1-Part 1A	Lighting Installation, Power and CCTV System Installation	27-May-2025	19-Jul-2025																								
S1-Part 1A	Fitness Equipment, Rain Shelter, Bench, Rubbish Bin and Signage Installation	14-Jun-2025	19-Jul-2025																								
S1-Part 1A	Shrub Planting	14-Jun-2025	19-Jul-2025																								
S1-Part 1B & 1C	Site preparation, carry out survey, mobilization of plants at Parts 1B & 1C	20-Dec-2024	13-Jan-2025																								
S1-Part 1B & 1C	Installation of Drainage System (Catch pit and Discharge pipe)	14-Jan-2025	20-Feb-2025																								
S1-Part 1B & 1C	Installation of Utilities (Cable duct for Lighting, Power and CCTV System)	14-Jan-2025	20-Feb-2025																								
S1-Part 1B & 1C	RC Works (Kerb, Footing for Railing & Other Facilities)	04-Feb-2025	27-Mar-2025																								
S1-Part 1B & 1C	Drainage Layer and Waterproofing Installation at Planting Area	11-Mar-2025	08-Apr-2025																								
S1-Part 1B & 1C	Wall Finishes at Plant Boxes	01-Apr-2025	03-May-2025																								
S1-Part 1B & 1C	Soil Laying	16-Apr-2025	19-May-2025																								
S1-Part 1B & 1C	Installation of Irrigation Pipe and Ducting	06-May-2025	03-Jun-2025																								
S1-Part 1B & 1C	Tree Planting	04-Jun-2025	02-Jul-2025																								
S1-Part 1B & 1C	Lawn Installation, Paving Works and Balustrade Installation	18-Jun-2025	16-Jul-2025																								
S1-Part 1B & 1C	Lighting Installation, Power and CCTV System Installation	18-Jun-2025	23-Jul-2025																								
S1-Part 1B & 1C	Rain Shelter, Bench, Rubbish Bin and Signage Installation	03-Jul-2025	30-Jul-2025																								
S1-Part 1B & 1C	Shrub Planting	03-Jul-2025	30-Jul-2025																								
S1-Part 1D+1F	Site preparation, hoarding installation, temporary fence, carry out survey, mobilization of plants at Parts 1D	04-Oct-2025	10-Nov-2025																								
S1-Part 1D+1F	Installation of Drainage System (Catch pit and Discharge pipe)	11-Nov-2025	05-Jan-2026																								
S1-Part 1D+1F	Installation of Utilities (Cable duct for Lighting, Power and CCTV System)	11-Nov-2025	05-Jan-2026																								
S1-Part 1D+1F	RC Works (Kerb, Footing for Railing & Other Facilities)	16-Dec-2025	02-Mar-2026																								
S1-Part 1D+1F	Drainage Layer and Waterproofing Installation at Planting Area	23-Jan-2026	19-Mar-2026																								
S1-Part 1D+1F	Wall Finishes at Plant Boxes	03-Mar-2026	28-Apr-2026																								
S1-Part 1D+1F	Soil Laying	11-Apr-2026	04-Jun-2026																								
S1-Part 1D+1F	Installation of Irrigation Pipe and Ducting	18-May-2026	23-Jun-2026																								
S1-Part 1D+1F	Tree Planting	24-Jun-2026	29-Jul-2026																								
S1-Part 1D+1F	Lawn Installation, Paving Works and Balustrade Installation	13-Jul-2026	15-Aug-2026			57	57	57																			
S1-Part 1D+1F	Lighting Installation, Power and CCTV System Installation	13-Jul-2026	02-Sep-2026			57	57	57	57	57																	
S1-Part 1D+1F	Children's Play Area, Rain Shelter, Bench, Rubbish Bin and Signage Installation	30-Jul-2026	02-Sep-2026			60	60	60	60	60																	
S1-Part 1D+1F	Shrub Planting	30-Jul-2026	02-Sep-2026			57	57	57	57	57																	
S1-Part 1D+1F	Fence and Gate Installation	03-Sep-2026	09-Oct-2026							58	58	58	58	58													
S1-Part 1D	Park Office Construction	11-Nov-2025	22-Jan-2026																								
S1-Part 1D	Basketball Construction	23-Jan-2026	10-Apr-2026																								
S1-Part 1D	ABWF at Park Office	23-Jan-2026	02-Mar-2026																								
S1-Part 1D	Building Services at Park Office	03-Mar-2026	28-Apr-2026																								
S1-Part 1D	Painting, Basketball Stand and Flood Light Installation	11-Apr-2026	04-Jun-2026																								
S2-Part 2A+2D	Site preparation, hoarding installation, temporary fence, carry out survey, mobilization of plants at Parts 2A & 2D	04-Jul-2025	02-Aug-2025																								
S2-Part 2A+2D	Staff Amenity & Park Office Building Construction	04-Aug-2025	14-Oct-2025																								
S2-Part 2A+2D	ABWF at Staff Amenity & Park Office Building	15-Oct-2025	19-Nov-2025																								
S2-Part 2A+2D	Building Services Installation at Staff Amenity & Park Office Building	20-Nov-2025	14-Jan-2026																								
S2-Part 2A+2D	Staff Ancillary Building Construction	15-Oct-2025	24-Dec-2025																								
S2-Part 2A+2D	ABWF at Staff Ancillary Building	27-Dec-2025	31-Jan-2026																								
S2-Part 2A+2D	Building Services Installation at Staff Ancillary Building	02-Feb-2026	28-Mar-2026																								
S2-Part 2A+2D	Installation of Drainage System (Catch pit and Discharge pipe)	27-Dec-2025	31-Jan-2026																								
S2-Part 2A+2D	Installation of Utilities (Cable duct for Lighting, Power and CCTV System)	27-Dec-2025	31-Jan-2026																								
S2-Part 2A+2D	RC Works (Kerb, Footing for Railing & Other Facilities)	15-Jan-2026	21-Feb-2026																								
S2-Part 2A+2D	Drainage Layer and Waterproofing Installation at Planting Area	02-Feb-2026	04-Mar-2026																								
S2-Part 2A+2D	Wall Finishes at Plant Boxes	23-Feb-2026	21-Mar-2026																								
S2-Part 2A+2D	Soil Laying	09-Mar-2026	09-Apr-2026																								
S2-Part 2A+2D	Installation of Irrigation Pipe and Ducting	23-Mar-2026	23-Apr-2026																								
S2-Part 2A+2D																											



Appendix 3.2	-	Accumulated Noise Level 3.2.4 - W-N8A Tak Cheong Building 德昌大廈
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Contract No.:	HY/2023/08
Contract Name:	Central Kowloon Route - Remaining Works
Contractor:	Build King - Tung Lee Joint Venture

NSR ID (CNMMP):	4
NSR ID (EIA Rpt):	W-N8A
NSR Name:	德昌大廈
Scenario:	Mitigation Measures Scenario

Worksite	Activities	Construction Period		Year	2024																												2025			
		Start	Complete		Month	Jul	Aug	Sep					Oct					Nov					Dec					2025								
				Week Number				31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4			
S1-Part 1A	Site preparation, installation, temporary fence, carry out survey, mobilization of plants at Parts 1A	20-Aug-2024	24-Sep-2024						50	50	50	50																								
S1-Part 1A	Installation of Drainage System (Catch pit and Discharge pipe)	25-Sep-2024	18-Nov-2024												49	49	49	49	49	49	49	49														
S1-Part 1A	Installation of Utilities (Cable duct for Lighting, Power and CCTV System)	25-Sep-2024	18-Nov-2024																																	
S1-Part 1A	RC Works (Kerb, Footing for Railing & Other Facilities)	01-Nov-2024	13-Jan-2025												47	47	47	47	47																	
S1-Part 1A	Drainage Layer and Waterproofing Installation at Planting Area	06-Dec-2024	03-Feb-2025																																	
S1-Part 1A	Wall Finishes at Plant Boxes	14-Jan-2025	10-Mar-2025																																	
S1-Part 1A	Soil Laying	21-Feb-2025	15-Apr-2025																																	
S1-Part 1A	Installation of Irrigation Pipe and Ducting	28-Mar-2025	08-May-2025																																	
S1-Part 1A	Tree Planting	09-May-2025	13-Jun-2025																																	
S1-Part 1A	Lawn Installation, Paving Works and Balustrade Installation	27-May-2025	02-Jul-2025																																	
S1-Part 1A	Lighting Installation, Power and CCTV System Installation	27-May-2025	19-Jul-2025																																	
S1-Part 1A	Fitness Equipment, Rain Shelter, Bench, Rubbish Bin and Signage Installation	14-Jun-2025	19-Jul-2025																																	
S1-Part 1A	Shrub Planting	14-Jun-2025	19-Jul-2025																																	
S1-Part 1B & 1C	Site preparation, carry out survey, mobilization of plants at Parts 1B & 1C	20-Oct-2024	13-Jan-2025																					48	48	48	48									
S1-Part 1B & 1C	Installation of Drainage System (Catch pit and Discharge pipe)	14-Jan-2025	20-Feb-2025																																	
S1-Part 1B & 1C	Installation of Utilities (Cable duct for Lighting, Power and CCTV System)	14-Jan-2025	20-Feb-2025																																	
S1-Part 1B & 1C	RC Works (Kerb, Footing for Railing & Other Facilities)	04-Feb-2025	27-Mar-2025																																	
S1-Part 1B & 1C	Drainage Layer and Waterproofing Installation at Planting Area	11-Mar-2025	08-Apr-2025																																	
S1-Part 1B & 1C	Wall Finishes at Plant Boxes	01-Apr-2025	03-May-2025																																	
S1-Part 1B & 1C	Soil Laying	16-Apr-2025	19-May-2025																																	
S1-Part 1B & 1C	Installation of Irrigation Pipe and Ducting	06-May-2025	03-Jun-2025																																	
S1-Part 1B & 1C	Tree Planting	04-Jun-2025	02-Jul-2025																																	
S1-Part 1B & 1C	Lawn Installation, Paving Works and Balustrade Installation	18-Jun-2025	16-Jul-2025																																	
S1-Part 1B & 1C	Lighting Installation, Power and CCTV System Installation	18-Jun-2025	23-Jul-2025																																	
S1-Part 1B & 1C	Rain Shelter, Bench, Rubbish Bin and Signage Installation	03-Jul-2025	30-Jul-2025																																	
S1-Part 1B & 1C	Shrub Planting	03-Jul-2025	30-Jul-2025																																	
S1-Part 1D+1F	Site preparation, hoarding installation, temporary fence, carry out survey, mobilization of plants at Parts 1D	04-Oct-2025	10-Nov-2025																																	
S1-Part 1D+1F	Installation of Drainage System (Catch pit and Discharge pipe)	11-Nov-2025	05-Jan-2026																																	
S1-Part 1D+1F	Installation of Utilities (Cable duct for Lighting, Power and CCTV System)	11-Nov-2025	05-Jan-2026																																	
S1-Part 1D+1F	RC Works (Kerb, Footing for Railing & Other Facilities)	16-Dec-2025	02-Mar-2026																																	
S1-Part 1D+1F	Drainage Layer and Waterproofing Installation at Planting Area	23-Jan-2026	19-Mar-2026																																	
S1-Part 1D+1F	Wall Finishes at Plant Boxes	03-Mar-2026	28-Apr-2026																																	
S1-Part 1D+1F	Soil Laying	11-Apr-2026	04-Jun-2026																																	
S1-Part 1D+1F	Installation of Irrigation Pipe and Ducting	18-May-2026	23-Jun-2026																																	
S1-Part 1D+1F	Tree Planting	24-Jun-2026	29-Jul-2026																																	
S1-Part 1D+1F	Lawn Installation, Paving Works and Balustrade Installation	13-Jul-2026	15-Aug-2026																																	
S1-Part 1D+1F	Lighting Installation, Power and CCTV System Installation	13-Jul-2026	02-Sep-2026																																	
S1-Part 1D+1F	Children's Play Area, Rain Shelter, Bench, Rubbish Bin and Signage Installation	30-Jul-2026	02-Sep-2026																																	
S1-Part 1D+1F	Shrub Planting	30-Jul-2026	02-Sep-2026																																	
S1-Part 1D+1F	Fence and Gate Installation	03-Sep-2026	09-Oct-2026																																	
S1-Part 1D	Park Office Construction	11-Nov-2025	22-Jan-2026																																	
S1-Part 1D	Basketball Construction	23-Jan-2026	10-Apr-2026																																	
S1-Part 1D	ABWF at Park Office	23-Jan-2026	02-Mar-2026																																	
S1-Part 1D	Building Services at Park Office	03-Mar-2026	08-Apr-2026																																	
S1-Part 1D	Painting, Basketball Stand and Flood Light Installation	11-Apr-2026	04-Jun-2026																																	
S2-Part 2A+2D	Site preparation, hoarding installation, temporary fence, carry out survey, mobilization of plants at Parts 2A & 2D	04-Jul-2025	02-Aug-2025																																	
S2-Part 2A+2D	Staff Amenity & Park Office Building Construction	04-Aug-2025	14-Oct-2025																																	
S2-Part 2A+2D	ABWF at Staff Amenity & Park Office Building	15-Oct-2025	19-Nov-2025																																	
S2-Part 2A+2D	Building Services Installation at Staff Amenity & Park Office Building	20-Nov-2025	14-Jan-2026																																	
S2-Part 2A+2D	Staff Ancillary Building Construction	15-Oct-2025	24-Dec-2025																																	
S2-Part 2A+2D	ABWF at Staff Ancillary Building	27-Dec-2025	31-Jan-2026																																	
S2-Part 2A+2D	Building Services Installation at Staff Ancillary Building	02-Feb-2026	28-Mar-2026																																	
S2-Part 2A+2D	Installation of Drainage System (Catch pit and Discharge pipe)	27-Dec-2025	31-Jan-2026																																	
S2-Part 2A+2D	Installation of Utilities (Cable duct for Lighting, Power and CCTV System)	27-Dec-2025	31-Jan-2026																																	
S2-Part 2A+2D	RC Works (Kerb, Footing for Railing & Other Facilities)	15-Jan-2026	21-Feb-2026																																	
S2-Part 2A+2D	Drainage Layer and Waterproofing Installation at Planting Area	02-Feb-2026	04-Mar-2026																																	
S2-Part 2A+2D	Wall Finishes at Plant Boxes	23-Feb-2026	21-Mar-2026																																	
S2-Part 2A+2D	Soil Laying	09-Mar-2026	09-Apr-2026																																	
S2-Part 2A+2D	Installation of Irrigation Pipe and Ducting	23-Mar-2026	23-Apr-2026																																	
S2-Part 2A+2D	Tree Planting	24-Apr-2026	22-May-2026																																	
S2-Part 2A+2D	Lawn Installation, Paving Works and Balustrade Installation	09-May-2026	06-Jun-2026																																	
S2-Part 2A+2D	Lighting Installation, Power and CCTV System Installation	09-May-2026	13-Jun-2026																																	
S2-Part 2A+2D	Bench, Rubbish Bin and Signage Installation	23-May-2026	22-Jun-2026																																	
S2-Part 2A+2D	Shrub Planting	23-May-2026	22-Jun-2026																																	
S2-Part 2A+2D	Fence and Gate Installation	23-Jun-2026	28-Jul-2026																																	
S2-Part 2B+2C	Site preparation, hoarding installation, temporary fence, carry out survey, mobilization of plants at Parts 2B & 2C	04-Oct-2025	02-Nov-2025																																	
S2-Part 2B+2C	Installation of Drainage System (Catch pit and Discharge pipe)	03-Nov-2025	06-Dec-2025																																	
S2-Part 2B+2C	Installation of Utilities (Cable duct for Lighting, Power and CCTV System)	03-Nov-2025	06-Dec-2025																																	
S2-Part 2B+2C	RC Works (Kerb, Footing for Railing & Other Facilities)	20-Nov-2025	24-Dec-2025																																	
S2-Part 2B+2C	Drainage Layer and Waterproofing Installation at Planting Area	08-Dec-2025	07-Jan-2026																																	

[illegible]

Reference Information
 CNMMP of CKR-YMTE: https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.17.1_combined.pdf
 CNMMP of CKR-BEM: https://www.ckr-eia.com/doc/CNMMP_BEM_Rev%20F.pdf
 CNMMP of CKR-YMTW: [https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.D%20\(full\).pdf](https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.D%20(full).pdf)

Contract No.:	<u>HY/2023/08</u>
Contract Name:	<u>Central Kowloon Route - Remaining Works</u>
Contractor:	<u>Build King - Tung Lee Joint Venture</u>

	Year Month	Year																													
		Month																													
		Feb					Mar					Apr					May					Jun					Jul				
	Week Number	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30				
	Total SPL (RMW only), dB(A)	54	53	53	53	53	53	54	54	53	54	52	52	52	52	52	52	52	54	54	55	58	58	70	70	70	70				
	Max SPL of the Month (RMW only), dB(A)	54				54					54								54		58										
	Corrected SPL (RMW only), dB(A)																														
	Exceedance (RMW only), dB(A)	-																													
	Range (RMW only), dB(A)																														
	50																														
	-																														
	76																														
	Year Month	Year																													
		Month																													
		Feb					Mar					Apr					May					Jun					Jul				
	Total SPL (YMTW only), dB(A)	0				0					0				0					0				0							
	Total SPL (BEM only), dB(A)	0				0					0				0					0				0							
	Total SPL (YMTW only), dB(A)	0				0					0				0					0				0							
	Cumulative SPL (RMW+YMTW+BEM+YMTW), dB(A)	54				71					54				54					58				70							
	Cumulative Exceedance (RMW+YMTW+BEM+YMTW), dB(A)	-				-					-				-					-				-							
	Range (RMW+YMTW+BEM+YMTW), dB(A)																														
	54																														
	-																														
	78																														

Reference Information

CNMPM of CKR-YMTE:	https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.17.1_combined.pdf
CNMPM of CKR-BEM:	https://www.ckr-eia.com/doc/CNMPM_BEM_Rev%20F.pdf
CNMPM of CKR-YMTW:	https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.D%20(full).pdf

Contract No.: HY/2023/08
Contract Name: Central Kowloon Route - Remaining Works
Contractor: Build King - Tung Lee Joint Venture

		Year												2026																	
		Month					Month					Month																			
Week Number		Aug	Sep	Oct	Nov	Dec	Jan																								
Total SPL (RMW only), dB(A)		31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5			
Max SPL of the Month (RMW only), dB(A)		70	74	74	74	75	74	74	74	74	74	74	74	74	74	75	75	75	75	75	75	75	75	75	75	75	75	75			
Corrected SPL (RMW only), dB(A)							74						74						75						75						
Exceedance (RMW only), dB(A)		--					--					--					0					0					0				
Range (RMW only), dB(A)		50					-					76																			

		Year												2026																	
		Month					Month					Month																			
Total SPL (YMT only), dB(A)		0	0					0					0					0													
Total SPL (BEM only), dB(A)		0	0					0					0					0													
Total SPL (YMTW only), dB(A)		0	0					0					0					0													
Cumulative SPL (RMW+YMT+BEM+YMTW), dB(A)		75	74					74					75					75													
Cumulative Exceedance (RMW+YMT+BEM+YMTW), dB(A)		--					--					--					--					--									
Range (RMW+YMT+BEM+YMTW), dB(A)		54					-					78																			

Accumulated Noise Level

Contract No.:	HY/2023/08
Contract Name:	Central Kowloon Route - Remaining Works
Contractor:	Build King - Tung Lee Joint Venture

[illegible]

	Year																																			
	Month																																			
	Feb						Mar						Apr						May						Jun						Jul					
Week Number	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30											
Total SPL (RMW only), dB(A)	76	75	75	75	73	75	75	75	74	73	73	73	72	74	74	74	74	74	71	70	67	67	67	67	67											
Max SPL of the Month (RMW only), dB(A)	75						74						74						74						67											
Corrected SPL (RMW only), dB(A)																																				
Exceedance (RMW only), dB(A)	1						0						--						--						--											
Range (RMW only), dB(A)																																				
50	-												76																							
	Year																																			
	Month																																			
	Feb						Mar						Apr						May						Jun						Jul					
Total SPL (YMTE only), dB(A)	0						0						0						0						0						0					
Total SPL (BEM only), dB(A)	0						0						0						0						0						0					
Total SPL (YMTW only), dB(A)	0						0						0						0						0						0					
Cumulative SPL (RMW+YMTE+BEM+YMTW), dB(A)	76						75						74						74						74						67					
Relative Exceedance (RMW+YMTE+BEM+YMTW), dB(A)	1						--						--						--						--											
Range (RMW+YMTE+BEM+YMTW), dB(A)																																				
54	-												78																							

Reference Information
 CNMMP of CKR-YMTE: https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.17.1_combined.pdf
 CNMMP of CKR-BEM: https://www.ckr-eia.com/doc/CNMMP_BEM_Rev%20F.pdf
 CNMMP of CKR-YMTW: [https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.D%20\(full\).pdf](https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.D%20(full).pdf)

Contract No.:	<u>HY/2023/08</u>
Contract Name:	<u>Central Kowloon Route - Remaining Works</u>
Contractor:	<u>Build King - Tung Lee Joint Venture</u>

Construction Period		Year															
Start	Complete	Month					Sep				Oct				Nov	Dec	
Week Number		31	32	33	34	35	36	37	38	39	40	41	42	43	44		
20-Aug-2024	24-Sep-2024																
25-Sep-2024	18-Nov-2024																
25-Sep-2024	18-Nov-2024																
01-Nov-2024	13-Jan-2025																
06-Dec-2024	03-Feb-2025																
14-Jan-2025	10-Mar-2025																
21-Feb-2025	15-Apr-2025																
28-Mar-2025	08-May-2025																
09-May-2025	13-Jun-2025																
27-May-2025	02-Jul-2025																
27-May-2025	19-Jul-2025																
14-Jun-2025	19-Jul-2025																
14-Jun-2025	19-Jul-2025																
20-Dec-2024	13-Jan-2025																
14-Jan-2025	20-Feb-2025																
14-Jan-2025	20-Feb-2025																
04-Feb-2025	27-Mar-2025																
11-Mar-2025	08-Apr-2025																
01-Apr-2025	03-May-2025																
16-Apr-2025	19-May-2025																
06-May-2025	03-Jun-2025																
04-Jun-2025	02-Jul-2025																
18-Jun-2025	16-Jul-2025																
18-Jun-2025	23-Jul-2025																
03-Jul-2025	30-Jul-2025																
03-Jul-2025	30-Jul-2025																
04-Oct-2025	10-Nov-2025																
11-Nov-2025	05-Jan-2026																
11-Nov-2025	05-Jan-2026																
16-Dec-2025	02-Mar-2026																
23-Jan-2026	19-Mar-2026																
03-Mar-2026	28-Apr-2026																
11-Apr-2026	04-Jun-2026																
18-May-2026	23-Jun-2026																
24-Jun-2026	29-Jul-2026																
13-Jul-2026	15-Aug-2026																
13-Jul-2026	02-Sep-2026																
30-Jul-2026	02-Sep-2026																
30-Jul-2026	02-Sep-2026																
03-Sep-2026	09-Oct-2026																
11-Nov-2025	22-Jan-2026																
23-Jan-2026	10-Apr-2026																
23-Jan-2026	02-Mar-2026																
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15-Oct-2025	19-Nov-2025																
20-Nov-2025	14-Jan-2026																
15-Oct-2025	24-Dec-2025																
27-Dec-2025	31-Jan-2026																
02-Feb-2026	28-Mar-2026																
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23-Feb-2026	21-Mar-2026																
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04-Oct-2025	02-Nov-2025																
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08-Dec-2025	07-Jan-2026																
27-Dec-2025	24-Jan-2026																
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16-Feb-2026	25-Mar-2026																
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11-Nov-2025	05-Jan-2026																
16-Dec-2025	09-Feb-2026																
23-Jan-2026	02-Mar-2026																
03-Mar-2026	10-Apr-2026																
20-Mar-2026	28-Apr-2026																
20-Mar-2026	16-May-2026																
11-Apr-2026	16-May-2026																
11-Apr-2026	16-May-2026																
18-May-2026	23-Jun-2026																
01-Jun-2026	30-Jun-2026																
02-Jul-2026	15-Jul-2026																
02-Jul-2026	15-Jul-2026																
16-Jul-2026	22-Jul-2026																
16-Jul-2026	22-Jul-2026																
23-Jul-2026	29-Jul-2026																
30-Jul-2026	05-Aug-2026																
30-Jul-2026	12-Aug-2026																
06-Aug-2026	19-Aug-2026																
13-Aug-2026	26-Aug-2026																
20-Aug-2026	02-Sep-2026																
20-Aug-2026	02-Sep-2026																
19-Jun-2025	11-Aug-2025																
12-Aug-2025	15-Sep-2025																
16-Sep-2025	22-Oct-2025																
23-Oct-2025	15-Dec-2025																
16-Dec-2025	08-Feb-2026																
12-Aug-2025	15-Sep-2025																
16-Sep-2025	22-Oct-2025																
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28-Nov-2025	05-Jan-2026																
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19-Jun-2025	11-Aug-2025																
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23-Oct-2025	27-Nov-2025																
28-Nov-2025	05-Jan-2026																
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29-Apr-2026	04-Jun-2026																
04-Jul-2025	02-Aug-2025																
07-Aug-2025	03-Sep-2025																
04-Sep-2025	01-Nov-2025																
03-Nov-2025	06-Dec-2025																
08-Dec-2025	04-Feb-2026																

Range (RMW only), dB(A)	50	-	76
		Year	
		Month	
Total SPL (YMTM only), dB(A)			
Total SPL (BEM only), dB(A)			
Total SPL (YMTW only), dB(A)			
Cumulative SPL (RMW+YMTM+BEM+YMTW), dB(A)			
Relative Exceedance (RMW+YMTM+BEM+YMTW), dB(A)			
Range (RMW+YMTM+BEM+YMTW), dB(A)	54	-	78

Reference Information

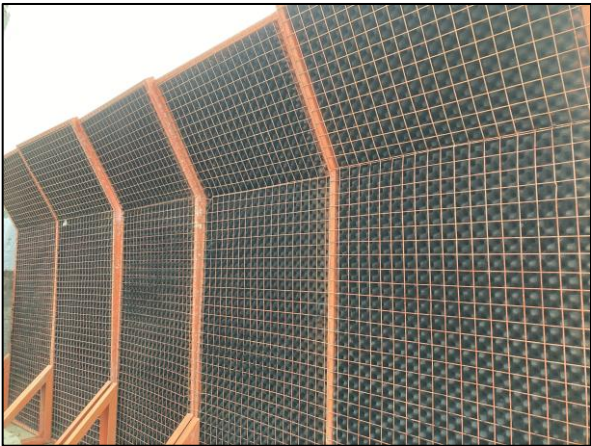
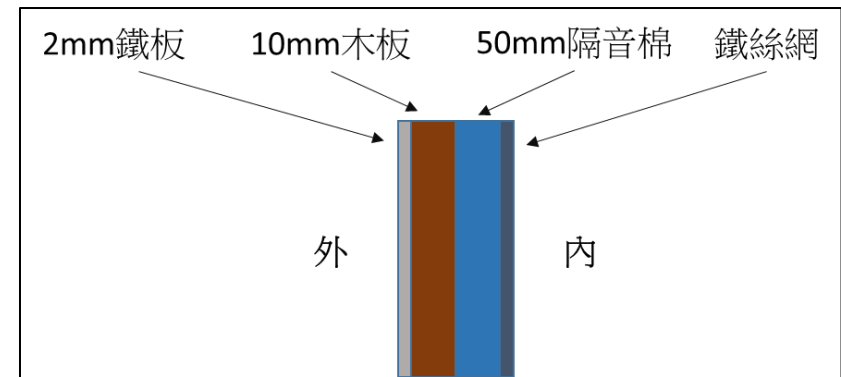
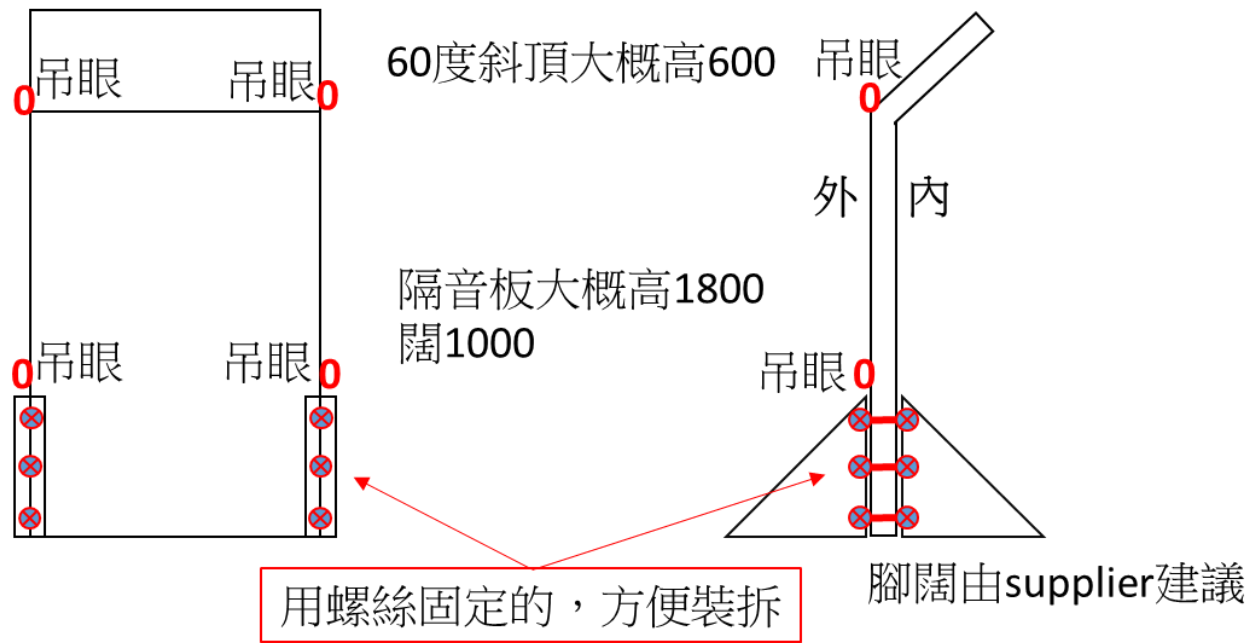
CNMMP of CKR-YMTE:	https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.17.1_combined.pdf
CNMMP of CKR-BEM:	https://www.ckr-eia.com/doc/CNMMP_BEM_Rev%20F.pdf
CNMMP of CKR-YMTW:	https://ckr-eia.com/doc/Construction%20Noise%20Mitigation%20Plan_Rev.D%20(full).pdf



Appendix 3.3	-	Details of Proposed Noise Mitigation Measures
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2.4m(高)*1m(闊)流動隔音板

Portable Noise Barrier



Sample Photos

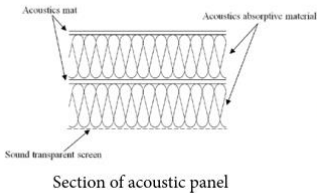


Product Description

SilentCube is a retractable noise enclosure for road works, which provides 18 dB(A) white noise insertion loss and is therefore suitable for Prescribed Construction Work (PCW). SilentCube of 2.5m(H)x2.5m(W)x2.5m(L) is robust and can be easily transported by a trolley and installed within 10 mins. All components are <15kg and the overall weight is ~80kg, hence it can be conveniently relocated. SilentCube can be connected with another SilentCube without gaps to extend enclosure length.

Product Specification

Modular Size	2m - 2.5m (W & L) x 2m - 3.5m (H)
Modular Weight	~80kg
Insertion Loss*	18 dB(A)
Setup time	10 minutes by 2 people
Standard Colour	Grey
Panel Thickness	80mm
* Tested with white noise source	



SilentCUBE extended by zip with good gap sealing



Appendix 3.4	-	Implementation Schedule of Proposed Mitigation Measures
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Appendix 3.4 – Implementation Schedule of Mitigation Measures

CNMMP/ EIA ref.	Proposed Noise Mitigation Measures	Target PME	Implemented By	Location	Period		Requirements or Standard to be achieved
					From	To	
Paragraph 2, S3.2 of CNMMP	Movable temporary noise barriers	All PME	Main Contractor	All area in CKR-RMW	Oct 2024 (commencement of construction works)	Jun 2028 (project completion)	Annex 5, TM-EIAO
S5.4.1 of EIA report	Install temporary hoarding located on the site boundaries between noisy construction activities and NSRs. The conditions of hoardings shall be properly maintained throughout the construction period.	All PME	Main Contractor	All area in CKR-RMW	Oct 2024 (commencement of construction works)	Jun 2028 (project completion)	Annex 5, TM-EIAO
S5.4.1 of EIA report	Use 'Quiet plant', i.e. QPME	Refer to Table 2.2	Main Contractor	All area in CKR-RMW	Oct 2024 (commencement of construction works)	Jun 2028 (project completion)	Annex 5, TM-EIAO
S5.4.1 of EIA report	Sequencing operation of construction plants where practicable	All PME	Main Contractor	All area in CKR-RMW	Oct 2024 (commencement of construction works)	Jun 2028 (project completion)	Annex 5, TM-EIAO
S5.4.1 of EIA report	Implement a noise monitoring programme under EM&A programme	All PME	Main Contractor	Noise Sensitive Receivers	Oct 2024 (commencement of construction works)	Jun 2028 (project completion)	Annex 5, TM-EIAO
S5.4.1 of EIA report	Install temporary hoarding located on the site boundaries between noisy construction activities and NSRs. The conditions of hoardings shall be properly maintained throughout the construction period.	All PME	Main Contractor	All area in CKR-RMW	Oct 2024 (commencement of construction works)	Jun 2028 (project completion)	Annex 5, TM-EIAO

Appendix 3.4 – Implementation Schedule of Mitigation Measures

CNMMP/ EIA ref.	Proposed Noise Mitigation Measures	Target PME	Implemented By	Location	Period		Requirements or Standard to be achieved
					From	To	
S5.4.1 of EIA report	Implement the following good site practices: ● Only well-maintained plant should be operated on-site and plant should be serviced regularly during the construction programme ● Machines and plant (such as trucks, cranes) that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum; ● Plant known to emit noise strongly in one direction, where possible, be orientated so that the noise is directed away from nearby NSRs; ● Silencers or mufflers on construction equipment should be properly fitted and maintained during the construction works; ● Mobile plant should be sited as far away from NSRs as possible and practicable; ● Material stockpiles, mobile container site office and other structures should be effectively utilized, where practicable, to screen noise from on-site construction activities.	All PME	Main Contractor	All area in CKR-RMW	Oct 2024 (commencement of construction works)	Jun 2028 (project completion)	Annex 5, TM-EIAO