

Unit 9-10, 16/F, Shatin Galleria, No. 18-24 Shan Mei Street, Fo Tan, Shatin, N.T., Hong Kong Tel.: (852) 3563 7003 Fax: (852) 3563 7018 www.telemaxeem.com

Our Ref. : TEEM/TM334/18/L/024 Date : 7 March 2018

By Hand

**Environmental Protection Department** Environmental Assessment Division Metro Assessment Group, Kowloon Section (2) 27/F Southorn Centre, 130 Hennessy Road Wan Chai, Hong Kong

Attn: Ms. Kwok Wing Chi, Winnie

Dear Madam,

Contract No. SS D505 Environmental Permit No. EP-454/2013 Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum-Vehicle Depot at Yen Ming Road, West Kowloon Reclamation Area <u>Submission of Environmental Impact Monitoring Report February 2018</u>

We are writing, on behalf of Environmental Permit Holder, Food and Environmental Hygiene Department, to provide four hard copies and one electronic copy of Environmental Impact Monitoring Report February 2018 for your record in accordance with Condition 3.4 of EP-454/2013.

Should you have any questions, please do not hesitate to contact the undersigned at (852) 3610 8777 or our Ms. Camilla Cheng at (852) 3610 8713. Thank you.

Yours faithfully,

For and on behalf of **Telemax Environmental and Energy Management Limited** 

Ir Eagle MO Managing Director

EM / CC / KM / WW

Encl.

c.c. ArchSD – Mr. Sing-hin SAT, Saadullah / Mr. WAN Koon Piu, Dick (by hand) FEHD – Ms. May NG (by hand)
PTA – Ms. Clara PANG / Mr. Jess YEUNG (by email)
AEC – Ms. Grace KWOK / Mr. HO Tin Kit (by email)
CRBC – Mr. Vincent CHUNG / Mr. FU Kwok Kwan (by email)



### Allied Environmental Consultants Limited

Acousticians & Environmental Engineers

19/F., Kwan Chart Tower, 6 Tonnochy Road, Wan Chai, Hong Kong Tel.: (852) 2815 7028 Fax: (852) 2815 5399 Email: info@aechk.com

Our Ref: 1330/18-0006

7 March 2018

Food and Environmental Hygiene Department Planning & Development Section Room 101, 1/F, New Wan Chai Market 258 Queen's Road East, Wan Chai, Hong Kong

#### Attn: Ms. Lorraine Lo

Dear Madam,

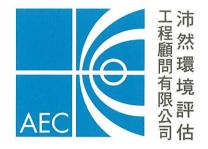
Contract No. SS D505 Environmental Permit No. EP-454/2013 Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum-Vehicle Depot at Yen Ming Road, West Kowloon Reclamation Area Independent Environmental Checker for Construction Phase Condition 3.4 – Submission of Monthly EM&A Report for February 2018 (Issue 2)

Further to the receipt from Environmental Team (ET) of the captioned Monthly EM&A Report on 5<sup>th</sup> and 7<sup>th</sup> March 2018 via email, pursuant to Condition 3.4 of Environmental Permit, I hereby verify the captioned report (Issue 2).

Yours faithfully, For ALLIED ENVIRONMENTAL CONSULTANTS LIMITED

Grace Kwok Independent Environmental Checker GK/cwh

C.C.			
FEHD		Ms. May NG, ASO(P)4/ Mr. Vincent TAM, CTSO(Ops)2	Email
ArchSD	)	Mr. Shing-hin SAT, Saadullah, SPM335 / Mr. WAN Koon Piu, Dick, PM342	Email
PTA		Ms. Clara PANG / Mr. Jess YEUNG	Email
TEEM	(ET Leader)	Mr. Jason LAU	Email
CRBC	(Main Contractor)	Mr. Vincent CHEUNG, Project Manager / Mr. KK FU, Site Agent	Email



By Email

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# FEHD Sai Yee Street Environmental Hygiene Offices-cum-vehicle Depot, Yen Ming Road, West Kowloon Reclamation Area

### **Environmental Monitoring and Audit Report**

Prepared by: Telemax Environmental and Energy Management Limited

Prepared by: \_\_\_\_

TELEMAX

7 March 2018 Date

Certified by: \_ ENVIRONMENTAL TEAM LEADER

7 March 2018

Date

Grace Kwok

Verified by:

INDEPENDENT ENVIRONMENTAL CHECKER

7 March 2018

Date



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Issue	Date	Prepared by	Checked by	Approved by	Remark
1	5 <sup>th</sup> March 2018	Kiwi Man (Assistant Consultant)	Camilla Cheng (Senior Consultant)	Eagle Mo (Managing Director)	
2	7 <sup>th</sup> March 2018	Kiwi Man (Assistant Consultant)	Camilla Cheng (Senior Gonsultant)	Eagle Mo (Managing Director)	Revised wit AEC's comments





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### **1.0 Executive Summary**

1.1 In December 2015, Telemax Environmental and Energy Management Limited (TEEM) was appointed to conduct an environmental monitoring and audit (EM&A) program for the proposed reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum-vehicle Depot, Yen Ming Road, West Kowloon Reclamation Area (FEHD). The site clearance and tree felling works were undertaken during the period from 10<sup>th</sup> December 2015 to 7<sup>th</sup> February 2016. The construction works were commenced on 29<sup>th</sup> February 2016 and all EM&A works were undertaken in accordance with the EM&A Manual and the requirements under the environmental permit EP-454/2013. This report is the twenty-fourth monthly EM&A report, which detailed the environmental monitoring and audit results recorded during the period from 1<sup>st</sup> February 2018 to 28<sup>th</sup> February 2018.

#### **Reporting Change**

1.2 There was no reporting change required in the reporting month.

#### **Record of Complaints**

1.3 No environmental complaint was recorded in the reporting month.

#### **Record of Notification of Summons and Successful Prosecution**

1.4 No notification of summons and successful prosecution was received in the reporting month.



- 1.5 Key issues to be considered in the coming three months included:
  - Properly store and label oils and chemicals on site;
  - Chemical, chemical waste and waste management;
  - Sorting, recycling, storage and disposal of general refuse and construction waste;
  - Properly maintain all drainage facilities and wheel washing facilities on site;
  - Generation of dust from construction works;
  - Noise impact from operation equipment and machinery on site;
  - Generation of site surface runoffs and wastewater from activities on site; and
  - Tree protective measures for all retained trees should be well maintained.





### 2.0 Project Information

#### **Background**

- 2.1 The project proponent is the reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum-vehicle Depot, Yen Ming Road, West Kowloon Reclamation Area (FEHD) and the Works Agent is the Architectural Services Department (ArchSD).
- 2.2 The proposed office-cum-vehicle depot building will be a five-story building comprising various facilities for vehicle washing and repair operation, parking of vehicles as well as offices. It will occupy a site area of about 8,278 m<sup>2</sup>.
- 2.3 The FEHD Sai Yee Street Environmental Hygiene Offices-cum-vehicle Depot is categorized as a designated project under the Environmental Impact Assessment Ordinance (EIAO) and therefore a detailed Environmental Impact Assessment (EIA-216/2013) has been conducted in year 2013 and an Environmental Permit number EP-454/2013 was issued by Environmental Protection Department on November 2013.
- 2.4 The subject site is located at Yen Ming Road, West Kowloon Reclamation Area given in *Appendix H*. The subject site is bounded to the north by Nam Cheong Station, to the east by CLP Tak Kok Tsui Substation, to the south by Yuen Fat Building, and to the west by Cheung Sha Wan Wholesales Fish and Food Markets. Sir Ellis Kadoorie Secondary School (West Kowloon) and Fu Cheong Estate Fu Yun House, being the nearest educational and residential establishment, are located at around 100m and 270m from the site boundary respectively.
- 2.5 Key personnel and contact particulars are summarized in *Table 1*.

Role	Department / Company	Names	Contact Number
Project Proponent	Food and Environmental Hygiene Department	Ms. Lorraine Lo	3141 1227
Works Agent	Architectural Services Department	Mr. Sing-hin Sat	2867 3843
Architect's representative	P&T Architects and Engineers (Architectural)	Mr. Jess Yeung	2832 7410
Main Contractor	China Road and Bridge Corporation	Mr. Vincent Chung	2283 1688
Environmental Team Leader	Telemax Environmental and Energy Management Ltd.	Ms. Camilla Cheng	3610 8713
Independent Environmental Checker	Allied Environmental Consultants Ltd.	Ms. Grace Kwok	2815 7028

#### Table 1 Contact Details of Key Personnel





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- 2.6 The construction programme is referred to **Appendix A** and the management structure is given in Appendix B.
- 2.7 The major works undertaken and/or completed during the reporting month are listed as below:
  - Installation of block wall
  - Formwork erecting for beam, wall, slab and column
  - Erection of bamboo scaffold, block wall and block wall metal frame
  - Backfilling works
  - Screeding works
  - Steel fixing
  - Concreting works
  - Plastering works
  - Spatterdash works
  - Planting works
  - Mocking up for wall and floor tiles
  - General house keeping





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#### 3.0 **Environmental Status**

#### Status of the Statutory Environmental Compliance

3.1 The EM&A Works follow the EP conditions under the Environmental Impact Assessment Ordinance (EIAO) and a summary of the submission under the EP for this project up to the reporting month is presented in *Table 2 & Table 3* below:

			Valid Period		License/	
Statutory Reference	License/ Permit	License or Permit No.	From	То	Permit Holder	Remarks
EIAO	Environmental Permit	EP-454/2013	12-Nov-13	N/A	FEHD	-
WPCO	Discharge License (Site)	WT00023331-2015	22-Jan-16	31-Jan-21	CRBC	Discharge of Industrial Trade Effluent in Contract No. SS D505 was approved on 22 Jan 2016.
WDO	Chemical Waste Producer Registration	5213-269-C1232-18	15-Jan-16	N/A	CRBC	Chemical waste produced in Contract No. SS D505. The application was approved on 15 Jan 2016.
WDO	Billing Account for Disposal of Construction Waste	7024032	21-Dec-15	N/A	CRBC	Waste disposal in Contract No. SS D505. The application was approved on 21 Dec 2015.
NCO	Construction Noise Permit	GW-RE0978-17	3-Jan-18	30-Jun-18	CRBC	Use of prescribed powered mechanical equipment during nighttime. (0000 to 2400 hours on general holidays, including Sundays, 0000 to 0700 hours and 1900-2400 hours on any day not being a general holiday.). The permit was approved on 18 December 2017.

#### Table 2 Status of Licenses and Permits

The copies of environmental licenses or permits are enclosed in Appendix M.





Tel.: (852) 3563 7003 Fax: (852) 3563 7018 www.telemaxeem.com Table 3 Summary of the Submission under the EP

EP-454/2013 Clause No.	Submission Status
1.12         Notification of commencement date of construction on 15 <sup>th</sup> January 2016	
2.4	Landscape and Visual Mitigation Plan submitted on 27th January 2016
3.3	Baseline monitoring report submitted on 15th February 2016
3.4	Environmental Monitoring Report of January 2018 submitted on 14 <sup>th</sup> January 2018
4.2 & 4.3	Dedicated web site set up on 11th April 2016

#### **Mitigation Measures for Construction Works**

3.2 According to the basic project information, the major construction works undertaken during the reporting month are listed in *Table 4*, showing the interrelationship between construction activities and environmental mitigation measures for the reporting month. In order to indicate the project site, an illustrative drawing is provided in *Appendix I* to demonstrate the location of works, the project area, environmental sensitive receivers and locations of the monitoring and control stations.



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Table 4 Interrelationship between Construction Activities and Mitigation Measures

Construction Works		Major Environmental Impact	Mitigation Measures		
1.	Installation of block wall		1.	Tarpaulin cover shall be provided to minimize potential for damage or	
2.	Formwork erecting for			contamination of construction materials;	
	beam, wall, slab and		2.	Watering and imperious sheeting was	
	column			provided to dusty materials;	
3.	Erection of bamboo scaffold, block wall		3.	Water spraying should be provide to haul road and excavation works;	
	and block wall metal		4.	Well-maintained and quiet plants were	
	frame			used;	
4.	Backfilling works	Construction dust, construction	5.	Proper waste storage and sorting was	
5.	Screeding works	noise and waste management		applied;	
6.	Steel fixing		6.	Trip record was maintained properly; and	
7.	Concreting works		7.	Noise barrier was implemented during	
8.	Plastering works			piling activities;	
9.	Spatterdash works		8.	Cement sealing, cover walkway pavement	
10.	Planting works			and pump addition are implemented	
11.	Mocking up for wall			during rainy season.	
	and floor tiles				
12.	General house keeping				





### 4.0 Summary of EM&A Requirement

4.1 According to the environmental findings detailed in the Environmental Impact Assessment (EIA) report and the EM&A Manual of the Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum-vehicle Depot at Yen Ming Road, West Kowloon Reclamation Area Project ("the Project"), the EM&A requirements of the noise, air quality, water quality, waste management, landscape and visual and environmental audit are summarized as follows:

#### Noise

4.2 The construction noise level should be measured in terms of the A-weighted equivalent continuous sound pressure level ( $L_{eq}$ ). The  $L_{eq(30min)}$  should be used as the monitoring parameter for the time period from 0700 to 1900 hours on normal weekdays. The supplementary information for data auditing and statistical results, such as  $L_{10}$  and  $L_{90}$ , should be should be obtained and recorded for reference.

#### **Environmental Audit**

- 4.3 Site inspections should be conducted regularly to ensure that appropriate environmental protection and pollution control mitigation measures for noise, air quality, water quality, waste management and landscape and visual aspects are properly implemented for the construction works activities associated with the Project, as they are one of the most effective tools to enforce the environmental protection requirements at the works sites and works areas.
- 4.4 Regular site inspections should be carried out and led by the Architect's Representative and attended by the Contractor and ET at least once every week. The areas of inspection should not be limited to the environmental conditions, pollution control and mitigation measures within the works sites and works areas. It should also review the environmental conditions of that location that are beyond the boundary of the works sites and works areas likely to be affected directly or indirectly by the construction site activities. The ET Leader should make reference to the following information when conducting site inspection:
  - The EIA and EM&A recommendations on the environmental protection and pollution control mitigation measures;



- On-going results of the EM&A programme;
- The works progress and programme;
- Proposals of individual works methodologies (which should include the proposal of the associated pollution control measures);
- Contract specifications on environmental protection and pollution prevention control;
- The relevant environmental protection and pollution control legislation; and
- Previous site inspection findings that were undertaken by the ET and/or others.
- 4.5 The Contractor should keep the Architect's Representative and ET updated with all the relevant environmental related information on the construction contract to carry out the site inspections. The inspection findings and associated recommendations for improvements to the environmental protection and pollution control and outcome of the improvement should be recorded and followed up by the Contractor in an agreed timeframe.
- 4.6 The Architect's Representative, ET and Contractor should also carry out ad hoc site inspections if significant environmental problems are identified. Inspections may also be required subsequent to the receipt of environmental complaints, or as part of the investigation work, as specified in the Event and Action Plans for the EM&A programme.

#### Action and Limit Level

4.7 Accordingly to the EM&A requirement only noise impact of the construction stage requires impact monitoring. Corresponding action and limit level is set up to provide an appropriate framework for the interpretation of monitoring results. The noise impact monitoring data shall be checked against the Action and Limit Levels as listed in *Table 5*.

Time Period	Action Level	Limit Level, L <sub>eq 30mins</sub> , dB(A)
0700-1900 hours on	When one documented complaint is	70 dB(A) for school
normal weekdays	received	65 dB(A) during examination period.
		75 dB(A) for residential premises

Table 5 Action and Limit Levels for Construction Noising Monitoring



4.8 In case of non-compliance with the construction noise criteria, the contractor shall undertake corresponding actions in accordance with the Event and Action Plan given in EM&A Manual and shown in *Table 6*.



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Table 6 Event and Action Plan for Construction Noise Monitoring

Event	Action			
	ET	IEC	Architect's Representative	Contractor
Action	1. Notify the IEC and Contractor.	1. Review the analysed results	1. Confirm receipt of notification of failure	1. Submit noise mitigation proposals
Level	2. Carry out investigation.	submitted by the ET.	in writing.	to the IEC.
	3. Report the results of investigation to the IEC and	2. Review the proposed remedial	2. Notify the Contractor.	2. Implement noise mitigation
	Contractor.	measures by the Contractor and	3. Require the Contractor to propose	proposals.
	4. Discuss with the Contractor and formulate remedial	advise the Architect's	remedial measures for the analysed noise	
	measures.	Representative accordingly.	problem.	
	5. Increase monitoring frequency to check mitigation	3. Supervise the implementation of	4. Ensure remedial measures are properly	
	effectiveness.	remedial measures.	implemented.	
Limit	1. Notify the IEC, Architect's	1. Discuss amongst the Architect's	1. Confirm receipt of notification of failure	1. Take immediate action to avoid
Level	Representative, EPD and Contractor.	Representative, ET and	in writing.	further exceedance.
	2. Identify sources.	Contractor on the potential remedial	2. Notify the Contractor.	2. Submit proposals for remedial
	3. Repeat measurements to confirm findings.	action.	3. Require the Contractor to propose	action to the IEC within 3 working
	4. Increase monitoring frequency.	2. Review the Contractor's	remedial measures for the analysed noise	days of notification.
	5. Carry out analysis of the Contractor's working	remedial action whenever necessary	problem.	3. Implement the agreed proposals.
	procedures to determine possible mitigation to be	to assure their effectiveness and	4. Ensure remedial measures are properly	4. Resubmit proposals if problems
	implemented.	advise the Architect's	implemented.	still not under control.
	6. Inform the IEC, Architect's Representative and EPD the	Representative accordingly.	5. If exceedance continues, consider what	5. Stop the relevant portion of works
	causes and action taken for the exceedances.	3. Supervise the implementation of	portion of work is responsible and instruct	as determined by the Architect's
	7. Assess the effectiveness of the Contractor's remedial	remedial measures.	the Contractor to stop that portion of works	Representative until the exceedance
	action and keep the IEC, EPD and Architect's		until the exceedance is abated.	is abated.
	Representative informed of the results.			
	8. If exceedance stops, crease additional monitoring			

Note (1): ET – Environmental Team, IEC – Independent Environmental Checker; (2) Each step of action should be undertaken within 1 working day unless otherwise specified.





#### Environmental **Mitigation** of 5.0 Implementation Status

### Measures

- 5.1 During reporting month, major works undertaken and/or completed during the reporting month are listed as below:
  - Installation of block wall
  - Formwork erecting for beam, wall, slab and column
  - Erection of bamboo scaffold, block wall and block wall metal frame
  - Backfilling works
  - Screeding works
  - Steel fixing
  - Concreting works
  - Plastering works
  - Spatterdash works
  - Planting works
  - Mocking up for wall and floor tiles
  - General house keeping
- 5.2 The relevant parties have implemented mitigation measures which include, but not limited to the following:
  - Tarpaulin cover shall be provided to minimize potential for damage or contamination of construction materials:
  - Watering and imperious sheeting was provided to dusty materials;
  - Water spraying should be provide to haul road and excavation works;
  - Well-maintained and quiet plants were used;
  - Proper waste storage and sorting was applied;





Tel.: (852) 3563 7003 Fax: (852) 3563 7018 www.telemaxeem.com Trip record was maintained properly; and

- Noise barrier was implemented during piling activities; and
- Cement sealing, cover walkway pavement and pump addition are implemented during rainy season.
- 5.3 A total of 5 site inspections were conducted by the Environmental Team (ET) in this reporting period. Major observation by the ET, actions by the Contractor and outcome are summarized in *Table 7*.

Date	Non-compliances /	Action taken by	Outcome
	<b>Observations / Reminders</b>	Contractor	
1st February 2018	Nil.	Nil.	Nil.
8th February 2018	Nil.	Nil.	Nil.
14th February 2018	Nil.	Nil.	Nil.
22 <sup>nd</sup> February 2018	Nil.	Nil.	Nil.
28 <sup>th</sup> February 2018	Reminder 1: Preventive measures shall be strengthened to prevent un-used cement bags expose to the air after working	Un-used cement bags shall be covered after working.	Un-used cement is properly covered as observed on 1 <sup>st</sup> March 2018. Construction material was appropriately stored.

#### Table 7 Summary of Site Inspections

5.4 During site inspection in the reporting month, reminder and suggestion are made to the Contractor and corresponding environmental mitigation measures was observed. The implementation of environmental mitigation measures for construction stages stated in approved EIA Report, EM&A Manual and Environmental Permit were carried out properly as shown in Appendix C.





### 6.0 Monitoring Methodology

#### **Monitoring Parameter**

- 6.1 Impact noise monitoring was conducted at the designated noise monitoring location between 0700-1900 hours using a sound level meter which complies with the International Electrotechnical Commission Publications 651:1979 (Type 1) and 804:1985 (Type 1).
- 6.2 Monitoring of  $L_{eq(30min)}$  should be carried out at each station at 0700-1900 hours on normal weekdays at a frequency of once a week when construction are underway. The  $L_{eq}$ ,  $L_{10}$  and  $L_{90}$  should be recorded at the specified intervals. The meter shall be mounted on a tripod at a height of 1.2m above ground with the microphone positioned at G/F adjacent the NSRs facing the works area.
- 6.3 Noise measurements shall not be made in the presence of fog, rain, and wind with a steady speed exceeding 5m/s or wind with gusts exceeding 10m/s. The wind speed will be checked with a portable anemometer capable of measuring the wind speed in m/s. Noise measurements shall be made when construction activities are underway.

#### **Calibration and Maintenance**

- 6.4 The calibration of the sound level meter and their respective calibrators shall be carried out according to the manufacturer's requirements. The sound level meter and the calibrator shall be calibrated at an accredited laboratory to ensure their performance and accuracy meet manufacturer's specifications.
- 6.5 Maintenance and calibration procedures are as follows:
  - The microphone head of the sound level meter and calibrator should be cleaned with a soft cloth at quarterly intervals.
  - The sound level meter and calibrator should be calibrated annually



- 6.6 Immediately prior to and following each noise measurement the accuracy of the sound level meter shall be checked using the acoustic calibrator. Measurements shall be valid only if the calibration level, before and after the noise measurement, agree to within 1.0 dB.
- 6.7 The equipment shall be stored properly and well-maintained with regard to the manufacturer's recommendations. Noise instrumentation details are given in *Table 8* and the Calibration Certificates for the sound level meter and calibrator are given in *Appendix D*.

Item	Equipment	Model Number	Serial Number
1	Integrating Sound Level Meter	AWA5661	304042
2	Integrating Sound Level Meter	AWA5661	301143
3	Calibrator	ND9	507258

Table 8 Noise Monitoring Equipment

#### **Monitoring Locations**

6.8 The designated locations for the construction noise monitoring are listed in *Table 9* and shown in *Appendix I*.

NSR ID	Location	NSR Type
NSR1	Sir Ellis Kadoorie Secondary School (West Kowloon)	Educational Premises
NSR7	Fu Cheong Estate Fu Yun House	Residential Premises

Table 9 Representative Noise Sensitive Receivers Identified for Construction

\*NSR = Noise Sensitive Receivers

香港沙田火炭山尾街 18-24 號沙田商業中心 16 樓 9-10 室 Tel.: (852) 3563 7003 Fax.: (852) 3563 7018 網址: http://www.telemaxeem.com



Unit 9-10, 16/F, Shatin Galleria, No. 18-24 Shan Mei Street, Fo Tan, N.T., Hong Kong



### 7.0 Monitoring Results

- 7.1 Impact noise monitoring was conducted at Sir Ellis Kadoorie Secondary School (NSR1) and Fu Cheong Estate Fu Yun House (NSR7) on 5<sup>th</sup>, 10<sup>th</sup>, 14<sup>th</sup>, 20<sup>th</sup>, 22<sup>nd</sup> and 28<sup>th</sup> February 2018.
- 7.2 Noise monitoring results in terms of L<sub>eq(30min)</sub>, L<sub>10(30min)</sub> and L<sub>90(30min)</sub> measured at Sir Ellis Kadoorie Secondary School (NSR1) and Fu Cheong Estate Fu Yun House (NSR7) are summarized in *Table 10* and *Table 11* respectively and the corresponding graphical plot and field record sheet are given in Appendix E. The field record sheets record the measured noise levels according to façade measurements. L<sub>10</sub> and L<sub>90</sub> represent sound levels that are exceeded 10% and 90% of the time respectively. Normally, L<sub>10</sub> measurements can be considered as the average peak levels, whilst L<sub>90</sub> levels can be considered as the average background noise levels. No exceedance was found during the reporting period at both NSR1 &NSR7 according to the monitoring results.





NSR1		Sir	Ellis Kadoo	rie Second	lary School		
Date	Monitoring	Weather	Wind Speed	L10(30 min)	L90(30 min)	Leq(30 min)	Limit
Date	Time Period	Condition	(m/s)	L10(30 min)	L90(30 min)	Leq(30 min)	Level
5/2/2018	07:00-19:00	Fine	<5	66.3	58.3	64.1	70.0
10/2/2018	07:00-19:00	Sunny	<5	66.1	58.5	64.0	70.0
14/2/2018	07:00-19:00	Sunny	<5	66.0	58.4	64.0	70.0
20/2/2018	07:00-19:00	Cloudy	<5	66.2	59.8	64.1	70.0
22/2/2018	07:00-19:00	Cloudy	<5	66.0	59.2	63.9	70.0
28/2/2018	07:00-19:00	Bright	<5	66.3	59.2	64.2	70.0
	Average L	eq(30 min)			64.0		70.0

#### Table 10 Noise Monitoring Results at NSR1

#### Remarks:

Unit in dB(A)

Limit level for NSR 1 = 70.0 dB(A)

Compliance achieved in the reporting period

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NSR7		-	Fu Cheong	Estate Fu	Yun House		
Date	Monitoring	Weather	Wind Speed	L10(30 min)	L90(30 min)	Leq(30 min)	Limit
Date	Time Period	Condition	(m/s)	L10(30 min)	L90(30 min)	Leq(30 min)	Level
5/2/2018	07:00-19:00	Fine	<5	73.0	66.6	70.8	75.0
10/2/2018	07:00-19:00	Sunny	<5	72.9	65.5	70.9	75.0
14/2/2018	07:00-19:00	Sunny	<5	73.4	66.3	71.3	75.0
20/2/2018	07:00-19:00	Cloudy	<5	72.4	65.2	70.4	75.0
22/2/2018	07:00-19:00	Cloudy	<5	73.5	65.4	71.3	75.0
28/2/2018	07:00-19:00	Bright	<5	73.0	64.7	70.9	75.0
	Average Le	q(30 min)			71.0		75.0

Table 11	Noise	Monitoring	Results	at NSR7
<i>Iuvie</i> II	rouse	monuoring	nesuus	u n n n n n n n n n n n n n n n n n n n

#### Remarks:

Unit in dB(A)

Limit Level for NSR7 = 75.0 dB(A)

Compliance achieved in the reporting period

- 7.3 The minimum and maximum noise level measure in a single 30-min period at the Sir Ellis Kadoorie Secondary School (NSR1) was 60.8 dB(A)  $L_{eq(30min)}$  and 65.8 dB(A)  $L_{eq(30min)}$  respectively with an average of 64.0 dB(A)  $L_{eq(30min)}$ . Therefore, the results were not considered as exceedance. ( $L_{eq(30min)}$  no greater than 70.0 dB(A)).
- 7.4 The minimum and maximum noise level measure in a single 30-min period at the Fu Cheong Estate Fu Yun House (NSR7) was 67.9 dB(A)  $L_{eq(30min)}$  and 74.0 dB(A)  $L_{eq(30min)}$  respectively with an average of 71.0 dB(A)  $L_{eq(30min)}$ . Therefore, the results were not considered as exceedance. ( $L_{eq(30min)}$  no greater than 75.0 dB(A)).
- 7.5 Steel fixing was undertaken on-site and this was identified as the major influencing factors affecting the monitoring results.





### 8.0 Non-compliance, Complaints, Notifications of Summons and

### **Status of Prosecutions**

#### **Record on Non-compliance of Action and Limit Levels**

8.1 For construction noise, no Action and Limit Level exceedance was recorded at all monitoring stations in the reporting period.

#### **Record on Environmental Complaints Received**

- 8.2 No environmental compliant was recorded in the reporting month.
- 8.3 The cumulative statistics on complaints were provided in **Appendix K**.

#### **Record on Notifications of Summons and Successful Prosecution**

8.4 No notifications of summons or successful prosecution were received this month. The cumulative statistics on notifications of summons and successful prosecutions were provided in **Appendix K**.

### **Review of Reasons for and Implications of Non-compliance, Complaints, Summons and Prosecutions**

8.5 As no notifications of summons or successful prosecution were received, the associated review was not required.

#### Follow-up Actions Taken

8.6 As no notifications of summons or successful prosecution were received, the associated follow-up actions were not required.





### 9.0 Forecast of Works Programme and Future Key Issues

- 9.1 The major site work scheduled to be commissioned in the coming three months include:
  - R.C. Frame works
  - Plumbing installation works
  - Drainage installation works
  - Electrical installation works
  - MVAC installation works
  - Fire services installation works
  - Site works of aluminum window / louvre and curtain wall
  - Grasscrete works
  - Internal finishing works
  - Mechanical handling and lifting installation works
  - Lift services works
  - Roofing works
  - Sanitary fitting installation works
  - External and landscaping works
  - Soft Landscaping
  - Glazing works
- 9.2 Key issues to be considered in the coming three months include:
  - Properly store and label oils and chemicals on site;
  - Chemical, chemical waste and waste management;
  - Sorting, recycling, storage and disposal of general refuse and construction waste;

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- Properly maintain all drainage facilities and wheel washing facilities on site;
- Generation of dust from construction works;
- Noise impact from operation equipment and machinery on site;
- Generation of site surface runoffs and wastewater from activities on site; and
- Tree protective measures for all retained trees should be well maintained.
- 9.3 The environmental site inspection and environmental monitoring will be continued in the coming month. Impact monitoring for noise in accordance with the approved EM&A Manual has commenced since  $4^{\text{th}}$  March 2016. The tentative monitoring schedule is appended in *Appendix G*.





### **10.0** Solid and Liquid Waste Management Status

- 10.1 The contractor has registered as chemical waste producers for the Contract. C&D material sorting was carried out on site. Sufficient numbers of receptacles were available for general refuse collection.
- 10.2 As advised by the Contractor, 24.31 tons excavated C&D materials were disposed at public fills during the reporting period and 72.29 tons of general refuse was disposed at NENT landfill. No recyclables (e.g. metals, paper/cardboard packaging or plastics) were collected by recycling contractor in the reporting month. 0 tons of inert C&D materials were reused on site and reused in NENT for backfilling purpose respectively. 0 tons of chemical waste was collected by licensed contractor in the reporting period. Monthly Waste Flow Table is given in *Appendix L*.
- 10.3 The Contractor was advised to maintain on site waste sorting and recording system and maximize reused / recycle of C&D wastes.





### **11.0** Comments, Recommendations and Conclusions

- 11.1 Environmental impact monitoring had been carried out for FEHD Sai Yee Street Environmental Hygiene Offices-cum-vehicle Depot, Yen Ming Road, West Kowloon Reclamation Area.
- 11.2 The recommended mitigation measures are summarized as below:

#### **Chemical waste and Waste Management**

- C&D material should be sorted and removed timely.
- All plants on site should be properly maintained to prevent oil leakage.
- General refuse and construction waste shall be sorted, recycled, stored and disposed properly and record shall be kept.
- Larger chemical waste storage tanks shall be provided.

#### Water Quality Impact

- All drainage facilities on site shall be properly maintained
- Generation of site surface runoffs and wastewater from activities on site shall be properly treated with the on-site wastewater treatment system prior to discharge.

#### **Air Quality Impact**

- All vehicle should be washed to remove any dusty.
- Haul roads should be sufficiently dampened to minimize fugitive dust generation.
- Wheel washing facilities shall be installed since water jet is implemented as temporary measures.

#### **Construction Noise Impact**

- Noisy operations should be oriented to a direction away from sensitive receivers as far as possible.
- Noise barrier should be properly implemented during piling work.





Landscape and Visual Impact

- Retained tree should be properly fenced off and the working area.
- Mulching shall be provided to the retained tree.
- 11.3 The mitigation measures had been implemented to minimize the environmental impacts due to the construction of FEHD Sai Yee Street Environmental Hygiene Offices-cum-vehicle Depot, Yen Ming Road, West Kowloon Reclamation Area. The recommended mitigation measures in the EIA process and the EM&A programme were effective in protecting the environment. As such, the environmental performance during the construction phase was considered acceptable.
- 11.4 Impact noise monitoring was conducted at Sir Ellis Kadoorie Secondary School (NSR1) and the Fu Cheong Estate Fu Yun House (NSR7) on 5<sup>th</sup>, 10<sup>th</sup>, 14<sup>th</sup>, 20<sup>th</sup>, 22<sup>nd</sup> and 28<sup>th</sup> February 2018.
- 11.5 The minimum and maximum noise level measure in a single 30-min period at the Sir Ellis Kadoorie Secondary School (NSR1) was 60.8 dB(A)  $L_{eq(30min)}$  and 65.8 dB(A)  $L_{eq(30min)}$  respectively with an average of 64.0 dB(A)  $L_{eq(30min)}$ . Therefore, the results were not considered as exceedance. ( $L_{eq}(30min)$  no greater than 70.0 dB(A)).
- 11.6 The minimum and maximum noise level measure in a single 30-min period at the Fu Cheong Estate Fu Yun House (NSR7) was 67.9 dB(A)  $L_{eq(30min)}$  and 74.0 dB(A)  $L_{eq(30min)}$  respectively with an average of 71.0 dB(A)  $L_{eq(30min)}$ . Therefore, the results were not considered as exceedance. ( $L_{eq(30min)}$  no greater than 75.0 dB(A)).
- 11.7 Steel fixing was undertaken on-site and this was identified as the major influencing factors affecting the monitoring results.
- 11.8 In the reporting period, no environmental complaint and no notifications of summons or successful prosecution were received.
- 11.9 Weekly construction phase site inspections and landscape and visual impact inspections were conducted during the reporting month as required. The monitoring results and statistics of non-compliance indicated that the EIA process with its recommended mitigation and EM&A programme were effective for protection of the environment and there was no significantly unacceptable environmental impact posed





- 11.10 In the reporting month, 24.31 tons excavated C&D materials were disposed at public fills and 72.29 tons of general refuse was disposed at NENT landfill. No recyclables (e.g. metals, paper/cardboard packaging or plastics) were collected by recycling contractor.
- 11.11 Construction activities to be undertaken in the next three months include R.C. Frame works, plumbing installation works, drainage installation works, electrical installation works, MVAC installation works, fire services installation works, site works of aluminum window / louvre and curtain wall, grasscrete works, internal finishing works, mechanical handling lifting installation works, lift services works, roofing works, sanitary fitting installation works and external and landscaping works. Potential environmental impacts include generation of various wastes including oil and chemical wastes, general refuse and construction waste, maintenance work to all drainage facilities and wheel washing facility, dust from construction works, waste water from surface runoff, drainage facilities and wheel washing facilities noise from operation equipment and machinery, tree protective measures shall be carried for tree retained.
- 11.12 The Contractor should properly implement environmental mitigation measures as per the implementation schedule in the EM&A manual to ensure no adverse environmental impacts to be arisen from the construction works. The Contractor is also reminded to maintain good housekeeping at the site.



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Appendix A Master Programme





#### China Road and Bridge Corporation

#### Master Construction Programme (Rev.12)

Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum-vehicle Depot at Yen Ming Road (SSD505)

ID	Task Name	Duration	Start	Finish	ptember 2015 21 October 11 December 18/10 8/11 29/11 20/12 10/1 3	January 2016	21 March	May 2016 11 May   15/5 5/6 26/6	6 1 July	21 August	September 2016 11 October 9/10 30/10 20/	1 December	January 20 21 January 22/1 12/2	17 11 March	1 May 4 7/5 28/5	May 2017 21 June 18/6 9/7 3	20/7
1	Contract period	862 days	Wed 9/12/15	Wed 18/4/1	18	01/1   Z1/Z	13/3 3/4 24/4	1 20/0 20/0	, <u>1/// //8</u>	20/0 10/9	<u> 9/10   50/10   20/</u>	11   11/12   1/1	22/1 12/2	3/3   20/3   16/	<u>+ //&gt; /28/5</u>	10/0 9// 3	0/1
2	Project commencement	1 day	Wed 9/12/15	Wed 9/12/1	9/12 9/12										1	1	i.
3	i toject completion	1 day	Wed 18/4/18	Wed 18/4/1											1		1
4	Millestone Butes	862 days	Wed 9/12/15	Wed 18/4/1				l.							1	1	
6	Toject commencement	1 day	Wed 9/12/15	Wed 9/12/1	10				1		1 1		I I	◆ 22/3	1		
ľ	Submission / Application of Form WWO 046 (Part I & II)	1 day	Wed 22/3/17	Wed 22/3/1	1/		i i	j.							į.	i.	j.
7	Submission of Form WWO46 Part IV	1 day	Fri 9/3/18	Fri 9/3/1	18						1		I I		1		1
8	Last Manhole Connection Completion	1 day	Thu 18/1/18	Thu 18/1/1			1								i.	1	1
9	Water Certificate Obtained (Plumbing Installation)	1 day	Fri 16/3/18	Fri 16/3/1	18			l l			1 1				1		
10		1 day	Wed 3/1/18	Wed 3/1/1	18		1	-	1		! !		1		1	1	1
11	to CLP	1 .1	Mar. 10/0/10	Mar. 10/0/1											1	1	
12	Power Energisation Lift certificate Obtained (Fireman's Lift)	1 day 1 day	Mon 12/3/18 Tue 13/3/18	Mon 12/3/1 Tue 13/3/1											1		
13	Form 501 Submission	1 day	Tue 27/2/18	Tue 13/3/1			i i	i i	i		i i		i i		i.	i	i.
14		1 day	Mon 19/3/18	Mon 19/3/1							1				1		
15	F.S. Certificate Obtained	1 day	Tue 10/4/18	Tue 10/4/1			i i	i i	i		i i		i i		i	i	i.
16	Site Handover	1 day	Wed 18/4/18	Wed 18/4/1	18						1 1		I I		1		
17	Critical Path Summary	862 days	Wed 9/12/15	Wed 18/4/1			1	Ì					1		1	-	<u> </u>
18	Project commencement	0 days	Wed 9/12/15	Wed 9/12/1			31/3				1		I I		1		
19 20	riourung motuliation	113 days	Thu 10/12/15	Thu 31/3/1			1/4	I	5/8						1	1	1
20	H-pile (305x305x180) - total 399nos	127 days	Fri 1/4/16 Sat 6/8/16	Fri 5/8/1 Fri 19/8/1				i i	6/8	19/8	1		I I		1		i i
	As-built record submission and selection of loading test	14 days	Jai 0/0/10	EII 17/0/1			1						i i		1	1	I.
22	Loading test (70% completed)	38 days	Sat 20/8/16	Mon 26/9/1	16			r I	20/8	26/9	9		I I		i i	1	i i
23	Construction of Pile cap with sheetpile (80%	184 days	Tue 27/9/16	Wed 29/3/1					1	27/9 🎽				29/3	1	1	I.
<u> </u>	Completed)						- I I				i l		I I	2012		i.	Ì
24 25	Backfilling works for Pile Cap	45 days	Thu 30/3/17	Sat 13/5/1										30/3	13/5	1	1
25	R.C. Frame of A2 (G.L.1-4/A-F), G/F~R/F,	262 days	Sun 14/5/17	Tue 30/1/1			i i	, I	1		, i		, i		- 11 5	1	-
1	External Wall Preparation Works for Curtain Wall Installation CW1, CW2	13 days	Wed 31/1/18	Mon 12/2/1							1 I				I.		I
27	External Wall Preparation Works for Curtain Wall	9 days	Tue 13/2/18	Wed 21/2/1	18		1		Ì				i i		1	1	1
	Installation CW3, CW4, CW5, CW6				i i i			l l							1	1	i.
28	Erection of Aluminium Frames (CW3, CW4, CW5,	18 days	Thu 22/2/18	Sun 11/3/1	18			l.	1		1				1		1
29	CW6) Removal of scaffoldings	7 dovo	Mon 12/3/18	Sun 18/3/1	10		i i	i i	i		i i		i i		i.	i	i.
30	FSD inspection and Issuance of FS Certificate	7 days 23 days	Mon 19/3/18	Tue 10/4/1							1		I I		1		
31		7 days	Wed 11/4/18	Tue 17/4/1			i i	Í.	i		i i		i i		i.	i.	i.
32	General cleaning	1 day	Wed 18/4/18	Wed 18/4/1							1		I I		1		
33	Preparation works	365 days	Thu 10/12/15	Thu 8/12/1									1		1	I.	1
34	Mobilization	7 days	Thu 10/12/15	Wed 16/12/1				l l			1 1		I I		1		
35	Condition survey and U/G utility survey	80 days	Thu 10/12/15	Sat 27/2/1		27/2	17/4	[	1						1	1	1
36	Setting up site office (1) Drawing submission and	130 days	Thu 10/12/15	Sun 17/4/1	16 10/12		17/4				· · ·				1	I.	
37	approval Setting up site office (2) Material fabrication and	60 days	Mon 18/4/16	Thu 16/6/1	116		18/4	16/6			1				1	1	
	construction	00 00 3	10101110/4/10	1110 10/0/1			i i	i	i		i i		i i		i.	i	i.
38	Temporary electricity and water	218 days	Thu 10/12/15	Thu 14/7/1					14/7		1 1				1		
39	Setting out of site area	66 days	Thu 10/12/15	Sat 13/2/1		13/2	1	i i	1		1		1		i.	i.	1
40	Hoarding (1) installation	113 days	Thu 10/12/15	Thu 31/3/1			31/3	30/5			1		I I		1	1	1
41 42	Hoarding (2) painting and lighting	60 days	Fri 1/4/16	Mon 30/5/1		7/2	1/4	30/5			! !				1	1	1
42	Removal of existing trees Hoarding enhancement work	60 days 45 days	Thu 10/12/15 Tue 25/10/16	Sun 7/2/1 Thu 8/12/1	10	1/2				2	25/10	8/12			1	I.	i.
44	Piling work	446 days	Wed 9/12/15	Sun 26/2/1									<b></b>		1		
45	Design Submission	78 days	Wed 9/12/15	Wed 24/2/1			i i	i	i		i i		i i		i.	i	i.
46	Preparation and submit piling design	27 days	Wed 9/12/15	Mon 4/1/1	9/12 4/1						1 I				1	1	1
47	Review of piling design by SCU	30 days	Tue 5/1/16	Wed 3/2/1	10	3/2	i i		1		j i		į i		1	1	I
48	Coordination with MTRC and Method statement	21 days	Thu 4/2/16	Wed 24/2/1	16 4/2	24/2					1 I		1   [		i I		I
49	for MTRC Approval Noise permit application	45 days	Mon 14/12/15	Wed 27/1/1	16 14/12 27/	1		1	1						1	1	1
50	Material testing	141 days	Mon 28/12/15	Mon 16/5/1					1		j l		į i		i.	1	I
51	H-Pile Delivery (Batch 1 to 4)	15 days	Mon 28/12/15	Mon 11/1/1							1 I		(   		1		1
52	H-Pile Delivery (Batch 5)	1 day	Tue 12/4/16	Tue 12/4/1			12/4 12/4	I	i		į i		i i		1	1	1
53	H-Pile Delivery (Batch 6)	1 day	Wed 13/4/16	Wed 13/4/1		21/2 - 21/2	13/4 13/4				1 I		1   [		i I		I.
54 55	Delivery of Splicing Steel Plate (1st Batch)	1 day	Sun 21/2/16	Sun 21/2/1	10	21/2 21/2	9/5	9/5	Ì				1		1	1	I
55	Delivery of Splicing Steel Plate (2nd Batch)	1 day	Mon 9/5/16	Mon 9/5/1				9/5 16/5			· · ·		1   		1		1
50	Material Testing for H-pile (Batch 1) Material Testing for H-pile (Batch 2, 3 & 4 &	7 days 15 days	Tue 10/5/16 Thu 28/1/16	Mon 16/5/1 Thu 11/2/1		11/2	10,5		Ì				i i		I.	1	I
	Batch 1 16mmthk, steel plate)	15 udys	110 20/1/10	11iu 11/2/1							i l		i i		i.	i.	i.
58	Material Testing for H-pile (Batch 5, 6 & Batch	13 days	Fri 22/4/16	Wed 4/5/1	16		22/44/	5			1 1				1		
	2, 16mm thk steel plate)	00.1		-	8/2	8/	/3						1		1	1	I
59	Completion of monitoring check points, noise barrier and baseline noise monitoring	30 days	Mon 8/2/16	Tue 8/3/1	10	δ/					· · ·		1   		i I		I
60	Installation of trial pile (2 hammers)	104 days	Thu 10/3/16	Tue 21/6/1	16	-			1		1				1	1	1
61	Trial pile driving (21 nos.)	71 days	Thu 10/3/16	Thu 19/5/1		10/3 🚃		19/5			j i		ļ i		1	1	Ì
62	PDA test	1 day	Fri 20/5/16	Fri 20/5/1	16		20,	/5 20/5			1 I		1   		I.		
63 64	Final set table preparation	1 day	Tue 31/5/16	Tue 31/5/1				31/5 31/5 1/6 21/6	1				i i		1	1	I.
64	Approval of Hiley Formula Data and Final Set Table	21 days	Wed 1/6/16	Tue 21/6/1	16			T/0			i i		. I		i.	i.	i.
65		332 days	Fri 1/4/16	Sun 26/2/1	17						I I		· · · · · · · · · · · · · · · · · · ·		1	1	I.
66	Pile driving	127 days	Fri 1/4/16	Fri 5/8/1			•				j i		į i		i.		i
67	H-pile (305x305x180) - total 399nos	127 days	Fri 1/4/16	Fri 5/8/1			1/4		5/8		1 I		1   [		I.		1
68	H-pile (305x305x223) - total 87nos	48 days	Sat 21/5/16	Thu 7/7/1			21		7/7				1		1	1	I.
69 70	Final set	39 days	Wed 22/6/16	Sat 30/7/1				22/6	30/7	20/8			į i		i.		
	PDA test	60 days	Wed 22/6/16	Sat 20/8/1	10			-2/0			1 1		1		1	1	

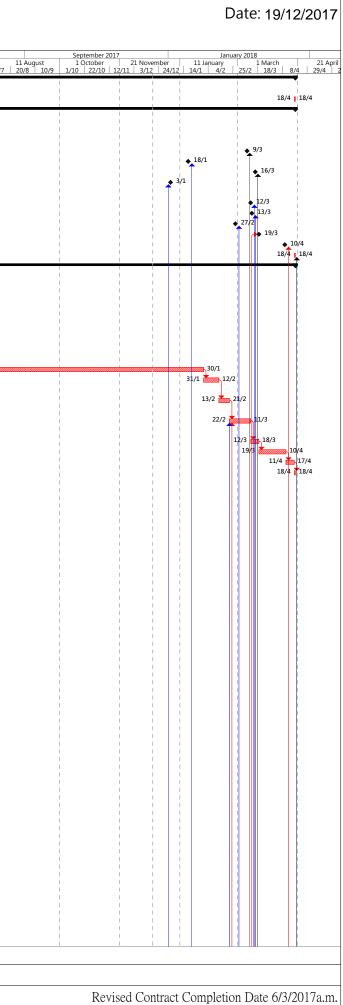
Summary

Project: SSD505 - Master Construction Task Transk Critical Path Progress — Milestone +

Remarks: \*Delay in selection of pile for loading test subject to EOT claim

7-13 Feb 2016 and 27 Jan- 2 Feb 2017 and 16 Feb - 19 Feb 2018 Chinese New Year site close

Page 1

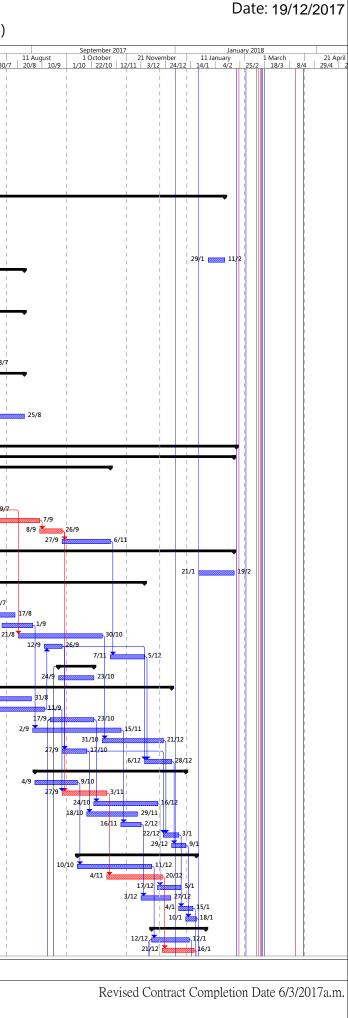


#### China Road and Bridge Corporation

#### Master Construction Programme (Rev.12)

Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum-vehicle Depot at Yen Ming Road (SSD505)

	ask Name	Duration	Start	Finish	ptember 2015 21 October 11 December	January 2016 1 February	21 March	11 May	2016 1 July	September 2016           21 August         11 October         1 December	January 2017 21 January 11 March	May 2017 1 May 21 June
71	As-built record submission and selection of	14 days	Sat 6/8/16	Fri 19/8/16	18/10 8/11 29/11 20/12 10/		13/3 3/4 24/4		26/6 17/7 7/8 6/8 19	21 August   11 October   1 December 28/8   18/9   9/10   30/10   20/11   11/12   1/ /8		16/4 7/5 28/5 18/6 9/7
70	loading test											
72	Loading test (including set up)*	38 days	Sat 20/8/16	Mon 26/9/16				1	20/8	26/9		
73 74	Loading Test for FD3-P11	4 days	Tue 6/12/16	Fri 9/12/16		i.		1		6/12 🔤 9/12 13/12 📷 16/12		
75	Loading Test for FC7-P4 Re-drive / PDA test and CAPWAP analysis	4 days 4 days	Tue 13/12/16 Tue 25/10/16	Fri 16/12/16 Fri 28/10/16						25/10 28/10		
76	for FA7-P1, FA7-P2, FA7-P3					1	1		 	2/11 4/11		
/6	Re-drive / PDA test and CAPWAP analysis for FA7-P1, FA7-P2, FA7-P3 (2nd time)	3 days	Wed 2/11/16	Fri 4/11/16				1	I I I I			
77	Proof Drilling Work for FA7	7 days	Thu 17/11/16	Wed 23/11/16	<b>i</b>		1	1		17/11 23/11		
78	Remedial work for FA7	54 days	Thu 24/11/16	Mon 16/1/17		1	1	1	1 I	24/11	16/1	i i
79	Remedial work for FA7 (Revised Design)	41 days	Tue 17/1/17	Sun 26/2/17			I	1		17/1	26/2	
80 T	Tower crane	657 days	Tue 26/4/16	Sun 11/2/18			26/4	27/5				
82	Submission of tower crane proposal Comments on tower crane proposal	32 days 1 day	Tue 26/4/16 Tue 9/8/16	Fri 27/5/16 Tue 9/8/16			20/4		9/8 9/8			
83	Setting up of tower crane	87 days	Mon 14/11/16	Wed 8/2/17			1	1			<b></b>	
84	ELS for TC1, TC2	40 days	Mon 14/11/16	Fri 23/12/16				l.	i i	14/11 23/12	i i	
85	Setting up of tower crane TC1 & TC2	30 days	Tue 10/1/17	Wed 8/2/17			1	1	i i	10/1	8/2	
86 87 <b>(</b>	Dismantle of tower crane	14 days	Mon 29/1/18	Sun 11/2/18	-		1	1	1	1	I I	I I
88	Pile caps Design of pile cap submission and PTS approval	534 days 40 days	Thu 10/3/16 Thu 10/3/16	Fri 25/8/17 Mon 18/4/16		10/3	18/4	i i	i i		i i	
89	Design of pile cap - Review and approval by SCU	32 days	Fri 13/5/16	Mon 13/6/16			13/5	13/6				
90	ELS design submission and approval	86 days	Wed 6/4/16	Thu 30/6/16		I.	6/4		30/6			
91	Construction of pile caps (ELS in Two Stage)	333 days	Tue 27/9/16	Fri 25/8/17		i.		1		27/0		
92	Construction of Pile cap with sheetpile(G.L.	184 days	Tue 27/9/16	Wed 29/3/17		1	1	1		27/9	29/3	
93	1-9/A-K) Construction of Pile cap with sheetpile(G.L.	81 days	Sun 29/1/17	Wed 19/4/17	7	į		1	i i		29/1	19/4
	6-9/A-C)	o i udys	Juli 29/1/17	WEU 19/4/17		I I		1				
94	Construction of pile cap with open cut method	175 days	Sat 4/2/17	Fri 28/7/17		I.		1			4/2	
95	Backfilling works for Pile Cap	149 days	Thu 30/3/17	Fri 25/8/17		i I		i I				- 21/4
96 97	A1 (G.L.1-5/F-K)	23 days	Thu 30/3/17	Fri 21/4/17		I I	1	1	 		30/3	13/5
97	A2 (G.L.1-5/ A-F) A3 (G.L.5-9/ F-K)	22 days 34 days	Sat 22/4/17 Thu 18/5/17	Sat 13/5/17 Tue 20/6/17				1	1		22/4	18/5
99	A3 (G.L.5-9/ F-K) A4 (G.L.5-9/ A-F)	48 days	Sun 9/7/17	Fri 25/8/17	7	I.		1 	1 I			9/7
100	Construction of Pile cap FA7 (including	34 days	Wed 22/2/17	Mon 27/3/17				1			22/2 27/3	
101	backfill)	-			1	i.		1				
101 g	Superstructure	306 days	Sat 22/4/17	Wed 21/2/18		I I		1				
102	R.C. Frame Backfill works for Pile cap to G/F Beam	304 days 199 days	Sat 22/4/17 Sat 22/4/17	Mon 19/2/18 Mon 6/11/17		I.		1				
103	A1 (G.L.1-4/F-K)	29 days	Sat 22/4/17 Sat 22/4/17	Sat 20/5/17		i I		i 			22/4	20/5
105	A2 (G.L.1-4/A-F)	48 days	Sun 14/5/17	Fri 30/6/17		1		1				14/5 30/6
106	A3 (G.L.4-7/ F-K)	29 days	Fri 26/5/17	Fri 23/6/17		į		1	i i			26/5 23/6
107 108	A5 (G.L.7-9/ F-K)	29 days	Sat 1/7/17	Sat 29/7/17		I.		1				1/7
108	Ramp (G.L.6-9/ E-F)	40 days	Sun 30/7/17	Thu 7/9/17		I.		1				30/7
109	A4 (G.L.4-7/ A-F) A6 (G.L.7-9/ A-F)	19 days 41 days	Fri 8/9/17 Wed 27/9/17	Tue 26/9/17 Mon 6/11/17		i I	i I	i I				
111	G/F Slab	277 days	Fri 19/5/17	Mon 19/2/18		I I		1	I I I I			
112	A1 (G.L.1-4/F-K)	30 days	Fri 19/5/17	Sat 17/6/17	7	1	1	1				19/5
113	A2 - A6 (G.L.1-9/A-K)	30 days	Sun 21/1/18	Mon 19/2/18	3			1				
114 115	G/F to UG/F	188 days	Thu 1/6/17	Tue 5/12/17		1		1				1/613/7
115	A1 (G.L.1-3/F-K) A2 (G.L.1-3/A-F)	43 days 26 days	Thu 1/6/17 Sat 1/7/17	Thu 13/7/17 Wed 26/7/17		i.		1				1/6
117	A3 (G.L.4-5/ F-K)	20 days 27 days	Sat 1///17	Thu 17/8/17		I I		1				22/7
118	A4 (G.L.3-5/ A-F)	26 days	Mon 7/8/17	Fri 1/9/17		I.	1	1				7/
119	A5 (G.L.8-9/ F-K)	71 days	Mon 21/8/17	Mon 30/10/17		i i		1				
120	Ramp (G.L.6-9/ E-F)	15 days	Tue 12/9/17	Tue 26/9/17		1	1	1				
121 122	A6 (G.L.7-9/ A-F) Water Tanks	29 days	Tue 7/11/17	Tue 5/12/17		i.			1			
122	Water Tanks Water Tank (G.L.4-5/F-K)	30 days 30 days	Sun 24/9/17 Sun 24/9/17	Mon 23/10/17 Mon 23/10/17		I I		1				
124	G/F & UG/F to 1/F	162 days	Thu 20/7/17	Thu 28/12/17		I.		1				· :     : ++
125	A1 (G.L.1-3/F-K)	43 days	Thu 20/7/17	Thu 31/8/17		1		1				20/7
126	A2 (G.L.1-3/A-F)	47 days	Thu 27/7/17	Mon 11/9/17		1		1	I I I I			27/7 🛓
127 128	A3 (G.L.4-7/ F-K)	37 days	Sun 17/9/17	Mon 23/10/17		I.	1	1				
128	A4 (G.L.3-5/ A-F) A5 (G.L.7-9/ F-K)	75 days 52 days	Sat 2/9/17 Tue 31/10/17	Wed 15/11/17 Thu 21/12/17				1				
130	Ramp (G.L.3-6/ E-F)	21 days	Wed 27/9/17	Tue 17/10/17		1	1	1				
131	A6 (G.L.7-9/ A-F)	23 days	Wed 6/12/17	Thu 28/12/17		į		1	i i			
132	1/F to 2/F	128 days	Mon 4/9/17	Tue 9/1/18	3	I I		1	I I I I			
133 134	A1 (G.L.1-4/F-K)	36 days	Mon 4/9/17	Mon 9/10/17		I.		1				
134	A2 (G.L.1-4/A-F)	38 days	Wed 27/9/17 Tue 24/10/17	Fri 3/11/17		i I		i I				
136	A3 (G.L.4-7/ F-K) Ramp (G.L.3-6/ E-F)	54 days 43 days	Wed 18/10/17	Sat 16/12/17 Wed 29/11/17		1	1	1	 			
137	A4 (G.L.4-7/ A-F)	17 days	Thu 16/11/17	Sat 2/12/17		l.			i i			
138	A5 (G.L.7-9/ F-K)	13 days	Fri 22/12/17	Wed 3/1/18	3	I I		1				
139	A6 (G.L.7-9/ A-F)	12 days	Fri 29/12/17	Tue 9/1/18		1		1				
140 141	2/F to 3/F	101 days	Tue 10/10/17	Thu 18/1/18 Mon 11/12/17		i.		1				
141	A1 (G.L.1-4/F-K) A2 (G.L.1-4/A-F)	63 days 47 days	Tue 10/10/17 Sat 4/11/17	Mon 11/12/17 Wed 20/12/17		I I		1				
143	A3 (G.L.1-4/A-F)	20 days	Sun 17/12/17	Fri 5/1/18		l.		1	1			
144	A4 (G.L.4-7/ A-F)	25 days	Sun 3/12/17	Wed 27/12/17	7	l I		1 				
145	A5 (G.L.7-9/ F-K)	12 days	Thu 4/1/18	Mon 15/1/18	3			1				
146 147	A6 (G.L.7-9/ A-F)	9 days	Wed 10/1/18	Thu 18/1/18		i		1	i i			
147	3/F to 4/F A1 (G.L.1-4/F-K)	46 days 32 days	Tue 12/12/17 Tue 12/12/17	Fri 26/1/18 Fri 12/1/18		I I		1				
140	A1 (G.L.1-4/F-K) A2 (G.L.1-4/A-F)	27 days	Thu 21/12/17	Tue 16/1/18		I.		1				
	· · · · ·							1	1	I		
Project: St	1dSK	Critical Path	Progress	,	<ul> <li>Milestone</li> <li>Sum</li> </ul>	mary 🛡	*					
Project: S Date: Tue	19/12/17											

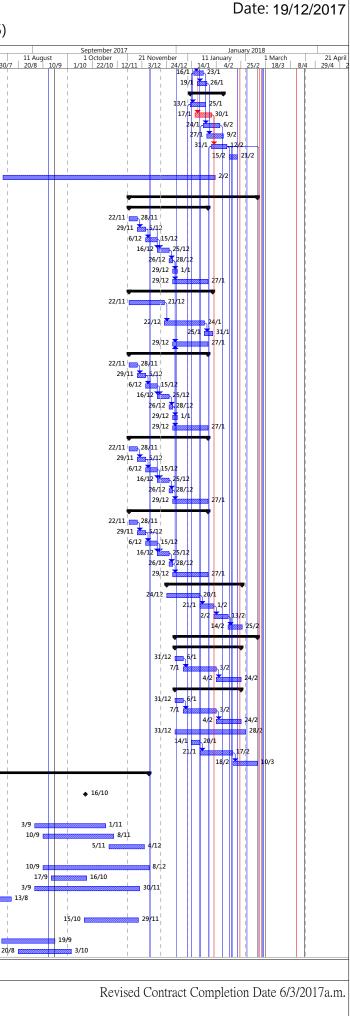


#### Master Construction Programme (Rev.12)

Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum-vehicle Depot at Yen Ming Road (SSD505)

					21 October   10 8/11 29/1	1 20/12 10/1	1 February 31/1 21/2	21 March   13/3   3/4   2	4/4 15/5 5/6	1 July 26/6 17/7 7,	21 August /8 28/8 18/9	11 October   9/10   30/10   20	1 December 1/11 11/12 1/1	21 January 22/1 12/2	11 March 5/3 26/3 16/	/4   7/	1 May /5 28/5	18/6
50	A5 (G.L.7-9/ F-K)	8 days	Tue 16/1/18	Tue 23/1/18		, 10/1							. <u>- , , ,</u>   		1 20,5 10/			
51 52	A6 (G.L.7-9/ A-F)	8 days	Fri 19/1/18	Fri 26/1/18								1	1	1		¦		1
53	4/F to R/F A1 (G.L.1-4/F-K)	28 days 13 days	Sat 13/1/18 Sat 13/1/18	Fri 9/2/18 Thu 25/1/18	1		i.	į	i.		1	1						i.
54	A1 (G.L.1-4/7-K) A2 (G.L.1-4/A-F)	14 days	Wed 17/1/18	Tue 30/1/18			I I	l l				1	1	1				I.
55	A5 (G.L.7-9/ F-K)	14 days	Wed 24/1/18	Tue 6/2/18	1		1		I.			1	1	1				1
56 57	A6 (G.L.7-9/ A-F)	14 days	Sat 27/1/18	Fri 9/2/18			i i		I.	1	1		i.	l.		i		i.
57	R/F to UR/F	13 days	Wed 31/1/18	Mon 12/2/18								1	1	1				1
	Late cast portions (Temp openings for Tower Crane, Material Hoist, etc)	7 days	Thu 15/2/18	Wed 21/2/18	1		1		I.			1	1	1		1		l.
59	Material and Shopdrawing submissions for	180 days	Mon 7/8/17	Fri 2/2/18			i i		I.		1		1	l.	1	1		i.
	mock up items	_			1								1	1				1
60 9 61	Sample of finished work	109 days	Wed 22/11/17	Sat 10/3/18	1		i.		- I		1	1	1	1				i.
62	Lavatory Confirmation of Setting Out	67 days 7 days	Wed 22/11/17 Wed 22/11/17	Sat 27/1/18 Tue 28/11/17					l.		1		1	1				i.
53	Flooring screeding	7 days	Wed 29/11/17	Tue 5/12/17					l I		1		1	1				1
54	Wall and Floor Tiles	10 days	Wed 6/12/17	Fri 15/12/17	Ì						1		1	1		i l		i -
5	BS Installation	10 days	Sat 16/12/17	Mon 25/12/17						I.	1		1	1		i l		i i
6	Ceiling Installation	3 days	Tue 26/12/17	Thu 28/12/17					1		1		1	1				1
57	Install Sanitary Fitting General Cleaning and Approval of Mock Up	4 days 30 days	Fri 29/12/17 Fri 29/12/17	Mon 1/1/18 Sat 27/1/18					i i		1		1	l.		i		i.
59	Locker	71 days	Wed 22/11/17	Wed 31/1/18	1							1	1	1				1
0	Confirmation of Shop Drawing and Colour	30 days	Wed 22/11/17	Thu 21/12/17	1								1	1				i.
	selection								l.		1		1	l.				i.
'1 '2	Fabrication	34 days	Fri 22/12/17	Wed 24/1/18	1		1	l I	I.		1	1	1	1				1
3	Installation General Cleaning and Approval of Mock Up	7 days 30 days	Thu 25/1/18 Fri 29/12/17	Wed 31/1/18 Sat 27/1/18			i i	i.	l.		1	1	1	1				i.
4	Changing & Shower Room	50 days 67 days	Wed 22/11/17	Sat 27/1/18 Sat 27/1/18			I.	I.	I.	l I		i I	i I	i I				r I
75	Confirmation of Setting Out	7 days	Wed 22/11/17 Wed 22/11/17	Tue 28/11/17				l I	I.		1	1	1	1				1
76	Flooring screeding	7 days	Wed 29/11/17	Tue 5/12/17	1		į.	i.			1							i.
'7 '8	Wall and Floor Tiles	10 days	Wed 6/12/17	Fri 15/12/17			1	L L	I.		1	1	1	1		1		1
'8 '9	BS Installation Ceiling Installation	10 days 3 days	Sat 16/12/17 Tue 26/12/17	Mon 25/12/17 Thu 28/12/17	ļ		1	I.	I.		]		1	1	i i			1
30	Install Sanitary Fitting	3 days 4 days	Fri 29/12/17	Mon 1/1/18			i I	i I	I.	l I	1	i i	1	i I	i l			r I
31	General Cleaning and Approval of Mock Up	30 days	Fri 29/12/17	Sat 27/1/18				l l	I.		1	1	1	1				1
12	Corridor	67 days	Wed 22/11/17	Sat 27/1/18			1	l.	I.		1	1	1	1				1
13 14	Confirmation of Setting Out	7 days	Wed 22/11/17	Tue 28/11/17			1	l.	T.		1	1	i I	l.		i l		i.
14 15	Flooring screeding Wall and Floor Tiles	7 days 10 days	Wed 29/11/17 Wed 6/12/17	Tue 5/12/17 Fri 15/12/17	1		1	I.	I.		1	1	1	T T				1
6	BS Installation	10 days	Sat 16/12/17	Mon 25/12/17			1	i.	1		1	1	1	1	i -	i l		1
17	Ceiling Installation	3 days	Tue 26/12/17	Thu 28/12/17			I I	i I	I.	l I		i I	i I	i I	· · · · · · · · · · · · · · · · · · ·			l.
8	General Cleaning and Approval of Mock Up	30 days	Fri 29/12/17	Sat 27/1/18			1	I I	I.		1	1	1	1				1
9	G/F Entrance lobby	67 days	Wed 22/11/17	Sat 27/1/18	i				i.		1		i.	i.				i i
1	Confirmation of Setting Out Flooring screeding	7 days 7 days	Wed 22/11/17 Wed 29/11/17	Tue 28/11/17 Tue 5/12/17								1	1	1				i.
2	Wall and Floor Tiles	10 days	Wed 6/12/17	Fri 15/12/17	1						1	1	1	1		1		1
3	BS Installation	10 days	Sat 16/12/17	Mon 25/12/17			i i		l.				1	l.		i		i.
4	Ceiling Installation	3 days	Tue 26/12/17	Thu 28/12/17	1								1	1				
15 16	General Cleaning and Approval of Mock Up	30 days	Fri 29/12/17	Sat 27/1/18	1		1		1	1	1	1	1	1		1		1
17	Grasscrete (G/F External parking area) Surface preparation	64 days 28 days	Sun 24/12/17 Sun 24/12/17	Sun 25/2/18 Sat 20/1/18					i i		1		1	l.		i		i.
8	Lay sub-base and sand	12 days	Sun 21/1/18	Thu 1/2/18					I				1	1				1
9	Lay grasscrete block	12 days	Fri 2/2/18	Tue 13/2/18	1		1		1	1	1	1	1	1		1		1
0	Soil and seed	12 days	Wed 14/2/18	Sun 25/2/18					l.		1		1	I.		i l		i.
1	Recycled plastic	70 days	Sun 31/12/17	Sat 10/3/18							1	1	1	1				1
3	External cladding & louvre feature Setting out works	56 days 7 days	Sun 31/12/17 Sun 31/12/17	Sat 24/2/18 Sat 6/1/18							1		1	1		i l		i.
14	Installation of GMS frame	28 days	Sun 7/1/18	Sat 0/1/18 Sat 3/2/18			I.	i I	I.	l I		i I	i I	i I		1		r I
5	Fixing of recycle plastic	21 days	Sun 4/2/18	Sat 24/2/18	1			I I	I.		1	1	1	1				1
)6 )7	Green wall feature	56 days	Sun 31/12/17	Sat 24/2/18			i.	į	i.	1			1		i i	i l		i.
8	Setting out works Installation of GMS frame	7 days	Sun 31/12/17 Sun 7/1/18	Sat 6/1/18 Sat 3/2/18			I I	I.	I.		1	1	1	1				1
9	Fixing of recycle plastic	28 days 21 days	Sun 7/1/18 Sun 4/2/18	Sat 3/2/18 Sat 24/2/18	1		1	{	I.		1		1	1				1
0	Parapet wall feature	60 days	Sun 31/12/17	Wed 28/2/18			i.	i			1	i.		1				ĺ
1	Setting out works	7 days	Sun 14/1/18	Sat 20/1/18			1	t t	I.			1	1	1				1
.2	Installation of GMS frame	28 days	Sun 21/1/18	Sat 17/2/18			1	l l	I.		1	1	1	1				1
	Fixing of recycle plastic Major Material Submission and Approval (details	21 days 260 days	Sun 18/2/18 Thu 23/3/17	Sat 10/3/18 Fri 8/12/17			i.	į			1	1		1				1
	efer to submission schedule)	200 udys	11u 23/3/17	1110/12/17			I I	t t	I.			1	1	1				1
5	Solid concrete block	0 days	Mon 16/10/17	Mon 16/10/17	1		1	1	I.		1	1	1	1				l.
5	Liquid membrane waterproofing	0 days	Thu 11/5/17	Thu 11/5/17			į.	į			1	1		1		•	11/5	ĺ.
7 B	Cementitious waterproofing coating	0 days	Mon 3/7/17	Mon 3/7/17			1	l l	I.	1	1	1	1	1				<b>•</b>
> }	Floor Tiles Wall Tiles	60 days 60 days	Sun 3/9/17 Sun 10/9/17	Wed 1/11/17 Wed 8/11/17	l		1	l.	I.		1	1	1	1				l.
)	Timber flush doors (general and fire-rated)	30 days	Sun 5/11/17	Mon 4/12/17			1	i.	i I	i i	1	i	i.	l L	i l			í
	Plastic laminate panel (wood grain pattern)	0 days	Wed 17/5/17	Wed 17/5/17	1		1	l I	I.		1	1	1	1			17/5	1
2	Acoustic timber wall panel system	90 days	Sun 10/9/17	Fri 8/12/17			i.	i.	l.		1	1	1	1				i.
3	Recycle wood panel, 3mm thk	30 days	Sun 17/9/17	Mon 16/10/17			I I	I I	I.			1	1	1				1
4 5	Folding partitions Ironmongeries	89 days 92 days	Sun 3/9/17 Sun 14/5/17	Thu 30/11/17 Sun 13/8/17	l		1	1	I.		1		1	1		14/5		1
6	Toilet cubicle partitions	92 days 0 days	Thu 13/7/17	Thu 13/7/17			į.	į	i.		1	1			i i	i [		
27	Ceiling System	46 days	Sun 15/10/17	Wed 29/11/17			1	l L	I.	1	1	1	1	I.		1		1
8	Locker system	0 days	Thu 13/7/17	Thu 13/7/17	l		1	l.	I.				1	1				1
29 30	External recycle plastic features	45 days	Sun 6/8/17	Tue 19/9/17				i.				i.						í.
~	Recycle plastic trellis (Type 1)	45 days	Sun 20/8/17	Tue 3/10/17				1		1	1		1	1				1

7-13 Feb 2016 and 27 Jan- 2 Feb 2017 and 16 Feb - 19 Feb 2018 Chinese New Year site close

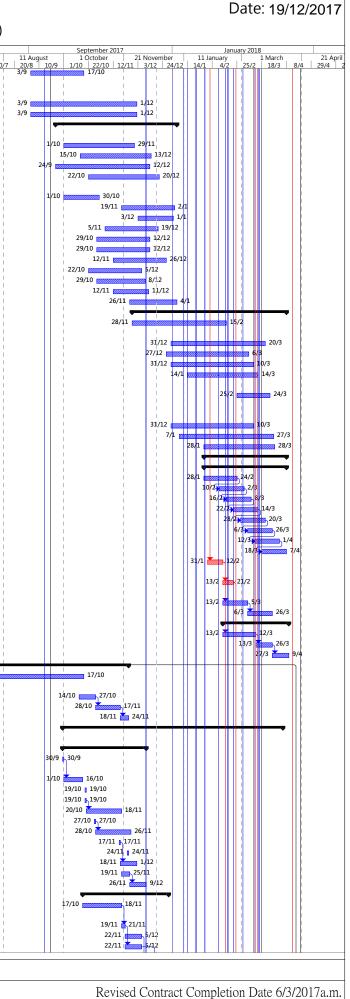


#### Master Construction Programme (Rev.12)

Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum-vehicle Depot at Yen Ming Road (SSD505)

				21 October	11 December	1 February	21 March 3/3 3/4 24/4	11 May 11 May	1 July	21 August	11 October	1 December	21 January 22/1 12/2	11 March	16/4 7	1 May /5 28/5	May 201
Recycle wood plastic composite with aluminium	45 days	Sun 3/9/17	Tue 17/10/17					<u>  13/3   3/0   2</u> 			 	11   11/12   1/1	22/1   12/2	1	10/4 / //	/5 20/5	
core section wall cladding Vinyl floor tile	0 days	Thu 23/3/17	Thu 23/3/17			1	 			1	1		1	♦ 23/3			ł
<sup>3</sup> Carpet tile	90 days	Sun 3/9/17	Fri 1/12/17	1	l.	1		1		1			1	1			1
External and internal paint	90 days	Sun 3/9/17	Fri 1/12/17		1	1	I I	1		1	 		1				1
5 Shop drawing Submission and Approval (details	103 days	Sun 24/9/17	Thu 4/1/18		l.	1		1		1			1	1			1
refer to submission schedule)	-				l	1	I I	1		1	I I		1				i
Glazing doors	60 days	Sun 1/10/17	Wed 29/11/17		l.	1		1		1			1	1			1
7 Metal Door and access panels	60 days	Sun 15/10/17	Wed 13/12/17			1	I I			1	1		1				i.
Recycled Plastic Feature     Suspensed Ceiling and Fire Resisting Enclosure	80 days	Sun 24/9/17	Tue 12/12/17	. 1			I I	1		1			1				1
Suspensed coming and the Residung Enclosure	60 days	Sun 22/10/17	Wed 20/12/17		1	1	I I	1		1	1		1				1
System D Fall Arrest System	20 days	Cup 1/10/17	Mon 20/10/17	i i	I	i.	i i	i		i	i i		i	i l	i i		i -
i di Filloot O Jotom	30 days	Sun 1/10/17	Mon 30/10/17			1		1		1			1	1			1
Acoustic Timber Wall Panel System Acoustic Operable Wall System	45 days 30 days	Sun 19/11/17 Sun 3/12/17	Tue 2/1/18 Mon 1/1/18		1	1	I I	1		1	1 I		1				i.
Timber Door	45 days	Sun 5/11/17	Tue 19/12/17		l	1	I I	1		1			1	1			1
<sup>4</sup> Timber Cabinet	45 days	Sun 29/10/17	Tue 12/12/17								1						1
Roller Shutters and Fire Shutters	45 days	Sun 29/10/17	Tue 12/12/17		I.	L	I I	1		I	I I		L	1	1		1
5 Metal railing system	45 days	Sun 12/11/17	Tue 26/12/17			1					1						-
7 Waterproofing System	45 days	Sun 22/10/17	Tue 5/12/17		I	i	i i	i		i.	i i		i	i l	i		i.
3 Toilet and Shower Cubicle Partition Systems	41 days	Sun 29/10/17	Fri 8/12/17			1		1		1			1				1
Changing Room Lockers System	30 days	Sun 12/11/17	Mon 11/12/17			1	I I	1		1	· · ·		1				i.
D Signage	40 days	Sun 26/11/17	Thu 4/1/18		l.	1	I I	1		1			1	1			1
Internal Finishing Works	131 days	Tue 28/11/17	Sat 7/4/18			1	I I	1		1	· ·		1				i.
2 Partition Wall and Door Sub-frame Installation	80 days	Tue 28/11/17	Thu 15/2/18	li i	l.	1	i i	I		1	i i		I.				1
(after completion of 3/F)					1	1				1	1   		1				
Window and Louver	80 days	Sun 31/12/17	Tue 20/3/18		l.	1	ļ i	i		1	, i		L	1	i l		i.
Internal Waterproofing works	70 days	Wed 27/12/17	Tue 6/3/18		l I	1		1		1			1				1
Plastering, Tiling & Laying Floor Screed	70 days	Sun 31/12/17	Sat 10/3/18		I	I	. I				I I		1	i l			i
5 Carpentry & Joinery/ Ironmongery and Door Installation	60 days	Sun 14/1/18	Wed 14/3/18		l I	1		1		1			1				1
	28 days	Sun DE/D/10	Cat 21/2/10		i I	1	i I			1	· · ·		i L				i.
7 Carpentry & Joinery/ Ironmongery and Door Installation (Rooms with curtain wall will	28 days	Sun 25/2/18	Sat 24/3/18	1		1	1	1		1	1		I.	<u> </u>			1
commence after glass panel installation, mainly						1	I I	1		1	1		1				i.
<sup>3</sup> Metal Works (Roller Shutter, railing)	70 days	Sun 31/12/17	Sat 10/3/18				I I	1		1			1				
False Ceiling	80 days	Sun 7/1/18	Tue 27/3/18														1
P Flooring Finishes	60 days	Sun 28/1/18	Wed 28/3/18	li i	i.	i.	i i	i		i.	i i		i.	i i	- i - i		i.
L Painting	70 days	Sun 28/1/18	Sat 7/4/18		1	1		1		1	1						-
<sup>2</sup> Internal painting	70 days	Sun 28/1/18	Sat 7/4/18	li i	I	i.	i i	i		i.	i i		i.	i i	i		i.
3 G/F	28 days	Sun 28/1/18	Sat 24/2/18		1	1		1		1			1				
4 UG/F	21 days	Sat 10/2/18	Fri 2/3/18		1	1	· · ·	' 		1	i i		1				i -
5 1/F	21 days	Fri 16/2/18	Thu 8/3/18		1	1		1		1	1		1	1			1
5 2/F	21 days	Thu 22/2/18	Wed 14/3/18		1	1	I I	1		1	1		1				i -
7 3/F 3 4/F	21 days	Wed 28/2/18	Tue 20/3/18			I.	I I	1		1			I.	1			1
	21 days	Tue 6/3/18	Mon 26/3/18														
101	21 days	Mon 12/3/18	Sun 1/4/18		I	i.	i i	i		i.	i		i.	i i	i		i.
UR/F     External Wall Preparation Works for Curtain Wall	21 days	Sun 18/3/18	Sat 7/4/18		1	1		1		1							
Installation CW1, CW2	13 days	Wed 31/1/18	Mon 12/2/18		1	1	· · ·			1	I I		1	i l	i i		i.
<ul> <li>External Wall Preparation Works for Curtain Wall</li> </ul>	9 days	Tue 13/2/18	Wed 21/2/18			1		1		1			1				1
Installation CW3, CW4, CW5, CW6	7 ddys	100 10/2/10	1100 2 112/10		1	1	· · ·			1	I I		1	i l			i.
<sup>3</sup> External Wall Plastering and Tiling Works	21 days	Tue 13/2/18	Mon 5/3/18			1		1		1			1				1
4 External painting	21 days	Tue 6/3/18	Mon 26/3/18		1	1	· · ·			1	· · ·		1	i			i.
5 Roofing works	56 days	Tue 13/2/18	Mon 9/4/18			1		1		1			1	1			1
5 Waterproofing Application	28 days	Tue 13/2/18	Mon 12/3/18		1	1	I I	1		1	· · ·		1				1
Waterproofing Testing	14 days	Tue 13/3/18	Mon 26/3/18		l.	1	I I	1		1	1		1	1			1
Roof tiling	14 days	Tue 27/3/18	Mon 9/4/18			1	I I	1		1	I I		1				1
Sanitary fittings installation	138 days	Mon 10/7/17	Fri 24/11/17		l	1	i i	i		1	į i		1				10/
Drawing Submisssion and Approval (details refer	100 days	Mon 10/7/17	Tue 17/10/17		1	1				1	1   		1				1 10/
to submission schedule)	11 days	Sat 14/10/17	Fri 27/10/17	i i	I.	I	I I	1		1	i i		Í.	i	i l		i
2 2/F ~ 1/F	14 days 21 days	Sat 14/10/17 Sat 28/10/17	Fri 27/10/17 Fri 17/11/17		1	1		1		1			1				1
- 2/r ~ 4/r 3 R/F ~ UR/F	7 days	Sat 18/11/17	Fri 24/11/17		I	I	. I				I I		i.	i l			i
<sup>4</sup> Submission of Aluminium window/ louvre &	187 days	Sat 30/9/17	Wed 4/4/18		1	1		1		1			1				1
Curtain Wall		24.00//11		li l	l.		. I			1	I I		1	i			i.
Submission	71 days	Sat 30/9/17	Sat 9/12/17			1		1		1			1				1
5 CW1~CW6 Shop Drg. & Calculation	1 day	Sat 30/9/17	Sat 30/9/17		l.	1	- I			1	, I		i.				i.
(re-submission)					1	1		1		1			1				1
7 Review & Approval by P&T	16 days	Sun 1/10/17	Mon 16/10/17		l.	1	- I			1	, I		i I				i.
Visual Mock-up Drg. (CW3)	1 day	Thu 19/10/17	Thu 19/10/17		l.	1	i i	i		1	i i		I.	<u> </u>			1
Control Mock-up Drg. (CW3) Review & Approval by P&T	1 day	Thu 19/10/17	Thu 19/10/17		1	1	 	1		1	1   		1				1
iterien a rippiotarby i ai	30 days	Fri 20/10/17	Sat 18/11/17		l	1	I I	1		1	i i		1	1	i l		i.
Fonormanoo Fost Brgi (off fy and Fost Frepose	1 day	Fri 27/10/17	Fri 27/10/17		1	1	 			1			1	-			1
iteriori a repiorar by i ai	30 days	Sat 28/10/17	Sun 26/11/17		I	I	. I	1		I	 I		i.	i l			i
Cluss Sumple	1 day	Fri 17/11/17 Fri 24/11/17	Fri 17/11/17		l L	1		1		1	1		1				1
Window Hardware     Glass & Hardware Review & Approval by P&T	1 day 14 days	Fri 24/11/17 Sat 18/11/17	Fri 24/11/17 Fri 1/12/17		i I	1	- I	l I		1	· · · · · · · · · · · · · · · · · · ·		i I				i.
Glass & Hardware Review & Approval by P&1     PVDF Color Guide	7 days	Sat 18/11/17 Sun 19/11/17	Sat 25/11/17		1	1				1	l i		I.				1
7 Review & Color Selected by P&T	14 days	Sun 19/11/17 Sun 26/11/17	Sat 25/11/17 Sat 9/12/17		1	1	I I	1		1	1   		I.				1
<sup>3</sup> Visual Mock-up (Off Site)	73 days	Tue 17/10/17	Thu 28/12/17		l	1	i i	i		1	į i		1	1			i.
Ordering, Die Making & Extrusion of Aluminium	33 days	Tue 17/10/17	Sat 18/11/17		1	1		1		1			1				1
material	55 days		53(10/11/17	li l	I	i.	. I	1		1	I		i.	i			i.
PVDF coating	3 days	Sun 19/11/17	Tue 21/11/17		1	1		1		1			1				1
Ordering and Fabrication of GMS bracket/frame	14 days	Wed 22/11/17	Tue 5/12/17	li i	1	1	, I	1		1	I I		1	i l			i.
2 Fabrication of Aluminium Frames	14 days	Wed 22/11/17	Tue 5/12/17	l		1	I <u>I</u>	1		1			I	1	1		1

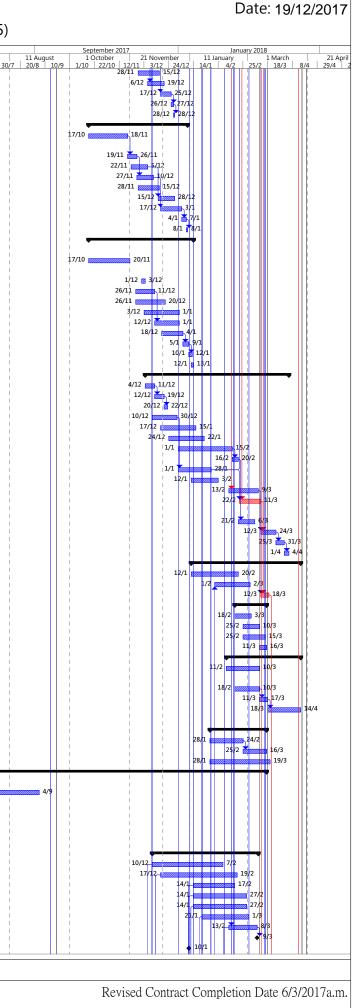
7-13 Feb 2016 and 27 Jan- 2 Feb 2017 and 16 Feb - 19 Feb 2018 Chinese New Year site close



Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum-vehicle Depot at Yen Ming Road (SSD505)

Booker 1000		ame	Duration	Start	Finish	ptember 2015 21 October	11 December	January 2016	21 March	May 2	2016 1 July	21 August	September 2016	1 December	January 2 21 January	11 March		1 May	May 2017
		Slass Production	18 days	Tue 28/11/17	Fri 15/12/17		11   20/12   10/1	31/1 21/2	13/3   3/4   24/4	15/5 5/6 2	20/6   1//7   7/	8   28/8   18/9	9/10   30/10   20/	11   11/12   1/1	22/1   12/2	5/3 26/3	16/4 7/	<u>5 28/5</u>	18/6
Bit Start Mail         200         National         200         200         200         200         200         200 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>l.</td> <td>1</td> <td></td> <td></td> <td>i</td> <td>l</td> <td></td> <td>l</td> <td>i i</td> <td>i</td> <td></td> <td>i</td>								l.	1			i	l		l	i i	i		i
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Reduct Sciences         No.000         No.0000         No.0000         No.0000           Reduct Sciences         No.0000	10 P	VDF coating	8 days	Sun 19/11/17	Sun 26/11/17			1	1			1	l.			1	1		1
Description         Biology (2011)         Filling (2011)         Filling (2011)           Description (2011)         Biology (2011)         Filling (2011)         Filling (2011)           Biology (2011)         Filling (2011)         Filling (2011)         Filling (2011)           Filling (2011)         Filling (2011)         Filling (2011)         Filling (2011)<								1					1		1				
Letter in the super statue         1066         1179-27         2.0200           In the statue in the super in		abrication of Aluminium Frames	14 days	Mon 27/11/17	Sun 10/12/17	i i	1	i.	i.	i i		i	i		i	i -	i		i.
Note: of advance from:       Bioly       Solition		Blass Production	18 days	Tue 28/11/17	Fri 15/12/17			1	1				1		1				
Converting State       2 - Sym       No.201       No.201         Converting State       2 - Symmetry State       2 - Symmetry State       No.201         Converting State       2 - Symmetry State       2 - Symmetry State       No.201         Converting State       2 - Symmetry State       2 - Symmetry State       No.201         Converting State       2 - Symmetry State       2 - Symmetry State       No.201         Converting State       2 - Symmetry State       2 - Symmetry State       No.201         Converting State       2 - Symmetry State       2 - Symmetry State       2 - Symmetry State         Converting State       2 - Symmetry State       2 - Symmetry State       2 - Symmetry State         Converting State       2 - Symmetry State       2 - Symmetry State       2 - Symmetry State         Converting State		rection of Temproary Steel frame	14 days	Fri 15/12/17	Thu 28/12/17			1	1				1		1				
Network         Cont         Notice         Notice           Science         Science         Science         Science           Scien		rection of Aluminium Frames		Sun 17/12/17				1	1				1		1				1
Noteward         Bit May         Bit May         Bit May         Set Man           And and the state of contra- tion of the state of contra- tion of the state of contra- tion of the state of contra- state of the state of contra- tion of the state of the state of contra- state of the st		Glazing Works	4 days	Thu 4/1/18	Sun 7/1/18			1	1				1		1				
Under 10       Description       Description <thdescription< th=""></thdescription<>						-		i	i.	i i		i	Ì		i.	i -	i i		i.
Unternational production of the second of the sec			89 days	Tue 17/10/17	Sat 13/1/18			1				1	1		1	1			
interim         Total         Total         Total           Prior         Status         Status         Status			35 days	Tuo 17/10/17	Mon 20/11/17			1				1	l.		1	1			1
1         PDF role         Bask	0		35 uays	10017	101011 20/11/17			1	1			1	I.		I	1			
Other application of CR incomptone         South INT         As 1117           Description         South INT         As 1117           Description         South INT         As 1117           Description         South INT         Mark 1000           Present Mark 1000         Mark 1000         Mark 1000           Description         South INT         South INT           Description         South INT         South INT           Description         South INT         South INT           Description         South INT         South			3 davs	Fri 1/12/17	Sun 3/12/17			1	1			1	1		1				1
Instruction American Amer									1			1	1		1				
Interfruit         Book							l	I	L	l I		1	I		L	1	1		1
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Group Note:         6.660         HECOND         HEC	<sup>325</sup> Ei			Mon 18/12/17	Thu 4/1/18			1	1			1	l I		I.				1
Noming         Opening         Opening <th< td=""><td><sup>326</sup> G</td><td>Slazing Works</td><td></td><td>Fri 5/1/18</td><td>Tue 9/1/18</td><td>8</td><td>1</td><td></td><td>i I</td><td></td><td></td><td>i i</td><td></td><td></td><td>1</td><td>1</td><td></td><td></td><td>í.</td></th<>	<sup>326</sup> G	Slazing Works		Fri 5/1/18	Tue 9/1/18	8	1		i I			i i			1	1			í.
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Processon         4.dwp         Sun 14/18         Wed 44/18           Record of calculation         0.dwp         F1 12/18         To 2014           Record of calculation         0.dwp         Sun 12/18         Sun 12/18           Record of calculation         0.dwp         Sun 12/18         Sun 12/18           Record of calculation         0.dwp         Sun 12/18         Sun 12/18           Soft Landscapin         Sun 12/18         Sun 12/18         Sun 12/18           Soft Landscapin         Sun	343 G	Slazing works	13 days	Mon 12/3/18	Sat 24/3/18			1	I.			1	l.		l.	1	1		1
Determinal Landscaping avois         93 days         FII 12/118         Sul 42/11           Recycled Product Installation         40 days         FII 12/118         Sul 42/11           Recycled Product Installation         40 days         FII 12/118         Sul 42/11           Recycled Product Installation         40 days         FII 12/118         Sul 42/11           Recycled Product Installation         40 days         Sul 22/118         Sul 22/118           Recycled Product Installation         40 days         Sul 22/118         Sul 22/118           Recycled Product Installation         40 days         Sul 22/118         Sul 22/118           Recycled Product Installation         40 days         Sul 22/118         Sul 22/118           Recycled Product Installation         40 days         Sul 22/118         Sul 22/118           Recycled Product Installation         40 days         Sul 22/118         Sul 22/118           Recycled Product Installation         50 days         Sul 22/118         Sul 22/118           Sul conclusion of Farce wall         22 days         Sul 22/118         Sul 22/118           Subscience Farce Wall         22 days         Sul 22/118         Sul 22/118           Subscience Farce Wall         22 days         Sul 22/118         Sul 22/118	<sup>344</sup> Fi	ield watertighness test		Sun 25/3/18	Sat 31/3/18			1	1				1		1				
Rescalar Products Intradiction         40 days         F1 20/16         F1 20/16           Readx and parks         30 days         F1 20/16         F1 20/16           Readx and parks         7 days         Monta Table         F1 20/16           Readx and parks         7 days         Monta Table         Sen 1993           Renord of socialization         7 days         Sen 1993         Sen 1993           Renord         14 days         Sen 1993         Sen 1993           Renord         6 days         Sen 10/17         Sen 1993           Soft Landscapha         6 days         Sen 10/17         Sen 10/17           Soft Landscapha         2 days         Sen 10/17	<sup>345</sup> Pi	rotection	4 days	Sun 1/4/18	Wed 4/4/18	1		i.	i.	i i		i -	i.		i	i -	i		i.
Ref         38 days         The 10718         FF 12078           Removal in Scientificity         7 days         Son 180718         FF 12078           Herd Landscipin         27 days         Son 180718         FF 140787           Model partie         14 days         Son 180718         Son 180718           Soft Landscapping         48 days         Son 110278         Son 110278           Soft Landscapping         7 days         Son 110278         Son 110278           Pageation voids         7 days         Son 110278         Son 140787           Soft Landscapping         7 days         Son 110278         Son 140787           Pageation voids         48 days         Son 20178         Sol 140787           Soft Landscapping         28 days         Son 12078         Sol 140787           Soft Landscapping         28 days         Son 12078         Sol 140787           Soft Landscapping         10 don days         Sol 24078         Sol 24078           Soft Landscapping         10 don day	<sup>346</sup> Extern	nal and Landscaping works	93 days	Fri 12/1/18	Sat 14/4/18			1	1				1		1				
Removal of system         7 days         Mon 12/318         Sub 19/318           Head Landscapping         7 days         Sub 19/318         Sub 19/318         Sub 19/318           R. C. Planter         14 days         Sub 19/318         Sub 19/318         Sub 19/318           R. C. Planter         14 days         Sub 19/318         Sub 19/318         Sub 19/318           R. C. Planter         14 days         Sub 19/318         Sub 19/318         Sub 19/318           Borthers         -         -         -         -           Soft Landscaptor         -         -         -         -           Programm owells         Sub 11/378         Sub 11/378         Sub 11/378         Sub 11/378           Soft Landscaptor         -         -         -         -         -           Soft Landscaptor         -         -         -         -         -           Soft Landscaptor         -         -         -         -         -         -           Soft Landscaptor         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         <								i	i i	, , , , , , , , , , , , , , , , , , ,		i i	i		I	i l	i		i -
21       Hort Ladiscoping       22 days       Son 119271       Fn 1192718         R.C. Plator       14 days       Son 129271       Son 239271       Son 129271         Modeb plator       14 days       Son 239271       Son 129271       Son 239271         Modeb plator       14 days       Son 239271       Son 1193718         Bonchos       6 days       Son 119271       Son 1193718         Bonchos       6 days       Son 1192718       Son 1193718         Sont Ladiscoping       Market Sumsson/       28 days       Son 1192718         Sont Ladiscoping       Perpansion works for data       28 days       Son 1192718         Sont Ladiscoping       Son 1192718       Son 1192718       Son 1192718         Sont Ladiscoping       Son 1192718       Son 1192718       Son 1192718         Sont Ladiscoping       Son 1192718       Son 1192718       Son 1192718         Sont Ladiscoping       Son 240718       Son 240718       Son 240718         Sont Ladiscoping       Son 240718       Son 240718       Son 240718         Construction of frace and       28 days       Son 240717       Fn 103718         Punching Senscie Cele as do datall programme       Son 240717       Fn 103718         Buiddrive or Kinstein Astr								1	1				1		1	1			
IP C. Planet         14 days         Son 132/38         San 2018           Moxie planet         14 days         San 2018         San 2018           Moxie planet         14 days         San 2018         San 2018           Telliss         19 days         San 2018         San 2018           Telliss         19 days         San 2018         Fil 10218           Benches         6 days         San 11/218         San 14/218           Soft Landscaping         43 days         San 11/218         San 10/218           Soft Landscaping         Find 2018         San 10/218         San 10/218           Soft Landscaping         Find 2018         San 20/218         San 10/218           Soft Landscaping         Find 2018         San 20/218         San 20/218           Soft Landscaping         Find 2018         San 20/218         San 20/218           Soft Landscaping         Mon 108/6         Fin 16/2018         San 20/218           Planding San Approxid         170 days		3						i i	1			1	1		1				i i
2         Movide planer         14 days         Sin 10038           1         Totiliss         19 days         Sin 20208         Tituliss           3         Soft Landscaping         6 days         Sin 110378         Fin 140378           4         Benches         6 days         Sin 110378         Fin 140378           5         Soft Landscaping         6 days         Sin 110278         Sin 100378           7         Soft Landscaping         6 days         Sin 110278         Sin 100378           7         Soft Landscaping         6 days         Sin 110278         Sin 100378           7         Soft Landscaping         Fin 30378         Sin 100378         Sin 100378           7         Sin 200378         Sin 100378         Sin 100378         Sin 100378           7         Sin 200378         Sin 100378         Sin 100378         Sin 100378           1         Totinoting radio         2 days         Sin 200378         Sin 20038           1         Installion of nettag also         20 days         Sin 20038         Sin 20038           1         Installion of nettag also         20 days         Sin 200378         Sin 20038           1         Buildicrs works for dental galsos         20 days <td>Titare</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>1</td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td>	Titare							1	1				1		1				
1         Totales         19.9 drag         Sin 252/18         The 152/18           Benches         6.6 drag         Sin 113/18         Fil 102/18         Sai 103/18           Soft Landscaping         6.6 drag         Sai 113/18         Sai 103/18         Fil 102/18           Peparation works         5.01 Landscaping - Matrid Statisticinol         28 drag         Sai 113/18         Sai 103/18           Soft Landscaping - Pentry onks (Pkic         28 drag         Sai 113/18         Sai 103/18         Sai 103/18           Soft Landscaping - Pentry onks (Pkic         28 drag         Sai 113/18         Sai 113/18         Sai 113/18         Sai 113/18           Soft Landscaping - Pentry onks (Pkic         28 drag         Sai 113/18         Sai 113/18         Sai 113/18           Soft Landscaping - Pentry onks (Pkic         28 drag         Sai 113/18         Sai 113/18         Sai 113/18           Soft Landscaping - Pentry onks (Pkic         28 drag         Sai 252/18         Mil 10/18         Mil 10/18           Soft Landscaping - Pentry onks (Pkic         28 drag         Sai 252/18         Mil 10/18         Min 10/16           Soft Landscaping - Pentry onks (Pkic         51 drag         Sai 252/18         Min 10/18         Min 10/18           Soft Landscaping - Pentry onks (Pkic         51 drag								1	1				l		1				1
Benchis         6 days         Sun 11/2/38         Fri 16/2/18           Soft Landszaping         66 days         Sun 11/2/38         Fri 16/2/18           Soft Landszaping         74 days         Sun 11/2/38         Sun 14/4/38           Soft Landszaping         Fri 16/2/18         Sun 10/2/18         Sun 14/4/48           Poparation vortis         24 days         Sun 12/2/18         Sun 10/2/18           Soft Landszaping         Fri 16/2/18         Sun 10/2/18         Sun 12/2/18           Soft Landszaping         Fri 16/2/18         Sun 12/2/18         Sun 12/2/18           Soft Landszaping         Fri 16/2/18         Sun 12/2/18         Sun 12/2/18           Construction forne wall         26 days         Sun 22/2/18         Sun 12/2/18           Construction forne wall         26 days         Sun 22/2/18         Fri 16/2/18           Desting Services (See also detail programme         592 days         Mon 18/16         Mon 24/17           Builders works strabial/on         170 days         Sun 0/12/17         Fri 16/2/18           Or Pumbing Strahladion         90 days         Sun 0/12/17         Fri 16/2/18           Di same Strahladion         90 days         Sun 0/12/17         Fri 16/2/18           Of Pumbing Installation         6 days	141							1	I.			1	1		l.	1	1		1
Soft Landscaping         63 days         Sun 11/2/18         Saft Landscaping         Hard 18 Jamission         28 days         Saft Landscaping         Hard 18 Jamission         28 days         Saft Landscaping         Hard 18 Jamission         18 days         Saft 18 days         <								1	1				1		1				1
2         Soft Landscaptor - Meterial Submission / 28 days         Sun 11/218         Saft 10/218           7         Soft Landscaptor - Filling of sol         21 days         Sun 18/218         Saft 10/218           7         Soft Landscaptor - Filling of sol         21 days         Sun 18/218         Saft 10/218           8         Soft Landscaptor - Filling oversiting oversit oversiting oversiting oversite overs								1	1			1	l.		l.	1			1
Preparation works       Autors       Au	0011						1	1	1			1	I.		1				1
2       Soft Landscaping - Filing of soil       21 days       Soft Landscaping - Piling overs (Pils       28 days       Soft Landscaping - Piling overs       Soft Landscap			20 uays	Jun 1//2/10	Jac 10/3/10	1	l.	Î.	i.			i.	l.		l.	i -	i l		í.
2       Soft Landscaping - Plinit Delivery       7 days       Soft Landscaping - Plinit Delivery       28 days       Soft Delivery <td< td=""><td></td><td></td><td>21 davs</td><td>Sun 18/2/18</td><td>Sat 10/3/18</td><td></td><td>1</td><td>1</td><td>1</td><td></td><td></td><td>1</td><td>1</td><td></td><td>1</td><td></td><td></td><td></td><td>1</td></td<>			21 davs	Sun 18/2/18	Sat 10/3/18		1	1	1			1	1		1				1
2       Sult andscaping: Planning works (Plus)       28 days       Sun 183/18       Sai 144/18         12       Toronts Stabilisment Previdy       40 days       Sun 281/18       Frii 163/18         2       Occessful condition of free and divisions       48 days       Sun 281/18       Frii 163/18         2       Construction free and divisions for detral asive:       20 days       Sun 281/18       Frii 163/18         2       Builder works (Petata)       593 days       Mon 187/16       Mon 197/18         4       Plumbing Services (see also detail programme for solutions)       593 days       Mon 187/16       Mon 197/17         6       Friendell       170 days       Sun 0117/16       Mon 244/17       Vector solutions of prom WWO 046 (Part 6 days       Fri 173/17       Wed 223/17         3       Gif to RIF Plumbing installation       90 days       Sun 117/16       Mon 192/18       Vector solution       Solutions work of the solution of from WWO 046 (Part 6 days       Sun 117/17       Fri 173/17       Wed 223/17       Vector solution       Solution of the solution of from WWO 046 (Part 6 days       Sun 117/18       Vector solution of from WWO 046 (Part 6 days       Sun 117/17       Fri 173/17       Wed 223/17       Vector solution of from WWO 046 (Part 6 days       Sun 117/18       Vector solution of the days       Sun 117/18       Vector solution	358 Si							I	1			i				i l			Í
12.months Establishment Percog)	359 Si	oft Landscaping - Planting works (Plus					1	1	1			1	l I		l.	1			1
1         Construction of ence wall         28 days         Sur 28/1/18         Sit 24/0/18           2         Installation of metal gates         20 days         Sun 25/18         Fri 16/0/18           3         Builde's vorks for external services         51 days         Sun 28/178         Mon 19/0/18           4         Monting Services (see also detail programme for Plumbing made)         593 days         Mon 19/0/18         Fri 16/0/18           5         Plumping Abuilde's vorks for external services         51 days         Sun 28/178         Mon 19/0/18           6         Plumbing Services (see also detail programme for slumbission Approval details refer         400 days         Mon 19/0/1           6         Submission Approval details refer         400 days         Sun 0/11/16         Mon 24/0/17           7         Stomission Approval details refer         6 days         Fri 19/0/18         Sun 0/21/17           7         Stomission Approval details refer         50 days         Sun 0/21/17         Fri 9/0/18           8         Gr Plumbing Installation         60 days         Sun 10/21/17         Fri 9/0/18           9         Gr Plumbing Installation         60 days         Sun 10/21/17         Fri 9/0/18           1         1/F         Fri 19/0/18         Sun 10/21/17         Fr						li		I	1			i				i l			Í
2       Installation of metal gates       20 days       Sun 250/18       Fri 16/3/18         3       Bulder's works for external services       51 days       Sun 28/1/18       Mon 19/3/18         9       Pulmbing tradely       593 days       Mon 11/3/18       Mon 19/3/18         for Pulmbing tradely       593 days       Mon 11/3/18       Image: Sun 28/1/18       Mon 19/3/18         0       Draving Sunsison and Approval (details refer to submission schedule)       100 days       Sun 6/11/16       Mon 19/3/18         6       Equipment K Material submission schedule)       170 days       Sun 6/11/16       Mon 24/4/17         18       Image: Sun 3/2/17       Fri 17/3/17       Wed 22/3/17       Fi 17/3/17         18       Image: Sun 3/2/17       Fri 9/3/18       Image: Sun 10/12/17       Wed 22/3/17         3       GF to R/F Pumbing Installation       60 days       Sun 10/12/17       Wed 22/3/17         11/F       Equipment M 1/18       Tue 27/2/18       Image: Sun 11/1/18       Image: Sun 11/1/18         11/F       If Pumbing Installation       60 days       Sun 11/1/18       Tue 27/2/18       Image: Sun 11/1/18         11/F       Pulling Installation       40 days       Sun 11/1/18       Tue 27/2/18       Image: Sun 11/1/18       Image: Sun 11/11/18 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>1</td> <td>1</td> <td></td> <td></td> <td>1</td> <td>1</td> <td></td> <td>1</td> <td>1</td> <td></td> <td></td> <td>1</td>							1	1	1			1	1		1	1			1
3       Builder's works for external services       51 days       Sun 29/1/18       Mon 19/3/18         4       Plumbing Services (see also detail programme for Plumbing trade)       592 days       Mon 18/16       Fri 16/3/18         5       Drawing Submission and Approval to submission schedule)       170 days       Sun 6/11/16       Mon 22/4/17         6       Equipment & Material submission Approval (details refer to submission schedule)       170 days       Sun 10/12/17       Fri 19/3/18         6       Gr FU RMING Installation       60 days       Sun 10/12/17       Fri 19/3/18         1       GF to RF Plumbing Installation       60 days       Sun 10/12/17         2       U/G Plumbing Installation       60 days       Sun 10/12/17         1       1/F Plumbing Installation       60 days       Sun 10/12/17         2       U/G Plumbing Installation       60 days       Sun 11/1/18         3       FP Umbing Installation       60 days       Sun 11/1/18         2       U/G Plumbing Installation       45 days       Sun 11/18         3       JF Pumbing Installation       40 days       Sun 11/18         3       JF Pumbing Installation       40 days       Sun 11/18         3       JF Pumbing Installation       40 days       Sun 11/18							1	1	1			1	1		1				l.
Plumbing Services (see also detail programme for Plumbing trade)               93 days Mon 1/8/16 Fri 16/3/18 Torwing Submission adproval (details refer to submission Approval (details refer to submission schedule)              400 days Equipment & Material submission schedule) for a WE plumbing Installation 40 days Sun 0/17/7 Fri 17/3/7 Wed 22/3/17 K II) GF to KF Plumbing Installation 40 days Sun 10/12/17 K II) GF for bar plumbing installation 40 days Sun 10/12/17 Wed 22/3/17 K II) GF for bar plumbing installation 60 days Sun 10/12/17 Wed 22/3/17 GF for bar plumbing installation 60 days Sun 10/12/17 Wed 22/3/17 UG Plumbing installation 60 days Sun 10/12/17 Wed 22/3/17 UG Plumbing installation 40 days Sun 10/12/17 Wed 7/2/18 2// Plumbing installation 45 days Sun 11/1/18 Tue 27/2/18 3/F Plumbing installation 40 days Sun 21/1/18 K/F Plumbing installation 40 days								I.	1	i i		1	I.		I.	1			1
for Plumbing trade)       Image: control of the plumbing trade of the							1	I.	1			I	I		I				
b         Drawing Submission and Approval (details refer to submission schedule)         400 days         Mon 1/8/16         Mon 4/9/17           c         Equipment & Material submission Approval (details refer to submission schedule)         170 days         Sun 6/11/16         Mon 24/4/17           7         Submission / Application of Form WWO 046 (Part 18 II)         6/11         17/3         22/3           8         GF to R/F Plumbing Installation         90 days         Sun 10/12/17         Fri 9/3/18           9         GF F to R/F Plumbing Installation         60 days         Sun 10/12/17         Fri 9/3/18           9         GF Plumbing Installation         60 days         Sun 10/12/17         Wed 22/3/17           18 II)         17/3         22/3         I         I           9         GF Plumbing Installation         60 days         Sun 10/12/17         Wed 22/3/17           19         UG Plumbing Installation         65 days         Sun 10/12/17         Wed 12/2/18           10         UG Plumbing Installation         45 days         Sun 14/1/18         Tue 27/2/18           20         2/F Plumbing Installation         45 days         Sun 14/1/18         Tue 27/2/18           30         3/F Plumbing Installation         40 days         Sun 14/1/18         Tue 27/2/18 <td></td> <td></td> <td>543 days</td> <td>ivion 1/8/16</td> <td>FTI 16/3/18</td> <td></td> <td></td> <td>I.</td> <td>I.</td> <td>i i</td> <td>*</td> <td>1</td> <td>I</td> <td></td> <td>I</td> <td>1</td> <td></td> <td></td> <td></td>			543 days	ivion 1/8/16	FTI 16/3/18			I.	I.	i i	*	1	I		I	1			
b submission schedules       100 dbys       Mon 10/10       Mon 10/10       Mon 10/10         b submission schedules       17/0 dbys       Sub 6/11/16       Mon 24/4/17         c details refor to submission schedules       6       days       Fri 17/3/17       Wed 22/3/17         z       Submission / Application of Form WWO 046 (Part 1       6 days       Submission / Application of Form WWO 046 (Part 1       6 days       Submission / Application of So days       Sun 10/12/17       Fri 9/3/18         2       G/F to R/F Plumbing Installation       60 days       Sun 10/12/17       Wed 70/18       Submission / Application of So days       Sun 10/12/17       Mon 70/18         2       G/F to R/F Plumbing Installation       65 days       Sun 14/1/18       Sut 17/2/18       Submission of Application of So days       Sun 14/1/18       Tue 27/2/18         2       2/F Plumbing Installation       45 days       Sun 14/1/18       Tue 27/2/18       Tue 13/2/18       Tue 13/2/18<			100 days	Mon 1/0/14	Mon 4/0/17			1	1		1/8	1	1		I	1			1
5       Equipment & Material submission Approval (details refer to submission schedule)       170 days       Sun 6/11/16       Mon 24/4/17         7       Getails refer to submission schedule)       6 days       Fri 17/3/17       Wed 22/3/17       Fi         8       G/F to R/F Plumbing Installation       90 days       Sun 10/12/17       Fri 9/3/18       Fi         9       G/F Plumbing Installation       60 days       Sun 10/12/17       Wed 22/3/17       Fi         10       UG Plumbing Installation       60 days       Sun 10/12/17       Wed 72/18       Fi         0       UG Plumbing Installation       65 days       Sun 14/1/18       Tue 27/2/18       Fi         11/F Plumbing Installation       45 days       Sun 14/1/18       Tue 27/2/18       Fi       Fi         2       2/F Plumbing Installation       45 days       Sun 14/1/18       Tue 27/2/18       Fi         3       3/F Plumbing Installation       45 days       Sun 14/1/18       Tue 27/2/18       Fi         5       Submission of Form WWO 046 (Part IV)       1 day       Fri 9/3/18       Fi       Fi         6       R/F Plumbing Installation       45 days       Sun 14/1/18       Tue 27/2/18       Fi         5       Submission of Form WWO 046 (Part IV) <td< td=""><td>Dia</td><td></td><td>400 udys</td><td>1/0/10</td><td>101011 4/9/17</td><td>li</td><td>I</td><td>i</td><td>I</td><td>. I</td><td>-' T</td><td>1</td><td>1</td><td></td><td>1</td><td>1</td><td>1</td><td></td><td>1</td></td<>	Dia		400 udys	1/0/10	101011 4/9/17	li	I	i	I	. I	-' T	1	1		1	1	1		1
Experience         Experience         Fin 17/3/17         Wed 22/3/17           3         G/F to R/F Plumbing Installation         90 days         Sun 10/12/17         Fri 9/3/18           4         G/F Plumbing Installation         65 days         Sun 17/12/18         Ved 7/2/18           2         2/F Plumbing Installation         45 days         Sun 17/12/18         Ved 7/2/18           3         3/F Plumbing Installation         45 days         Sun 14/1/18         Tue 27/2/18           4         4/F Plumbing Installation         45 days         Sun 14/1/18         Tue 27/2/18           5         R/F Plumbing Installation         24 days         Tue 27/2/18         Ved 10/1/18           5         R/F Plumbing Installation         24 days         Tue 27/2/18         Ved 10/1/18           6         Fin 4/3/18         Tue 27/2/18         Ved 10/1/18         Ved 10/1/18           6         Fin 4/3/18         Tue 27/2/18         Ved 10/1/18         Ved 10/1/18           6         A/F Plumbing Installation         45 days         Sun 14/1/18         Tue 27/2/18           6         R/F Plumbing Installation         24 days         Tue 27/2/18         Ved 10/1/18           7         Handover of All Water Tank & Pung Rooms at UC         1 day			170 davs	Sun 6/11/16	Mon 24/4/17			1	1			1	6/11		1		24/4		1
7       Submission / Application of Form WWO 046 (Part I & II)       6 days       Fri 17/3/17       Wed 22/3/17         8       G/F to R/F Plumbing Installation       90 days       Sun 10/12/17       Fri 9/3/18         9       G/F Plumbing Installation       60 days       Sun 10/12/17       Wed 7/2/18         0       UG Plumbing Installation       65 days       Sun 11/1/18       Stat 17/2/18         1       1/F Plumbing Installation       35 days       Sun 14/1/18       Stat 17/2/18         2       2/F Plumbing Installation       45 days       Sun 14/1/18       Tue 27/2/18         3       3/F Plumbing Installation       45 days       Sun 14/1/18       Tue 27/2/18         4       4/F Plumbing Installation       24 days       Tue 13/2/18       Tue 13/2/18         5       Submission of Form WWO 046 (Part IV)       1 day       Fri 9/3/18       Fri 9/3/18         5       Submission of Form WWO 046 (Part IV)       1 day       Wed 10/1/18       Handover of All Water Tank & Pump Rooms at UC       1 day         8       SUB0005- Master Construction       Tue       Supramor       Supramor	Lqu			Sun or in the		li		I	i I			i	i			i			í
I & II)       I & II)       I & III)       I & III       I & IIII       I & IIIII       I & IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII			6 davs	Fri 17/3/17	Wed 22/3/17		1	1	1			1	1		17	/3 22/3			1
8       G/F to R/F Plumbing Installation       90 days       Sun 10/12/17       Fri 9/3/18         9       G/F Plumbing Installation       60 days       Sun 10/12/17       Wed 7/2/18         0       UG Plumbing Installation       65 days       Sun 10/12/17       Mod 7/2/18         1       1/F Plumbing Installation       35 days       Sun 14/1/18       Tue 27/2/18         2       2/F Plumbing Installation       45 days       Sun 14/1/18       Tue 27/2/18         3       3/F Plumbing Installation       45 days       Sun 14/1/18       Tue 27/2/18         4       4/F Plumbing Installation       24 days       Tue 13/2/18       Thue 1/3/18         5       Submission of Form WWO 046 (Part IV)       1 day       Fri 9/3/18       Fri 9/3/18         7       Handover of All Water Tank & Pump Rooms at UC       1 day       Wed 10/1/18       Wed 10/1/18	1&1							1	1			1			1	1			i I
2       G/F Plumbing Installation       60 days       Sun 10/12/17       Wed 7/2/18         3       UG Plumbing Installation       65 days       Sun 17/12/17       Mon 19/2/18         4       1/F Plumbing Installation       35 days       Sun 14/1/18       Tue 27/2/18         2       2/F Plumbing Installation       45 days       Sun 14/1/18       Tue 27/2/18         3       3/F Plumbing Installation       45 days       Sun 14/1/18       Tue 27/2/18         4       4/F Plumbing Installation       40 days       Sun 21/1/18       Thu 27/2/18         5       Submission of Form WWO 046 (Part IV)       1 day       Fri 9/3/18       Fri 9/3/18         5       Submission of Form WWO 046 (Part IV)       1 day       Wed 10/1/18       Wed 10/1/18	68 G/F		90 days	Sun 10/12/17	Fri 9/3/18	8		1	1	i i		1	!		I.	1			1
0 Or Humbing Installation       05 days       Sun 14/1/18         1 1/F Plumbing Installation       35 days       Sun 14/1/18         2       2/F Plumbing Installation       45 days       Sun 14/1/18         3       3/F Plumbing Installation       45 days       Sun 14/1/18         4       4/F Plumbing Installation       40 days       Sun 21/1/18         5       R/F Plumbing Installation       24 days       Tue 13/2/18         6       Submission of Form WWO 046 (Part IV)       1 day       Fri 9/3/18         7       Handover of All Water Tank & Pump Rooms at UC       1 day       Wed 10/1/18         Vester       Submission       Critical Bath memory at UC       1 day	<sup>69</sup> G	G/F Plumbing Installation		Sun 10/12/17	Wed 7/2/18	8		1	1			1	1		1	1			1
2       2/F Plumbing Installation       45 days       Sun 14/1/18       Tue 27/2/18         3       3/F Plumbing Installation       45 days       Sun 14/1/18       Tue 27/2/18         4       4/F Plumbing Installation       40 days       Sun 12/1/18       Thu 17/3/8         5       R/F Plumbing Installation       24 days       Tue 17/2/18       Thu 1/3/18         5       Submission of Form WWO 046 (Part IV)       1 day       Fri 9/3/18       Fri 9/3/18         7       Handover of All Water Tank & Pump Rooms at UC       1 day       Wed 10/1/18       Wed 10/1/18							I	1	L	I I		L	1		I	L	i l		i.
3       3/F Plumbing Installation       45 days       Sun 14/1/18       Tue 27/2/18         4       4/F Plumbing Installation       40 days       Sun 21/1/18       Thu 1/3/18         5       R/F Plumbing Installation       24 days       Tue 13/2/18       Thu 8/3/18         5       Submission of Form WWO 046 (Part IV)       1 day       Fri 9/3/18       Fri 9/3/18         7       Handower of All Water Tank & Pump Rooms at UC       1 day       Wed 10/1/18								1	1			1			I.	1			1
a dif Plumbing Installation       40 days       Sun 21/1/18         5       R/F Plumbing Installation       24 days       Tue 13/2/18         5       Submission of Form WWO 046 (Part IV)       1 day       Fri 9/3/18         6       Submission of Form WWO 046 (Part IV)       1 day       Fri 9/3/18         7       Handover of All Water Tank & Pump Rooms at UC       1 day       Wed 10/1/18         Wed 10/1/18       Wed 10/1/18       Milectora       Supmany								I	I	. I		i	i l			i I			í
Write Material and Ministry         No. Biology         State 1/2/18         Thu 8/3/18           5         R/F Plumbing Installation         24 days         Tue 13/2/18         Thu 8/3/18           5         Submission of Form WWO 046 (Part IV)         1 day         Fri 9/3/18         Fri 9/3/18           7         Handover of All Water Tank & Pump Rooms at UC         1 day         Wed 10/1/18         Wed 10/1/18								1	1			1			I.	1			1
5       Submission of Form WWO 046 (Part IV)       1 day       Fri 9/3/18       Fri 9/3/18         7       Handover of All Water Tank & Pump Rooms at UC       1 day       Wed 10/1/18       Wed 10/1/18							1	i.	I	. I		i	i l			i.			í
7 Handover of All Water Tank & Pump Rooms at UC 1 day Wed 10/1/18 Wed 10/1/18 Wed 10/1/18 Wed 10/1/18 Urd 10/1/18 Wed 10/18 Wed	14						1	1	1			1	1		l.	1			1
	0.						1	1	1			1	i i		i I	1			i I
ter sSD96- Master Construction Task Critical Path Company Progress — Milestone + Summary		iuovei oi Ali water Tank & Pump Rooms at UG	i uay	weu 10/1/18	wed 10/1/18				·	i					I				

7-13 Feb 2016 and 27 Jan- 2 Feb 2017 and 16 Feb - 19 Feb 2018 Chinese New Year site close



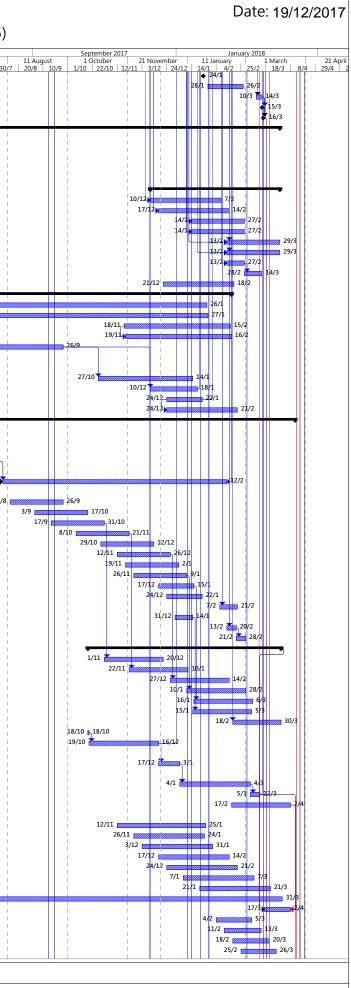
#### China Road and Bridge Corporation

### Master Construction Programme (Rev.12)

Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum-vehicle Depot at Yen Ming Road (SSD505)

10	Tack Norma	Durction	C++	•	htember 2015					<u></u>			-			(222200)
	Task Name	Duration	Start	Finish	ptember 2015 21 October 18/10 8/11 29/1	11 December 11 20/12 10/1	January 2016 1 February 31/1 21/2	21 March 11 May 13/3 3/4 24/4 15/5 5/6	lay 2016   1 July   26/6   17/7   7/8	21 August 28/8 18/9	September 2016 11 October 1 9/10 30/10 20/11	December 11/12 1/1	January 2017 21 January 11 M 22/1 12/2 5/3 26	arch /3 16/4	1 May 7/5 28/5	May 2017 21 June 18/6 9/7 30/7
378 379	Handover of All Water Tank & Pump Rooms at 2/F	1 day	Wed 24/1/18	Wed 24/1/18	8			I I I	1 1				I I I			
79 80	Testing & Commissioning WSD Inspection	30 days 5 days	Sun 28/1/18 Sat 10/3/18	Mon 26/2/18 Wed 14/3/18			1			1						
81	Anticipated Receipt of Form WWO 046 (Part V)	1 day	Thu 15/3/18	Thu 15/3/18			1			1				i i		1
382	Obtain Water Certificate	1 day	Fri 16/3/18	Fri 16/3/18			1		l l	1				i i		
383	Drainage Services (see also detail programme	606 days	Mon 1/8/16	Thu 29/3/18	1		1			1				1		
384	for Drainage trade) Drawing Submission and Approval (details refer	120 days	Mon 1/8/16	Mon 28/11/16			1		1/8	1	28/11			1		
	to submission schedule)	120 ddy5	Mon Norto	100120/11/10	li i		1			1	1			i i		1
385	Equipment & Material submission Approval	120 days	Sun 6/11/16	Sun 5/3/17	41		1			1	6/11		5/3	1		
386	(details refer to submission schedule)	110 dovo	Sup 10/12/17	Thu 29/3/18			1			1				1		
387	Aboveground G/F to UR Drainage Installation G/F Drainage Installation	110 days 60 days	Sun 10/12/17 Sun 10/12/17	Wed 7/2/18			1			1				i.		
388	UG Drainage Installation	60 days	Sun 17/12/17	Wed 14/2/18			1			1	I I			i i		
389	1/F Drainage Installation	45 days	Sun 14/1/18	Tue 27/2/18			1			1				1		
390 391	2/F Drainage Installation	45 days	Sun 14/1/18	Tue 27/2/18			1	i i		i I	i i			i.		
392	3/F Drainage Installation 4/F Drainage Installation	45 days 45 days	Tue 13/2/18 Tue 13/2/18	Thu 29/3/18 Thu 29/3/18			1	I I	l l	i I	I I		 			
393	R/F Drainage Installation	15 days	Tue 13/2/18	Tue 27/2/18			1			1				1		
394	UR Drainage Installation	15 days	Wed 28/2/18	Wed 14/3/18	B		1			1				1		
395 396	Testing & Commissioning	60 days	Thu 21/12/17	Sun 18/2/18			1			1	i i I I			i i		
390	Underground Drainage Inside Building Installation	286 days 180 days	Sun 7/5/17 Mon 31/7/17	Fri 16/2/18 Fri 26/1/18			1			1						31/7_
398	Inside Building Drain Test	180 days	Tue 1/8/17	Sat 27/1/18			1			1				1		31/7 1/8
399	Outside Building Installation (within site boundar	90 days	Sat 18/11/17	Thu 15/2/18						1				i.		
400 401	Outside Building Drain Test (within site boundar	90 days	Sun 19/11/17	Fri 16/2/18			1			1	I I I I					9/7
401	Excavation Permit Application Preparation of Form HBP1	80 days 1 day	Sun 9/7/17 Sun 7/5/17	Tue 26/9/17 Sun 7/5/17			1			1				7/5	7/5	3,7
403	Submission of Form HBP1	21 days	Mon 8/5/17	Sun 28/5/17			1			1				8/5		
404	Construction of Terminal Manholes	80 days	Fri 27/10/17	Sun 14/1/18	B		1	1 I	1	i I			1 			
405 406	Final Connection to Government Manhole	40 days	Sun 10/12/17	Thu 18/1/18			1			1				1		
406	Final Drainage Submission DSD Inspection	30 days 60 days	Sun 24/12/17 Sun 24/12/17	Mon 22/1/18 Wed 21/2/18			1			1				1		
408	Electrical installations (see also detail	801 days	Mon 1/2/16	Wed 21/2/10 Wed 11/4/18			•		1	1	· · ·					
	programme for EL trade)						1		_1	1				 		
409	Drawing Submisssion and Approval (details refer	300 days	Sat 2/7/16	Thu 27/4/17			1	2	/7					27/4	•	
410	to submission schedule) Equipment & Material Submisssion and Approval	300 days	Sat 2/7/16	Thu 27/4/17	ī			2	/7	 				27/4	L	
411	(details refer to submission schedule) Conceal conduit & Builder work for Electrical /	190 days	Mon 7/8/17	Mon 12/2/18			1			1	i i I I		l l			7/8
412	ELV System									1						13/8
412	G/F (G.L.1-5/A-K) G/F (G.L.5-9/A-K)	45 days 45 days	Sun 13/8/17 Sun 3/9/17	Tue 26/9/17 Tue 17/10/17			1			1	I I I I			1		
414	UG/F (G.L.1-5/A-K)	45 days	Sun 17/9/17	Tue 31/10/17			1		1	1				1		
415	UG/F (G.L.5-9/A-K)	45 days	Sun 8/10/17	Tue 21/11/17	7					l I				i.		
416 417	1/F (G.L.1-5/A-K)	45 days	Sun 29/10/17	Tue 12/12/17			1	I I I I		1	I I I I		 	I I		
418	1/F (G.L.5-9/A-K) 2/F (G.L.1-5/A-K)	45 days 45 days	Sun 12/11/17 Sun 19/11/17	Tue 26/12/17 Tue 2/1/18			1			1				1		
419	2/F (G.L.5-9/A-K)	45 days	Sun 26/11/17	Tue 9/1/18			1			1				1		
420	3/F (G.L.1-5/A-K)	30 days	Sun 17/12/17	Mon 15/1/18						1				1		
421 422	3/F (G.L.5-9/A-K) 4/F (G.L.1-5/A-K)	30 days	Sun 24/12/17 Wed 7/2/18	Mon 22/1/18			1	I I	l l	1	I I			1		
423	4/F (G.L.1-5/A-K) 4/F (G.L.5-9/A-K)	15 days 15 days	Sun 31/12/17	Wed 21/2/18 Sun 14/1/18			1			1				1		
424	R/F (G.L.1-5/A-K)	8 days	Tue 13/2/18	Tue 20/2/18			1			1				1		1
425	R/F (G.L.5-9/A-K)	8 days	Wed 21/2/18	Wed 28/2/18			1			I				I I		
426 427	G/F to R/F Electrical Installation - First fixing G/F Electrical installation	164 days	Wed 18/10/17 Wed 1/11/17	Fri 30/3/18 Wed 20/12/17			1			1				1		
428	UG Electrical installation	50 days 50 days	Wed 22/11/17	Wed 20/12/17 Wed 10/1/18			1			1				1		
429	1/F Electrical Installation	50 days	Wed 27/12/17	Wed 14/2/18			1			ļ	i i			į		i i
430	2/F Electrical installation	50 days	Wed 10/1/18	Wed 28/2/18			1	I I I I		1	I I		 	I I		
431 432	3/F Electrical Installation 4/F Electrical Installation	50 days 50 days	Tue 16/1/18 Mon 15/1/18	Tue 6/3/18 Mon 5/3/18			1	I I I I		1			 	1		
433	R/F Electrical Installation	41 days	Sun 18/2/18	Fri 30/3/18			1			I.				1		
434	Completion of CLP G/F Tx. Room	1 day	Wed 18/10/17	Wed 18/10/17	7									1		j l
435	Installation Work of E&M Services & builder's	59 days	Thu 19/10/17	Sat 16/12/17			1			I I	I I		I I			
436	works inside Tx. Room Handover G/F Tx. Room for CLP Installation	18 days	Sun 17/12/17	Wed 3/1/18	3 I I		1	I I I I	1	l I	I I I I		 	1		
437	Work		Th	0				I I I I		1	I I I I		I I I I	1		1 I 1 I
437	CLP Installation Work in Tx. Room CLP Inspection & Power Energisation	60 days 8 days	Thu 4/1/18 Mon 5/3/18	Sun 4/3/18 Mon 12/3/18			1		1	1						
439	Electrical final fix (Lighting Fittings / Wiring	8 days 50 days	Sat 17/2/18	Sat 7/4/18						1						
	Accessories / ELV Accessories)	55 4475						I I		I I	I I		I I			
440	G/F	75 days	Sun 12/11/17	Thu 25/1/18			1		1	1						
441 442	UG/F 1/F	60 days	Sun 26/11/17 Sun 3/12/17	Wed 24/1/18 Wed 31/1/18												
443	2/F	60 days 60 days	Sun 3/12/17 Sun 17/12/17	Wed 31/1/18 Wed 14/2/18			1	I I	1	1	i I I I		1 I			
444	3/F	60 days	Sun 24/12/17	Wed 14/2/18			1		1	I I						
445	4/F	60 days	Sun 7/1/18	Wed 7/3/18	Bi				-	1						
446 447	R/F	60 days	Sun 21/1/18	Wed 21/3/18			i I	1 I	1	i I					25	/6
447	Earthing & Lightning System Testing & Commissioning (Electrical Installation)	280 days 22 days	Sun 25/6/17 Sat 17/3/18	Sat 31/3/18 Sat 7/4/18			1		1	l I				1		
449	T&C for Earthing & Lightning System	30 days	Sun 4/2/18	Mon 5/3/18										1		
450	T&C for Megger Test of Power Cable & Wiring	31 days	Sun 11/2/18	Tue 13/3/18	В		1	1 I	1	i I						
451 452	T&C for Distribution Board	31 days	Sun 18/2/18	Tue 20/3/18			1	I I I I	1	1				1		
	T&C for Power Management System	30 days	Sun 25/2/18	Mon 26/3/18	4						· · · · ·					
Project: Date: Tu	SSD505 - Master Construction Task	Critical Path	Progress		<ul> <li>Milestone</li> </ul>	Summa	iry 🗸	•								
									_							
	arks: *Delay in selection of pile for lo	-	-						P	age 6						
7 1 2	Feb 2016 and 27 Jan- 2 Feb 2017 an	d 16 Eab	10 Eab 2010	Chinaca Nov	N/ <sup>1</sup> / 1											

7-13 Feb 2016 and 27 Jan- 2 Feb 2017 and 16 Feb - 19 Feb 2018 Chinese New Year site close



Revised Contract Completion Date 6/3/2017a.m.

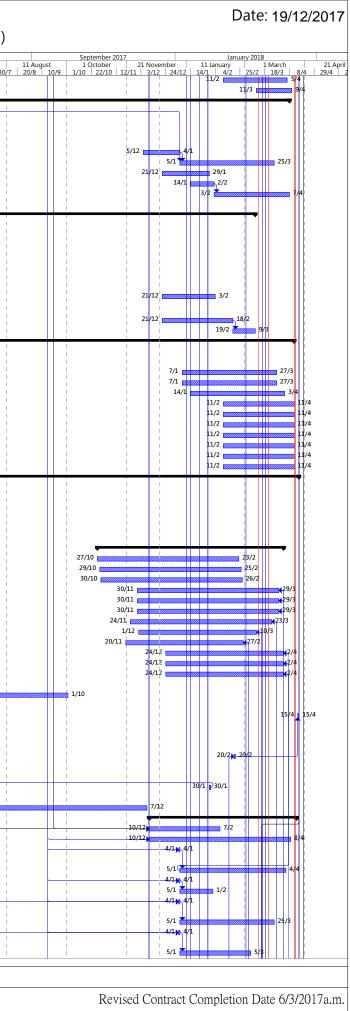
Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum-vehicle Depot at Yen Ming Road (SSD505)

		ID Task Name	Duration	Start	Finish	ptember 2015 21 October	11 December	January 2010 1 February	21 March	11 May	y 2016 1 July	21 August	September 2016 11 October	1 December	January 20 21 January	11 March	1 May		1 June
2         000000000000000000000000000000000000	Control 1 - Contro 1 - Contro 1 - Control 1 - Control 1 - Control 1 - Control 1 -	453 T&C for Lighting Fitting & Small Power	54 days	Sun 11/2/18	Thu 5/4/18	18/10 8/11 29	/11   20/12   10/1		13/3 3/4 24/		26/6 17/7 7	7/8 28/8 18	/9 9/10 30/10	20/11   11/12   1/1					
200         100         100         100         100         100           200         100         100         100         100         100           200         100         100         100         100         100           200         100         100         100         100         100         100           200         100					Mon 9/4/18	3	I.	1	1		I.	i I	1						
		Evol. System					1		12/	F	1	21/8							
View         View <th< td=""><td></td><td>Drawing Submission and reproval of EVSD</td><td>111 days</td><td>Fri 13/5/16</td><td>Wed 31/8/16</td><td></td><td>1</td><td>1</td><td>13/</td><td>5</td><td>1</td><td>-31/8</td><td>1</td><td></td><td>1</td><td> </td><td></td><td></td><td></td></th<>		Drawing Submission and reproval of EVSD	111 days	Fri 13/5/16	Wed 31/8/16		1	1	13/	5	1	-31/8	1		1				
			92 davs	Fri 15/4/16	Fri 15/7/16		l.	I I	15/4		15/7	1	1	1					
		Approval of LVSB (details refer to submission					1				1					1			
							1	1			1				1	1			
		Edit Work inside EV Switch Room					I.	I.			I.	l l	1						
V         100000         100000         1		EV oublete officitiboard installation					1	1	1		1				1	1			
0         0	000         000 <td></td> <td></td> <td></td> <td></td> <td></td> <td>i.</td> <td>i</td> <td>i</td> <td></td> <td>İ.</td> <td>i</td> <td>Ì</td> <td>i i</td> <td>i</td> <td>i</td> <td></td> <td>i i</td> <td></td>						i.	i	i		İ.	i	Ì	i i	i	i		i i	
View         View <th< td=""><td></td><td>Work</td><td></td><td></td><td></td><td></td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td></td><td>1</td><td></td><td></td><td> </td><td></td><td></td><td></td></th<>		Work					1	1	1	1	1		1						
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Image: Second Allowed Second	Improve National Andread Printer Biology         Biology	Brathing Gabinibbolon and Approval of	140 days	Thu 14/4/16	Wed 31/8/16		I.	I	14/4			31/8	1	1					
Visit         Visit <td< td=""><td></td><td>465 Equipment &amp; Material Submisssion and Approval of Generator (details refer to</td><td>151 days</td><td>Mon 1/2/16</td><td>Thu 30/6/16</td><td>5 I</td><td>1/2</td><td>2</td><td></td><td></td><td>30/6</td><td></td><td></td><td></td><td></td><td> </td><td></td><td></td><td></td></td<>		465 Equipment & Material Submisssion and Approval of Generator (details refer to	151 days	Mon 1/2/16	Thu 30/6/16	5 I	1/2	2			30/6								
0         0	Image: Image:		62 days	Map 22/0/14	Sat 22/10/14		1	1		1	22/	/8	22/10			1			
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The statute is the statute i	No. We conside ( additional of ( additi	467 Handover 3/F & R/F Generator Room for Installation Work	45 days	Thu 21/12/17	Sat 3/2/18	8										1			
Displane         Optimized Processor         Processor	LLU Speen       91 km						l.	i i			i I	i i	1	i I					
10         No. 2004         0 and 10000         100 and 10000         100 and 10000           10         Deals the stand security leads         0 and 10000         100 and 10000         100 and 10000           10         Deals the stand security leads         0 and 10000         100 and 10000         100 and 10000           10         Deals the stand security leads         0 and 10000         100 and 100000         100 and 1000000         100 and 1000000         100	International concentration of con					1	T T		l I	1	1		I I	 		1		 	
1000000000000000000000000000000000000	Based Secretion Secreti	471 Drawing Submisssion and Approval of ELV					   	1	   	   	   	   	l I I	14/12	31/1				
Mile       Absolution       South S	Mode Score: Isolation         00-06         Sci 1/100         Auto Period           110: C. P. Add Sci 1/200         00-06         Sci 1/200         Auto Period           110: C. P. Add Sci 1/200         00-06         Sci 1/200         Auto Period           110: C. P. Add Sci 1/200         00-06         Sci 1/200         Auto Period           110: C. P. Add Sci 1/200         00-06         Sci 1/200         Auto Period           110: C. P. Add Sci 1/200         00-06         Sci 1/200         Auto Period           110: C. P. Add Sci 1/200         00-06         Sci 1/200         Auto Period         Auto Period           110: C. P. Add Sci 1/200         00-06         Sci 1/200         Auto Period         Auto Period         Auto Period           110: C. P. Add Sci 1/200         00-06         Sci 1/200         Auto Period         Sci 1/200         Auto Period           110: C. P. Add Sci 1/200         00-06         Sci 1/200         Sci 1/200         Auto Period         Sci 1/200         Auto Period           110: C. P. Add Sci 1/200         00-06         Sci 1/200         Sci 1/200         Sci 1/200         Auto Period         S	472 Broadcast Reception Installation					1		l I	1	1		1	1	1	1		1	
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989       Weiding Exhaust System       100 doys       Sun 2/17/17       Mon 2/4/8         989       Sulmission & Approval of AC Layout[Initial by W       22 doys       Tue 2/10/17       Mon 2/4/8         989       Sulmission & Approval of AC Layout[Initial by W       22 doys       Tue 2/10/17       Mon 2/4/8         989       Sulmission & Approval of AC Layout[Initial by W       22 doys       Tue 2/10/17       Mon 2/4/8         980       Sulmission & Challation       Sun 15/4/18       Sun 15/4/18       Sun 15/4/18         990       Sulmission of AC CH to LBXD for Cooling Tower Installation       1 day       Sun 2/17/17       Mon 2/4/18         990       Sulmission of AC CH to LBXD for Cooling Tower Installation       1 day       Tue 2/17/17       Mon 2/4/18         990       Sulmission of CH2D to LBXD for Cooling Tower Installation       1 day       Tue 2/17/17       Mon 17/4/17         990       Sulmission of CH2D to LBXD for Cooling Tower Installation       1 day       Tue 2/17/17       Mon 17/4/17         991       Sulmission of U/CC DensingIntellib to FSD       47 days       Tue 2/17/17       Mon 17/4/17         992       Sulmission of U/CC Densing Tower       1 day       Tue 2/17/17       Mon 2/17/4/17       Mon 2/17/4/17         993       Concola Conduit & Builder Werk for MVAC	Wedding Exbanist System         100 days         Smi 201/1017         Mma 201/18           Automatic Concenters Tube Colong System         100 days         Smi 201/1017         Mma 201/18           Submission Approval AC Layout[Initial ]b yW         22 days         Tube 27/017         Wed 1997/17           Submission Approval AC Layout[Initial ]b yW         22 days         Tube 27/017         Wed 1997/17           Submission Approval AC Layout[Initial ]b yW         22 days         Tube 27/017         Smi 297/17           Submission Approval AC Layout[Initial ]b yW         22 days         Tube 27/017         Smi 297/17           Submission CHRS Ube Cooling Tower Installation         1 day         Sun 27/177         Smi 297/17           Submission CHRS Ube Cooling Tower Installation         1 day         Tube 202/18         Tube 202/18           Submission CHRS Ube Cooling Tower Installation         1 day         Tube 202/17         Non 17/017           Submission CHRS Ube Cooling Tower Installation         1 day         Tube 202/17         Non 17/017           Submission CHRS Ube Cooling Tower Installation         1 day         Tube 202/17         Non 17/017           Submission CHRS Ube Cooling Tower Installation         1 day         Tube 202/17         Non 17/017           Submission CHRS Ube Cooling Tower Installation         1 day         Subm	i lat i lat (jpo oolai ooliottoi				1.1	T.	I.	l	1	T.		1			1			
989         Submission 4 Approval AC Layout(Initial by WW         22 days         Tue 27/6/17         Weid 1997/17           989         Submission 4 Approval AC Layout(Initial by WW         22 days         Weid 1997/17         Sun 15/4/18         Sun 25/7/17         Sun 25/7/18         Sun 25/7/17         Sun 25/7/17 <td>2       Submission A provaid AC Layoutininality by W       22 days       Tue 22/0/17       Wed 19/7/7         3       Submission A provaid AC Layoutininality by W       22 days       Wed 19/7/7       Submission A provaid AC Layoutininality by W       22 days       Wed 19/7/7         4       If the Cooling Tower Installation       1 day       Submission A Approval AC Layoutininality by W       22 days       Wed 19/7/7       Submission A provaid AC Layoutininality by W       22 days       Wed 19/7/7         5       Submission A Approval AC Layoutininality by W       22 days       Wed 19/7/7       Submission A Approval AC Layoutininality by W       22 days       Wed 19/7/7         6       Uffor Cooling Tower Installation       1 day       Sun 27/17       Sun 27/17</td> <td>496 Welding Exhaust System</td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td>	2       Submission A provaid AC Layoutininality by W       22 days       Tue 22/0/17       Wed 19/7/7         3       Submission A provaid AC Layoutininality by W       22 days       Wed 19/7/7       Submission A provaid AC Layoutininality by W       22 days       Wed 19/7/7         4       If the Cooling Tower Installation       1 day       Submission A Approval AC Layoutininality by W       22 days       Wed 19/7/7       Submission A provaid AC Layoutininality by W       22 days       Wed 19/7/7         5       Submission A Approval AC Layoutininality by W       22 days       Wed 19/7/7       Submission A Approval AC Layoutininality by W       22 days       Wed 19/7/7         6       Uffor Cooling Tower Installation       1 day       Sun 27/17	496 Welding Exhaust System					1				1					1			
999       Submission dynamic rof rom WWO (Mydart)       25 days       Wed 19/7/7       Sun 17/07/7         841 (br Cooling Tover Installation Cooling Tover Installation Cooling Tover Installation Tover Installation       1 day       Sun 15/4/18       Sun 15/4/18       Sun 15/4/18         800       Submission of CTB to EXSD for Cooling Tover Installation Installation       1 day       Sun 27/17       Sun 27/17       Sun 27/17         801       Submission of CTB to EXSD for Cooling Tover Installation       1 day       Sun 27/17       Sun 27/17       Sun 27/17         802       Submission of CTB to EXSD for Cooling Tover Installation       1 day       Tue 200718       Tue 200718       Tue 200718         803       Submission of VAC Drawing(Initia) to FSD For Submission of VAC tover 10 WAC       1 day       Tue 200718       Tue 200718         805       Coff RMAC Installation       1 day       Sun 100277       Fin 13/16       Tue 200718         805       Coff RMAC Installation       1 day       Sun 100277       Sun 84/16       Tue 41/18         806       Coff RMAC Installation       1 day       Sun 84/16       Tue 41/18       Tue 41/18         806       Coff RMAC Installation       1 day       Sun 84/16       Tue 41/18       Tue 41/18         807       Coff RMAC Installation in MAC       1 day	Submission/Application of nor WWO 046/Part 1       75 days       Wed 197/17       Sun 110/17         Sill for Couling Tower Istallation       1 day       Sun 154/18       Sun 154/18         Submission of Crit 8 ACT to EMSD for Couling Tower       1 day       Sun 27/17       Sun 27/17         Submission of Crit 8 ACT to EMSD for Couling Tower       1 day       Sun 27/17       Sun 27/17         Submission of Crit 8 ACT to EMSD for Couling Tower       1 day       Tue 202/18       Tue 202/18         Submission of VAC Draving(hild) to FSD       47 days       Tue 202/18       Tue 202/18         Submission of VAC Draving(hild) to FSD       47 days       Tue 202/18       Tue 202/18         Concract Couling Tower       1 day       Submission of VAC Draving(hild) to FSD       47 days         Concract Couling Tower       1 day       Tue 202/18       Tue 202/18         Concract Couling Tower       1 day       Tue 202/18       Tue 202/18         G F DAF MACE Installation       1 day Sign Sign 10/171       Ym 11/17       Ym 11/18         U GF MACE Installation       1 day Sign Sign 10/171       Ym 11/18       Tue 4/178         U GF MACE Installation       2 days       Sun 11/171       Ym 11/17       Ym 11/18         U GF MACE Installation       1 day       Tue 4/178       Tue 4/178 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>1</td> <td>l.</td> <td>1</td> <td>I.</td> <td></td> <td>i.</td> <td>1</td> <td></td> <td>1</td> <td></td> <td>27/6</td> <td>10/7</td>						1	1	l.	1	I.		i.	1		1		27/6	10/7
a. Ul fc Conling Tome installation         a. Jun / Mol         <	a: 0) for Control Tower Installation       - 0.0 avg       - 0.0 avg <td></td> <td></td> <td></td> <td></td> <td></td> <td>i I</td> <td></td> <td>I.</td> <td>1</td> <td>1</td> <td></td> <td></td> <td>l l</td> <td>1    </td> <td> </td> <td></td> <td></td> <td></td>						i I		I.	1	1			l l	1   				
<sup>600</sup> Submission of Yom WWO (M4/Part I/V) for Cooling Tower Installation <sup>700</sup> Cordination of CTB 8 C14 to EMSD for Cooling Tower Installation Tower Installation <sup>700</sup> Submission of VAC Drawing(Inlig) for SD <sup>700</sup> Hardware <sup>700</sup> Submission of VAC Drawing(Inlig) for SD <sup>700</sup> Hardware <sup>700</sup> Submission of VAC Drawing(Inlig) for SD <sup>700</sup> Submission of VAC Drawing(Inlig) for SD <sup>700</sup> Hardware <sup>700</sup> Submission of VAC Drawing(Inlig) for SD <sup>700</sup> Submission of VAC forms SD to MVAC <sup>700</sup> Submission of VAC Drawing(Inlig) for SD <sup>700</sup> Cord MVAC Installation <sup>700</sup> Cord MVAC Installation <sup>710</sup> Cord MVAC Installation <sup>710</sup> Cord MVAC Installation <sup>710</sup> Cord MVAC Installation <sup>710</sup> Thu 4/1/18 <sup>710</sup> Thu 4/1/18 <sup>7110</sup> Th	2       Submission of form WMO 046/Part IVI for Cooling Tower Installation       1 day       Sun 154/18       Sun 154/18       Sun 154/18       Sun 154/18       Sun 27/17	oublinosionin ppiloution of form there of four	/b days	weu 19///17	Sull 1/10/17		1		I.	1	1					1		1	
Solution       1	Config Tower Installation       I<		1 day	Sun 15/4/18	Sun 15/4/18	3	1	1	į.		1				i i	1		1	
Submission of C728 to EMSD for Cooling Tower Installation       1 day       Tue 20/2/18       Tue 20/2/18       Tue 20/2/18       Tue 20/2/18       1 day         Submission of VAC Drawing(Initial) to FSD       47 days       Thu 2/3/17       Mon 17/4/17       1 day       1	2       Submission of C12B to BXD for Cooling Tower       1 day       Tue 20/2/18       Tue 20/2/18         3       Submission of VAC Drawing(Initial) to FSD       47 days       Thue 20/2/18       Tue 20/2/18         3       Submission of VAC Drawing(Initial) to FSD       1 day       Tue 20/2/18       Tue 20/2/18         4       Installation       1 day       Tue 20/2/18       Tue 20/2/18       Tue 20/2/18         5       GF FWAC Installation       126 days       Sun 10/17/17       Fin 33/4/18       Tue 40/178         5       GF FWAC Installation       126 days       Sun 10/17/17       Sin 84/18       Tue 40/178         6       GF FWAC Installation       126 days       Sun 10/17/17       Sin 84/18       Tue 40/178         7       GF FWAC Installation       1 day       Tue 40/178       Tue 40/178       Tue 40/178         9       Handwer of UGF AHU R rine fm MAC Installation in Chiller Plant for MVAC       1 day       Tue 40/178       Tue 40/178         1       Handwer of UGF AHU R rine fm MAC Installation in AHU Rm       20 days       Fin 51/178       Tue 41/178         2       -UGF MWAC Installation in AHU Rm       20 days       Fin 51/178       Sun 25/3718         2       -UGF MWAC Installation in Vater Pump Rm.       80 days       Fin 51/1	501 Submission of CT1B & CT4 to EMSD for Cooling	-		Sun 2/7/17	7	   				   							2/7 2/	7
838       Submission of VAC Drawing(Initial) to FSD       47 days       Thu 23N 77       Mon 17/4/17	2       Submission of VAC Crawing(initial) 0E SD       47 days       Thu 23017       Mon 17/417       Image: Submission of VAC form SO1 for MVAC       1 day       Twe 301/18       Image: Submission of VAC form SO1 for MVAC       1 day       Twe 301/18       Image: Submission of VAC form SO1 for MVAC       1 day       Twe 301/18       Image: Submission of VAC form SO1 for MVAC       1 day       Twe 301/17       Twe 301/18       Image: Submission of VAC form SO1 for MVAC       1 day       Twe 301/17	502 Submission of CT2B to EMSD for Cooling Tower	1 day	Tue 20/2/18	Tue 20/2/18	3	,   				,   								
595       Conceal Conduit & Builder Work for MVAC       180 days       Sun 11/6/17       Thu 7/12/17         506       C/F to R/F MVAC Installation       125 days       Sun 10/12/17       Fri 13/14/18         507       G/F MVAC Installation       120 days       Sun 10/12/17       Wed 7/2/18         508       UG/F MVAC Installation       120 days       Sun 10/12/17       Sun 8/4/18         509       Handover of UG/F Chiller Plant for MVAC       1 day       Thu 4/1/18         510       - UG/F MVAC Installation in Chiller Plant       90 days       Fri 5/1/18         511       Handover of UG/F MVAC Installation in Chiller Plant       90 days       Fri 5/1/18         512       - UG/F MVAC Installation in Chiller Plant       90 days       Fri 5/1/18         513       Handover of UG/F WAC Installation in AHU Rm       28 days       Fri 5/1/18         513       Handover of UG/F WAC Installation in Water Pump Rm.       80 days       Fri 5/1/18         513       Handover of UG/F WAC Installation in Water Pump Rm.       80 days       Fri 5/1/18         514       - UG/F WAC Installation in Water Pump Rm.       80 days       Fri 5/1/18         515       Handover of UG/F Exhaust Air Fan Rm. for       1 day       Thu 4/1/18         10       - UG/F WAVAC Installation in Exhaust	2       Conceal Conduit & Builder Work for MVAC       180 days       Sun 11/6/17       Thu 7/17/17       T	503         Submission of VAC Drawing(Initial) to FSD           504         Final Submission of VAC form 501 for MVAC				11	   	   	 	-     	   		   	   	2/3	17/4			
666       G/F to R/F MVAC Installation       125 days       Sun 10/12/17       Fri 13/4/18         677       G/F MVAC Installation       60 days       Sun 10/12/17       Fri 13/4/18         678       UG/F MVAC Installation       120 days       Sun 10/12/17       Sun 8/4/18         698       UG/F MVAC Installation       120 days       Sun 10/12/17       Sun 8/4/18         699       Handover of UG/F Chiller Plant for MVAC       1 day       Thu 4/1/18         100       - UG/F MVAC Installation in Chiller Plant       90 days       Fri 5/1/18       Wed 4/4/18         513       Handover of UG/F AHU Rm for MVAC Installation in AHU Rm       28 days       Fri 5/1/18       Thu 4/1/18         513       Handover of UG/F MVAC Installation in AHU Rm       28 days       Fri 5/1/18       Thu 4/1/18         514       - UG/F MVAC Installation in Water Pump Rm. for MVAC       1 day       Thu 4/1/18       Thu 4/1/18         515       Handover of UG/F K MVAC Installation in Kaust Air Fan Rm. for       1 day       Thu 4/1/18       Thu 4/1/18         515       Handover of UG/F MVAC Installation       Rob days       Fri 5/1/18       Mon 5/3/18       Hilestone         516       - UG/F MVAC Installation       Rob days       Fri 5/1/18       Mon 5/3/18       Hilestone       Hilestone </td <td>2       G/F to R/F MVAC Installation       125 days       Sun 10/12/17       Fri 13/4/18         2       G/F MVAC Installation       60 days       Sun 10/12/17       Wed 7/2/18         3       UG/F MVAC Installation       120 days       Sun 10/12/17       Wed 7/2/18         4       Handover of UG/F Chiller Plant for MVAC       1 day       Thu 4/1/18       Thu 4/1/18         1       Handover of UG/F AHU Rm for MVAC Installation       1 day       Thu 4/1/18       Thu 4/1/18         2       - UG/F MVAC Installation in Chiller Plant       90 days       Fri 5/1/18       Wed 4/4/18         3       Handover of UG/F AHU Rm for MVAC Installation       1 day       Thu 4/1/18       Thu 4/1/18         4       Handover of UG/F MAC Installation in AHU Rm       28 days       Fri 5/1/18       Thu 4/1/18         5       Handover of UG/F Exhaust Air Fan Rm. for       1 day       Thu 4/1/18       Thu 4/1/18         6       Handover of UG/F Exhaust Air Fan Rm. for       1 day       Thu 4/1/18       Thu 4/1/18         6       UG/F MVAC Installation in Exhaust Air Fan Rm. for       1 day       Thu 4/1/18       Thu 4/1/18         6       UG/F MVAC Installation in Exhaust Air Fan Rm. for       1 day       Thu 4/1/18       Thu 4/1/18         6       UG/F MVAC Instal</td> <td></td> <td>180 dave</td> <td>Sun 11/6/17</td> <td>Thu 7/12/17</td> <td>7</td> <td>1</td> <td>1</td> <td>l I</td> <td>1</td> <td>1</td> <td>-; L</td> <td></td> <td></td> <td>1</td> <td>1</td> <td>11/6</td> <td>1</td> <td></td>	2       G/F to R/F MVAC Installation       125 days       Sun 10/12/17       Fri 13/4/18         2       G/F MVAC Installation       60 days       Sun 10/12/17       Wed 7/2/18         3       UG/F MVAC Installation       120 days       Sun 10/12/17       Wed 7/2/18         4       Handover of UG/F Chiller Plant for MVAC       1 day       Thu 4/1/18       Thu 4/1/18         1       Handover of UG/F AHU Rm for MVAC Installation       1 day       Thu 4/1/18       Thu 4/1/18         2       - UG/F MVAC Installation in Chiller Plant       90 days       Fri 5/1/18       Wed 4/4/18         3       Handover of UG/F AHU Rm for MVAC Installation       1 day       Thu 4/1/18       Thu 4/1/18         4       Handover of UG/F MAC Installation in AHU Rm       28 days       Fri 5/1/18       Thu 4/1/18         5       Handover of UG/F Exhaust Air Fan Rm. for       1 day       Thu 4/1/18       Thu 4/1/18         6       Handover of UG/F Exhaust Air Fan Rm. for       1 day       Thu 4/1/18       Thu 4/1/18         6       UG/F MVAC Installation in Exhaust Air Fan Rm. for       1 day       Thu 4/1/18       Thu 4/1/18         6       UG/F MVAC Installation in Exhaust Air Fan Rm. for       1 day       Thu 4/1/18       Thu 4/1/18         6       UG/F MVAC Instal		180 dave	Sun 11/6/17	Thu 7/12/17	7	1	1	l I	1	1	-; L			1	1	11/6	1	
607       G/F MVAC Installation       60 days       Sun 10/12/17       Wed 7/2/18         508       UG/F MVAC Installation       120 days       Sun 10/12/17       Sun 8/4/18         509       Handover of UG/F Chiller Plant for MVAC       1 day       Thu 4/1/18       Thu 4/1/18         510       - UG/F MVAC Installation in Chiller Plant       90 days       Fri 5/1/18       Wed 4/4/18         511       Handover of UG/F Chiller Plant M       28 days       Fri 5/1/18       Thu 4/1/18         512       - UG/F MVAC Installation in AMAC       1 day       Thu 4/1/18       Thu 4/1/18         512       - UG/F MVAC Installation in AMAC       1 day       Thu 4/1/18       Thu 4/1/18         513       Handover of UG/F Water Pump Rm. for MVAC       1 day       Thu 4/1/18       Thu 4/1/18         513       Handover of UG/F MVAC Installation in Water Pump Rm. 80 days       Fri 5/1/18       Sun 25/3/18         514       - UG/F MVAC Installation in Water Pump Rm. 80 days       Fri 5/1/18       Sun 25/3/18         515       Handover of UG/F Exhaust Air Fan Rm. for       1 day       Thu 4/1/18         516       - UG/F MVAC Installation       Tak       Mon 5/3/18	2       G/F MVAC Installation       60 days       Sun 10/12/17       Wed 7/2/18         3       UG/F MVAC Installation       120 days       Sun 10/12/17       Sun 8/4/18         4       Handover of UG/F Chiller Plant for MVAC       1 day       Thu 4/1/18       Thu 4/1/18         2       - UG/F MVAC Installation in Chiller Plant       90 days       Fri 5/1/18       Wed 4/4/18         4       Handover of UG/F AVLR       Installation in AHU Rm       28 days       Fri 5/1/18       Thu 4/1/18         2       - UG/F MVAC Installation in AHU Rm       28 days       Fri 5/1/18       Thu 4/1/18       Thu 4/1/18         3       Handover of UG/F Exhaust Air Fan Rm. for       1 day       Thu 4/1/18       Thu 4/1/18         4       - UG/F MVAC Installation in Water Pump Rm.       80 days       Fri 5/1/18       Sun 25/3/18         5       Hondover of UG/F Exhaust Air Fan Rm. for       1 day       Thu 4/1/18       Thu 4/1/18         4       - UG/F MVAC Installation in Exhaust Air Fan Rm. for bit 3/118       Mon 5/3/18       Summary         4       - UG/F MVAC Installation in Exhaust Air Fan Rm. for bit 3/118       Mon 5/3/18       Summary         4       - UG/F MVAC Installation in Exhaust Air Fan Rm. for 5/3/18       Milestone Summary       Summary         7. UG FM MVAC Ins						I.		l.	1	1				1				
568         UG/F MVAC Installation         120 days         Sun 10/12/17         Sun 8/4/18           569         Handover of UG/F Chiller Plant for MVAC         1 day         Thu 4/1/18         Thu 4/1/18           1nstallation         Installation in Chiller Plant         90 days         Fri 5/1/18         Wed 4/4/18           510         - UG/F MVAC Installation in Chiller Plant         90 days         Fri 5/1/18         Wed 4/4/18           511         Handover of UG/F AHU Rm for MVAC Installatio         1 day         Thu 4/1/18         Thu 4/1/18           512         - UG/F MVAC Installation in AHU Rm         28 days         Fri 5/1/18         Thu 4/1/18           513         Handover of UG/F Exhaust Air Fan Rm. for         1 day         Thu 4/1/18           514         - UG/F MVAC Installation in Water Pump Rm.         80 days         Fri 5/1/18           515         Handover of UG/F Exhaust Air Fan Rm. for         1 day         Thu 4/1/18           516         - UG/F MVAC Installation in Exhaust Air Fan Rn         60 days         Fri 5/1/18         Mon 5/3/18	2       UG/F MVAC Installation       120 days       Sun 10/12/17       Sun 8/4/18         4       Handover of UG/F Chiller Plant for MVAC       1 day       Thu 4/1/18       Thu 4/1/18         0       - UG/F MVAC Installation in Chiller Plant       90 days       Fri 5/1/18       Wed 4/4/18         2       - UG/F MVAC Installation in AHU Rm for MVAC Installation in AHU Rm for MVAC Installation in AHU Rm for MVAC Installation in AHU Rm       28 days       Fri 5/1/18         2       - UG/F MVAC Installation in AHU Rm       28 days       Fri 5/1/18       Thu 4/1/18         1       Handover of UG/F AHU Rm for MVAC Installation in AHU Rm       28 days       Fri 5/1/18         3       Handover of UG/F Exhaust Air Fan Rm. for MVAC Installation in Water Pump Rm.       80 days       Fri 5/1/18         4       - UG/F MVAC Installation in Exhaust Air Fan Rm. for Mod Gays       Fri 5/1/18       Sun 25/3/18         5       - UG/F MVAC Installation in Exhaust Air Fan Rm. for dotays       Fri 5/1/18       Mon 5/3/18         4       - UG/F MVAC Installation in Exhaust Air Fan Rm. for dotays       Fri 5/1/18       Mon 5/3/18         5       - UG/F MVAC Installation in Exhaust Air Fan Rm. for dotays       Fri 5/1/18       Mon 5/3/18	507 G/F MVAC Installation					i I		i I		r I			l I		1			
Installation       1 day	Installation       Industrian       Industrian       Industrian         0       - UG/F MVAC Installation in Chiller Plant       90 days       Fri 5/1/18       Wed 4/4/18         1       Handover of UG/F AHU Rm for MVAC Installation in AHU Rm       28 days       Fri 5/1/18       Thu 4/1/18         2       - UG/F MVAC Installation in AHU Rm       28 days       Fri 5/1/18       Thu 4/1/18         3       Handover of UG/F Kater Pump Rm. for MVAC       1 day       Thu 4/1/18         1       Installation       Nuder Pump Rm. 80 days       Fri 5/1/18       Thu 4/1/18         4       - UG/F MVAC Installation in Exhaust Air Fan Rm. for MVAC Installation       1 day       Thu 4/1/18         5       Handover of UG/F Exhaust Air Fan Rm       60 days       Fri 5/1/18       Thu 4/1/18         5       - UG/F MVAC Installation in Exhaust Air Fan Rm       60 days       Fri 5/1/18       Mon 5/3/18         4       - UG/F MVAC Installation in Exhaust Air Fan Rm       60 days       Fri 5/1/18       Mon 5/3/18       Mulestone          5       - UG/F MVAC Installation in Exhaust Air Fan Rm       60 days       Fri 5/1/18       Summar       Mulestone          7       Task       Critical Path       Progress       Milestone        Summar       Mulestone	508 UG/F MVAC Installation	120 days	Sun 10/12/17	Sun 8/4/18	3	1			1	1					1			
511       Handover of UG/F AHU Rm for MVAC Installatic       1 day       Thu 4/1/18         512       - UG/F MVAC Installation in AHU Rm       28 days       Fri 5/1/18       Thu 4/1/18         513       Handover of UG/F Water Pump Rm. for MVAC       1 day       Thu 4/1/18       Thu 4/1/18         514       - UG/F MVAC Installation       Nu days       Fri 5/1/18       Sun 25/3/18         514       - UG/F MVAC Installation       Nu days       Fri 5/1/18       Sun 25/3/18         515       Handover of UG/F Exhaust Air Fan Rm. for       1 day       Thu 4/1/18         MVAC Installation       Thu 4/1/18       Thu 4/1/18       Thu 4/1/18         515       - UG/F MVAC Installation in Exhaust Air Fan Rm. for       1 day       Thu 4/1/18         516       - UG/F MVAC Installation       Thu 4/1/18       Thu 4/1/18         517       - UG/F MVAC Installation in Exhaust Air Fan Rm       60 days       Fri 5/1/18       Mon 5/3/18         518       - UG/F MVAC Installation in Exhaust Air Fan Rm       60 days       Fri 5/1/18       Mon 5/3/18         Track       Tack       Extension       Tack       Summary       Tack	L       Handover of UGF AHU Rm for MVAC Installatii       1 day       Thu 4/1/18         2       - UG/F MVAC Installation in AHU Rm       28 days       Fri 5/1/18       Thu 1/2/18         3       Handover of UG/F Water Pump Rm. for MVAC       1 day       Thu 4/1/18       Thu 4/1/18         1       Installation       1       day       Thu 4/1/18       Thu 4/1/18         1       Installation in Water Pump Rm. for MVAC       1 day       Thu 4/1/18       Thu 4/1/18         1       - UG/F MVAC Installation in Water Pump Rm.       80 days       Fri 5/1/18       Sun 25/3/18         4       - UG/F MVAC Installation in Water Pump Rm.       80 days       Fri 5/1/18       Sun 25/3/18         4       - UG/F MVAC Installation in Exhaust Air Fan Rm. for       1 day       Thu 4/1/18       Thu 4/1/18         5       - UG/F MVAC Installation in Exhaust Air Fan Rm       60 days       Fri 5/1/18       Mon 5/3/18         6       - UG/F MVAC Installation in Exhaust Air Fan Rm       60 days       Fri 5/1/18       Mon 5/3/18         7       Tue 19/12/17       Task       Critical Path @ Progress       Mileston @ Summary	Installation				li	 		 		 					1			
512       - UG/F MVAC Installation in AHU Rm       28 days       Fri 51/18       Thu 1/2/18         513       Handover of UG/F Water Pump Rm. for MVAC       1 day       Thu 4/1/18       Thu 4/1/18         514       - UG/F MVAC Installation in Water Pump Rm.       80 days       Fri 51/18       Sun 25/3/18         515       Handover of UG/F Exhaust Air Fan Rm. for MVAC Installation       1 day       Thu 4/1/18       Thu 4/1/18         515       - UG/F MVAC Installation       1 day       Thu 4/1/18       Thu 4/1/18         516       - UG/F MVAC Installation       1 day       Thu 4/1/18         517       Handover of UG/F Exhaust Air Fan Rm. for MVAC Installation       1 day       Thu 4/1/18         516       - UG/F MVAC Installation       Exhaust Air Fan Rm       60 days       Fri 5/1/18         516       - UG/F MVAC Installation in Exhaust Air Fan Rm       60 days       Fri 5/1/18       Mon 5/3/18         Viewer SSD505 - Master Construction       Tack       Recorrect       Summary       Summary	2       - UG/F MVAC Installation in AHU Rm       28 days       Fri 5/1/18       Thu 1/2/18         3       Handover of UG/F Water Pump Rm. for MVAC       1 day       Thu 4/1/18       Thu 4/1/18         1       - UG/F MVAC Installation in Water Pump Rm.       80 days       Fri 5/1/18       Sun 25/3/18         4       - UG/F MVAC Installation in Water Pump Rm.       80 days       Fri 5/1/18       Sun 25/3/18         5       Handover of UG/F Exhaust Air Fan Rm. for MVAC Installation in Exhaust Air Fan Rm       60 days       Fri 5/1/18       Mon 5/3/18         c+t SSD005 - Master Construction Ture 191/2/17       Task       Critical Path Construction       Milestone ♦       Summary					-	i I				1			l l	1   	1			
513       Handover of UG/F Water Pump Rm. for MVAC       1 day       Thu 4/1/18       Thu 4/1/18         514       - UG/F MVAC Installation in Water Pump Rm.       80 days       Fri 5/1/18       Sun 25/3/18         515       Handover of UG/F Exhaust Air Fan Rm. for MVAC Installation       1 day       Thu 4/1/18       Thu 4/1/18         516       - UG/F MVAC Installation       1 day       Thu 4/1/18       Thu 4/1/18         516       - UG/F MVAC Installation in Exhaust Air Fan Rm       60 days       Fri 5/1/18       Mon 5/3/18         Viewet SSD505 - Master Construction       Tack       For parts       Milestone       Summary	3       Handover of UG/F Water Pump Rm. for MVAC       1 day       Thu 4/1/18						1	1	1	1	1			1		1		1	
514       - UG/F MVAC Installation in Water Pump Rm.       80 days       Fri 5/1/18       Sun 25/3/18         515       Handover of UG/F Exhaust Air Fan Rm. for MVAC Installation       1 day       Thu 4/1/18       Thu 4/1/18         516       - UG/F MVAC Installation in Exhaust Air Fan Rm       60 days       Fri 5/1/18       Mon 5/3/18	4       - UG/F MVAC Installation in Water Pump Rm.       80 days       Fri 5/1/18       Sun 25/3/18         5       Handover of UG/F Exhaust Air Fan Rm. for MVAC Installation       1 day       Thu 4/1/18       Thu 4/1/18         6       - UG/F MVAC Installation in Exhaust Air Fan Rn       60 days       Fri 5/1/18       Mon 5/3/18         ct: SSDe06 - Master Construction Ture 19/12/17       Task       Critical Path @@@@@sconstruction       Milestone ♦	513 Handover of UG/F Water Pump Rm. for MVAC				1.					- 								
MWAC Installation     Cosy     Mile Mile       516     - UG/F MVAC Installation in Exhaust Air Fan Rn     60 days     Fri 5/1/18       Voiet: SSD505 - Master Construction     Tack     Progress     Milestone	MVAC Installation in Exhaust Air Fan Rn     60 days     Fri 5/1/18     Mon 5/3/18       ct: SSDe05 - Master Construction Tue 191/2/17     Task     Critical Path     Progress	514 - UG/F MVAC Installation in Water Pump Rm.																	
	tt SD50505 • Master Construction Tue 19/12/17 Task  Critical Path  Progress → Milestone  Summary →	MVAC Installation	i uay				1		1	1	1			1					
oject: SSD505 - Master Construction Task Critical Path Construction Progress — Milestone I Summary	Tue 19/12/17	516 - UG/F MVAC Installation in Exhaust Air Fan Rn	60 days	Fri 5/1/18	Mon 5/3/18	3	1	1			1	1	I	I	[ ]	1		I.	
	Tue 19/12/17	Project: SSD505 - Master Construction Task	Critical Path	Progress		<ul> <li>Milestone</li> </ul>	Summ	ary 🗸											

Remarks: \*Delay in selection of pile for loading test subject to EOT claim

7-13 Feb 2016 and 27 Jan- 2 Feb 2017 and 16 Feb - 19 Feb 2018 Chinese New Year site close

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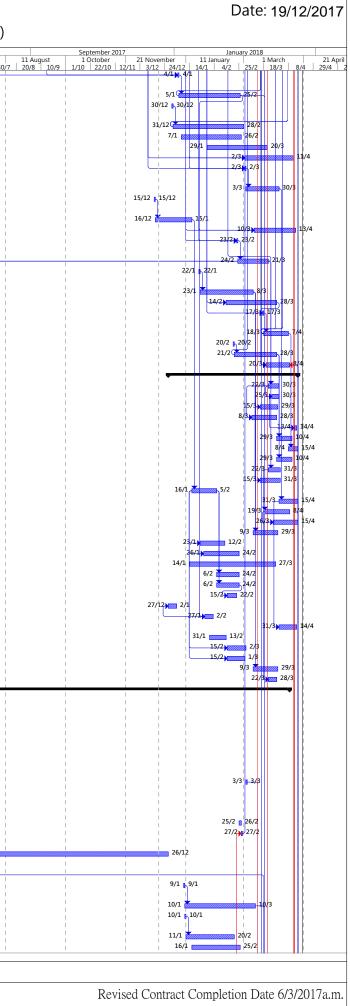
Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum-vehicle Depot at Yen Ming Road (SSD505)

ID To																	
	sk Name	Duration	Start	Finish	tember 2015 21 October	11 December	January 2016 1 February	21 March	May 2 11 May 15/5 5/6 2	1 July	21 August	September 2016 11 October	1 December	January 20 21 January	11 March	1 May	May 201
.7	Handover of UG/F MCC Rm. for MVAC	1 day	Thu 4/1/18	Thu 4/1/18	.8/10 8/11 29/	9/11 20/12 10/1	31/1 21/2	13/3 3/4 24/4	15/5 5/6 2	26/6 17/7 7/8	28/8 18/9	9/10 30/10 20,	/11   11/12   1/1	22/1 12/2	5/3 26/3 16/4	4 7/5 28/5	18/6
3	Installation - UG/F MVAC Installation in MCC Rm.	52 days	Fri 5/1/18	Sun 25/2/18									I	I	 	 	i l
1	Handover of G/F Vehicle Washing Bay for	1 day	Sat 30/12/17	Sat 30/12/17		1						1	I.	l I	1	l I	
0	MVAC Installation - G/F MVAC Installation in Vehicle Washing Bay	60 days	Sun 31/12/17	Wed 28/2/18		1						1	I I	I I	1	1	
1	1/F MVAC Installation	51 days	Sun 7/1/18	Mon 26/2/18		1	1			1		1	I I	1	1	l I	1
22 23	2/F MVAC Installation	51 days	Mon 29/1/18	Tue 20/3/18					1	1			1	i.	l I	1	
24	3/F MVAC Installation Handover of 3/F PAU Rm (West Wing) for	41 days 1 day	Fri 2/3/18 Fri 2/3/18	Wed 11/4/18 Fri 2/3/18			1		1	1				1	1	1	
	MVAC Installation								1	1				1	1	1	
525 526	<ul> <li>- 3/F MVAC Installation in PAU Rm (West Wing)</li> <li>Handover of 3/F PAU Rm (East Wing) for</li> </ul>	28 days 1 day	Sat 3/3/18 Fri 15/12/17	Fri 30/3/18 Fri 15/12/17									1		1	l	
	MVAC Installation	ruay	11113/12/17	11113/12/17		l	I					l	I I	I I	1	1	i i
527 528	- 3/F MVAC Installation in PAU Rm (East Wing)	31 days	Sat 16/12/17	Mon 15/1/18		1	1					1	1	1	1	1	1
529	4/F MVAC Installation Handover of 4/F Cooling Tower Plant for MVAC	35 days 1 day	Sat 10/3/18 Fri 23/2/18	Fri 13/4/18 Fri 23/2/18						1			I I	l I	l I	1	
	Installation					1	I I		1	1		1	I I	I I	1	1	1
530 531	- 4/F MVAC Installation in Cooling Tower Plant Handover of PAU Rm (West Wing) for MVAC	26 days 1 day	Sat 24/2/18 Mon 22/1/18	Wed 21/3/18 Mon 22/1/18		1	1		1	1			l I	1	1	I I	
	Installation	ruay	1001122/1710	101011 22/17/10									 	 		 	i
532 533	- 4/F MVAC Installation in PAU Rm (West Wing)	45 days	Tue 23/1/18	Thu 8/3/18			1		1	1				l	1	1	i.
534	R/F MVAC Installation Handover of R/F Heat Pump Plant for MVAC	43 days 1 day	Wed 14/2/18 Sat 17/3/18	Wed 28/3/18 Sat 17/3/18									l.	l.	1	1	
	Installation												i I	i I	1 	i I	1
535 536	- R/F MVAC Installation in Heat Pump Plant Handover of Flat Roof for MVAC Installation	21 days 1 day	Sun 18/3/18 Tue 20/2/18	Sat 7/4/18 Tue 20/2/18		1						l I	I.	l I	1	I I	I.
537	- R/F MVAC Installation in Flat Roof	36 days	Wed 21/2/18	Wed 28/3/18		1						1	I I	I I	1	1	1
538 539	Testing & Commissioning (MVAC)	20 days	Tue 20/3/18	Sun 8/4/18		1						1	I.	l I	1	1	1
539	Testing & Commissioning & Handover(MVAC) Cooling Tower Function & Full Load Test	110 days 9 days	Wed 27/12/17 Thu 22/3/18	Sun 15/4/18 Fri 30/3/18		1							I.	I.	1	I I	1
541	Water Cooled Chiller Function & Full Load Test	6 days	Sun 25/3/18	Fri 30/3/18		1	 	1					I.	l I	1	I I	1
542 543	Water Pump Performance Test	15 days	Thu 15/3/18	Thu 29/3/18									1	1	,   	,   	1
544	Water Pump Alignment Test Water Scrubber Performance Test	21 days 2 days	Thu 8/3/18 Fri 13/4/18	Wed 28/3/18 Sat 14/4/18					1				I.	l l	1	I I	1
545	Heat Pump Unit Performance Test	13 days	Thu 29/3/18	Tue 10/4/18		1	I.					1	I I	l I	1	1	1
546 547	Heat Transfer Compact Unit Performance Test Solar Hot Water System Performance Test	8 days 13 days	Sun 8/4/18 Thu 29/3/18	Sun 15/4/18 Tue 10/4/18		1	I I			1		1	I I	l I	l I	1	1
548	Fan Coil Units Function Test	10 days	Thu 22/3/18	Sat 31/3/18		1	I I		1	]		1	I I	I.	1	1	1
549	Water Balancing	17 days	Thu 15/3/18	Sat 31/3/18		1	1	1		1			I.	t T	1	1	1
550 551	AHU & PAU Function Test Ventilating Fans Function Test	21 days 16 days	Tue 16/1/18 Sat 31/3/18	Mon 5/2/18 Sun 15/4/18						1			l I	l I	 	1	1
552	Vehicle Extraction System Function Test	21 days	Mon 19/3/18	Sun 8/4/18			1		1				1	I	1	I	i
553 554	Welding Extraction System Function Test	21 days	Mon 26/3/18	Sun 15/4/18			1		1	1				1	1	1	i.
555	VRV Unit Function Test Bio-oxygen Generator Function Test	21 days 21 days	Fri 9/3/18 Tue 23/1/18	Thu 29/3/18 Mon 12/2/18									I.	1	1	1	1
556	Ultra Violet Sterilizing Light Function Test	30 days	Fri 26/1/18	Sat 24/2/18		1	I I		1			1	I.	I.	1	I	1
557 558	Ductwork Leakage Test Air Balancing and Flow Measurement	73 days 19 days	Sun 14/1/18 Tue 6/2/18	Tue 27/3/18 Sat 24/2/18			1		I I				I I	I I	l I	1	1
559	Air Duct Cleaning	19 days	Tue 6/2/18	Sat 24/2/18		1	I I			1		1	I I	l I	l I	1	1
560 561	IAQ Measurement	8 days	Thu 15/2/18	Thu 22/2/18		1	1			]		1	1	l I	1	1	1
562	Motor Control Cubicles (MCC) Factory Test Motor Control Cubicles (MCC) Site Test	7 days 7 days	Wed 27/12/17 Sat 27/1/18	Tue 2/1/18 Fri 2/2/18		1	1			1			I I	I I	1	I.	1
63	CCMS Functional Test	15 days	Sat 31/3/18	Sat 14/4/18						1			l I	l I	 	 	1
564 565	VAC Functional Test N.C. Measuring Test	14 days	Wed 31/1/18	Tue 13/2/18 Fri 2/3/18			1		1				1	i.	 	1	i
566	Room temperature Measuring Test	16 days 15 days	Thu 15/2/18 Thu 15/2/18	Thu 1/3/18			1		1	1					1	l	i.
567	Function Test for Condensate Drain Pipe	21 days	Fri 9/3/18	Thu 29/3/18										i I		1	
568 569 F	PCO performanance test ire services installations (see also detail	7 days 612 days	Thu 22/3/18 Fri 5/8/16	Wed 28/3/18 Sun 8/4/18									1	1	1	1	
pi	rogramme for FS trade)					1				- 			I I	l I		1	I.
	Drawing Submisssion and Approval (details refer to submission schedule)	180 days	Sun 2/10/16	Thu 30/3/17		1					2/10	1	1	1	30/3	I I	I.
571	Equipment & Material Submisssion and Approval	180 days	Sun 25/9/16	Thu 23/3/17		1					25/9		1	1	23/3	I	1
	(details refer to submission schedule)								1	5/8	25/8		I.	l I	1		1
	Approval of GBP(Initial) by FSD & WSD Submission/Application of form WWO 046(Part I	21 days 76 days	Fri 5/8/16 Mon 27/3/17	Thu 25/8/16 Sun 11/6/17						5,0			I I	I I	27/3	1	1/6
	& II) for F.S. Installation						 							 	   		i.
	Submission of form WWO 046(Part IV) for F.S. Installation	1 day	Sat 3/3/18	Sat 3/3/18									 	 	,   		1
	Submission of Drawing for D.G. Liscence to FSD	60 days	Mon 17/10/16	Thu 15/12/16							17,	/10	15/12	i I			
	for Approval	) dour	Sup 05/0/10	Map 2/ /2/10									i I	i I	i 		1
	Rehearsal of FSD Inspection Final Submission of Form314(Layout) &	2 days 1 day	Sun 25/2/18 Tue 27/2/18	Mon 26/2/18 Tue 27/2/18		1	1					1	I I	t I	1	1	I.
	Form501(FS related) to FSD					1						1	I I	l I	1	11/6	 
	Concealed Conduit & Builder Work for FS. G/F to R/F F.S. Installation - First fixing	199 days 304 days	Sun 11/6/17 Thu 20/4/17	Tue 26/12/17 Sat 17/2/18		1							1	1	1	1 TT/0	1
80	Application of Direct Telephone Link	1 day	Sun 11/6/17	Sun 11/6/17									I I	l I	1	11/6	1/6
81	Handover of G/F F.S. Transfer Pump Rm. for	1 day	Tue 9/1/18	Tue 9/1/18									I I	I I	1	I I	
82	F.S. Installation F.S. Installation in F.S. Transfer Pump Rm.	60 days	Wed 10/1/18	Sat 10/3/18			·   					1		I	 		i.
583	Handover of G/F F.S. Control Rm. for F.S.	1 day	Wed 10/1/18	Wed 10/1/18									1	1	,   	1	1
584	Installation F.S. control panel Installation in F.S. control Rm	41 days	Thu 11/1/18	Tue 20/2/18									1	i I	1	1	1
	G/F FS Installation	41 days	Tue 16/1/18	Sun 25/2/18		1	1	1	1	1		1	1	1	1	1	1

Remarks: \*Delay in selection of pile for loading test subject to EOT claim

7-13 Feb 2016 and 27 Jan- 2 Feb 2017 and 16 Feb - 19 Feb 2018 Chinese New Year site close

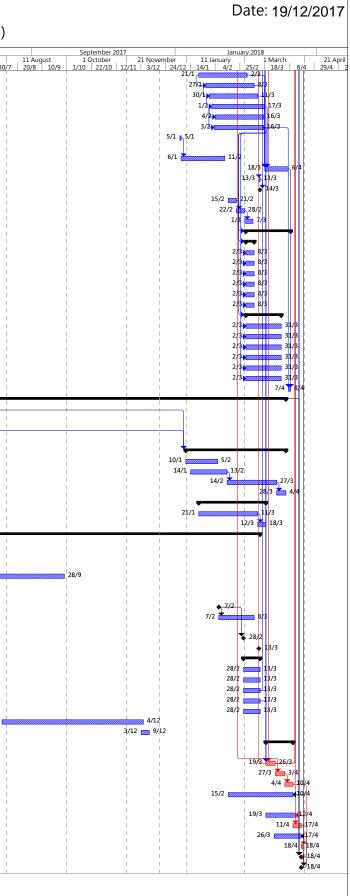
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Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum-vehicle Depot at Yen Ming Road (SSD505)

				nep	5			,,,					9	(002000)
ID T	Fask Name	Duration	Start	Finish	ptember 2015         11 December           21 October         11 December           18/10         8/11         29/11         20/12         10/1	January 2016 1 February 21 March 31/1 21/2 13/3 3/4 24/4	May 2016 11 May   1 July 15/5 5/6 26/6 17/7	21 August 7/8 28/8 18/9	September 2016           11 October         1 [           9/10         30/10         20/11         1	December 1/12 1/1 22	January 20 21 January /1 12/2	17 11 March 5/3 26/3 16/4	1 May 4 7/5 28/5	May 2017 21 June 18/6 9/7 30
586	UG/F FS Installation	41 days	Sun 21/1/18	Fri 2/3/18	8					· · · · · ·			1	1
587	1/F FS Installation	41 days	Sat 27/1/18	Thu 8/3/18		1 1				1	1		1	
588 589	2/F FS Installation	41 days	Tue 30/1/18	Sun 11/3/18							1		1	
590	3/F FS Installation 4/F FS Installation	45 days	Thu 1/2/18	Sat 17/3/18 Fri 16/3/18		1 1 1	1		1	-			1	1
591	R/F FS Installation	41 days 42 days	Sun 4/2/18 Sat 3/2/18	Fri 16/3/18 Fri 16/3/18							1		1	
592	Handover of SPR. & F.S. Pump Rm. for F.S.	42 uays 1 day	Fri 5/1/18	Fri 5/1/18		1 1 1	l.		I I I	ļ.	1		1	1
	Installation	ruay	111 3/1/10	111 3/1/10							1		1	
593	F.S. Installation in SPR. & F.S. Pump Rm.	37 days	Sat 6/1/18	Sun 11/2/18	8 ! !	1 1			1		1		1	1
594	F.S. Final fixing	20 days	Sun 18/3/18	Fri 6/4/18	8		1			i i	]		1	1
595	Water Authority inspections for FS Installation	1 day	Tue 13/3/18	Tue 13/3/18		1 1 1	I.		I I	I.	1		1	1
596	Obtain Water Certificate	1 day	Wed 14/3/18	Wed 14/3/18						ł			1	
597	FS inspection for DG Stores (1st)	7 days	Thu 15/2/18	Wed 21/2/18		i i i	1	1	i i	i.	i		1	1
598	FS inspection for DG Stores (2nd)	7 days	Thu 22/2/18	Wed 28/2/18						i i				
599 600	Obtained DG. Licence	7 days	Thu 1/3/18	Wed 7/3/18		1 I I	I	1	I I	I.	1		L	1
601	Testing & Commissioning (FS) Hydraulic Test for Pipework	38 days	Fri 2/3/18 Fri 2/3/18	Sun 8/4/18 Thu 8/3/18						i i				
602	G/F & UG/F	7 days 7 days	Fri 2/3/18	Thu 8/3/18		i i i	I	Ì	i i	i.	1		I.	i.
603	1/F	7 days	Fri 2/3/18	Thu 8/3/18						L L	1		1	1
604	2/F	7 days	Fri 2/3/18	Thu 8/3/18		i i i			i i	i			i	
605	3/F	7 days	Fri 2/3/18	Thu 8/3/18							1		1	1
606	4/F	7 days	Fri 2/3/18	Thu 8/3/18			1	Í			1		i.	I
607	R/F	7 days	Fri 2/3/18	Thu 8/3/18				1		1	1		1	1
608	Equipment Performance Test	30 days	Fri 2/3/18	Sat 31/3/18	8		1	í					1	
609	G/F & UG/F	30 days	Fri 2/3/18	Sat 31/3/18				1		l.	1		1	1
610	1/F	30 days	Fri 2/3/18	Sat 31/3/18			1	i I					i I	
611	2/F	30 days	Fri 2/3/18	Sat 31/3/18				1		1	1		1	1
612 613	3/F	30 days	Fri 2/3/18	Sat 31/3/18			1						1	
613	4/F R/F	30 days	Fri 2/3/18	Sat 31/3/18 Sat 31/3/18				1		1	1		1	
615	Interfacing test with AC/EE/Lift/Fire Shutter etc.	30 days	Fri 2/3/18 Sat 7/4/18	Sun 8/4/18						i i			1	
616	Mechanical handling and lifting installation	2 days 403 days	Sun 26/2/17	Wed 4/4/18		1 1 1	I.			I.			<u></u>	
617	Drawing Submisssion and Approval (details refer to submission schedule)	45 days	Sun 26/2/17	Tue 11/4/17							26/2		 	 
618	Equipment & Material Submisssion and Approval (details refer to submission schedule)	60 days	Sun 5/3/17	Wed 3/5/17	7						5/3 📷		3/5	   
619	Gondola system	85 days	Wed 10/1/18	Wed 4/4/18										
620	Cast-in bolt	27 days	Wed 10/1/18	Mon 5/2/18		i i		1	1		i		1	1
621 622	Guide rail installation	31 days	Sun 14/1/18	Tue 13/2/18				r I					1	
623	Gondola system installation T&C for gondola	42 days 8 days	Wed 14/2/18 Wed 28/3/18	Tue 27/3/18 Wed 4/4/18		1 1 1	l.		1 I I	ļ.	1		1	1
624	Scissor platform	57 days	Sun 21/1/18	Sun 18/3/18	-		1			i i			1	
625	Installation	50 days	Sun 21/1/18	Sun 11/3/18							1		1	
626	T&C for scissor platform	7 days	Mon 12/3/18	Sun 18/3/18			1		I I	i i			1	
627	Lift (by Nominated Subcontractor)	700 days	Wed 13/4/16	Tue 13/3/18	8	! • •								<del> </del>
628	Nomination of lift subcontractor	1 day	Wed 13/4/16	Wed 13/4/16		13/4 13/4				i i			1	
629	Drawing Submisssion and Approval (details refer to submission schedule)	46 days	Sun 2/10/16	Wed 16/11/16	6			2/10	16/11	L L			1	1
630 631	Manufacturing & Shipment Equipment & Material Submisssion and Approval	181 days 60 days	Sat 1/4/17 Sun 29/1/17	Thu 28/9/17 Wed 29/3/17					 	l I	1	1/4		+
632	(details refer to submission schedule) Handover of lift shafts and machine rooms to NSC	00 4433	3412/111	1164 2 // 3/ 1/	() i i i i i i i i i i i i i i i i i i i			1	1	29/1 🔯	1	29/3	1	1
633		0 davs	Wed 7/2/18	Wed 7/2/18	8					29/1				
	Installation, T&C (Details subject to NSC's programme)	0 days 30 days	Wed 7/2/18 Wed 7/2/18	Wed 7/2/18 Thu 8/3/18	8				I I I I I I I I I I I I I I I I I I	29/1 📷	           			
634	programme) Submission of Form 5	30 days 0 days	Wed 7/2/18 Wed 28/2/18	Thu 8/3/18 Wed 28/2/18	8					29/1 📷	             			
635	programme) Submission of Form 5 EMSD Inspection	30 days 0 days 0 days	Wed 7/2/18 Wed 28/2/18 Tue 13/3/18	Thu 8/3/18 Wed 28/2/18 Tue 13/3/18	8					29/1				
635 636	programme) Submission of Form 5 EMSD Inspection Obtain lift certificate	30 days 0 days 0 days 14 days	Wed 7/2/18 Wed 28/2/18 Tue 13/3/18 Wed 28/2/18	Thu 8/3/18 Wed 28/2/18 Tue 13/3/18 Tue 13/3/18	8				1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1	29/1 📷				
635 636 637	programme) Submission of Form 5 EMSD Inspection Obtain IIIt certificate Lift certificate Obtained (L3, Fireman's Lift)	30 days 0 days 0 days 14 days 14 days	Wed 7/2/18 Wed 28/2/18 Tue 13/3/18 Wed 28/2/18 Wed 28/2/18	Thu 8/3/18 Wed 28/2/18 Tue 13/3/18 Tue 13/3/18 Tue 13/3/18	8					29/1 📷				
635 636 637 638	programme) Submission of Form 5 EMSD Inspection Obtain lift certificate Lift certificate Obtained (L3, Fireman's Lift) Lift certificate Obtained (L4, Fireman's Lift)	30 days 0 days 0 days 14 days 14 days 14 days	Wed 7/2/18 Wed 28/2/18 Tue 13/3/18 Wed 28/2/18 Wed 28/2/18 Wed 28/2/18	Thu 8/3/18 Wed 28/2/18 Tue 13/3/18 Tue 13/3/18 Tue 13/3/18 Tue 13/3/18					1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1	29/1				
635 636 637	programme) Submission of Form 5 EMSD Inspection Obtain lift certificate Lift certificate Obtained (L3, Fireman's Lift) Lift certificate Obtained (L4, Fireman's Lift) Lift certificate Obtained (L6, Fireman's Lift)	30 days 0 days 0 days 14 days 14 days 14 days 14 days 14 days	Wed 7/2/18 Wed 28/2/18 Tue 13/3/18 Wed 28/2/18 Wed 28/2/18 Wed 28/2/18 Wed 28/2/18	Thu 8/3/18 Wed 28/2/18 Tue 13/3/18 Tue 13/3/18 Tue 13/3/18 Tue 13/3/18 Tue 13/3/18										
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635 636 637 638 639 640 641	programme) Submission of Form 5 EMSD Inspection Obtain lift certificate Lift certificate Obtained (L3, Fireman's Lift) Lift certificate Obtained (L4, Fireman's Lift) Lift certificate Obtained (L6, Fireman's Lift)	30 days 0 days 0 days 14 days 14 days 14 days 14 days 14 days 14 days 14 days	Wed 7/2/18 Wed 28/2/18 Tue 13/3/18 Wed 28/2/18 Wed 28/2/18 Wed 28/2/18 Wed 28/2/18	Thu 8/3/18 Wed 28/2/18 Tue 13/3/18 Tue 13/3/18 Tue 13/3/18 Tue 13/3/18 Tue 13/3/18						29/1 100                                     				7/8
635           636           637           638           639           640           641           642	programme) Submission of Form 5 EMSD Inspection Obtain lift certificate Lift certificate Obtained (L3, Fireman's Lift) Lift certificate Obtained (L4, Fireman's Lift) Lift certificate Obtained (L5, Fireman's Lift) Lift certificate Obtained (L1, L2)	30 days 0 days 0 days 14 days 14 days 14 days 14 days 14 days 14 days	Wed 7/2/18 Wed 28/2/18 Tue 13/3/18 Wed 28/2/18 Wed 28/2/18 Wed 28/2/18 Wed 28/2/18 Wed 28/2/18	Thu 8/3/18 Wed 28/2/18 Tue 13/3/18 Tue 13/3/18 Tue 13/3/18 Tue 13/3/18 Tue 13/3/18 Tue 13/3/18	8					29/1 100 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				7/8
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635         636           637         638           639         640           641         642           643         644           645         646	programme) Submission of Form 5 EMSD Inspection Obtain lift certificate Lift certificate Obtained (L3, Fireman's Lift) Lift certificate Obtained (L4, Fireman's Lift) Lift certificate Obtained (L4, Fireman's Lift) Lift certificate Obtained (L5, Fireman's Lift) Lift certificate Obtained (L1, L2) Beam Plus - FA Submission Beam Plus - IEQ 6, 7 and WUP1 FSD inspection (1st) FSD inspection (1st) FSD inspection (2nd)	30 days 0 days 14 days 14 days 14 days 14 days 14 days 14 days 14 days 120 days 7 days <b>23 days</b> 8 days 8 days	Wed 7/2/18 Wed 28/2/18 Tue 13/3/18 Wed 28/2/18 Wed 28/2/18 Wed 28/2/18 Wed 28/2/18 Wed 28/2/18 Wed 28/2/18 Mon 7/8/17 Sun 3/12/17 Mon 19/3/18 Mon 19/3/18 Tue 27/3/18	Thu 8/3/18 Wed 28/2/18 Tue 13/3/18 Tue 13/3/18 Tue 13/3/18 Tue 13/3/18 Tue 13/3/18 Tue 13/3/18 Tue 13/3/18 Mon 4/12/17 Sat 9/12/17 <b>Tue 10/4/18</b> Mon 26/3/18 Tue 3/4/18						29/1				7/8
635         636           637         638           639         640           641         642           643         644           645         646           647         647	programme) Submission of Form 5 EMSD Inspection Obtain lift certificate Lift certificate Obtained (L3, Fireman's Lift) Lift certificate Obtained (L4, Fireman's Lift) Lift certificate Obtained (L4, Fireman's Lift) Lift certificate Obtained (L5, Fireman's Lift) Lift certificate Obtained (L4, Fireman's Lift) Seam Plus - FA Submission Beam Plus - IEQ 6, 7 and WUP1 FSD inspection and Issuance of Certificate (After SCU Inspection (1st) FSD inspection (1st) FSD inspection (2nd) Obtained FS certificate	30 days 0 days 0 days 14 days 14 days 14 days 14 days 14 days 14 days 14 days 120 days 7 days <b>23 days</b> 8 days 8 days 7 days	Wed 7/2/18 Wed 28/2/18 Tue 13/3/18 Wed 28/2/18 Wed 28/2/18 Wed 28/2/18 Wed 28/2/18 Wed 28/2/18 Wed 28/2/18 Mon 7/8/17 Sun 3/12/17 Mon 19/3/18 Tue 27/3/18 Wed 4/4/18	Thu 8/3/18 Wed 28/2/18 Tue 13/3/18 Tue 13/3/18 Tue 13/3/18 Tue 13/3/18 Tue 13/3/18 Tue 13/3/18 Tue 13/3/18 Mon 4/12/17 <b>Tue 10/4/18</b> Mon 26/3/18 Tue 3/4/18 Tue 3/4/18						29/1				7/8
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635         636           637         638           639         640           641         642           643         644           645         646           647         648           649         9	programme) Submission of Form 5 EMSD Inspection Obtain IIIt certificate Lift certificate Obtained (L3, Fireman's Lift) Lift certificate Obtained (L4, Fireman's Lift) Lift certificate Obtained (L4, Fireman's Lift) Lift certificate Obtained (L5, Fireman's Lift) Lift certificate Obtained (L1, L2) Beam Plus - FA Submission Beam Plus - FA Submission Beam Plus - IEQ 6, 7 and WUP1 FSD inspection and Issuance of Certificate (After SCCU Inspection) FSD inspection (1st) FSD inspection (2nd) Obtained FS certificate Coordination & grant access to EMSD's contractor for installation of equipment	30 days 0 days 0 days 14 days 14 days 14 days 14 days 14 days 14 days 120 days 7 days 23 days 8 days 8 days 55 days 25 days 7 days	Wed 7/2/18 Wed 28/2/18 Tue 13/3/18 Wed 28/2/18 Wed 28/2/18 Wed 28/2/18 Wed 28/2/18 Wed 28/2/18 Wed 28/2/18 Mon 7/8/17 Sun 3/12/17 Mon 19/3/18 Tue 27/3/18 Wed 4/4/18 Thu 15/2/18	Thu 8/3/18 Wed 28/2/18 Tue 13/3/18 Tue 13/3/18 Tue 13/3/18 Tue 13/3/18 Tue 13/3/18 Tue 13/3/18 Tue 13/3/18 Mon 4/12/17 Sat 9/12/17 <b>Tue 10/4/18</b> Tue 3/4/18 Tue 10/4/18 Tue 10/4/18						29/1				7/8 (
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Project: SSD505 - Master Con Date: Tue 19/12/17 Task Milestone 🔶 Summary

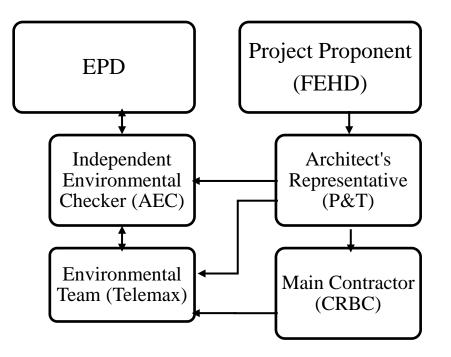


Revised Contract Completion Date 6/3/2017a.m.

#### **Telemax Environmental and Energy Management Limited** Tel.: (852) 3563 7003 Fax: (852) 3563 7018 www.telemaxeem.com



Appendix B Organization Chart





Tel.: (852) 3563 7003 Fax: (852) 3563 7018 www.telemaxeem.com



#### Hygiene Offices-cum-Vehicle Depot at Yen Ming Road, West Kowloon Reclamation Area Contract No.: SS D505 (Programme No. 182GK) Wang Yan Hua Deputy General Manager 23th October, 2017 Tel: 2283 1688 Fax: 2283 1689 Kwok Wai Chung William Project Director / AS Tel : 2283 1688 Fax: 2283 1689 Chung Wai Hoi Vincent Chung Wai Leung roject Manager / ASt Representive & T4 Procurement Manager Tel : 9020 8172 Tel: 9099 3682 Fax: 2334 4816 Fax: 2334 4816 Email : vincentchungwh@gmail.com Email : crbcsite@biznetvigator.com Office Support \* Poon Hing Cheong, Marky \* Fu Kwok Kwan Site Agent / T3 Site Engineer Tel : 9779 3814 Tel: 9211 6011 - Finance, Accounting and Legal Email : kkfu1101@gmail.com Email : markyfehd@gmail.com - Personnel - Quantity Surveying Safety and Environmental Mechanical Handling & \* Bemard Yau \* Yu W.H. Elliot Lifting Installation Project Engineer - Engineering Senior Project Coordinator Wong FK Hank Tel: 6390 7083 \* Graduate Engineer \* Graduate Engineer Tel: 6090 0693 Engineer Tel : 2807 4604 (Report duty on 18/08/2017 Chow Yun Kwai Yip Kwun Kit Tel : 5185 0553 Tel: 6186 3350 \* Building Services Environmental Tean \* Construction △ \* General Foreman 8 Site Quantity Surveyor \* Safety Officer \* Contractor's \* Surveyor for \* Environmental Camilla Cheng Co-ordinator Supervisor for setting out Works Leung Chi Keung / T 17 Lai Wing Hong William Officer Labour Officer Kung King Shing Stanley Tel: 3610 8713 Piling Works Raymond Lo Chan Ka Chi Gary Foreman for Concrete Work Tel: 6026 7936 Tel: 9017 8619 Luk Ka Cheong Ricky Cheung Ying Man Serena Tel: 5349 4240 Fan Tsz Yeung Tel: 5225 4933 Tel: 6482 4856 Tel: 9452 2052 Tel : 9584 7123 Email : raymond.lo.mcal@gmail.com \* Safety Supervisor Environmental Supervisor \* A Building Services Yip Fai Ho Technician Tse Ho Lam Andy \* Technician Subcontractor \* Technician \* Workers Tel : 9355 6997 Co-ordinator \* Resident on Site \* Supervisor Tel: 9428 0681 / Supplier Apprentice Apprentice Apprentice Lee Kenny how Cheuk Ke Qin Ji Pang Hong Yin Tel : 5403 6636 Tel: 5139 1239 Derek Tel: 9786 1914 Tel : 6431 8298 $^{\Delta}$ : Leung Chi Keung is proposed to be Emergency Generator Electrical & ELV. Installation MVAC Services Installation Fire Services Installation Plumbing Installation LVSB Installation Lift Installation Installation Kenneth Leung Michael Siu 1) General Foreman Project Engineer Ricky Cheung Edward So Mr. HK Tsang Project Engineer Project Manager Project Manager Project Manager Manager T1 and Mr. Howard Ho Project Engineer Mr. Ashley Leung Tel : 6191 7715 Tel : 6098 0845 Tel: 6293 1971 Tel: 9230 9270 3) Foreman for Concrete Work Tel: 9431 6573 Tel: 6508 1833 Tel: 9711 7655 kennethleung@scee.com.hl rickycheung@scee.com.hk edwardso@scee.com.hk nichaelsiu@scee.com.hi

**Reprovisioning of FEHD Sai Yee Street Environmental** 



Tel.: (852) 3563 7003 Fax: (852) 3563 7018 www.telemaxeem.com



## Appendix C Implementation Schedule of Environmental Mitigation Measures (EMIS)

### Air Quality – Schedule of Recommended Mitigation Measures

		<b>T</b> (1		Implementa	tion Status	
	Environmental Protection Measures	Location	Implemented	Partially Implemented	Not Implemented	Not Applicable
Air	Quality (Construction)					
•	Use of regular watering, to reduce dust emissions from exposed site surfaces and unpaved roads, particularly during dry weather;	All areas	√			
•	Use of frequent watering for particularly dusty construction areas close to ASRs	All areas	✓			
•	Side enclosure and covering of any practicable owing to frequent usage, watering should be applied to aggregate fines;	All areas	✓			
•	Open temporary stockpiles should be avoided or covered. Prevent placing dusty material storage piles near ASRs;	All areas	~			
•	Tarpaulin covering of all dust vehicle loads transported to, from and between site locations;	All areas				$\checkmark$
•	Establishment and use of vehicle wheel and body washing facilities at the exit points of the site;	All areas	✓			
•	Imposition of speed controls for vehicle son unpaved site roads. 8 km/hr is the recommended limit;	All areas	✓			
•	Routing of vehicles and positioning of construction plant should be at the maximum possible distance from ASRs;	All areas	✓			
•	Every stock of more than 20 bags of cement or dry pulverized fuel ash (PFA), if applicable, should be covered entirely buy impervious sheeting or placed in an area sheltered on the top and the 3-sides; and	All areas	√			
•	Loading, unloading, transfer, handling or storage of large amount of cement or dry PFA should be carried out in a totally enclosed system or facility, and nay vent or exhaust should be fitted with the an effective fabric filter or equivalent air pollution control system.	All areas				√
•	3-sides enclosed washing bays and maintenance workshops, served with mechanical ventilations to maintain all the time with proper negative air pressure.	Washing bays & maintenance workshops				✓
•	Deodorization system such as active carbon filters or chemical scrubber (or equivalent) will be applied at the ventilation duct prior to discharging to the atmosphere, having odor removal efficiency of 85% or above at normal operation, and under regular and proper maintenance and replacement.	Washing bays & maintenance workshops				✓
•	Commissioning test requirement should be incorporated in the specification during commissioning period order to ensure the odor removal efficiency (at least 85%) of the proposed odor removal unit.	Washing bays & maintenance workshops				✓
•	Monitoring test on odor removal efficiency of the odor removal unit should be carried out quarterly in the first year of operation. Development of monitoring and investigation plan, as well as work procedure, prior to operation of the unit is recommended.	Washing bays & maintenance workshops				✓





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# Noise – Schedule of Recommended Mitigation Measures

		<b>-</b> ,.		Implementa	tion Status	
	Environmental Protection Measures	Location	Implemented	Partially Implemented	Not Implemented	Not Applicable
•	Carefully arrange the timing and sequencing of the various construction activities according to the actual site work situation;	All areas	~			
•	Limit the quantity of PME to be operated concurrently and their proportion of usage were recommended in the Project and incorporated in the Noise Impact Assessment;	All areas	~			
•	The proposed quantity of PMEs and their proportion of usage should be confirmed feasible by the Engineer;	All areas	✓			
•	In the case during school examination, more stringent construction noise criteria should be imposed, the potentially most disruptive construction activities should be avoided, and arranged to be conducted during school holidays as far as practicable.	All areas	~			
•	The use of Sound Power Levels (SWLs) for typical PME provided in the GWTM and that for equivalent "quiet" plants: Loader, wheeled (Back-hoe)Excavator, Tracked Generator Mobile Crane	All areas	√			
•	<ul> <li>The use of temporary noise barriers if applicable:</li> <li>Movable barriers with skid footing and a small cantilevered upper portion</li> <li>Noise jacket/muffler</li> <li>Applicable PME with temporary noise barriers: excavator and mobile crane</li> <li>Selection of insulation material: acoustic mats</li> </ul>	All areas	4			
•	<ul> <li>The use of temporary noise barriers if applicable</li> <li>Movable barriers with skid footing and a small cantilevered upper portion</li> <li>Noise jacket/muffler</li> <li>Applicable PME with temporary noise barriers: excavator and mobile crane</li> <li>Selection of insulation material: acoustic mats</li> </ul>	All areas	1			
•	Only well-maintained plant should be operated on-site and plants should be operated on-site and plants should be serviced regularly during the construction period;	All areas	~			
•	Mobile plant, if any, should be sited as gar from NSRs as possible;	All areas	✓			
•	Plant known to emit noise strongly in one direction should, wherever possible, be properly oriented so that the noise is directed away from the nearby NSRs;	All areas	~			
•	Use of site hoarding as a noise barrier to screen noise at low level NSRs;	All areas	✓			
•	Machines and plant that may be in intermittent use should be shut down between works periods or should be throttled down to a minimum;	All areas	~			
•	Any material stockpiles and other structures should be effectively utilised, wherever practicable, to screen the noise from on-site construction activities	All areas	~			
•	The Workshop Vehicle Repair Activities should be carried out under the covered area of the Transport Workshop Section on the G/F as the building of FEHD Depot itself provides screening effect to the NSRs	Transport Workshop Section				✓
•	The workshop vehicle repair activities should not be carried out during night-time period	Transport Workshop Section				√
•	Acoustic treatment, such as acoustic louvres, silencers, enclosures could be applied to achieve noise attenuation on the use of MVAC and other Building Service Equipment so that the SWL of the equipment shall not exceed the specified "maximum allowable SWL" in various plant rooms.	Transport Workshop Section				✓





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# Water Quality – Schedule of Recommended Mitigation Measures

		<b>.</b>		Implementa	tion Status	
	Environmental Protection Measures	Location	Implemented	Partially Implemented	Not Implemented	Not Applicable
Wat	er Quality and Sewerage					
•	At the establishment of works site, perimeter cut-off drains to direct offsite water around the Site should be constructed with internal drainage works and erosion and sedimentation control facilities implemented. Channels) both temporary and permanent drainage pipes and culverts), earth bunds or sand bag barriers should be provided to divert the stormwater to silt removal facilities. The design of the temporary on-site drainage system will be undertaken by the Contractor prior to the commencement of construction;	All areas	~			
•	Dikes or embankments for flood protection should be implemented around the boundaries of earthworks areas. Temporary ditches should be provided to facilitate the run-off discharge into an appropriate watercourse, through a silt / sediment trap. Silt / sediment traps should also be incorporated in the permanent drainage channels to enhance deposition rates;	All areas	1			
•	The design of efficient silt removal facilities should be based on the guidelines in Appendix A1 of ProPECC PN 1/94, which states that the retention time for silt / sand traps should be 5 minutes under maximum flow conditions. The sizes may vary depending upon the flow rate, but for a flow rate of $0.1\text{m}^3$ /s, a sedimentation basin of $30\text{m}^3$ would be required and for a flow rate of $0.5\text{m}^3$ /s the basin would be $150\text{m}^3$ . The detailed design of the sand / silt traps should be undertaken by the Contractor prior to the commencement of construction;	All areas				✓
•	The construction works should be programmed to minimize surface excavation works during rainy seasons (April to September), as soon as possible after the earthworks have been completed, or alternatively, within 14 days of the cessation of earthworks where practicable. If excavation of soil cannot be avoided during the rainy season, or at any time of year when rainstorms are likely, exposed slope surfaces should be covered by tarpaulin or other means;	All areas	~			
•	The overall slope of works sites should be kept to a minimum to reduce the erosive potential of surface water flows, and all trafficked areas and access roads should be protected by coarse stone ballast. An additional advantage accruing from the use of crushed stone is the positive traction gained during the prolonged periods of inclement weather and the reduction of surface sheet flows;	All areas	~			
•	All drainage facilities and erosion and sediment control structures should be regularly inspected and maintained to ensure their proper and efficient operation at all times particularly following rainstorms. Deposited silts and grits should be removed regularly and disposed of by spreading evenly over stable, vegetated areas;	All areas	~			
•	Measures should be taken to minimize the ingress of site drainage into excavations. If the excavation of trenches in wet season is inevitable, they should be dug and backfilled in short sections wherever practicable. The water pumped out from trenches or foundation excavations should be discharged into storm drains via silt removal facilities;	All areas	1			
•	All open stockpiles of construction materials (for example, aggregates, sand and fill material should be covered with tarpaulin or similar fabric during rainstorms. Measures should be taken to prevent the washing away of construction materials, soil, silts or debris into any drainage system;	All areas	1			
•	Manholes (including newly constructed ones) should always be adequately covered and temporarily sealed so as to prevent silt, construction materials or debris being washed into the drainage system and storm run-off being directed into foul sewers;	All areas	1			
•	Precautions to be taken at any time of the year when rainstorms are likely actions to be taken when a rainstorm is imminent or forecasted and during or after rainstorms, are summarized in Appendix A2 of ProPECC PN 1/94. Particular attention should be paid to the control of silty surface run-off during storm events;	All areas	√			
•	All vehicles and plant should be cleaned before leaving the Site to ensure no earth, mud, debris and the like is	All areas	√			

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	deposited by them on roads.			
•	Oil interceptors should be provided in the drainage system downstream of any oil / fuel pollution sources. Oil interceptors should be emptied and cleaned regularly to percent the release of oil and grease into the storm water drainage system after accidental spillage. A bypass should be provided for oil interceptors to prevent flushing during heavy rain;	All areas	✓	
•	Oil interceptors should be provided in the drainage system downstream of any oil / fuel pollution sources. Oil interceptors should be emptied and cleaned regularly to percent the release of oil and grease into the storm water drainage system after accidental spillage. A bypass should be provided for oil interceptors to prevent flushing during heavy rain;	All areas	*	
•	All fuel tanks and storage areas should be provided with locks and sited on sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank to percent spilled fuel oils from reaching the nearby WSRs.	All areas	*	
•	Application to the EPD for a discharge licence for discharge of effluent from the construction site under the WPCO. The discharge quality must meet the requirements specified in the discharge license.	All areas	✓	
•	All the run-off and wastewater generated from the works areas should be treated so that it satisfies all the standards listed in the Technical Memorandum.	All areas	✓	
•	Minimum distance of 100m should be maintained between the discharge points of construction site effluent and the existing seawater intakes.	All areas	✓	
	No new effluent discharges in nearby typhoon shelters should be allowed.	All areas	✓	
•	The beneficial uses of the treated effluent for other on-site activities such as dust suppression, wheel washing and general cleaning etc., would minimise water consumption and reduce the effluent discharge volume.	All areas	✓	
•	Portable chemical toilets and sewage holding tanks are recommended for the handling of the construction sewage generated by the workforce. A licensed contractor should be employed to provide appropriate and adequate portable toilets and be responsible for appropriate disposal and maintenance.	All areas	1	
•	Any maintenance facilities should be located on hard standings within a bunded area, and sumps and oil interceptors should be provided. Maintenance of vehicles and equipment involving activities with potential for leakage and spillage should only be undertaken within the areas appropriately equipped to control these discharges.	All areas	~	
)	All sewage arising from the Project should be collected and diverted to the public sewerage system via proper	The		
	connections to minimise water quality impact from the operation of the Project and ensure compliance with Technical Memorandum on Standards for Effluents Discharged into Drainage and Sewerage Systems, Inland and Coastal Water under the WPCO.			✓
•	To prevent the potential contaminated wastewater from entering the existing public sewerage systems, run-offs from the covered areas including the vehicle washing bays and vehicle parking space will be properly treated prior to the discharge into the sewerage system. The treated effluent for discharging into the public sewerage system should comply with the effluent standards as stated in the Technical Memorandum on Standards for Effluents Discharged into Drainage and Sewerage Systems, Inland and Coastal Waters under the WPCO.	The Office-cum- Vehicle Depot		✓
•	There is a need to apply to the EPD for a discharge licence for discharge of the operational effluent from the Project under the WPCO. The discharge quality must meet the requirements specified in the discharge licence.	The Office-cum- Vehicle Depot		✓



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# Waste – Schedule of Recommended Mitigation Measures

		<b>.</b>		Implementa	tion Status	
	Environmental Protection Measures	Location	Implemented	Partially Implemented	Not Implemented	Not Applicable
Was	te Management and Land Contamination					
•	The requirements as stipulated in the ETWB TC(W) No. 19/2005 "Environmental Management on Construction Sites" and the other relevant guidelines should be included in the Particular Specification for the Contractor as appropriate. Contractor should be required to implement the recommended waste management measures through establishing a Waste Management Plan (WMP) in accordance with the ETWB TC(W) No.19/2005 so as to provide an overall framework of waste management and reduction. The WMP should be submitted to the Project/Site Engineer prior to the construction commencement of the Project for approval and include the followings: Waste management policy; Record of generated waste; Waste reduction target; Waste reduction target; Role and responsibility of waste management team; Benefit of waste management; Analysis of waste materials; Reuse, recycling and disposal plans; Transportation process of waste products; and Monitoring and action plan. The waste management hierarchy below should be strictly followed. This hierarchy should be adopted to evaluate the waste management options in order to maximise the extent of waste reduction and cost reduction. The records of quantities of waste generated, recycled and disposed (location) should be properly documented	All areas	1			
•	Standard formwork or pre-fabrication should be used as far as practicable so as to minimise the C&D Materials arising. The use of more durable formwork or plastic facing for construction works should also be considered. The use of wooden hoardings should be avoided and metal hoarding should be used to facilitate recycling. Purchasing of construction materials should be carefully planned in order to avoid over-ordering and wastage. The Contractor should recycle as many C&D materials as possible on-site. The public fill and C&D waste should be segregated and stored in separate containers or skips to facilitate the reuse or recycling of materials and proper disposal. Where practicable, the concrete and masonry should be crushed and used as fill materials. Steel reinforcement bar should be collected for use by scrap steel mills. Different areas of the sites should be considered for segregation and storage activities.	All areas	4			
•	A recording system for the amount of waste generated, recycled and disposed (locations) should be established. The future Contractor should also provide proper training to workers regarding the appropriate concepts of site cleanliness and waste management procedures, e.g. waste reduction, reuse and recycling all the time.		~			
•	All waste containers shall be in a secure area on hardstanding.	All areas	✓			
•	Training of site personnel in, site cleanliness, proper waste management and chemical handling procedures.	All areas	√			
•	Provision of sufficient waste disposal points and regular collection of waste.	All areas	√			
•	Appropriate of sufficient waste disposal points and regular collection of waste by either covering trucks or by transporting wastes in enclosed containers.	All areas	~			
•	Regular cleaning and maintenance programme for drainage systems, sumps and oil interceptors.	All areas	✓			
•	Separation of chemical wastes for special handling and appropriate treatment.	All areas	✓			
•	The site and surroundings shall be kept tidy and litter free.	All areas	√			

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	No waste shall be burnt on-site	All areas	✓		
	Make provisions in contract documents to allow and promote the use of recycled aggregates where appropriate.	All areas	√		
	Wheel washing facilities shall be used by all trucks leaving the site to prevent transfer of mud onto public roads.	All areas	√		
	Sorting of demolition debris and excavated materials from demolition works to recover reusable/recyclable		✓		
	portions (i.e. soil, broken concrete, metal etc.).	All areas	v		
	Segregation and storage of different types of waste in different containers, skips or stockpiles to enhance reuse	A 11	✓		
	or recycling of materials and their proper disposal.	All areas	v		
)	Encourage collection of aluminum cans by providing separate labeled buns to enable this waste to be segregated	A 11	✓		
	from other general refuse generated by the workforce.	All areas	v		
•	Proper storage and site practices to minimize the potential for damage or contamination of construction	A 11	~		
	materials.	All areas	v		
•	Plan and stock construction materials carefully to minimize amount of waste generated and avoid unnecessary	All areas	✓		
	generation of waste.	All areas	v		
•	Waste haulier must hold a valid permit for the collection of waste as stipulated in their permits, Removal of	A 11	✓		
	waste should be done in a timely manner.	All areas	v		
)	Register as a Chemical Waste Producers to the EPD	All areas	√		
)	Suitable for the substance to be held, resistant to corrosion, maintained in good conditions and securely closed;	All areas	√		
)	Having a capacity of <450L unless the specifications have been approved by the EPD;	All areas	√		
•	Displaying a label in English and Chinese according to the instructions prescribed in Schedule 2 of the	A 11	✓		
	Regulations;	All areas	v		
)	Clearly labelled and used solely for the storage of chemical wastes;	All areas	√		
•	Enclosed with at least 3 sides;	All areas	✓		
•	Impermeable floor and bund with capacity to accommodate 110% of the volume of the largest container of 20%	All areas	✓		
	by volume of the chemical waste stored in the area, whichever is greatest;	All areas	v		
•	Adequate ventilation;	All areas	✓		
•	Sufficiently covered to prevent rainfall entering (water collected within the bund must be tested and disposed of	All areas	✓		
	as chemical waste, if necessary);	All areas	v		
•	Incompatible materials are adequately separated.	All areas	√		
)	Adequate numbers of portable toilet should be provide for on-site workers. Portable toilets should be maintained				
	in reasonable states, which will not deter the workers from utilizing them. Night soil should be regularly	All areas	✓		
	collected by licensed collectors.				
		The			1
•	The requirements stipulated in the Code of Practice on the Packaging. Labelling and Storage of Chemical				v
	Wastes should be followed in handling of chemical waste as in construction phase.	Vehicle			
		Depot			
,	A trip-ticket system should be operated in accordance with the Waste Disposal (Chemical Waste) (General)	The			1
	Regulation to monitor all movements of chemical wastes which would be collected by a licensed collector to a	Office-cum-			•
	licensed facility for final treatment and disposal.	venicie			
	neensed neunty for final reaction and disposal.	Depot		 	
		The			
•	The recommendations proposed for the mitigation of impacts from chemical waste in construction phase should				$\checkmark$
	also be followed.	Vehicle			
		Depot			



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	The	
• Provide recycling bins at designated areas for proper recycling of papers, aluminum cans and plastics bottles	Office-cum-	v
riovide recycling ons at designated areas for proper recycling of papers, autimutin cans and plastics obtics	Vehicle	
	Depot	
	The	1
• Separation from other waste types and collected by licensed collectors at daily basis to minimize the potentia		Ŷ
impacts from odour and vermin.	Vehicle	
	Depot	
	The	✓
Storage of Chemicals and Chemical Wastes	Office-cum-	¥
Storage of Chemical wastes	Vehicle	
	Depot	
	The	
	Office-cum-	$\checkmark$
Emergency Procedures	Vehicle	
	Depot	
	The	
	Office-cum-	$\checkmark$
Spillage/leakage of Liquid Chemical/Waste at Storage Area	Vehicle	
	Depot	
	The	
• Seiller der leise et Dersteine en d'Meintennen Anne-	Office-cum-	$\checkmark$
Spillage/Leakage at Repairing and Maintenance Areas	Vehicle	
	Depot	
	The	
• Decend of Incidents	Office-cum-	$\checkmark$
Record of Incidents	Vehicle	
	Depot	
	The	
	Office-cum-	$\checkmark$
Procedures for Disposal of Wastes	Vehicle	
	Depot	



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	Environmental Protection Measures		Implementation Status				
	Environmental Protection Measures	Location	Implemented	Partially Implemented	Not Implemented	Not Applicable	
L	andscape and Visual						
•	Cautiously arrangement of the operation or placement of the construction plant and machinery, and the transportation or storage of material to reduce and confined the potential adverse impacts in certain areas in the Site		1				
•	Minimise the height of temporary structures such as hoardings and site offices, and restore the temporary construction site locally to the existing condition in order to minimise any negative impacts and associated uncomfortable views.	All areas	*				
•	Check the site boundaries regularly to ensure the working area does not exceed and causes further damage to the surrounding area.	All areas	1				
•	In case of nighttime construction is conducted, control of nighttime lighting on the works areas to prevent undesired light pollution to the surrounding area, such as viewers from roads, should be implemented.	All areas				$\checkmark$	
•	Provision of temporary landscape treatment during construction phase, such as temporary planting around the site office, applying aesthetic treatments on site hoardings and/or façade of site office	All areas	✓				
•	Provision of green roof of site office	All areas	✓				
•	Erection of fencing around the trees	All areas	✓				
٠	Avoidance of placing any construction materials close to the trees	All areas	$\checkmark$				
٠	Apply mulching beyond root collar	All areas	$\checkmark$				
٠	Conduct visual checking/monitoring in regular basis	All areas	√				
•	Proper arrangement of materials for operational activities, including vehicle repair, maintenance, operation and parking, carried out within the office-cumvehicle depot building.	All areas				$\checkmark$	





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### **Retain Tree Survey**



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CALIBRATION CERTIFICATE

证书编号

Certificate Number

L17AA017030003

委 托 单 位 Client	上峰检测认证有限公司			
地 址 Address	香港荃湾海盛路3号TML广场10楼	D6A室		
器 具 名 称 Description	声级计/Sound Level Meters			
器 具 用 途 Usage	/			
规格型号 Model/Type	AWA5661			
制 造 单 位 Manufacturer	杭州爱华仪器有限公司			
器 具 编 号 Serial No.	304042			
结 论 Conclusion	见校准结果/Calibration			
	Щ	批 准 人 Approved by	邵波沉	ノ 都油沉
	(证书专用章) 前 技 大	核验员 Checked by	邵法沉	ノ 郡油沉

委托日期 201 Received Date 校准日期

2017 Calibration Year Month 计量校准机构备案号(Register No.):[2013]霉量校5007号

地址:广东省深圳市福田区车公庙泰然四路劲松大厦9A、1B、105A

Add: 9A-1B-105A, Jingsong Building, Tairan 4th Road, Chegongmiao, Futian District, Shenzhen, Guangdong, China 电话(Tel):0755-83890620 83890591 传真(Fax):0755-83890704 創政编码(Post Code):518040 网址(Web):http://www.szcatci.com 电子邮箱 (E-mail): market@szcatci.com

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C	深圳中航技术检测所		
中航工业	中国航空工业深圳特区计量测试站 国防科技工业第一计量测试研究中心深圳计量检测站	证书编号:	L17AA017030003

## 校准说明

**Directions of Calibration** 

1本所(站)是国家法定计量检定机构,其管理体系按照JJF 1069-2012法定计量机构考核规范、ISO/IEC17025:2005和CNAS相关要求运行。

The institute/station is the Service of Legal Metrological Verification. It has implemented management system in accordance with JJF 1069-2012 Rules for the Examination of the Service of Legal Metrological Verification, ISO/IEC 17025:2005 and CNAS related requirements.

2.本次校准结果仅对被测件有效,所出具的数据均可溯源到国家或国际计量基准。

The results relate only to the items specified. All data issued by the certificate are traceable to the national or international primary standards of measurement.

3.未经本所(站)许可,不得部分复印此证书内容。

The certificate shall not be partly copied without the written approval of the institute/station.

4.参照技术依据 ( Reference documents for the calibration ) :

参照JJG 188-2002《声级计检定规程》《V.R.of Sound Level Meters》

5.校准地点及环境条件(Place and environmental conditions of the calibration ):

地点(Place)	温度(Temperature)	相对湿度(Relative Humidity)
本所振动声学室	22.0 °C	60 %
6 大次均准确体用的主要注意提供推荐常信自(Major stan	dand douicos usod in the solibre	tion) :

6.本次校准所使用的主要计量标准装置信息(Major standard devices used in the calibration ):

计量标准名称 Description	测量范围 Range	不确定度或最大允差 或准确度等级 Uncertainty of Measurement or Maximum Permissible Errors	证书编号 Certificate No.	有效期 Due Date

7.本次校准所使用的主要计量标准器具信息(Major standards of measurement used in the calibration):

器具名称 Description	编号/型号 Serial No./Model	不确定度或最大允差 或准确度等级 Uncertainty of Measurement or Maximum Permissible Errors	证书编号 Certificate No.	有效期 Due Date
可变阻抗衰减器	2300060/984A	U=0.22dB ( k=2)	WX17000302209	2018.03.30
函数信号发生器	US34020710/33120A	频幅特性:0.20dB,频率:U <sub>rel</sub> =1E- 7( <i>k</i> =2)	WWS201700237	2018.04.04
测量放大器	089867/AWA5810D	$\pm$ 0.2 dB ; $\pm$ 0.5 dB	SSD201700243	2018.01.09
标准传声器	2172118/4190	U=0.3 dB ( k=2)	SSD201606162	2017.10.13
声校准器	2292007/4231	1级	SSD201606161	2017.10.13
猝发音信号发生 器	123249/AWA5551	MPE:频率:±0.1%,失真:≤1%, 衰减: <i>U</i> =0.2dB( <i>k</i> =2)	D17AA00136000 8	2018.05.08

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证书编号:L17AA017030003

# 校准结果

### **Result of Calibration**

1、外观及功能正常性检查/Appearance and function check:正常/Pass。

2、声级计指示声级/Level Calibration:

校准前示值/Indication before Calibrated: 94.0dB

校准后示值/Indication After Adjusted : 94.0dB

3、频率计权/Frequency weightings:

标称频率	允许下限	A计权	允许上限
Nominal frequency	Lower Limit	A-weighting	Upper Limit
(Hz)	(dB)	(dB)	(dB)
31.5	-42.9	-39.2	-35.9
63	-28.7	-25.3	-23.7
125	-18.1	-16.6	-14.1
250	-10.5	-8.9	-6.7
500	-5.1	-3.7	-1.3
1000 (ref.)	-1.4	0.0	+1.4
2000	-1.4	+1.5	+3.8
4000	-2.5	+2.1	+4.6

标称频率	允许下限	C计权	允许上限
Nominal frequency	Lower Limit	C-weighting	Upper Limit
(Hz)	(dB)	(dB)	(dB)
31.5	-6.5	-0.5	+0.5
63	-3.3	-0.3	+1.7
125	-2.2	-0.2	+1.8
250	-1.9	-0.1	+1.9
500	-1.9	-0.1	+1.9
1000 (ref.)	-1.4	0.0	+1.4
2000	-2.8	+0.3	+2.4
4000	-4.4	+0.5	+2.8

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4、级线性(参考频率 1kHz)/Level linearity error(Reference frequency 1kHz) :

4.1、级程变化误差(参考频率:1000Hz): A计权/A-weighting

Level Change Error (Reference frequency:1000Hz)

标称值	允许下限	误差	允许上限
Nominal Value	Lower Limit	Error	Upper Limit
(dB)	(dB)	(dB)	(dB)
30	-1.0	+0.3	+1.0
40	-1.0	+0.4	+1.0
50	-1.0	+0.3	+1.0
60	-1.0	+0.5	+1.0
70	-1.0	+0.2	+1.0
80	-1.0	+0.3	+1.0
90 (ref.)		0.0	
100	-1.0	+0.4	+1.0
110	-1.0	+0.3	+1.0
120	-1.0	+0.1	+1.0

5、本机噪声/Residual noise :

A计权/A-weighting: 29.2 dB;

Δ6、单个猝发音响应(A计权)/Tone burst response (A-weighting)

猝发	猝发音响应(dB)/Tone burst response(dB)							
L <sub>AFmax</sub> -L <sub>A</sub>	允许范围 /Conclusion	L <sub>ASmax</sub> -L <sub>A</sub>	允许范围 /Conclusion					
-0.4	+0.7~-0.9	-4.0	-3.3 ~ -4.9					
-0.8	-0.2~-1.8	-7.0	-6.6~-8.2					
-4.1	-3.5 ~ -6.1	-12.5	-11.8 ~ -14.4					
-10.3	-9.8~-12.4	-20.3	-18.7 ~ -22.3					
	L <sub>AFmax</sub> -L <sub>A</sub> -0.4 -0.8 -4.1	L <sub>AFmax</sub> -L <sub>A</sub> -0.4 -0.8 -0.2~-1.8 -4.1 -3.5~-6.1	L <sub>AFmax</sub> -L <sub>A</sub> -0.4 +0.7~-0.9 -0.8 -0.2~-1.8 -7.0 -4.1 -3.5~-6.1 -12.5					

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_	中日	3	航	空	т	亚	深	圳	特	X	计	量	测	试	站
中航工业	回防	(科)	技コ	드게톤	第-10	-11:	量源	明试表	开究	中/	い洞	圳比	134	检测	則站古

证书编号:L17AA017030003

#### Δ7、重复猝发音响应 (A计权) /Response to repeated Toneburst (A-weighting)

单个猝发音持续时间 (ms) /Single tone	相邻单个猝发音持续时间(ms)	猝发音响应(dB)/Tone burst response(dB)			
burst Last time ( ms )	/Adjacent single tone burst last time ( ms )	L <sub>AEqT</sub> -L <sub>A</sub>	允许范围 /Conclusion		
500	2000	-7.0	-6.2~-7.8		
200	800	-7.0	-6.2~-7.8		
50	200	-6.9	-5.7 ~ -8.3		
10	40	-6.8	-5.7~-8.3		

附注: ◇关于测量结果不确定度的说明/Directions of uncertainty in the calibration :

1.依据文件/According to: JJF1059.1-2012测量不确定度评定与表示

JJF1059.1-2012 Evaluation and Expression of Uncertainty in Measurement ;

2.本次测量结果的扩展不确定度/Expanded uncertainty of measured results: U = 0.4dB ~ 1.0dB (k=2)

◇ 技术要求参照JJG 188-2002/MPE according to JJG 188-2002;

△ 参考IEC61672-1-2002标准/Reference standard:IEC61672-1-2002;

带"Δ"项目表示未获得CNAS认可/"Δ" expressed unattained CNAS accept

◇ 建议下次送校日期/Due to date : 2018-07-20

以下空白/End of data

第5页共5页 Page 5 of 5

香港沙田火炭山尾街 18-24 號沙田商業中心 16 樓 9-10 室 Tel.: (852) 3563 7003 Fax.: (852) 3563 7018 網址: http://www.telemaxeem.com Unit 9-10, 16/F, Shatin Galleria, No. 18-24 Shan Mei Street, Fo Tan, N.T., Hong Kong





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6 中前		HENZH 中国 HENZHEN 国防和	航 METR 技コ	空工 (OLOGY 8 C业第·	.OGY . 业化 MEAS 一计	& MEASU 深 JII UREMENT ST 冒测试式在	大 检 IREMENT INSTI 特区计量 fATION OF CHINA A 开究中心深圳 JREMENT STAT	生 测 试 站 VIATION INDUSTRY It十量和金测站
	*	交		准		证	书	
			CAL	IBRATI	ON C		TE 书 编 号 cate Number	L17AA029920002
委托单位 Client	上峰检测认	证有限。	公司			Certin	cate Number	
地 址 Address	香港荃灣海	盛路3號	IMTS	廣塲10	樓D64	室	and the same	and the second
器 具 名 称 Description	声级计/Sou	ind Lev	el M	eters		(MP)POP	And the state	an an an an an an an an an an an an an a
器 具 用 途 Usage	1	aven et			5 10	Variation	a day out take	and the second second
规格型号 Model/Type	AWA5661		-	NUME !!	16 W	7	A Second Second	New Jackson
制造单位 Manufacturer	爱华			1 فمرد ب	W-13	a lua	ALL AND ALL AND	nen handele
器具编号 Serial No.	301143		1	1 more	M. A.		urand.	In the second second
结 论 Conclusion	见校准结果	/Calibra	ation	1.0000		n (Sh		Non-Longical St.
				nowa With		准 人 proved by	弱声法沉	] 百彩虫沪
1.00	证书专用章)					验员 ecked by	码湖沉	1
					校	准 员 brated by	843	罗成为
委托日期 Received Date 校准日期 Calibration	2017 2017	年 Year 年 Year	10 10	月 Month 月 Month	23 23	日 Day 日 Day		



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		校准说明		
	Dir	rections of Calibration		
1.本所(站)是国	家法定计量检定机构,其管理体	、系按照JJF 1069-2012法定计量机构考核	规范、ISO/IEC1702	25:2005和
accordance with	tion is the Service of Legal M	etrological Verification. It has implem Examination of the Service of Legal N	NAME OF TAXABLE PARTY OF TAXABLE PARTY.	
	对被测件有效,所出具的数据均		manufa ta tha nat	tional as
	e only to the items specified. mary standards of measurem	All data issued by the certificate are t ent.	raceable to the hal	uonai or
	许可,不得部分复印此证书内容			
		out the written approval of the institu	te/station.	
4.参照技术依据(	Reference documents for the	calibration ) :		
参展116 188-200	)2《声级计检定规程》《V.R.of	Sound Lovel Meters		
参照110 100-200	2 《 <b>户</b> 级[[1]型] [2] 《V.K.OI	sound Level Wietersy		
5.校准协点及环境	条件 ( Place and environment	al conditions of the calibration ) :		
地点 ( Place )	att ( ) are and entirement	温度 ( Temperature )	相对湿度 (Relati	ve Humidity
本所/Lab		22.0 °C		%
6.本次校准所使用	的主要计量标准装置信息(Majo	or standard devices used in the calibr	ation):	10
计量标准名称	测量范围	不确定度或最大允差 或准确度等级	证书编号	有效期
Description	Range	Uncertainty of Measurement or Maximum Permissible Errors	Certificate No.	Due Date
1000000		Moximum remissible Errors	BUT I IN	
7.本次校准所使用	約主要计量标准器且信息(Maid	or standards of measurement used in	the calibration ) :	An assess
	A	不确定度或最大允差		
器具名称	编号/型号	或准确度等级	证书编号	有效期
Description	Serial No./Model	Uncertainty of Measurement or Maximum Permissible Errors	Certificate No.	Due Date
可变阻抗衰减器	2300060/984A	U=0.22dB ( k=2)	WX17000302209	2018.03.3
	US34020710/33120A	频幅特性:0.20dB,频率:U <sub>rel</sub> =1E- 7(k=2)	WWS201700237	2018.04.04
函数信号发生器	089867/AWA5810D	± 0.2 dB ; ± 0.5 dB	SSD201700243	2018.01.0
函数信号发生器 测量放大器	A REAL PROPERTY AND A REAL	A REAL PROPERTY AND A REAL PROPERTY A REAL PRO	SSD201606162	2017.11.13
	2172118/4190	U=0.3 dB ( k=2)		
測量放大器	2172118/4190 2292007/4231	U=0.3 dB ( k=2) 1级	SSD201606161	2017.11.13



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A set of the set of th		ist sh	证书编号:L17AA02992000
	校》	准结果	
	Result o	f Calibration	
	and function	un chask · 正始/Dece	
1、外观及功能正常性检查/Appe		on check:正舟/Pass	and the second
2、声级计指示声级/Level Calibr			
校准前示值/Indication before C			
校准后示值/Indication After Ad			
3、 頻率计权/Frequency weight	the manufacture of	A1140	
标称频率	允许下限	A计权	允许上限
Nominal frequency	Lower Limit	A-weighting	Upper Limit
(Hz)	(dB)	(dB)	(dB)
31.5	-42.9	-39.5	-35.9
63	-28.7	-25.4	-23.7
125	-18.1	-16.3	-14.1
250	-10.5	-8.7	-6.7
500	-5.1	-3.5	-1.3
1000 (ref.)	-1.4	0.0	+1.4
2000	-1.4	+1.1	+3.8
4000	-2.5	+1.8	+4.6
标称频率	允许下限	C计权	允许上限
Nominal frequency	Lower Limit	C-weighting	Upper Limit
(Hz)	(dB)	(dB)	(dB)
31.5	-6.5	-3.8	+0.5
63	-3.3	-2.7	+1.7
125	-2.2	-1.5	+1.8
250	-1.9	-0.5	+1.9
500	-1.9	-0.3	+1.9
1000 (ref.)	-1.4	0.0	+1.4
2000	-2.8	+0.8	+2.4
4000	-4.4	+1.9	+2.8



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中抗工业



证书编号:L17AA029920002

4、级线性(参考频率 1kHz)/Level linearity error(Reference frequency 1kHz) :

4.1、级程变化误差 ( 参考频率: 1000Hz ): A计权/A-weighting

深圳中航技术检测所中国航空工业深圳特区计量测试站

Level Change Error (Reference frequency:1000Hz)

标称值	允许下限	误差	允许上限
Nominal Value	Lower Limit	Error	Upper Limit
(dB)	(dB)	(dB)	(dB)
40	-1.0	-0.3	+1.0
50	-1.0	-0.3	+1.0
60	-1.0	-0.2	+1.0
70	-1.0	+0.2	+1.0
80	-1.0	-0.1	+1.0
90 (ref.)		0.0	
100	-1.0	0.0	+1.0

5、本机噪声/Residual noise:

A计权/A-weighting: \_\_\_\_\_\_\_dB;

Δ6、单个猝发音响应 (A计权 ) /Tone burst response (A-weighting )

单个猝发音持续时间	猝发	猝发音响应 ( dB ) /Tone burst response ( dB )									
( ms ) /Single tone burst Last time ( ms )	L <sub>AFmax</sub> -L <sub>A</sub>	允许范围 /Conclusion	L <sub>ASmax</sub> ~L <sub>A</sub>	允许范围 /Conclusion							
500	-0.3	+0.7~-0.9	-3.7	-3.3~-4.9							
200	-0.6	-0.2 ~ -1.8	-7.5	-6.6 ~ -8.2							
50	-3.9	-3.5 ~ -6.1	-12.5	-11.8 ~ -14.4							
10	-10.6	-9.8 ~ -12.4	-20.9	-18.7 ~ -22.3							

Δ7、重复猝发音响应(A计权)/Response to repeated Toneburst (A-weighting)

Unit 9-10, 16/F, Shatin Galleria, No. 18-24 Shan Mei Street, Fo Tan, N.T., Hong Kong

	单个猝发音持续时间 (ms)/Sinale tone	相邻单个猝发音持续时间(ms)	猝发音响应(dB)/Tone burst response(dB)
Sec. State			第4页共5页 Page 4 of 5

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中秋工业	中国航空工业深圳特国防科技工业第一计量测试研究	区 计 量 测 试 站 四心深圳针最检测站	证书编号:L17	AA029920002
	burst Last time (ms )	acent single tone ourst last ( ms )	L <sub>AEqT</sub> -L <sub>A</sub>	允许范围 /Conclusio
	500	2000	-7.6	-6.2 ~ -7.8
	200	800	-7.5	-6.2 ~ -7.8
	50	200	-6.8	-5.7 ~ -8.3
	10	40	-6.5	-5.7 ~ -8.3
附注:	。关于测量结果不确定度的说	明/Directions of uncertainty	in the calibration :	
	1.依据文件/According to : J.	IF1059.1-2012测量不确定度语	P定与表示	
	JJF1059.1-2012 Evaluation a	and Expression of Uncertain	ty in Measurement ;	
	2.本次测量结果的扩展不确定( (k=2)	度/Expanded uncertainty of I	measured results: U=0.4	ldB ~ 1.0dB
	。技术要求参照JJG 188-2002	/MPE according to JJG 188-	2002 ;	
	∆。参考IEC61672-1-2002标》	佳/Reference standard:IEC61	672-1-2002 ;	
	带 "Δ"项目表示未获得CNASi	认可/*Δ* expressed unattaine	ed CNAS accept	
	。建议下次送校日期/Due to d	date : 2018-10-22		
		以下空白/End of data		
Ner Evil		San Martin - Martin -		







中航		HENZH コ 国 IENZHEN コ 防方不斗	航 METR 技工	ETROLO 空工 OLOGY &	DGY & MEASU 业 深 圳 MEASUREMENT ST 一 <del>计量</del> 测试石 OGY & MEASU	特区计量 TATION OF CHINA 开究中心深圳 JREMENT STA	ITUTE OF AVIC
	木	交		准	证	书	
			CALI	BRATIC		书编号	L17AA029920001
委托单位	上峰检测认	证有限	公司		Certifi	cate Number	
Client 地 址				底垣10#	#D6A室		1.01 <sup>2</sup>
地址 Address 器具名称 声校准器/Sound calibrator							in the second se
Description 器具用途	户(文)在图/Sound Calibrator						
Usage	/			16 miles and	Tunun	10 (in fee	the printer
规格型号 Model/Type	ND9	NID8.	1	ons <u>St</u>	- WILLING	Water of the	ality March
制造单位 Manufacturer	广州兰泰仪	器有限公	词				
器具编号 Serial No.	507258	weeks		n agant	and the	TANK PROPERTY	and the second of
结 论 Conclusion	见校准结果	/Calibra	ation	V. and		March 1	and and the
		awin b			批 准 人 Approved by	弱子法派	リ 一部油デ
(	证书专用章)				核验员 Checked by	弱子沐沉	リ部連防
					校 准 员 Calibrated by	243	罗成芳
委托日期	2017	年	10	月	23 日		
Received Date 校准日期	2017	Year 年	10	Month 月	Day 23 日	<b>B</b> AAAA	
Calibration		Year		Month	Day		



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		校准说明		
	Dir	ections of Calibration		
.本所(站)是国家 NAS相关要求运行		系按照JIF 1069-2012法定计量机构考核	规范. ISO/IEC1702	25:2005和
ccordance with		etrological Verification. It has implem Examination of the Service of Legal N		
	对被测件有效,所出具的数据均	可溯源到国家或国际计量基准,		
		All data issued by the certificate are to	raceable to the nat	tional or
	nary standards of measurem 午可,不得部分复印此证书内容			
		。 out the written approval of the institu	te/station.	
	Reference documents for the		Color N. M.	
		TRANSPORT OF TRANSPORT		
MBJJG 176-200	5《声校准器检定规程》《V.R.o	f Sound Calibrators)		
and the second second	ALCONTRACTOR			
校准协占及环语会	동(牛 / Place and environment	al conditions of the calibration ) :		
k点(Place)	Att ( race and entrounder	温度 ( Temperature )	相對溫度 (Relati	ve Humidity
际/Lab		22.2 °C		1%
本次校准所使用的	的主要计量标准装置信息 (Majo	or standard devices used in the calibra	tion):	
计量标准名称	测量范围	不确定度或最大允差 或准确度等级	证书编号	有效期
Description	Range	Uncertainty of Measurement or	Certificate No.	Due Date
	NULL IN THE REAL	Maximum Permissible Errors		100000
		A start and a start and a start and a start a start a start a start a start a start a start a start a start a st	DAN DE	
本次校准所使用的	的主要计量标准器具信息(Majo	r standards of measurement used in	the calibration) :	
00 EB (27 Th	(10.000	不确定度或最大允差	17-840.0	120640
器具名称 Description	编号/型号 Serial No./Model	或准确度等级 Uncertainty of Measurement or	证书编号 Certificate No.	有效期 Due Date
Description	Serial No./Woder	Maximum Permissible Errors	certificate rio.	Due Dute
测量放大器	089867/AWA5810D	± 0.2 dB ; ± 0.5 dB	SSD201700243	2018.01.05
标准传声器	2172118/4190	U=0.3 dB ( k=2)	SSD201606162	2017.11.13
声校准器	2292007/4231	1级	SSD201606161	2017.11.13
		A CONTRACTOR OF THE CONTRACTOR	100	01/12/2011



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	校准	结果	
		Calibration	
		and an and a second	
1	外观及功能正常性检查: Visibility and function inspec	正常 tion:Pass.	
2	声压级校准/Sound pressure le	vel calibration :	
	S. AND STREET	ganan	声压级差的绝对值/
	规定声压级/Provisions of sound pressure level ( dB )	测量声压级/Measurement of soun pressure level(dB)	
	114	114.4	0.4
	94	94.3	0.3
3	频率校准/Frequency calibratic	n:	
	规定频率(Hz)	測量频率(Hz)	频率误差(%)
	assigned frequency	assigned frequency	frequency error
	1000	1000.09	0.0
4	失真度校准/Distortion calibrat	ion :	state -
	规定频率(Hz)	规定声压级/Provisions of sound	总失值(%)
	assigned frequency	pressure level ( dB )	Distortion
	1000	94	0.03
	1000	114	0.09
附注:	◇ 关于测量结果不确定度的说明	Constitution of the second	
Remai	k Directions of uncertainty in m	easurement :	
	1.依据文件: JJF1059.1-2012 汉	量不确定度评定与表示;	
	Ref.document : JJF1059.1-20:	12 Evaluation and Expression of unc	ertainty in measurement
	2.本次测量结果的扩展不确定度		
	Expanded uncertainty of the r	neasurement:	
	声压级: U=0.3dB; 頻率: U,	el=0.1%;失真: <i>U</i> <sub>rel</sub> =0.5%;( <i>k</i> =2)	Participation of the state of t
	◇ 建议下次送校日期/Due to dat	te : 2018-10-22	
		空白/End of Data	



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#### Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation Area

D	ata of Monitoring	1											5/2/	2018											
	0		NSRI (EP)																						
	nitoring Location																								
Descri	ption of the Location											Sir	Ellis Kadoo	one Sec Sch	ool										
Sou	and Level Method											Sound lev	el meter : A	WA5661 S	/N304042										
(Mo	del and Serial No.)											Ca	librator: NI	09 S/N5072	58										
Weather	Status												Fi	ne											
Condition	Wind Strength (m/s)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)
Time of	Start	7:00	7:00 7:30 8:00 8:30 9:00 9:30 10:00 10:30 11:00 11:30 12:00 12:30 13:00 13:30 14:00 14:30 15:00 15:30 16:00 16:30 17:00 17:30 18:00							18:30															
Monitoring	Finish	7:30	7.30 8.00 8:30 9:00 9:30 10:00 10:30 11:00 11:30 12:00 12:30 13:00 13:30 14:00 14:30 15:30 16:00 16:30 17:00 17:30 18:00 18:30 19:00								19:00														
	L10 dB(A)	65.9	66.5	66.2	65.3	65.7	64.6	64.9	64.5	65.2	65.7	66.9	67.8	67.4	67.8	66.2	66.7	67.6	67.9	67.4	66.2	66.3	65.4	64.1	64.6
	L90 dB(A)	57.4	57.9	58.1	58.0	57.3	57.6	57.4	58.5	58.2	58.4	57.5	58.3	58.1	57.7	57.3	57.8	58.9	59.4	58.1	59.3	59.2	59.9	59.1	58.7
Measured Noise	Leq dB(A)	63.6	64.1	64.2	63.5	63.0	62.8	62.7	62.9	63.1	63.4	64.0	65.1	65.2	65.7	64.9	64.8	65.3	65.4	65.0	64.4	64.0	63.1	62.2	62.5
Level (dB(A))	L10 (Average)												66	.3											
	L90 (Average)												58	.3											
	Leq (30 min)												64	.1											
Noise Li	mit Level, Leq, (dB(A))										70	dB(A) for s	chool/65 d	lB(A) durin	g examinat	ion									
Site C	onstruction Activities												Steel	Fixing											
Other Noise S	ources During Measurement											Hu	nan Activit	ies and Veh	icle										

EEM

	Name	Signature	Date
Recorded by	Mary Yiu	2	28/2/2018
Checked by	Calvin Lui	lite	28/2/2018

Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

Da	ata of Monitoring												5/2/2	2018											
Mo	nitoring Location												NSR	7 (EP)											
Descri	ption of the Location												Fu Yun	House											
Sound Level M	lethod (Model and Serial No.)												el meter : A llibrator: NI												
Weather	Status												Fi	ne											
											<5(E)	<5(E)	<5(E)												
												18:30													
Monitoring	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
	L10 dB(A)	71.5	71.9	71.2	72.2	72.6	72.8	73.3	73.6	72.7	73.4	74.6	74.9	74.5	73.8	73.9	74.1	73.5	73.2	73.6	72.8	71.8	71.1	70.6	70.8
	L90 dB(A)	63.9	64.0	64.2	65.0	65.1	65.3	66.4	66.5	66.8	67.7	68.3	68.1	68.2	67.9	67.5	68.3	67.5	67.2	67.0	66.2	66.3	66.2	64.4	64.1
Measured Noise	Leg dB(A)	69.2	69.5	69.3	70.0	70.2	70.4	71.2	71.3	70.8	71.6	72.4	72.0	72.1	71.5	71.6	72.4	71.7	71.0	71.2	70.6	69.3	69.4	68.2	68.3
Level (dB(A))	L10 (Average)												73	.0											
	L90 (Average)												66	.6											
	Leq (30 min)												70	.8											
Noise Li	mit Level, Leq, (dB(A))												75d1	B(A)											
Site Co	onstruction Activities												Steel	Fixing											
Other Noise S	ources During Measurement											Hu	man Activit	ies and Veh	icle										

	Name	Signature	Date
Recorded by	Mary Yiu	2	28/2/2018
Checked by	Calvin Lui	atri	28/2/2018

香港沙田火炭山尾街 18-24 號沙田商業中心 16 樓 9-10 室 Tel.: (852) 3563 7003 Fax.: (852) 3563 7018 網址: http://www.telemaxeem.com





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Noise Monitoring Record Sheet

#### Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation Area

D	ata of Monitoring												10/2/	2018											
Mo	onitoring Location												NSR1	(EP)											
Descri	iption of the Location											Sir	Ellis Kadoc	ne Sec Sch	ool										
Soi	und Level Method											Sound lev	el meter : A	WA5661 S/	N304042										
(Mo	del and Serial No.)											Ca	ibrator: NE	9 S/N5072	58										
Weather	Status												Sur	ny											
Condition         Wind Strength (m/s)         SEE         SEE <td>&lt;5(E)</td>										<5(E)															
Time of	me of Start 7:00 7:30 8:00 8:30 9:00 9:30 10:00 10:30 11:30 11:30 12:00 12:30 13:00 14:30 14:00 15:00 15:00 16:30 16:00 16:30 17:00 17:30 18:00 18:30																								
Monitoring         Finish         7:30         8:00         8:30         9:00         9:30         10:00         11:30         12:00         12:30         13:00         14:30         14:30         15:00         16:30         16:30         17:30									17:00	17:30	18:00	18:30	19:00												
	L10 dB(A)	63.7	63.5	62.9	64.1	65.7	65.9	66.8	66.7	67.2	67.6	67.2	66.5	66.1	67.5	67.7	66.6	65.9	66.1	65.6	66.8	66.4	65.5	65.7	65.2
	L90 dB(A)	55.4	55.8	55.2	56.1	57.2	57.9	58.2	58.5	59.5	59.3	59.7	58.8	58.9	60.5	60.8	59.3	58.4	58.3	58.7	59.2	59.3	58.1	57.2	57.5
Measured Noise	Leq dB(A)	61.0	61.6	60.8	62.2	63.1	63.5	64.6	64.9	65.3	65.1	65.0	64.9	64.3	65.7	65.0	64.1	63.5	63.9	63.4	64.5	64.1	63.7	63.1	63.8
Level (dB(A))	L10 (Average)												66.	1											
	L90 (Average)												58	5											
	Leq (30 min)												64.	0											
Noise Li	mit Level, Leq, (dB(A))										70	dB(A) for s	hool / 65 d	B(A) during	g examinati	on									
Site C	onstruction Activities		_	_				_	_		_	_	Steel I	ixing	_		_	_			_				
Other Noise S	Sources During Measurement		_	_				_	_		_	Hur	nan Activiti	es and Veh	icle		_	_			_				

	Name	Signature	Date
Recorded by	Mary Yiu	Y	28/2/2018
Checked by	Calvin Lui	(Ity i	28/2/2018

Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

D	ata of Monitoring												10/2/	2018											
Mo	onitoring Location												NSR	7 (EP)											
Descri	iption of the Location												Fu Yur	House											· · · · ·
Sound Level N	fethod (Model and Serial No.)												el meter : A librator: NI												
Weather	Status												Sui	nny											
Condition	Wind Strength (m/s)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)
Time of         Start         7:00         7:30         8:00         8:30         9:00         9:30         10:00         11:30         12:00         12:30         13:00         14:30         15:30         16:30         16:30         17:30         18:00												18:30													
									14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00						
	L10 dB(A)	71.4	70.6	71.8	70.5	71.3	72.4	72.6	73.5	73.9	74.4	75.5	75.8	74.1	74.3	73.3	73.9	72.3	72.7	71.1	72.2	72.6	71.9	70.2	71.4
	L90 dB(A)	63.9	63.5	63.4	62.9	63.0	64.8	65.0	65.7	65.9	66.2	67.3	67.4	67.2	67.1	66.8	66.7	65.3	65.5	65.1	65.2	65.8	64.2	64.0	64.6
Measured Noise	Leq dB(A)	69.1	68.7	69.2	68.2	69.9	70.1	70.7	71.6	71.7	72.8	73.6	73.3	72.7	72.0	71.8	71.4	70.5	70.8	69.7	70.3	70.0	69.1	68.8	69.3
Level (dB(A))	L10 (Average)												72	.9											
	L90 (Average)												65	.5											
	Leq (30 min)												70	.9											
Noise Li	mit Level, Leq, (dB(A))												75d	3(A)											
Site C	onstruction Activities												Steel	Fixing											
Other Noise S	Sources During Measurement											Hu	nan Activit	ies and Veh	icle										

	Name	Signature	Date
Recorded by	Mary Yiu	Y	28/2/2018
Checked by	Calvin Lui	attai	28/2/2018

香港沙田火炭山尾街 18-24 號沙田商業中心 16 樓 9-10 室 Tel.: (852) 3563 7003 Fax.: (852) 3563 7018 網址: http://www.telemaxeem.com





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Noise Monitoring Record Sheet

#### Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation Area

D	ata of Monitoring												14/2/	2018											
Mo	onitoring Location												NSR I	(EP)											
Descri	ption of the Location											Sir	Ellis Kadoo	ne Sec Sch	ool										
Soi	and Level Method											Sound lev	el meter : A	WA5661 S	N304042										
(Mo	del and Serial No.)											Ca	librator: NI	9 S/N5072	58										
Weather	Status				-								Sur	ny											
Condition																									
Time of	Start	7:00 7:30 8:00 8:30 9:00 9:30 10:00 10:30 11:00 11:30 12:00 12:30 13:00 14:00 14:30 15:00 15:00 15:00 16:00 16:30 17:00 17:00 18:00 1																							
Monitoring Finish 7:30 8:00 8:30 9:00 9:30 10:00 10:30 11:00 11:30 12:00 12:30 13:00 13:30 14:00 14:30 15:00 15:00 16:00 16:30 17:00 1									17:30	18:00	18:30	19:00													
	L10 dB(A)	64.9	63.6	63.1	64.8	65.5	66.6	66.8	67.4	67.6	67.2	66.3	66.7	66.9	65.4	65.3	66.7	66.9	65.8	65.1	66.3	66.7	65.2	64.9	64.5
	L90 dB(A)	55.2	55.9	55.1	56.2	56.8	58.9	58.7	60.8	60.9	60.6	59.8	56.2	56.6	57.1	57.3	58.7	58.9	58.2	58.0	59.6	59.8	59.4	58.3	58.1
Measured Noise	Leq dB(A)	62.2	61.8	61.0	62.9	63.4	64.7	64.9	65.8	65.2	65.0	64.7	64.4	64.6	63.8	63.4	64.4	64.8	63.9	63.5	64.5	64.0	63.7	62.8	62.4
Level (dB(A))	L10 (Average)			-									66	0					-		-		-		
	L90 (Average)												58	4											
	Leq (30 min)												64	0											
Noise Li	mit Level, Leq, (dB(A))										70	dB(A) for s	chool / 65 d	B(A) during	g examinati	on									
Site C	onstruction Activities		_		_		_	_	_		_		Steel l	ixing	_	_		_			_			_	
Other Noise S	ources During Measurement		_		_		_	_	_		_	Hur	nan Activit	es and Veh	icle	_		_			_			_	

	Name	Signature	Date
Recorded by	Mary Yiu	Y	28/2/2018
Checked by	Calvin Lui	(Ity i	28/2/2018

Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

D	ata of Monitoring												14/2/	2018											
Mo	onitoring Location												NSR7	7 (EP)											
Descri	iption of the Location												Fu Yun	House											
Sound Level N	fethod (Model and Serial No.)													WA5661 S 9 S/N5072											
Weather	Status												Sur	nny											
Condition	Wind Strength (m/s)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)
Time of Start 7:00 7:30 8:00 8:30 9:00 9:30 10:00 10:30 11:00 11:30 12:00 12:30 13:00 14:00 14:30 15:00 15:30 16:00 16:30 17:00 17:30 18:00 18:30																									
										14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00					
	L10 dB(A)	70.5	70.9	71.7	72.5	72.8	73.6	73.9	72.2	74.7	74.6	73.3	73.8	73.9	74.1	73.8	72.4	72.5	72.9	73.3	74.5	73.5	74.8	74.3	73.3
	L90 dB(A)	64.1	63.9	63.6	64.7	64.1	65.5	65.8	65.4	67.8	67.9	66.3	66.5	66.7	67.8	66.9	65.1	66.3	66.1	65.8	67.9	66.6	67.7	67.9	65.2
Measured Noise	Leq dB(A)	68.9	68.2	69.6	70.4	70.2	71.4	71.6	70.9	72.2	72.0	71.8	71.0	71.3	72.7	71.4	70.3	70.7	70.5	71.9	72.5	71.7	72.6	72.0	71.1
Level (dB(A))	L10 (Average)												73	.4					-						
	L90 (Average)												66	.3											
	Leq (30 min)												71	.3											
Noise Li	mit Level, Leq, (dB(A))												75d1	3(A)											
Site C	onstruction Activities												Steel I	Fixing											
Other Noise S	Sources During Measurement											Hu	nan Activiti	ies and Veh	icle										

	Name	Signature	Date
Recorded by	Mary Yiu	Y	28/2/2018
Checked by	Calvin Lui	( the	28/2/2018

香港沙田火炭山尾街 18-24 號沙田商業中心 16 樓 9-10 室 Tel.: (852) 3563 7003 Fax.: (852) 3563 7018 網址: http://www.telemaxeem.com





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Noise Monitoring Record Sheet

#### Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation Area

Da	ata of Monitoring												20/2/	2018											
Mc	nitoring Location												NSR I	(EP)											
Descri	ption of the Location											Sir	Ellis Kadoo	ne Sec Sch	ool										
Sou	und Level Method											Sound lev	el meter : A	WA5661 S	N304042										
(Mo	del and Serial No.)											Ca	librator: NI	9 S/N5072	58										
Weather         Status         Cloud           Condition         Wind Strength (m/s)																									
Condition	Wind Strength (m/s)																								
Time of	Start	7:00	7.30 8.00 8.30 9.00 9.30 9.00 9.30 10.00 10.30 11.00 11.30 12.00 12.30 13.00 13.00 13.00 14.30 14.00 14.30 15.00 15.30 16.00 16.30 17.00 17.30 18.00 18.30																						
Monitoring         Finish         7:30         8:00         8:30         9:00         9:30         10:00         10:30         11:30         12:00         12:30         13:30         14:00         14:30         15:00										15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00								
	L10 dB(A)	65.2	64.1	64.4	65.3	66.6	65.7	67.1	67.3	66.8	66.2	66.6	67.7	67.2	67.0	67.8	67.9	66.8	66.4	65.7	65.2	64.6	64.4	64.3	63.7
	L90 dB(A)	56.2	56.4	55.7	56.1	57.5	57.6	60.8	60.6	61.5	60.9	60.2	61.3	61.7	61.2	61.8	62.0	61.1	61.5	59.4	59.5	58.5	57.7	56.6	55.9
Measured Noise	Leg dB(A)	63.7	62.6	62.9	63.0	64.4	63.8	65.2	65.0	64.3	64.0	64.5	65.0	65.3	65.1	65.3	65.5	64.6	64.9	63.8	63.0	62.3	62.6	62.1	61.6
Level (dB(A))	L10 (Average)			-						-			66	.2									-		
	L90 (Average)												59	.8											
	Leg (30 min)												64	.1											
Noise Li	mit Level, Leq, (dB(A))										70	dB(A) for s	chool / 65 d	B(A) during	g examinati	on									
Site Co	onstruction Activities												Steel I	Fixing											
Other Noise S	ources During Measurement											Hur	nan Activit	es and Veh	icle										

	Name	Signature	Date
Recorded by	Mary Yiu	Y	28/2/2018
Checked by	Calvin Lui	(Ity i	28/2/2018

Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

Da	ata of Monitoring												20/2/	2018											
Mo	nitoring Location												NSR	(EP)											
Descri	ption of the Location												Fu Yur	House											
Sound Level Method (Model and Serial No.) Sound Level Method (Model and Serial No.) Sound Level Method (Model and Serial No.)																									
Weather	Status												Clo	udy											
Condition	Wind Strength (m/s)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)
Time of	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
Monitoring	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
	L10 dB(A)	69.2	70.3	70.9	71.1	72.0	72.3	73.6	71.7	71.9	73.3	72.7	73.6	73.4	72.8	74.6	73.7	74.1	73.2	73.3	71.5	72.4	70.5	70.2	70.1
	L90 dB(A)	62.1	62.5	63.0	64.1	65.5	65.4	66.2	64.6	64.2	65.8	64.2	66.2	66.1	65.7	66.8	65.9	67.0	66.2	66.0	64.7	65.3	64.9	63.7	64.2
Measured Noise	Leg dB(A)	67.9	68.5	68.4	69.3	70.1	70.6	71.7	69.6	69.5	71.3	70.4	71.5	71.7	70.4	72.0	71.9	72.3	71.5	71.1	69.5	70.4	68.3	68.1	68.5
Level (dB(A))	L10 (Average)				-					-			72	.4											
	L90 (Average)												65	.2											
Leg (30 min) 70.4																									
Noise Li	mit Level, Leq, (dB(A))												75d	3(A)											
Site C	onstruction Activities												Steel	Fixing											
Other Noise S	ources During Measurement											Hu	nan Activit	es and Veh	icle										

	Name	Signature	Date
Recorded by	Mary Yiu	Y	28/2/2018
Checked by	Calvin Lui	( fin	28/2/2018

香港沙田火炭山尾街 18-24 號沙田商業中心 16 樓 9-10 室 Tel.: (852) 3563 7003 Fax.: (852) 3563 7018 網址: http://www.telemaxeem.com





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Noise Monitoring Record Sheet

#### Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation Area

Da	ata of Monitoring												22/2/	2018											
Mc	nitoring Location												NSR I	(EP)											
Descri	ption of the Location											Sir	Ellis Kadoo	ne Sec Sch	ool										
Sound Level Method So									Sound lev	el meter : A	WA5661 S	N304042													
(Mo	del and Serial No.)											Ca	librator: NI	9 S/N5072	58										
Weather Status													Clo	udy											
Condition         Wind Strength (m/s)         d(E)         d									<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)							
Time of	Start 7:00 7:30 8:00 8:30 9:00 9:30 10:00 10:30 11:00 11:30 12:00 12:30 13:00								13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30					
Monitoring	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
	L10 dB(A)	63.6	63.8	65.4	65.2	64.3	64.8	65.9	65.5	67.6	67.9	66.2	67.1	66.3	67.6	67.7	66.2	66.5	65.4	65.8	66.1	66.3	65.9	64.4	64.5
	L90 dB(A)	56.4	55.8	56.2	56.3	56.5	55.7	56.8	56.9	61.1	60.6	61.8	61.4	60.7	61.3	61.8	60.3	60.5	59.7	59.3	59.1	58.4	57.2	57.3	56.3
Measured Noise	Leg dB(A)	61.5	61.7	63.2	63.1	62.6	62.7	63.3	63.9	65.1	65.0	64.7	65.6	64.9	65.3	65.1	64.8	64.2	63.8	63.5	64.0	64.2	63.5	62.2	62.0
Level (dB(A))	L10 (Average)			-						-			66	.0									-		
	L90 (Average)												59	.2											
Leg (30 min) 63.9																									
Noise Li	mit Level, Leq, (dB(A))										70	dB(A) for s	chool / 65 d	B(A) during	g examinati	on									
Site Co	onstruction Activities												Steel I	Fixing											
Other Noise S	ources During Measurement											Hur	nan Activit	es and Veh	icle										

	Name	Signature	Date
Recorded by	Mary Yiu	Y	28/2/2018
Checked by	Calvin Lui	(Ity i	28/2/2018

Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

D	ata of Monitoring												22/2/	2018											
Mo	onitoring Location												NSR7	(EP)											
Descri	iption of the Location												Fu Yun	House											
Sound Level Method (Model and Serial No.)														WA5661 S 9 S/N5072											
Weather	Status												Clo	udy											
Condition	Wind Strength (m/s)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)
Time of	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
Monitoring	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
	L10 dB(A)	71.6	70.7	72.9	72.2	71.3	70.9	70.3	73.3	73.7	74.4	74.7	75.5	75.6	74.9	75.1	76.3	75.2	74.8	73.7	72.2	72.9	70.3	71.4	70.6
	L90 dB(A)	63.2	63.5	64.5	64.9	63.7	63.1	63.3	65.5	65.2	66.6	66.9	67.1	67.2	66.3	66.8	67.4	67.2	66.9	65.7	64.2	64.0	62.6	63.9	63.8
Measured Noise	Leq dB(A)	69.0	68.7	70.3	70.0	69.2	68.7	68.9	71.3	71.1	72.4	72.8	73.3	73.0	72.8	73.9	74.0	73.2	72.1	71.5	70.1	70.3	68.7	69.1	68.6
Level (dB(A))	L10 (Average)				-								73	.5					-						
	L90 (Average)												65	.4											
Leq (30 min)													71	.3											
Noise Li	mit Level, Leq, (dB(A))												75d1	3(A)											
Site C	onstruction Activities												Steel I	Fixing											
Other Noise S	Sources During Measurement											Hu	nan Activiti	es and Veh	icle										

	Name	Signature	Date
Recorded by	Mary Yiu	Y	28/2/2018
Checked by	Calvin Lui	( fin	28/2/2018

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Noise Monitoring Record Sheet

#### Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation Area

Data of Monitoring         28/2/2018           Monitoring Location         NSR1 (EP)																									
Mo	onitoring Location												NSR1	(EP)											
Description of the Location Sir Ellis Kadoone Sec School																									
Sound Level Method Sound level meter : AWA5661 S/N304042																									
(Model and Serial No.) Calibrator: ND9 S/N507258																									
Weather Status Bright																									
Condition         Wind Strength (m/s)         d(E)         d									<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)								
									13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30						
Monitoring	Monitoring Finish		8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
L10 dB(A) 64.5 64.9 66.3 65.8 67.1 67.6 67.2										66.5	67.4	66.9	66.3	67.4	67.8	65.5	66.2	65.7	66.6	67.1	65.2	65.3	64.2	64.5	65.1
	L90 dB(A)	54.8	55.3	59.2	58.4	60.3	60.4	60.8	59.7	59.6	61.3	60.2	60.7	61.9	61.1	57.5	57.3	56.8	57.9	60.6	58.7	58.2	56.1	56.3	56.7
Measured Noise	Leq dB(A)	62.1	62.6	64.5	63.9	65.2	65.3	65.6	64.5	64.8	65.5	64.2	64.8	65.1	65.0	63.8	64.0	63.9	64.7	65.0	63.5	63.2	61.9	62.3	63.1
Level (dB(A))	L10 (Average)												66.	3											
	L90 (Average)												59.	2											
Leq (30 min) 64.2																									
Noise Limit Level, Leq, (dB(A)) 70dB(A) for school / 65 dB(A) during examination																									
Site C	onstruction Activities												Steel I	ixing											
Other Noise Sources During Measurement Human Activities and Vehicle																									

	Name	Signature	Date
Recorded by	Mary Yiu	Y	28/2/2018
Checked by	Calvin Lui	(Ity i	28/2/2018

Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

Da	ata of Monitoring												28/2/	2018											
Mo	onitoring Location												NSR7	7 (EP)											
Descri	iption of the Location												Fu Yun	House											· · · · ·
Sound Level Method (Model and Serial No.) Sound level meter : AWA5661 SN3 Calibrator: ND9 S/N507258																									
Weather Status											Bri	ght													
Condition	Wind Strength (m/s)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)	<5(E)
Time of	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
Monitoring	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
	L10 dB(A)	71.9	71.7	72.2	70.6	70.8	71.5	73.2	73.6	72.2	73.9	74.3	73.7	74.5	75.0	75.2	74.6	74.7	73.6	72.4	72.0	71.3	70.4	71.5	71.3
	L90 dB(A)	63.3	63.1	64.0	63.8	63.2	63.7	65.2	65.6	64.7	65.1	65.9	65.4	65.3	66.2	66.7	65.2	65.0	64.9	64.2	64.3	63.8	63.2	63.7	63.4
Measured Noise	Leq dB(A)	69.3	69.0	70.1	68.3	68.7	69.4	71.2	71.3	70.4	71.6	72.5	71.9	72.4	73.1	73.3	72.8	72.0	71.4	70.5	70.2	69.5	68.9	69.3	69.2
Level (dB(A))	L10 (Average)									-			73	.0	-										
	L90 (Average)												64	.7											
	Leq (30 min)								70	.9															
Noise Li	mit Level, Leq, (dB(A))												75d1	3(A)											
Site C	onstruction Activities												Steel I	Fixing											
Other Noise S	Sources During Measurement											Hu	nan Activiti	ies and Veh	icle										

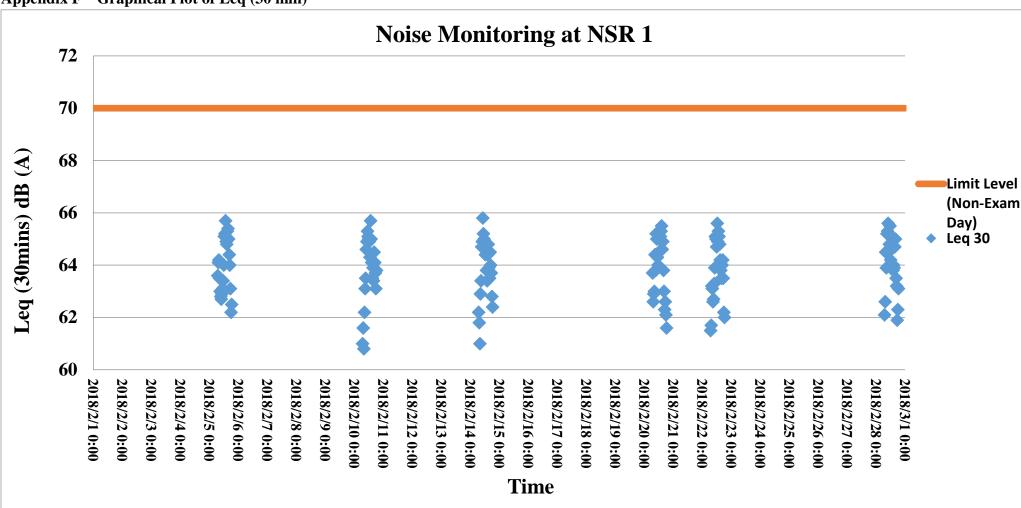
	Name	Signature	Date
Recorded by	Mary Yiu	Y	28/2/2018
Checked by	Calvin Lui	attai	28/2/2018

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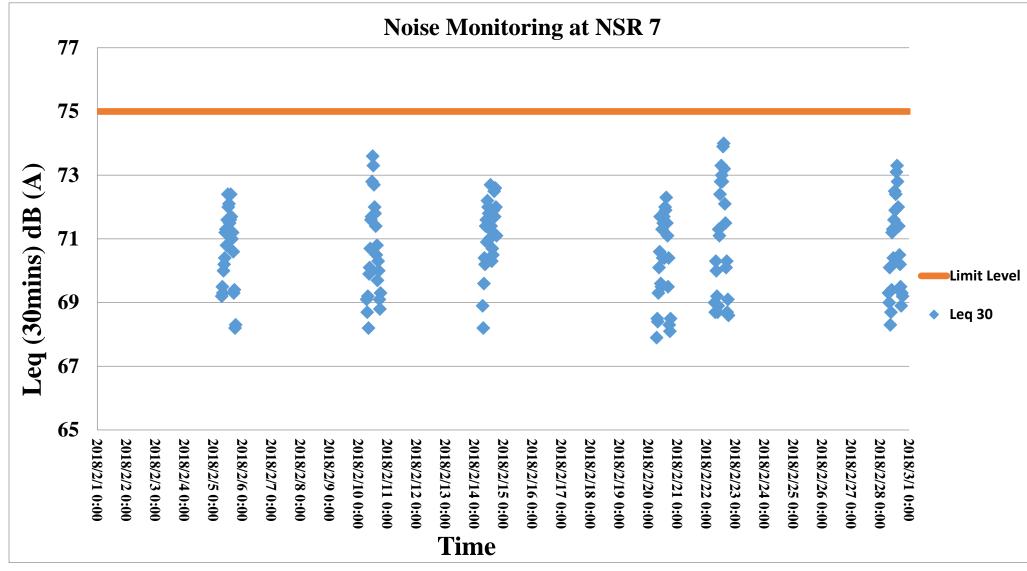
### Appendix F Graphical Plot of Leq (30 min)

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Appendix G Monitoring Schedule

## Impact Monitoring Schedule (February 2018) [i.e. Reporting Period]

						February 2018
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4	5 IN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900	6	7	8	9	10 IN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900
11	12	13	14 IN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900	15	16	17
18	19	20 IN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900		22 IN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900	23 I	24
25	26		28 IN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900			

Remarks: IN – Impact Noise Monitoring

NSR 1 –Sir Ellis Kadoorie Secondary School (West Kowloon)

NSR 7 - Fu Cheong Estate Fu Yun House





Impact Monitoring Schedule for future three months [i.e. March, April and May 2018]

## **Impact Monitoring Schedule (March 2018)**

						March 2018
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4	5	6 IN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900	7	8	9	10
11	12 IN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900	13	14	15		17 IN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900
18	19	20	21	22	23 IN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900	24
25	26	27	28	29 (Exam) IN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900		31

Remarks: IN – Impact Noise Monitoring

NSR 1 -Sir Ellis Kadoorie Secondary School (West Kowloon)

- NSR 7 Fu Cheong Estate Fu Yun House
- Exam Exam period for NSR -1



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## Impact Monitoring Schedule (April 2018)

						April 2018
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2		4 IN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900	5	6	7
8	9	10 IN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900	11	12	13	14
15	16 IN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900	17	18	19	20	21 IN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900
22	23	24	25	26	27 IN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900	28
29	30					

### Remarks: IN – Impact Noise Monitoring

NSR 1 –Sir Ellis Kadoorie Secondary School (West Kowloon)

## NSR 7 - Fu Cheong Estate Fu Yun House



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## **Impact Monitoring Schedule (May 2018)**

						May 2018
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3 IN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900	4	5
6	7		9 IN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900	10	11	12
13	14	15 IN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900	16	17	18	19
20	21 IN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900		23	24	25	26 IN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900
27	28	29	30	31		

Remarks: IN – Impact Noise Monitoring

NSR 1 –Sir Ellis Kadoorie Secondary School (West Kowloon)

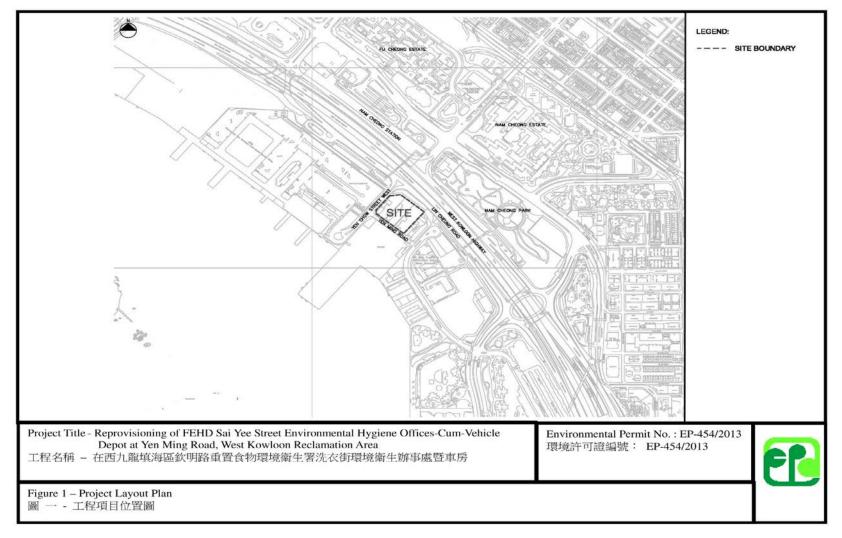
NSR 7 - Fu Cheong Estate Fu Yun House





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## Appendix H Project Layout

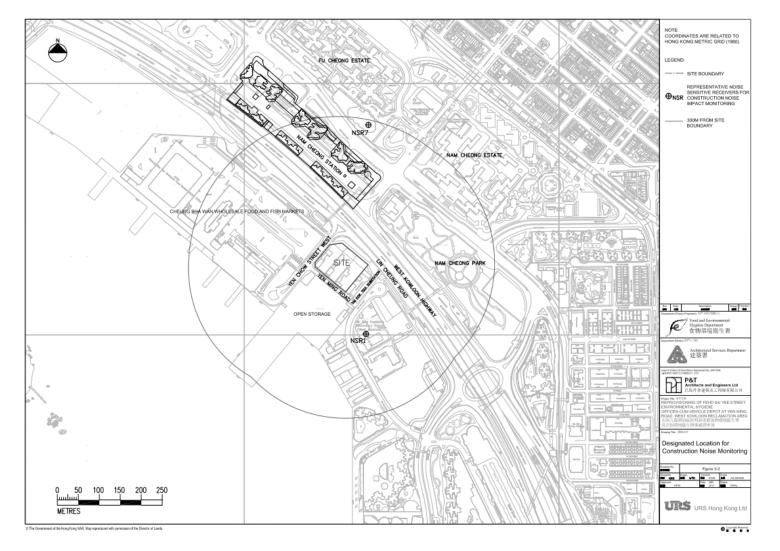






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Appendix I Location of the Impact Monitoring Locations





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## Appendix J Photo Records of Monitoring

## Photo Records of Noise Monitoring in Daytime



NSR 1 - Sir Ellis Kadoorie Secondary School (West Kowloon)



NSR 7 - Fu Cheong Estate Fu Yun House



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## Appendix K Cumulative Statistics on Complaints, Notifications of Summons and Successful Prosecutions

Cumulative statistics for complaints, notifications of summons and successful prosecutions for the Project account for period starting from the date of commencement of construction works (i.e. 29 February 2016) to the end of the reporting month and are summarized in the Table L-1 below.

Reporting Period	<b>Received Date</b>		Cumulative Statistics						
		Complaints	Notifications of summons	Successful prosecutions	Туре	Status			
This reporting month	N/A	0	0	0	N/A	N/A			
From 29 February 2016 to end of the reporting month		2	0	0					

Table L1 Statistics for complaints, notifications of summons and successful prosecutions



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Appendix L Monthly Waste Flow Table

## MA P3 ConstructionWaste Management Plan

**MA 11 Construciton Waste Reduction** 

FEHD Sai Yee Street Environmental Hygiene Offices-cum-vehicle Depot, Yen Ming Road, West Kowloon Reclamation Area Project: Record by: China Road and Bridge Corporation Year of Record: 2018

#### Monthly Waste Flow Table

DD.MM.YY	Total Quantity	Total Quantity				ntities of Inert C	&D Mater	ials Generation	ated Month	у			ual Quantitie	s of C&D N	laterials Ge	nerated Mo	nthly
	Generated	Generated (Excluded		avated Mater		Non-excavated Materials						Metals (aluminum	Paper / cardboard	Plastics	Chemical waste	Other, e.g. general	
		Excavated Material)	Disposed in Public Fill	Disposed in Sorting Facilities	Others (e.g Reused in the Contract / Other Projects)	Broken Concrete or Construction Waste Collected by Recycled Company	Reused in the Contract	Reused in other Projects	Disposed in Public Fill	Disposed in Landfill	Disposed in Sorting Facilities	(steer bar / metal strip)		packaging <sup>(1)</sup>		(wasted lubricant oil/oil container)	refuse
	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)
	a1	a2	b	b	b	с	d	е	f	g	h	i	j	k	1	m	n
1-Feb-18	20.33	11.24	9.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.24
2-Feb-18	13.20	13.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.20
3-Feb-18	15.22	0.00	15.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5-Feb-18	13.01	13.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.01
6-Feb-18	3.09	3.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.09
7-Feb-18	4.52	4.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.52
9-Feb-18	5.47	5.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.47
10-Feb-18	4.39	4.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.39
12-Feb-18	4.83	4.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.83
14-Feb-18	4.32	4.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.32
24-Feb-18	2.32	2.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.32
28-Feb-18	5.90	5.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.90
Total	96.60	72.29	24.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.29

Total C&D waste generated Total C&D waste generated (excluded excavated materials) Total recycled C&D waste % of recycled C&D waste for BEAM Plus MA11

96.60 tonnes a1=b+c+d+e+f+g+h+i+j+k+l+m+n

72.29 tonne a2=c+d+e+f+g+h+i+j+k+l+m+n

a3=c+d+e+i+j+k+l 0.00 tonne

0.00 % a4=a3/a2 x 100%

Notes: (1) metal, paper & plastic were collected by recycler

(2) The performance target of waste recycling are specified in the Contractt. (3) The waste flow table shall also include C&D materials that are specified in the Contract to be imported for use at the Site. (4) Plastics refer to plastic bottles/ containers, plastic/ foam from packaging material. (5) Broken concrete for recycling into aggregates. (6) Excavated materials/waste will NOT be considered as part of construction waste. It should be excluded in the calculation.

(7) Disposal of inert waste to public fill or sorting facilities will NOT be considered as recycled waste.





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#### MA P3 ConstructionWaste Management Plan

#### MA 11 Construciton Waste Reduction

Project: FEHD Sai Yee Street Environmental Hygiene Offices-cum-vehicle Depot, Yen Ming Road, West Kowloon Reclamation Area Record by: China Road and Bridge Corporation Year of Record: 2018

#### Overall Summary Waste Flow Table

DD.MM.YY		Total Quantity		A	Actual Qua	ntities of Inert C	&D Mater	als Genera	ated Monthl	у		Act	ual Quantitie	s of C&D M	aterials Ge	nerated Mo	nthly
	Generated	Generated (Excluded	Exca	avated Mater	ials		Non-excavated Materials					Metals	Metals	Paper /	Plastics	Chemical	Other, e.g.
		(Excluded Excavated Material)	Disposed in Public Fill	Disposed in Sorting Facilities	Others (e.g Reused in the Contract / Other Projects)	Broken Concrete or Construction Waste Collected by Recycled Company	Reused in the Contract	Reused in other Projects	Disposed in Public Fill	Disposed in Landfill	Disposed in Sorting Facilities	(steel bar / metal strip) (1)	(aluminum can) <sup>(1)</sup>	cardboard packaging <sup>(1)</sup>	(1) & (4)	waste (wasted lubricant oil/oil container)	general refuse
	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)
	a1	a2	b	b	b	с	d	е	f	g	h	i	j	k	1	m	n
Mar-16	36.48	4.58	31.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	0.00	0.00	0.00	0.00	2.00
Apr-16	9.20	9.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.20
May-16	4.60	4.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.60
Jun-16	4.20	4.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.20
Jul-16	3.80	3.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.80
Aug-16	109.80	0.50	109.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50
Sep-16	659.70	8.10	651.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.10
Oct-16	1280.90	1.50	1279.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50
Nov-16	1463.50	4.30	1459.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.30
Dec-16	2590.32	5.22	2585.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.72	0.00	0.00	0.00	0.00	3.50
Jan-17	765.30	17.90	747.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.90
Feb-17	5265.80	4.50	5261.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.50
Mar-17	6161.20	5.00	6156.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00
Apr-17	2230.12	24.12	2206.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.92	0.00	0.00	0.00	0.00	11.20
May-17	1592.44	26.74	1565.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.94	0.00	0.00	0.00	0.00	21.80
Jun-17	949.60	39.20	910.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.20
Jul-17	1081.92	31.88	1050.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.88
Aug-17	52.82	52.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.82
Sep-17	90.88	85.47	5.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	85.47
Oct-17	202.80	55.98	146.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55.98
Nov-17	76.74	76.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76.74
Dec-17	201.74	81.31	120.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	81.31
Jan-18	286.71	74.17	212.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	74.17
Feb-18	96.60	72.29	24.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.29
Total	25217.17	694.12	24523.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.16	0.00	0.00	0.00	0.00	671.96

Total C&D waste generated Total C&D waste generated (excluded excavated materials) Total recycled C&D waste % of recycled C&D waste for BEAM Plus MA11 
 25217.17
 tonnes
 a1=b+c+d+e+f+g+h+i+j+k+l+m+n

 694.12
 tonne
 a2=c+d+e+f+g+h+i+j+k+l+m+n

 22.16
 tonne
 a3=c+d+e+i+j+k+l

 3.19%
 %
 a4=a3/a2 x 100%

Notes: (1) metal, paper & plastic were collected by recycler

(2) The performance target of waste recycling are specified in the Contractt.
(3) The waste flow table shall also include C&D materials that are specified in the Contract to be imported for use at the Site.
(4) Plastics refer to plastic bottles/ containers, plastic/ foam from packaging material.
(5) Broken concrete for recycling into aggregates.
(6) Excavated materials/waste will NQT be considered as part of construction waste. It should be excluded in the calculation.
(7) Disposal of Inert waste to public fill or sorting facilities will NQT be considered as recycled waste.

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**Appendix M** Environmental Licenses / Permits

(a) Environmental Permit

Environmental Permit No. EP-454/2013 環境許可證編號EP-454/2013

#### ENVIRONMENTAL IMPACT ASSESSMENT ORDINANCE (CHAPTER 499) Section 10

環境影響評估條例 (第499章) 第10條

### ENVIRONMENTAL PERMIT TO CONSTRUCT AND OPERATE

A DESIGNATED PROJECT

建造及營辦指定工程項目的環境許可證

### PART A (MAIN PERMIT)

A部(許可證主要部分)

Pursuant to Section 10 of the Environmental Impact Assessment Ordinance (EIAO), the Director of Environmental Protection (the Director) grants this environmental permit to the <u>Food and Environmental</u> <u>Hygiene Department</u> (hereinafter referred to as the "Permit Holder") to construct and operate the designated project described in <u>Part B</u> subject to the conditions specified in <u>Part C</u>. The issue of this environmental permit is based on the documents, approvals or permissions described below :-

根據《環境影響評估條例》(環評條例)第10條的規定,環境保護署署長(署長)將本環境許可證批予<u>食物</u> 環境衛生署(下稱許可證持有人)以建造及營辦<u>B部</u>所說明的指定工程項目,但須遵守<u>C部</u>所列明的條件。 本環境許可證是依據下列文件、批准或許可而簽發:-

Application No. 申請書編號	AEP-454/2013
Document in the Register 登記冊上文件	<ul> <li>(1) Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum-vehicle Depot at Yen Ming Road, West Kowloon Reclamation Area (Register No.: AEIAR-177/2013)         <ul> <li>Environmental Impact Assessment Report (June 2013) [Hereinafter referred to as the "EIA Report"]</li> <li>Environmental Monitoring and Audit Manual (June 2013) [Hereinafter referred to as the "EM&amp;A Manual"]</li> <li>Executive Summary (June 2013)</li> </ul> </li> </ul>
	在西九龍填海區欽明路重置食物環境衞生署洗衣街環境衞生辦 事處暨車房 (登記冊編號: AEIAR-177/2013) - 環境影響評估報告 (2013年6月) [下稱「環評報告」] - 環境監察審核手冊 (2013年6月) [下稱「環監手冊」] - 行政摘要 (2013年6月)
	(2) The Director's letter of approval of the EIA report dated 12 November 2013 referenced (69) in EP 2/K20/A20 Pt.2
	署長於2013年11月12日發出批准環評報告的信件,檔案編號: (69) in EP 2/K20/A20 Pt.2
	(3) Application for an Environmental Permit submitted by the Permit Holder on 24 June 2013 (Application No.: AEP-454/2013)
	許可證持有人於2013年6月24日提交的環境許可證申請(申請書



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		編號: AEP-454/20)	(3)
-			
-			
	12 November 2013 2013年11月12日		
	Date 日期	-	(Ken Y.K. Wong) Principal Environmental Protection Officer for Director of Environmental Protection
			環境保護署署長 (首席環境保護主任 黃耀光代行)

### PART B ( DESCRIPTION OF DESIGNATED PROJECT)

B部(指定工程項目的說明)

Hereunder is the description of the designated project mentioned in Part A of this environmental permit (hereinafter referred to as the "Permit"):-

下列為本環境許可證(下稱"許可證")A部所提及的指定工程項目的說明:

Title of Designated Project(s) 指定工程項目的名稱	Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices- cum-vehicle Depot at Yen Ming Road, West Kowloon Reclamation Area [This designated project is hereinafter referred to as "the Project"] 在西九龍填海區欽明路重置食物環境衞生署洗衣街環境衞生辦事處暨車 房 [這指定工程項目下稱"工程項目"]
Nature of Designated Project(s) 指定工程項目的性質	A transport depot located less than 200m from the nearest boundary of an existing or planned residential area / educational institution 運輸車廠的位置距離一個現有的或計劃中的住宅區或教育機 構的最近界線少於200 米
Location of Designated Project(s) 指定工程項目的地點	The Project is located at Yen Ming Road, West Kowloon Reclamation Area. The location of this Project is shown in <u>Figure 1</u> attached to this Permit. 工程項目位於西九龍填海區欽明路。工程項目的位置見載於本許可證夾 附的 <u>圖1</u> 。
Scale and Scope of Designated Project(s) 指定工程項目的規模和範圍	The project is to construct and operate a five-storey building comprising various facilities for vehicle washing and repair operation, parking of vehicles as well as offices. 工程項目為建造及營辦一座五層高的大樓,提供車輛清洗和維修設施、 車輛停泊處及辦公室。

### PART C (PERMIT CONDITIONS)

C部 (許可證條件)





#### <u>General Conditions</u> 一般條件

- 1.1 The Permit Holder and any person working on the Project shall comply with all conditions set out in this Permit. Any non-compliance by any person may constitute a contravention of the Environmental Impact Assessment Ordinance (EIAO) (Cap. 499) and may become the subject of appropriate action being taken under the EIAO.
- 1.2 The Permit Holder shall ensure full compliance with all legislation from time to time in force including, without limitation to, the Air Pollution Control Ordinance (Cap. 311), Waste Disposal Ordinance (Cap. 354), Water Pollution Control Ordinance (Cap. 358) and Noise Control Ordinance (Cap. 400). This Permit does not of itself constitute any ground of defence against any proceedings instituted under any legislation or imply any approval under any legislation.
- 1.3 The Permit Holder shall make copies of this Permit together with all documents referred to in this Permit and the documents referred to in <u>Part A</u> of the Permit readily available at all times for inspection by the Director or his authorised officers at all sites/offices covered by this Permit. Any reference to the Permit shall include all documents referred to in the Permit and also the relevant documents in the Register.
- 1.4 The Permit Holder shall give a copy of this Permit to the person(s) in charge of the site(s) and ensure that such person(s) fully understands all conditions and all requirements incorporated in the Permit. The site(s) refers to site(s) of construction of the Project and shall mean the same hereafter.
- 1.5 The Permit Holder shall display conspicuously a copy of this Permit on the Project site(s) at all vehicular site entrances/exits or at a convenient location for public's information at all times. The Permit Holder shall ensure that the most updated information about the Permit, including any amended Permit, is displayed at such locations. If the Permit Holder surrenders a part or the whole of the Permit, the notice he sends to the Director shall also be displayed at the same locations as the original Permit. The suspended, varied or cancelled Permit shall be removed from display at the Project site(s).
- 1.6 The Permit Holder shall construct and operate the Project in accordance with the project description in <u>Part B</u> of this Permit.
- 1.7 The Permit Holder shall ensure that the Project is designed, constructed and operated in accordance with the information and recommendations described in the approved EIA Report (Register No.: AEIAR-177/2013), the application document for environmental permit (Application No.: AEP-454/2013), other relevant documents in the Register, the information and mitigation measures described in this Permit, mitigation measures to be recommended in submissions that shall be deposited with or approved by the Director as a result of permit conditions contained in this Permit, and mitigation measures to be recommended under on-going surveillance and monitoring activities during all stages of the Project. Where recommendations referred to in the documents of the Register are not expressly referred to in this Permit, such recommendations are nevertheless to be implemented unless expressly excluded or impliedly amended in this Permit.
- 1.8 All deposited submissions, as required under this Permit, shall be rectified and resubmitted in accordance with the comments, if any, made by the Director within one month of the receipt of the Director's comments or otherwise as specified by the Director.
- 1.9 All submissions approved by the Director, all submissions deposited without comments by the Director, or all submissions rectified in accordance with comments by the Director under this Permit shall be construed as part of the permit conditions described in <u>Part C</u> of this Permit. Any variation of the submissions shall be approved by the Director in writing or as prescribed in the relevant permit conditions. Any non-compliance with the submissions may constitute a contravention of the Environmental Impact Assessment Ordinance (Cap. 499). All submissions or any variation of the submissions shall be certified by the Environmental Team (ET) Leader and verified by the Independent

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Environmental Checker (IEC) referred to in Conditions 2.1 and 2.2 below, before submitting to the Director under this Permit.

- 1.10 The Permit Holder shall release all finalized submissions as required under this Permit, to the public by depositing copies in the Environmental Impact Assessment Ordinance Register Office, or in any other places, or any internet websites as specified by the Director, or by any other means as specified by the Director for public inspection. For this purpose, the Permit Holder shall provide sufficient copies of the submissions.
- 1.11 All submissions to the Director required under this Permit shall be delivered either in person or by registered mail to the Environmental Impact Assessment Ordinance Register Office (currently at 27/F, Southorn Centre, 130 Hennessy Road, Wanchai, Hong Kong). Electronic copies of all finalized submissions required under this Permit shall be prepared in Hyper Text Markup Language (HTML) (version 4.0 or later) and in Portable Document Format (PDF version 1.3 or later), unless otherwise agreed by the Director and shall be submitted at the same time as the hard copies.
- 1.12 The Permit Holder shall notify the Director in writing the commencement date of construction of the Project no later than one month prior to the commencement of construction of the Project. The Permit Holder shall notify the Director in writing immediately if there is any change of the commencement date of the construction.
- 1.13 For the purpose of this Permit, "commencement of construction works" does not include works related to site clearance and preparation, or other works as agreed by the Director.
- 1.14 The Permit Holder shall notify the Director in writing the commencement date of operation of the Project no later than one month prior to the commencement of operation of the Project. The Permit Holder shall notify the Director in writing immediately if there is any change of the commencement date of the operation.

### 2. Specific Conditions

### Submissions and/or Measures before Commencement of Construction of the Project

#### Employment of Environmental Monitoring and Audit (EM&A) Personnel

- 2.1 An Environmental Team (ET) shall be established by the Permit Holder no later than one month before commencement of construction of the Project. The ET shall not be in any way an associated body of the Contractor or the Independent Environmental Checker (IEC) for the Project. The ET shall be headed by an ET Leader. The ET Leader shall be a person who has at least 7 years of experience in environmental monitoring and auditing (EM&A) or environmental management. The ET and the ET Leader shall be responsible for the implementation of the EM&A programme in accordance with the EM&A requirements as contained in the EM&A Manual of the Project. The ET Leader shall keep a contemporaneous log-book of each and every instance or circumstance or change of circumstances, which may affect the compliance with the recommendations of the EIA Report and this Permit. The ET Leader shall notify the IEC within one working day of the occurrence of any such instance or circumstance or change of circumstances. The ET Leader's log-book shall be kept readily available for inspection by all persons assisting in supervision of the implementation of the recommendations of the EIA Report and this Permit or by the Director or his authorized officers. Failure to maintain records in the log-book, failure to discharge the duties of the ET Leader as defined in the EM&A Manual of the Project or failure to comply with this Condition would entitle the Director to require the Permit Holder by notice in writing to replace the ET Leader. Failure by the Permit Holder to make replacement, or further failure to keep contemporaneous records in the log-book despite the employment of a new ET Leader may render the Permit liable to suspension, cancellation or variation.
- 2.2 An IEC shall be employed by the Permit Holder no later than one month before commencement of construction of the Project. The IEC shall not be in any way an associated body of the Contractor or the ET for the Project. The IEC shall be a person who has at least 7 years of experience in EM&A or

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environmental management. The IEC shall be responsible for duties defined in the EM&A Manual and shall audit the overall EM&A performance, including the implementation of all environmental mitigation measures, submissions required in the EM&A Manual, and any other submissions required under this Permit. In addition, the IEC shall be responsible for verifying the environmental acceptability of permanent and temporary works, relevant design plans and submissions under this Permit. The IEC shall verify the log-book(s) mentioned in Condition 2.1 of this Permit. The IEC shall notify the Director by fax, within one working day of receipt of notification from the ET Leader of each and every occurrence, change of circumstances or non-compliance with the EIA Report (Register No.: AEIAR-177/2013) and this Permit, which might affect the monitoring or control of adverse environmental impacts from the Project. In the case where the IEC fails to so notify the Director of the same, fails to discharge the duties of the IEC as defined in the EM&A Manual or fails to comply with this Condition, the Director may require the Permit Holder by notice in writing to replace the IEC. Failure to replace the IEC as directed or further failure to so notify the Director despite employment of a new IEC may render the Permit liable to suspension, cancellation or variation. Notification by the Permit Holder is the same as notification by the IEC for the purpose of this Condition.

#### Management Organization of Main Construction Company

2.3 The Permit Holder shall, no later than two weeks before the commencement of construction of the Project, inform the Director in writing the management organization of the main construction companies and/or any form of joint venture associated with the construction of the Project. The submitted information shall include at least an organization chart, names of responsible persons and their contact details.

#### Submission of Landscape and Visual Mitigation Plan of the Project

- 2.4 The Permit Holder shall, at least one month before the commencement of construction of the corresponding component(s) of the Project, submit four hard copies and one electronic copy of a Landscape and Visual Mitigation Plan(s) to the Director for approval. The Plan(s) shall include at least the following information:-
  - (a) one (1) existing tree to be retained in-situ at the location marked in Figure 2;
  - (b) a tree compensation proposal showing the locations, size, number and species of trees to be planted, including the compensation of at least 27 trees of heavy standard size (100mm DBH), in accordance with the recommended tree species in Table 1 and Table 2; and
  - (c) an updated landscape design for ground floor planting, vertical greening, roof gardens and hard landscape features.

The Landscape and Visual Mitigation Plan(s) shall be certified by the ET leader and verified by the IEC as conforming to the information and recommendations of landscape and visual mitigation measures contained in the EIA Report (Register No.: AEIAR-177/2013).

#### Submissions and/or Measures before and During Operation of the Project

#### Measures and Submission for Mitigating Landscape and Visual Impact before Operation of the Project

- 2.5 The landscape and visual mitigation measures shall be fully and properly implemented in accordance with the recommendations of the Landscape and Visual Mitigation Plan(s) approved under condition 2.4 above.
- 2.6 The Permit Holder shall, at least one month before the commencement of the operation of the Project, deposit with the Director four hard copies and one electronic copy of the As-Built Drawing(s) of the Project, which shall be certified by the ET Leader and verified by the IEC as conforming to the recommendations of the Landscape and Visual Mitigation Plan(s) approved under condition 2.4 above. The landscape and visual mitigation measures shall be properly maintained during operation of the

香港沙田火炭山尾街 18-24 號沙田商業中心 16 樓 9-10 室 Tel.: (852) 3563 7003 Fax.: (852) 3563 7018 網址: http://www.telemaxeem.com



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Project.

### Measures for Mitigating Odour Impact during Operation of the Project

- 2.7 All refuse collection vehicles shall be emptied of refuse prior to entering the Project.
- 2.8 To mitigate operational odour impact arising from the vehicle washing bays and the maintenance workshops of the Project:-
  - (a) the washing bays and maintenance workshops shall be enclosed in 3 sides and served with mechanical ventilations to maintain with proper negative air pressure at all times during the washing bays and maintenance workshops operation; and
  - (b) a deodorisation system, with an odour removal efficiency of at least 85%, shall be installed, operated and properly maintained at the ventilation system prior to discharging any vented air outside the Project.

#### Measures for Mitigating Noise Impact during Operation of the Project

- 2.9 To mitigate operational noise impact from the repair activities from the vehicles, the following measures shall be implemented:
  - (a) all vehicle repair activities shall be limited to 0700 to 1900 hours only; and
  - (b) all vehicle repair activities shall be carried out within the covered area of the transport workshop section on ground floor of the Project as shown in <u>Figure 2</u>.
- 2.10 To minimise off-site traffic noise impact arising from the operation of the Project, all vehicles coming in or out of the Project shall use the in-bound and out-bound traffic routing as shown in Figure 3.

### 3. Environmental Monitoring and Audit Requirements

- 3.1 The EM&A programme shall be implemented in accordance with the procedures and requirements as set out in the EM&A Manual. Any change to the EM&A requirements or programme shall be justified by the ET Leader and verified by the IEC as conforming to the relevant requirements set out in the EM&A Manual and shall seek the prior approval from the Director before implementation.
- 3.2 Samples, measurements and necessary remedial actions shall be taken in accordance with the requirements of the EM&A Manual by:
  - (a) conducting baseline environmental monitoring;
  - (b) conducting impact monitoring;
  - (c) carrying out remedial actions described in Event/Action Plans of the EM&A Manual in accordance with the time frames set out in Event/Action Plans, or as agreed by the Director, in case where specified criteria in the EM&A Manual are exceeded; and
  - (d) logging and keeping records of details of all parameters within 3 working days of the collection of data or completion of remedial action(s), for the purpose of preparing and submitting the monthly EM&A Reports and to make available for inspection on site.
- 3.3 Four hard copies and one electronic copy of the Baseline Monitoring Report shall be submitted to the Director at least 2 weeks before the commencement of construction of the Project. The submissions shall be certified by the ET Leader and verified by the IEC as complied with the requirements as set out in the EM&A Manual before submission to the Director. Additional copies of the submission shall be

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provided upon request by the Director.

- 3.4 Four hard copies and one electronic copy of monthly EM&A Report shall be submitted to the Director within 10 working days after the end of each reporting month throughout the entire construction period. The monthly EM&A Reports shall include a summary of all non-compliance. The submissions shall be certified by the ET Leader and verified by the IEC as complying with the requirements as set out in the EM&A Manual before submission to the Director. Additional copies of submission shall be provided upon request by the Director.
- 3.5 All EM&A data submitted under this Permit shall be true, valid and correct.

#### 4. <u>Electronic Reporting of EM&A Information</u>

- 4.1 To facilitate public inspection of EM&A Reports via the EIAO Internet Website and at the EIAO Register Office, electronic copies of these Reports shall be prepared in Hyper Text Markup Language (HTML) (version 4.0 or later) and in Portable Document Format (PDF version 1.3 or later), unless otherwise agreed by the Director and shall be submitted at the same time as the hardcopies as described in Condition 3.3 and 3.4 of this Permit. For the HTML version, a content page capable of providing hyperlink to each section and sub-section of these Reports shall be included in the beginning of the document. Hyperlinks to all figures, drawings and tables in these Reports shall be provided in the main text from where the respective references are made. All graphics in these Reports shall be in interlaced GIF format unless otherwise agreed by the Director. The content of the electronic copies of these Reports must be the same as the hardcopies.
- 4.2 The Permit Holder shall, within six weeks after the commencement of construction of the Project, set up a dedicated web site and notify the Director in writing the Internet address where the environmental monitoring and project data is to be placed. All environmental monitoring data described in Condition 4.1 above shall be made available to the public via a dedicated web site to be set up by the Permit Holder in the shortest practicable time and in no event later than two weeks after the relevant environmental monitoring data are collected or become available, unless otherwise agreed with the Director. The Permit Holder shall maintain the dedicated website for public access of the environmental monitoring data and reports throughout the construction period of the Project, or otherwise as agreed by the Director.
- 4.3 The Internet website as described in Condition 4.2 above shall enable user-friendly public access to the monitoring and project data including the Project Profile, the approved EIA Report, the Environmental Permit(s) and all finalised submissions required under this Permit. The Internet website shall have features capable of:
  - (a) providing access to all environmental monitoring data collected since the commencement of works;
  - (b) providing access to all finalized submissions as required under this Permit;
  - (c) searching by date;
  - (d) searching by types of monitoring data; and
  - (e) hyperlinks to relevant monitoring data after searching;

or otherwise as agreed by the Director.

Table 1: Recommended Tree Species for Tree Compensation on Ground Floor\*

Unit 9-10, 16/F, Shatin Galleria, No. 18-24 Shan Mei Street, Fo Tan, N.T., Hong Kong

Tree Species suitable for Ground Floor Planting	g
Ailanthus fordii (Ailanthus)	Melaleuca quinquenervia (Paper-bark tree)

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Bauhinia purpurea (Hong Kong orchid tree) Cassia surattensis (Sunshine Tree) Grevillea robusta (Silky Oak) Plumeria rubra (Red Frangipani) Terminalia mantaly (Madagascar Almond)

Table 2: Recommended Tree Species for Tree Compensation on Roof Garden\*

Tree/Large Shrub Species suitable for Green Roof Planting							
Cassia surattensis (Sunshine Tree)	Osmanthus fragrans (Sweet Osmanthus)						
Lagerstroemia indica (Crape-myrtle)	Plumeria rubra (Red Frangipani)						

\*Based on Tree Assessment Schedule in EIA Report Appendix 8-5

### Notes:

註:

 This Permit consists of three parts, namely, <u>Part A</u> (Main Permit), <u>Part B</u> (Description of Designated Project) and <u>Part C</u> (Permit Conditions). Any person relying on this permit should obtain independent legal advice on the legal implications under the EIAO, and the following notes are for general information only.

本許可證共有3部,即<u>A部</u>(許可證主要部分);<u>B部</u>(指定工程項目的說明)及<u>C部</u>(許可證條件)。 任何援引本許可證的人士須就環評條例的法律含意徵詢獨立法律意見,下述註解只供一般參考 用。

- 2. If there is a breach of any conditions of this Permit, the Director or his authorized officer may, with the consent of the Secretary for the Environment, order the cessation of associated work until the remedial action is taken in respect of the resultant environmental damage, and in that case the Permit Holder shall not carry out any associated works without the permission of the Director or his authorized officer. 如違反本許可證的任何條件,署長或獲授權人員徵得環境局局長的同意後可勒令停止相關工程,直至許可證持有人為所造成的環境損害採取補救行動為止。在此情況下,許可證持有人未經署長或獲授權人員同意,不得進行任何相關工程。
- 3. The Permit Holder may apply under Section 13 of the EIAO to the Director for a variation of the conditions of this Permit. The Permit Holder shall replace the original permit displayed on the Project site by the amended permit. 許可證持有人可根據環評條例第13條的規定向署長申請更改本許可證的條件。許可證持有人須把 經修改的許可證替換在工程項目工地內展示的原有許可證。
- 4. A person who assumes the responsibility for the whole or a part of the designated project(s) may, before he assumes responsibility of the designated project(s), apply under Section 12 of the EIAO to the Director for a further environmental permit. 承擔工程項目整項或部分工程的責任的人,在承擔責任之前,可根據環評條例第12條的規定向署 長申請新的環境許可證。
- 5. Under Section 14 of the EIAO, the Director may with the consent of the Secretary for the Environment, suspend, vary or cancel this Permit. The suspended, varied or cancelled Permit shall be removed from display at the Project site. 根據環評條例第14條的規定,署長可在環境局局長的同意下暫時吊銷、更改或取消本許可證。遭暫時吊銷、更改或取消的許可證必須從工程項目工地除下,不再展示。
- 6. If this Permit is cancelled or surrendered during construction or operation of the Project, another environmental permit must be obtained under the EIAO before the Project could be continued. It is an offence under Section 26(1) of the EIAO to construct or operate a designated project listed in Part 1 of

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Schedule 2 of the EIAO without a valid environmental permit.

如果本許可證在工程項目建造或營辦期間取消或交回,則在繼續進行工程項目之前,必須先根據 環評條例規定取得另一份環境許可證。根據環評條例第26(1)條的規定,任何人在沒有有效環境許 可證的情況下建造或營辦環評條例附表2第1部所列明的指定工程項目,即屬犯罪。

- Any person who constructs or operates the Project contrary to the conditions in the Permit, and is convicted of an offence under the EIAO, is liable: 如任何人在違反本許可證的條件下建造或營辦工程項目,根據環評條例,即屬犯罪-
  - on a first conviction on indictment to a fine of \$2 million and to imprisonment for 6 months;
     一經循公訴程序首次定罪,可處罰款200萬元及監禁6個月;
  - (ii) on a second or subsequent conviction on indictment to a fine of \$5 million and to imprisonment for 2 years;

一經循公訴程序第二次或其後每次定罪,可處罰款500萬元及監禁2年;

- (iii) on a first summary conviction to a fine at level 6 and to imprisonment for 6 months;
   一經循簡易程序首次定罪,可處第6級罰款及監禁6個月;
- (iv) on a second or subsequent summary conviction to a fine of \$1 million and to imprisonment for 1 year; and

一經循簡易程序第二次或其後每次定罪,可處罰款100萬元及監禁1年;及

- in any case where the offence is of a continuing nature, the court or magistrate may impose a fine of \$10,000 for each day on which he is satisfied the offence continued. 在任何情況下如該罪行屬連續性質,法院或裁判官可就其信納該罪行連續的每一天另處罰 款10,000元。
- The Permit Holder may appeal against any condition of this Permit under Section 17 of the EIAO within 30 days of receipt of this Permit.
   許可證持有人可在接獲本許可證後30天內,根據環評條例第17條就本許可證的任何條件提出上 訴。
- The Notes are for general reference only and that the Permit Holder should refer to the EIAO for details and seek independent legal advice.
   上述註解只供一般參考用,欲知有關詳情,許可證持有人須參閱環評條例及徵詢獨立法律意見。

### <u>Environmental Permit No. EP-454/2013</u> 環境許可證編號EP-454/2013

Figure 1 Figure 2 Figure 3

[ Back to First Page ] / [ Back to Main Index ]

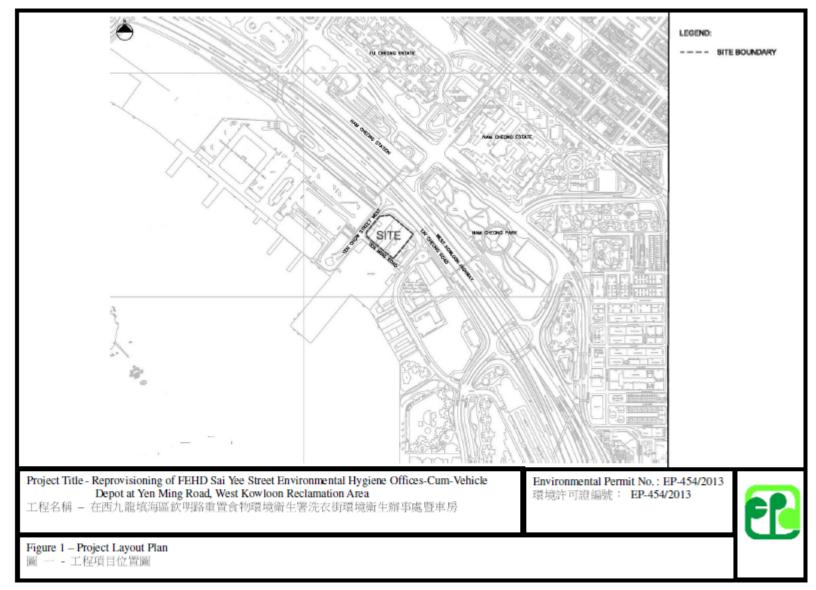
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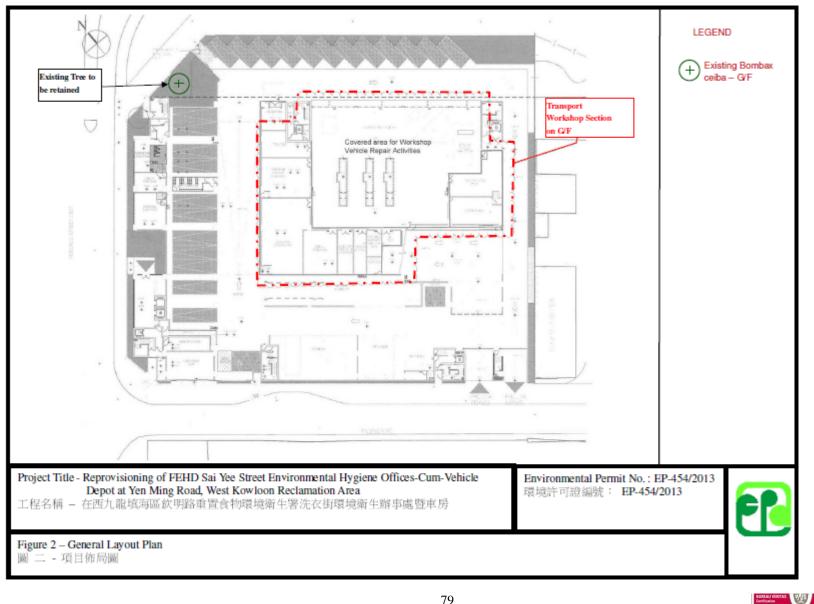
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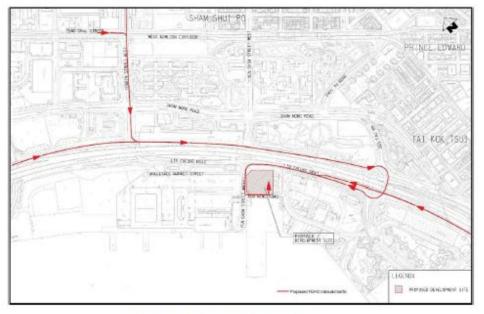


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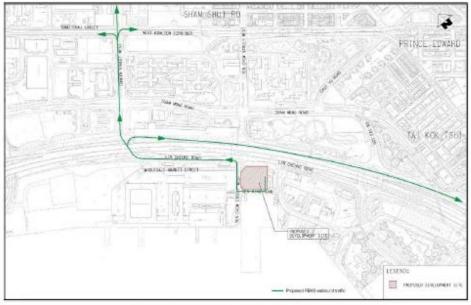


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### IN-BOUND TRAFFIC ROUTING



## OUT-BOUND TRAFFIC ROUTING



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### (b) Discharge License

WE/D/EPI 本署檔號 Our Ref: **Environmental Protection Department Environmental Compliance Division** EP482/269A/0017/I/164099 環保法規管理科 來函檔號 Regional Office (East) 區域辦事處(東) Your Ref. 5th Floor, Nan Fung Commercial Centre, 香港九龍九龍灣臨樂街 Tel. No.: 19 Lam Lok Street, Kowloon Bay, 十九號南豐商業中心五樓 圖文傳真 2117 7539 Kowloon, Hong Kong Fax No.: ECEIV 2756 8588 CC KKFu/ Telemix 電子郵件 E-Mail: 01 A 2/16 Homepage: http://www.epd.gov.hk/ RY: BY REGISTERED POST

China Road and Bridge Corporation Flat 07-11, 23A/F., K. Wah Centre, 191 Java Road, North Point, Hong Kong (Attn.: Chung Wai Hoi)

Dear Sir / Madam,

#### Water Pollution Control Ordinance (WPCO) Junk Bay / Port Shelter / Mirs Bay / Eastern Buffer / Victoria Harbour (Phase I / II) Water Control Zone <u>Application for a licence to discharge from</u> <u>Construction Site of Reprovisioning of Food and Environmental Hygiene Department</u> <u>Sai Yee Street Environmental Hygiene Offices-Cum-Vehicle Depot at Yen Ming Road,</u> <u>West Kowloon Reclamation Area</u>

In response to your above application dated <u>11 December 2015</u>, I enclose herewith a licence granted under the WPCO.

The granting of the licence <u>does not</u> imply that your discharge has complied with the licence's requirements. You should therefore read the terms and conditions of the licence carefully, particularly regarding the place, quality and rate of discharge as well as the sampling, treatment, disposal and site management requirements and ensure that they are fulfilled.

If there is any uncertainty about the terms and conditions of the licence, please contact <u>Ms Y L TSANG</u> at Tel. <u>2117 7546</u>. If that is not resolvable, you may lodge an appeal in the prescribed manner and form with the Water Pollution Control Appeal Board within 21 days after receipt of the licence.

Thank you for your effort in protecting the environment.

Yours faithfully,

( CHAN Kin Ki ) Environmental Protection Officer Regional Office (East) Environmental Compliance Division for Director of Environmental Protection

The Original WPCO Licence

香港沙田火炭山尾街 18-24 號沙田商業中心 16 樓 9-10 室 Tel.: (852) 3563 7003 Fax.: (852) 3563 7018 網址: http://www.telemaxeem.com Unit 9-10, 16/F, Shatin Galleria, No. 18-24 Shan Mei Street, Fo Tan, N.T., Hong Kong

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掛號函件

先生/女士:

## 水污染管制條例 <del>將軍澳/牛尾海/大鵬灣/東部緩衝區/</del>維多利亞港(第一/二期) 水質管制區 <u>申領牌照於西九龍填海區欽明路重置食物環境衛生署洗衣街環境衛生辦事處暨車房</u> <u>之建築地盤排放污水</u>

有關你於 2015年12月11日 就上址申領污水排放牌照,本署現在附上按上述條例簽發的牌照,請你查收。

發出這牌照並非代表你的排放已符合牌照上的要求,你必須細閱牌照的條文和 條款,確保排放點、污水成份和流量、與及抽取樣本、處理設施、棄置及設施管理方 面能符合牌照要求。

若你就牌照的條文及條款有任何疑問,請致電 <u>2117 7546</u> 與 <u>曾玉玲</u>小 姐聯絡。如未能解決,你亦可在領到牌照後二十一日內,以指定的方式和表格,向水 污染管制上訴委員會提出上訴。

多謝你致力保護環境。

環境保護署署長 環保法規管理科 區域辦事處(東) (環境保護主任 陳健基 代行)

年月日

隨函附件:水污染管制牌照正本

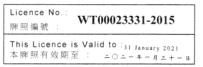


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## ENVIRONMENTAL PROTECTION DEPARTMENT 環境保護署

WATER POLLUTION CONTROL ORDINANCE (CAP. 358) 水污染管制條例(第358章)

### LICENCE PURSUANT TO SECTION <del>15/20/23A</del>\* 按第<del>15</del>/20/23A\*條簽發的牌照

The Director of Environmental Protection ("the Authority") grants this licence under the Water Pollution Control Ordinance ("the Ordinance") on the terms and conditions stated below.

環境保護署署長(「監督」)按下列的條款及條件,根據水污染管制條例(「本條例」)批給此牌照。

22 January 2016

Date 日期

# (CHAN Kin Ki) For *the Authority* 監督 (陳健基代行)

### PARTA 甲部 : GENERAL TERMS 一般條款

Name of Licensee ("the Licensee") 持 牌 人 名 稱 (「持 牌 人」)	China Road and Bridge Corporation 中國路橋工程有限責任公司	
Discharge Premises ("the premises") 排 放 處 所 (「處 所」)	Construction Site of Reprovisioning of Food and Environmental Hygiene Department Sai Yee Street Environmental Hygiene Offices-Cum-Vehicle Depot at Yen Ming Road, West Kowloon Reclamation Area (See Annex) 西九龍填海區欽明路重置食物環境衛生署洗衣街環境衛生辦事處暨車房之 建築地盤(參考附件)	
Water Control Zone 水 質 管 制 區	Victoria Harbour (Phase II) 維多利亞港(第二期)	
Discharge Category 排 放 種 類	Discharge of Industrial/ <del>Commercial/Institutional</del> * Trade Effluent 工業/ <del>商業/機構</del> *污水排放	
Nature of Discharge and Wastewater Treatment Facilities 排放性質及廢水處理設施	Effluent arising from construction site 由建築工程所產生的廢水 Sedimentation Tank 沉澱池	
Discharge Point(s)         Discharge into communal storm water drain           排 放 點         排放入公用雨水渠		
Sampling Point(s)         Sampling point at discharge outlet of the treatment facilities           取 樣 點         取樣點位於處理設施之出水口		
*Delete as appropriate 將下適用打鍋去		

Reference No. 参考编统 EP482/269A/0017/I/164099

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EPD156





#### SPECIFIC CONDITIONS 特別條件 PARTB 乙部 :

# B1. Limitations on Discharge 排放限制

The quantity and composition of any discharge from the premises shall not exceed the limits stated in the table below<sup>(Note a)</sup>. All figures are upper limits unless otherwise indicated. All units are expressed as concentration in milligramme per litre unless otherwise stated.

任何源自處所之排放的量和成份不得超過下表所列的限度。從用的。除另予表明外,所有數字均為上限。除另予說明 外,所有單位均以毫克/升的濃度表示。

所有半位的人名达尔	
Determinand 測量物	Limit 限度
Flow Rate (m³/day)	20
流量 (立方米 / 日) Suspended Solids	30
懸浮固體	80
Chemical Oxygen Demand 化學需氧量	6-9#
pH (pH units) 酸鹼值(pH 單位)	0-9-

# Range 上下限

# B2. Self-monitoring and Reporting 自行監測及報告

- The Licensee shall perform self-monitoring as and when required by the Authority.  $\forall$
- 持牌人須在監督要求時進行自行監測。
- The Licensee shall sample the discharge at the Sampling Point(s) and, at his own expense carry out analyses in accordance with the sample type and measurement frequency specified for each determinand named below:-持牌人須在取樣點為排放抽取樣本,並依照下列指定的測量物、取樣形式及頻率,自資予以分析。

Determinand 測量物 Unit 單 位	Sample Type 取樣形式	Frequency 頻 率
--------------------------	------------------	---------------

Results of these monitoring shall be summarized in a report on a monthly/bi-monthly/quarterly\* basis and shall be submitted to the Authority.

所有監測結果須以摘要形式,每一個月/兩個月/三個月\*作出紀錄,並呈交審閱。

\*Delete as appropriate 將不適用者膨去

EPD156

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### PART C 丙 部 : STANDARD CONDITIONS 標 準 條 件

#### C1. The Discharge 排放

- C1.1 The discharge shall not contain polychlorinated biphenyls (PCB), polyaromatic hydrocarbon (PAH), fumigant, pesticide or toxicant, chlorinated hydrocarbons, flammable or toxic solvents, calcium carbide; any substance likely to damage the sewer or to interfere with any of the treatment processes, or to be harmful to the health and safety of any personnel engaged in the operation or maintenance of a sewerage system; waste liable to form scum or deposits in any part of the drainage or sewerage system, or the waters of Hong Kong; waste liable to form discolouration in any parts of the waters of Hong Kong; sludge, floatable substances or solids larger than 10 mm; and sludge or solid refuse of any kind. 排放不得含有多氢聯苯、聚芳烴、薰蒸劑、穀蟲劑或毒劑、氯化烴、可燃的或有毒的溶劑、碳化鈣; 會損毀污水渠結構或干擾任何處理程序的物質,或有損操作及維修排污系統人員健康及安全的任何物質;足以在排水或排污系統,或香港水域任何範圍內形成浮渣或沉積物的廢物;足以在香港水域任何範圍內形成變色的廢物;污泥、漂浮物質或體積超越10毫米的固體;及任何種類的污泥或固體垃圾。
- C1.2 No discharge shall bypass the wastewater treatment facilities, the Sampling Point(s) or the Discharge Point(s) unless it is unavoidable to prevent loss of life, personal injury or severe property damage or no feasible alternative exists.

除非避免人命傷亡或嚴重財物損失或無其他可行代替辦法,排放不得繞流不經其廢水處理設施,取樣點或 排放點。

C1.3 Dilution of the discharge to achieve compliance with the limits contained in this licence is prohibited. 不得將排放稀釋,以求達到本牌照內所訂的限度。

#### C2. Flow Measurement 量度流量

The Licensee shall determine the flow rate of the discharge by installing, operating and maintaining a continuous flow measuring device with an accuracy certified by its manufacturer to be within plus or minus 3 percent of the actual flow, and calibrating the flow measuring device regularly according to manufacturer's recommendations. If no such device is installed, the Licensee shall determine the flow rate through using calculation methods agreed by the Authority, by making reference to the amount of water used in the premises being served by mains supply and other sources, less process consumption and any other losses.

持牌人必須設置、操作及保養一個連續性流量計作為測定排放的流量率之方法,其準確程度須經製造商證實為不 超逾或低於真正流量的3%,並應根據製造商建議的方法,定期校準流量計。如沒有設置該設備,持牌人須依照 監督同意的計算方法,根據處所由自來水及其他水源供應的總用水量減去工序耗水量及其他耗水量來測定流量 率。

#### C3. Treatment 處理

C3.1 The Licensee shall provide necessary wastewater treatment facilities, and shall engage personnel with adequate qualification and experience to properly operate and maintain all wastewater treatment facilities at all times. Standby equipment shall be provided to guard against failure of major treatment equipment.

持牌人須提供必需的廢水處理設施,並須僱用有足夠資格及經驗的人士,時常妥善操作及保養所有廢水處 理設施。主要處理設施須配有後備裝置,以應付故障發生。

C3.2 In the event of loss of efficiency of operation, or failure of all or part of the wastewater treatment facility, the Licensee shall take all reasonable steps to the extent necessary to maintain compliance with this licence. Such steps shall remain until operation of the wastewater treatment facility is restored or an alternative method of treatment is provided.

倘若部份或整個廢水處理設施操作失靈或發生故障,持牌人須採取所有必要的合理措施,以求達到符合本 牌照的規定。此等措施須維持至廢水處理設施恢復如常操作或有其他代替的處理方法可供採用為止。

C3.3 If the wastewater treatment facilities are not properly operated and maintained to the satisfaction of the Authority, the Licensee shall take immediate and effective remedial actions as required by the Authority.

倘若廢水處理設施的操作及保養未能令監督滿意,持牌人須按監督之規定,採取即時及有效的補救行動。

C4. Disposal 棄置

Sludges, screenings, solids, oil and grease, filter backwash, or other pollutants removed in the course of treatment shall be disposed of in a proper manner<sup>(Note b & c)</sup>. 處理過程中所產生的污泥、隔濾物、固體、油脂、過濾器回洗或其他污染物,必須妥善地棄置<sup>(WEE b & c)</sup>。

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#### C5. Monitoring 監測

- C5.1 The Licensee shall provide and maintain suitable facility such as an inspection chamber, manhole or sampling valve at each Sampling Point to enable duly authorized officer(s) of the Authority to take samples of the discharge at any time from the premises. 持牌人須在每一個取樣點提供及保養適當的設施,例如檢查槽,沙井或取樣閥,以確保獲監督授權的人員
- C5.2 For self-monitoring, "grab samples" shall be taken during the period when the determinand to be analyzed for is likely to be present in its maximum concentration. "Composite samples" shall include samples taken over daily duration of the discharge. 在自行監測中,「隨意取集樣本」須在測量物的濃度很可能是最高的那段時間內抽取。「綜合樣本」須包 含在每日排放期間不同時候所抽取的樣本。
- C5.3 For self-monitoring, all samples shall be analyzed in accordance with the most updated analytical methods used by the Government Chemist (Note dy). 在自行監測中,所有樣本均須按照政府化驗師所採用的最新分析方法予以分析 (Met d)。

#### C6. Records and Reporting 紀錄及報告

隨時可在處所內抽取排放樣本。

C6.1 The Licensee shall keep the following records in the premises for inspection by duly authorized officer(s) of the Authority:

持牌人須在處所內保存下列紀錄,以備獲監督授權的人員隨時查閱:

- records of flow rate, nature and composition of the discharge; 排放流量率、性質及成份的紀錄;
- (ii) updated records of all monitoring information, including all laboratory analytical results relating to samples taken, all original chart recordings for continuous flow and pH monitoring; and 所有最新監測資料的紀錄,包括所有關於已取樣本的檢驗分析結果、所有連續性流量及酸鹼值監測 記錄圖表的正本;及
- (iii) records of all desludging and degreasing operation, and records of corresponding disposal operation.

所有清除污泥和清理隔油池廢物工序的紀錄,及其棄置工序的紀錄。

Copies of all such records shall be submitted to the Authority upon request. 在監督要求時,須向監督呈交所有該等紀錄的副本。

C6.2 The Licensee shall notify and explain to the Authority within 24 hours upon the occurrence of an accidental discharge or any emergency bypass or an overflow of untreated effluent or an operation upset which places the discharge in a temporary state of non-compliance with this licence. The Licensee shall within 7 days following the incident, submit to the Authority a detailed report in writing on the cause and duration of the non-compliance. Reporting in accordance with this Condition does not relieve the Licensee of any obligations imposed by this licence.

倘若有未經處理的污水意外排放、緊急繞流或溢滿的事件或操作失靈,引至排放出現短暫不符合牌照規定 的情況,持牌人須在事發後24小時內立即知會監督並予以解釋。持牌人須在事故發生後7天內,以書面 報告,詳述事件的起因、違反牌照條件的時間及為減少、消除或防止類似事件再次發生所採取或將會採取 的措施,送交監督審閱。然而,按照本條件的規定提交報告並不表示持牌人可獲免除承擔本牌照內所載的 任何責任。

#### C7. Operation Manual 操作手冊

The Licensee shall prepare an operation manual which shall include, as a minimum, operating procedures, inspection programme and repair and maintenance programme for the wastewater treatment facilities. The operation manual shall be kept at the aforesaid wastewater treatment facilities and a copy of the manual shall be submitted to the Authority upon request.

持牌人須擬備廢水處理設施的操作手冊。手冊內容須最低限度包括操作程序、檢查、維修及保養工作計劃表。該 手冊須保存在上述廢水處理設施內。持牌人須在監督要求時,呈交手冊副本乙份。

#### C8. Notification of Change 更改通知

The Licensee shall notify the Authority in writing within 14 days of any changes or proposed changes in the processes of manufacture or the nature of the raw materials used or of any other circumstances which may alter the nature and composition of the discharge or may result in the permanent cessation of the discharge. 倘若持脾人更改或擬更改其生產程序、或所用原料的性質、或有其他足以改變其排放的性質及成份或可導致永久性終止排放的事情,必須在14日內以書面通知監督。

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EPD156

香港沙田火炭山尾街 18-24 號沙田商業中心 16 樓 9-10 室 Tel.: (852) 3563 7003 Fax.: (852) 3563 7018 網址: http://www.telemaxeem.com

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Not	es 附註
(a)	For the purposes of determining compliance with the limits stated in Specific Condition B1, samples shall be taken by the duly authorized officer(s) of the Authority at the Sampling Point(s) or any other points from which the samples so taken are regarded by the Authority as being representative of the quality of the discharge. When any single sample analyzed for a determinand is proved not complying with corresponding limit set out in the table, the discharge is deemed to have failed to comply with Specific Condition B1.
	Condution B1. 為確定排放是否符合特別條件第 B1 項內所列的限度,獲監督授權的人員須在取樣點或在監督認為可以抽取到具代表性的樣本的任何其他位置抽取樣本。只要在任何一個經分析的樣本中,證實任何一個測量物不符合表中所列的相應限度時, 排放即被視為不符合特別條件第 B1 項。
(b)	An example of proper disposal method for sludge is sending dewatered sludge to landfill for disposal. 妥善棄置污泥方法中的一個例子是將脫水後的污泥運往堆填區棄置。
(c)	Proper disposal of grease trap waste includes but is not limited to employing any reputable firm or collector who will use the right equipment and dispose of the collected grease trap waste at West Kowloon Transfer Station. The updated list of grease trap waste collectors who are using the disposal service at West Kowloon Transfer Station is maintained in the EPD website and Green Restaurant website.
	妥善的隔油池廢物棄置方法包括卻不限於聘用任何信譽良好的公司/收集商使用適當的設備在四九龍廢物轉進佔業且所 收集的隔油池廢物。環保署網站及環保食肆網均載有目前使用西九龍廢物轉進站棄置隔油池廢物的收集商最新名單。
(d)	The Licensee may make reference to Annex 1 of the <technical effluent="" memorandum="" on="" standards=""> for analytical methods used</technical>
	by the Government Chemist. 持牌人可參照「流出物標準技術備忘錄」附件1有關政府化驗師所採用的分析方法。
(e)	The Licensee shall keep this licence in the premises and make it available at all times for inspection by duly authorized officer(s) of
	the Authority. 持牌人須在處所內保存此牌照,以備獲監督授權的人員隨時查閱。
Ø	(i) The Licensee shall allow duly authorized officer(s) of the Authority to enter the premises for the purposes of inspection, sampling, records examination or any other duties authorized by Section 37 and Section 38 of the Ordinance. 持牌人須准許獲監督授權的人員進入處所內進行檢查、抽取樣本、審查紀錄或執行其他根據本條例第 37 及第 38 條 所授權的職務。
	<ul> <li>(ii) Where the premises has security measures in force which would require proper identification and clearance before entry, the Licensee shall make necessary arrangements such that upon presentation of evidence of identity and of authorization, duly authorized officer(s) will be permitted to enter, without delay, for the purposes of performing duties.</li> <li>倘若由於處所的保安理由而需先行鑑定來人的身份,持牌人必須作出必要的安排,以便獲授權人員在出示身份證明 及授權文件後,即可內進執行其職務而不致受延誤。</li> </ul>
(g)	(i) For a licence granted under Section 15 of the Ordinance, the Licensee may, not less than 2 months before expiry of the licence, apply under Section 19 of the Ordinance for a new licence. The Authority may grant the licence or otherwise. 持有根據本條例第 15 條所批給牌照的人士,可於牌照屆滿前不少於 2 個月內,根據本條例第 19 條的規定,申請一面新牌照。監督可批給或拒絕批給牌照。
	<ul> <li>(ii) For a licence granted under Section 20 or 23A of the Ordinance, the Licensee may, not more than 4 months and not less than 2 months before expiry of the licence, apply under Section 23 or 23A respectively of the Ordinance for renewal of licence.</li> </ul>
	The Authority may renew the licence or otherwise. 持有根據本條例第 20 條或第 23 A 條所批給牌照的人士,可於牌照屆滿前不多於 4 個月及不少於 2 個月內,根據本 條例的第 23 或 23 A 條的規定,申請牌照續期。監督可將牌照續期或拒絕將牌照續期。
(h)	Under Section 24 of the Ordinance, the Authority may by notice in writing, impose new or amended terms and conditions on this licence or cancel this licence. Under Section 25, 26 and 27 of the Ordinance, a Licensee whose licence has been so varied or
	cancelled may be entitled to compensation. 根據本條例第 24 條的規定,監督可以書面通知,向本牌照施加新訂或經修訂的條款及條件,或取消本牌照。根據本條例 第 25、26 及 27 條的規定,被更改或取消牌照的持牌人可能會獲得補償。
<i>(i)</i>	根據本條例第 28 條的規定,持牌人可向監督申請更改本牌照。
(j)	Under Section 49 of the Ordinance, this licence shall not be construed as a dispensation from the requirements of any other Ordinance except where that other Ordinance so provides. 根據本條例第 49 條的規定,本牌照並不得解釋為豁免符合任何其他條例的規定,除非該其他條例如此訂定。
(k)	The licensee should ensure good practice is carried out in dealing with discharges from the construction site. The licensee should make reference to the EPD's Practice Note for Professional Persons, No. PN 1/94, "Construction Site Drainage". 持牌人須確保妥善處理地盤之去水排放。持牌人可參考環保署印發之 Practice Note for Professional Persons, 編號 PN 1/94, "Construction Site Drainage"

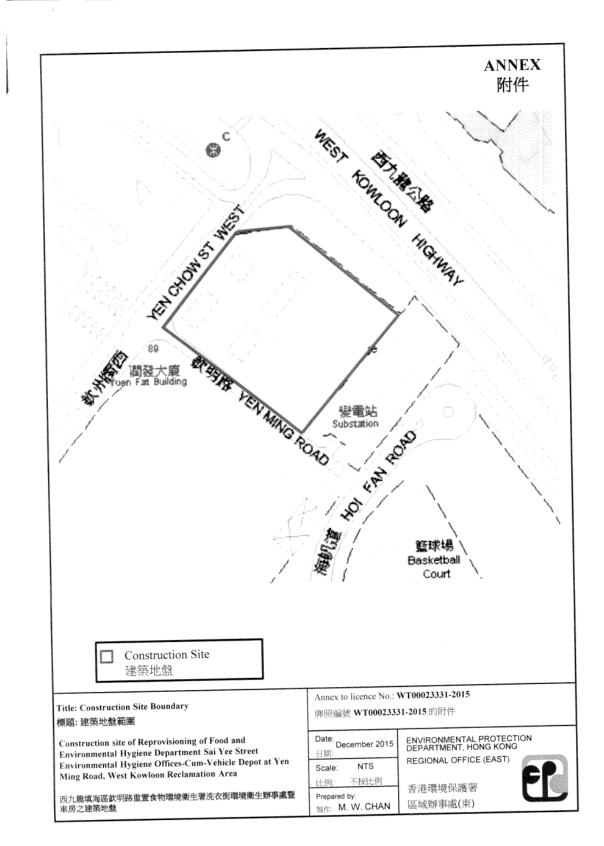
香港沙田火炭山尾街 18-24 號沙田商業中心 16 樓 9-10 室 Tel.: (852) 3563 7003 Fax.: (852) 3563 7018 網址: http://www.telemaxeem.com Unit 9-10, 16/F, Shatin Galleria, No. 18-24 Shan Mei Street, Fo Tan, N.T., Hong Kong



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Tel.: (852) 3563 7003 Fax: (852) 3563 7018 www.telemaxeem.com (c) Chemical Waste Producer Registeration

本著指號 Our Ref: 家函楷號 396912 電 話 Tel. No.: 2117 7539 圖文傳真 Fax No.: 2756 8588 電子郵件 E-Mail: 別 近 Homepage: http://www.epd.gov.hk/ <u>By Registered Post</u>	Environmental Protection Department Environmental Compliance Division Regional Office (East) 5th Floor, Nan Fung Commercial Centre, 19 Lam Lok Street, Kowloon Bay, Kowloon, Hong Kong. 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	CC. W	環境保護署 環保法規管理科 區域辦事處(東) 5巻九龍九龍海臨華街 十九號南聖商業中心五樓 ノの(EPD) 10 JAN 2015 CC KKFu/ Tele www,
Dear Sir/Madam,			

Waste Disposal Ordinance (Cap. 354) Waste Disposal (Chemical Waste) (General) Regulation Registration as a Chemical Waste Producer <u>Completion of Registration</u>

I am pleased to inform you that your registration with this department as a chemical waste producer has been completed.

The assigned Waste Producer Number (WPN) and the particulars of your establishment are printed in the enclosed form (EPD 130). If you consider there are any discrepancies about the particulars, please notify me immediately, quoting the assigned WPN.

The "EPD 130" is an important document, please archive appropriately. This registration is not transferable and will be valid only in respect of the applicant and the premises registered. In future when there is change in the registration particulars, you should inform this department as soon as possible so that our record can be amended accordingly. Under section 7 of the above regulation, failure to notify this department of relevant changes is an offence and liable to a maximum fine of HK\$10,000.

For enquiries, please contact us at Tel 2117 7546.

Yours faithfully,

( CHAN Kin Ki ) Environmental Protection Officer for Director of Environmental Protection

Encl.





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	Environmental Protection Department 環境保護署				
	Waste Disposal Ordinance (Chapter 354)				
		香港法例第354章廢物處置條例			
	Waste Disposal ( Chemical Waste )( General ) Regulation 廢物處置(化學廢物)(一般)規例				
		Registration of Waste Producer			
F		廢物產生者登記證			
To: 致	Chemical Waste Producer	全名 (英文) CHINA ROAD AND BRIDGE CORPORATION			
	化學廢物產	(Chinese)         中國路橋工程有限責任公司         I.D. Card No. (if any)           (中 文)			
	生者	Business Reg. Cert. No. (if any) 商業登記證號碼: (如有者)			
		Address for Correspondence 通 訳 地 <u>北: FLAT 07-11, 23A/F., K.WAH CENTRE, 191 JAVA ROAD, NORTH POINT, HONG</u>			
		KONG			
		Tel. No.         Fax No.           電話:         2283 1688         圖文傳真:         2283 1689			
	With referen	nce to your application dated 11 / 12 / 2015 for registration as a Waste			
	Producer un	nder the Waste Disposal (Chemical Waste) (General) Regulation, the Waste Producer Number,			
		$2   1   3^{-2}   6   9^{-1}   2   3   2   -1   8   is assigned to you in respect of the location or premises$			
	listed below				
)	前於 <u>2015</u>	2年_12_月_11_日 根據廢物處置(化學廢物)(一般)規例而來信,申請登記為廢物產生者,茲特配			
2	予廢物產生者	編號第 52113-269-01232-18 號,予下開地點或處所:			
	Location or	Name of Establishment         CHINA ROAD AND BRIDGE CORPORATION           機構名稱:         中國路橋工程有限責任公司			
	Premises where the	Business Reg. Cert. No. (if any) 16058447-000-08-15-A			
	waste is	岡 来 立 記 證 號 嚩:(如月者)			
	produced	Nature of Business 業務性質: CONSTRUCTION SITE			
	產生廢物	Major chemical waste types			
	的地點或	主要化學廢物種類:SURPLUS PAINT, SPENT LUBRICATION OIL			
	處所				
	Address REPROVISIONING OF FOOD AND ENVIRONMENTAL HYGIENE DEPARTMENT SAI 地 址:				
		YEE STREET ENVIRONMENTAL HYGIENE OFFICES-CUM-VEHICLE DEPOT AT YEN			
	MING ROAD, WEST KOWLOON RECLAMATION AREA				
L					
	DULAN AND AND AND AND AND AND AND AND AND A				
	(CHAN Kin Ki)				
	tor Director of Environmental Protection 環境保護署署長(陳健基 代行)				
	Date 15 1 2016 日期				
WAI	RNING : A	ny registered waste producer who fails to inform the Director of Environmental Protection of any			
睯	告:日	hange in his registration particulars commits an offence and is liable on conviction to a fine of \$10,000。 任何已登記的廢物產生者,若其登記資料有任何改變而不知會環境保護署署長,即屬違法,被定罪者最高罰款			
	灌	を幣10,000元。			

EPD 130

香港沙田火炭山尾街 18-24 號沙田商業中心 16 樓 9-10 室 Tel.: (852) 3563 7003 Fax.: (852) 3563 7018 網址: http://www.telemaxeem.com Unit 9-10, 16/F, Shatin Galleria, No. 18-24 Shan Mei Street, Fo Tan, N.T., Hong Kong

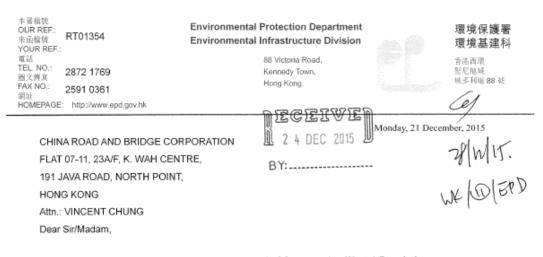


(Nov 2012)



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(d) Billing Account for Disposal of Construction Waste



Waste Disposal (Charges for Disposal of Construction Waste) Regulation Approval of Application for Billing Account (Construction work contract with value of \$1 million or above) Application No.: <u>RT01354</u>

I am pleased to inform you that your application for billing account for disposal of construction waste under the following construction work contract has been approved under Section 6 and 9 of the Waste Disposal (Charges for Disposal of Construction Waste) Regulation:

Contract No.: SS D505

Contract Name: REPROVISIONING OF FEHD SAI YEE STREET ENVIRONMENTAL HYGIENE OFFICES-CUM-VEHICLE DEPOT AT YEN MING ROAD, WEST KOWLOON RECLAMATION AREA (PROGRAMME NO. 182GK)

Construction Waste Generated Site: YEN MING ROAD, WEST KOWLOON RECLAMATION AREA

The account number is <u>7024032</u>. Please quote this account number for enquiries in relation to the billing account.

You are bound by the "Basic Conditions" and "Conditions of Use" accompanied with this account for disposal of construction waste at the prescribed facilities. You shall ensure that (a) the billing account established solely for the contract as stated above is used for paying any prescribed charge payable in respect of construction waste generated from construction work undertaken under the above contract; and (b) that billing account is <u>not</u> used for paying any prescribed charge payable in respect of any other construction waste <u>not</u> generated from construction work undertaken under the contract as stated above.

Regarding your application for issuance of chits, a demand note for the deposit required will be sent to you accordingly. Request for additional chits can be made using "Form 4". Please note that one chit is required for each load of construction waste to be disposed of at prescribed facility.

Should you have any queries, please contact us at 2872 1769.

Unit 9-10, 16/F, Shatin Galleria, No. 18-24 Shan Mei Street, Fo Tan, N.T., Hong Kong

Yours faithfully,

(C F Wong) Principal Environmental Protection Office for Director of Environmental Protection

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RECYCLED TATES

香港沙田火炭山尾街 18-24 號沙田商業中心 16 樓 9-10 室 Tel.: (852) 3563 7003 Fax.: (852) 3563 7018 網址: http://www.telemaxeem.com

100 WORT 100 WORT BURKAD VTRITAS Certification



(e) Construction Noise Permit



SSD505/SL/PTA/0441 Our Ref: : Date: : 22 December 2017

P&T Architects and Engineers Ltd. 33/F, 633 Kings Road, North Point, Hong Kong

Attn: Ms Clara Pang

Dear Madam,

### Construction Noise Permit for CRBC (GW-RE0978-17)

(Contract No. SSD505)

Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum-vehicle Depot at Yen Ming Road

1. Enclosed please find the captioned Construction Noise Permit for CRBC (renewed on 18/12/2017) for your reference.

2. Should you have any queries, please feel free to contact me at 97793814.

Yours faithfully, For and on behalf of China Road and Bridge Corporation KEF

K K Fu (Site Agent)

c.c

()	AECOM (CDM/SRM)	w/o Encl., E-mail
(X)	PTME Group e-mail	With Encl, E-mail + Hard copy
(X)	PTS Group e-mail	With Encl, E-mail
(X)	ArchSD (TA) - Mr Charles Tang	w/o Encl., E-mail
(X)	ArchSD (ER-BSI) - Mr M W Ho	w/o Encl., E-mail
(X)	ArchSD (COW) - Mr W Y Choi	w/o Encl., E-mail
(X)	ArchSD (PM) - Mr Dick Wan	w/o Encl., E-mail + Hard copy
(X)	ArchSD (SPM) - Mr Tse Lok Man	w/o Encl., E-mail

(X)	AECOM (BEAM) - Group e-mail	With Encl., E-mail
(X)	AEC – Mr T K Ho	With Encl., E-mail
(X)	L&S Group e-mail	w/o Encl., E-mail
(X)	PTS - R.E. Mr. Alvin Lam	With Encl., E-mail
(X)	COW - Mr Marco Leung	With Encl., E-mail
(X)	BSI – Mr K C Pang	With Encl., E-mail
(X)	CRBC - Head Office	With Encl., E-mail
(X)	CRBC - Site Office	With Encl., E-mail



Unit 9-10, 16/F, Shatin Galleria, No. 18-24 Shan Mei Street, Fo Tan, N.T., Hong Kong

音 准 北 角 道 車 道 1 9 1 戦 嘉 単 御 際 中 心 1 8 字 線 1 8 0 5 堂 1 0 空 Units 1005-10, 18年, K. Wah Centre, 191 Java Road, Moth Pohit, Hong Kong, 電話 7 et; 1652-2283 1 688 (伊夏 Fax: 863-2283 1 689 電子部第 E-mail: crbchk@crbc.com.hk 韻 Website: www.crbc.com

香港沙田火炭山尾街 18-24 號沙田商業中心 16 樓 9-10 室 Tel.: (852) 3563 7003 Fax.: (852) 3563 7018 網址: http://www.telemaxeem.com



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環境保護署

18 December 2017

環保法規管理科

區域辦事處(東)

九龍長沙灣道 303 號

長沙灣政府合署8樓

**Registered** Post

To:

China Road and Bridge Corporation Flat 07-11, 23A/F., K.Wah Centre, 191 Java Road, North Point, Hong Kong.

Dear Sirs,

#### Notice of Issue of Construction Noise Permit pursuant to section 8(6) of the Noise Control Ordinance (Cap. 400)

**Environmental Protection Department** 

**Environmental Compliance Division** 

8/F., Cheung Sha Wan Government Offices

Regional Office (East)

303 Cheung Sha Wan Road

Kowloon

I write to inform you that, under section 8(6) of the Noise Control Ordinance, the Authority has decided to issue a construction noise permit in respect of your application, which was received by the Authority on 04 December 2017, for the use of powered mechanical equipment for carrying out construction work at <u>Construction site at junction of Yen Chow</u> <u>Street West and Yen Ming Road, West Kowloon Reclamation Area, Mong Kok, Kowloon</u>.

The construction noise permit No. GW-RE0978-17 is enclosed.

You are advised to read the conditions of the permit carefully and to ensure compliance with these conditions. Any breaching of the conditions may lead to cancellation of the permit, subsequent prosecution action and the Authority's refusal to issue further permit for the above construction site.

Yours faithfully,

(YIP Ka Fan) for Authority



# **Telemax** Environmental and Energy Management Limited

Tel.: (852) 3563 7003 Fax: (852) 3563 7018 www.telemaxeem.com



(4) in EP631/K03/RE423977-17

2150 8017 2402 8275

掛號函件

致: 香港 北角 渣華道 191 號 嘉華國際中心 23A 樓 07-11 室 中國路橋工程有限責任公司

執事先生:

## 根據《噪音管制條例》(第400章)第8(6)條 發出的通知書 — 簽發「建築噪音許可證」

本監督在二零一七年十二月四日接獲你擬於<u>九龍旺角西九龍填海區欽州街西與欽</u> 明路交界的建築地盤,使用機動設備進行建築工程而提出的「建築噪音許可證」申請, 現根據《噪音管制條例》第8(6)條的規定通知你,上述的申請已被批准。

隨函附上「第 GW-RE0978-17 號建築噪音許可證」。

請細閱許可證各項條件,確保遵守。如有違反,本監督可撤銷許可證、提出檢控及 拒絕再就上述地盤簽發任何「建築噪音許可證」。

監 督

(葉嘉勲

代行)

二零一七年十二月十八日



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[reg.5(a)]

FORM 3 NOISE CONTROL ORDINANCE (Chapter 400) SECTION 8(9)

#### CONSTRUCTION NOISE PERMIT FOR THE USE OF POWERED MECHANICAL EQUIPMENT FOR THE PURPOSE OF CARRYING OUT CONSTRUCTION WORK OTHER THAN PERCUSSIVE PILING AND/OR THE CARRYING OUT OF PRESCRIBED CONSTRUCTION WORK

### CONSTRUCTION NOISE PERMIT NO. GW-RE0978-17

To: China Road and Bridge Corporation

This construction noise permit is issued in accordance with section 8 of the Noise Control Ordinance. Permission is granted for the use of powered mechanical equipment for the purpose of carrying out construction work other than percussive piling and/or the carrying out of prescribed construction work, subject to the conditions set out below. The carrying out of construction work otherwise than in accordance with the conditions may result in the permit being cancelled and in a prosecution for an offence.

#### CONDITIONS

 Construction site where the powered mechanical equipment and/or prescribed construction work may be employed : Full address : Construction site at junction of Yen Chow Street West and Yen Ming Road, West Kowloon Reclamation Area, Mong

Kok, Kowloon.. Lot No.: ---

The site boundary, that is, the boundary of the area within which the powered mechanical equipment may be used and the prescribed construction work may be carried out is delineated on the attached plan which forms part of this construction noise permit.

#### 2. \* PART/WHOLE of the site falls \* WITHIN/OUTSIDE a designated area.

#### 3. Powered Mechanical Equipment

a. Items of powered mechanical equipment which may be used inside the site boundary :

	on of item of unical equipment	No. of t	units
Refer to attached sheet			
			-
it for the use of the powered mechanic	cal equipment:		
03 January 2018	at	1900 hours	
on general holiday (including Sunday	), 0000-0700 hours	and 1900-2400 hours on any	day
ondition 3.d.1. below for the operating			pow
30 June 2018	at	2300 hours	
	Refer to attached sheet Refer to attached sheet nit for the use of the powered mechanic 03 January 2018 on general holiday (including Sunday	nit for the use of the powered mechanical equipment: 03 January 2018 at on general holiday (including Sunday), 0000-0700 hours	Refer to attached sheet

-	

香港沙田火炭山尾街 18-24 號沙田商業中心 16 樓 9-10 室 Tel.: (852) 3563 7003 Fax.: (852) 3563 7018 網址: http://www.telemaxeem.com Unit 9-10, 16/F, Shatin Galleria, No. 18-24 Shan Mei Street, Fo Tan, N.T., Hong Kong

150 MRT 150 MRT 2007 Confidentian 2007 Confident



Tel.: (852) 3563 7003 Fax: (852) 3563 7018 www.telemaxeem.com

- 4. Prescribed Construction Work
  - a. Type of prescribed construction work which may be carried out inside the site boundary :

	Identification code of type of prescribed construction work	p	Description of type rescribed construction	
		Nil		
		1000	i ora	
b.	Validity of the construction noise permi	it for the carrying out of the preser	ibed construction wo	rk:
	Date and time of commencement :	03 January 2018	at	1900 hours
	Days and hours : 0000-2400 hours of	n general holiday (including Sund	ay), 0000-0700 hou	rs and 1900-2400 hours on any day n
	being a general holiday.		9 <del>4</del>	
	This part of the permit expires on :	30 June 2018	at	2300 hours
d.		ng out of the prescribed construction	on work:	
This	construction noise permit or a copy the			chicular site entrances/exits for public
This	construction noise permit or a copy the	reof must be displayed on the con-	struction site at all ve	chicular site entrances/exits for public
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This info	construction noise permit or a copy the ormation.	reof must be displayed on the conservation of	struction site at all ve	X Ka Far
This info	ed this 18 <sup>th</sup> day of Deco	reof must be displayed on the conservation of	struction site at all ve	X Ka Far
This info	ed this 18 <sup>th</sup> day of Deco	reof must be displayed on the conservation of	struction site at all ve	X Ka Far

Unit 9-10, 16/F, Shatin Galleria, No. 18-24 Shan Mei Street, Fo Tan, N.T., Hong Kong

香港沙田火炭山尾街 18-24 號沙田商業中心 16 樓 9-10 室 Tel: (852) 3563 7003 Fax: (852) 3563 7018 網址: http://www.telemaxeem.com

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[第5(a)條]

- - -

表格3 嗓音管制條例 (第400章) 第8(9)條

## 建築噪音許可證 為進行建築工程(撞擊式打樁除外) 而使用機動設備及/或進行訂明建築工程

建築噪音許可證編號: GW-RE0978-17

致: 中國路橋工程有限責任公司

本建築噪音許可證是按照《噪音管制條例》第8條的規定而發出的。現准予使用機動設備以進行撞 擊式打樁工程以外的建築工程及/或進行訂明建築工程,但須受以下條件規限。若不按照該等條件 進行建築工程,許可證可遭撤銷,而且會受到檢控。

#### 條件

1. 可使用機動設備及/或進行訂明建築工程的建築地盤:

詳細地址:九龍旺角西九龍填海區欽州街西與欽明路交界的建築地盤。

地段編號:

地盤範圍(即可使用機動設備及進行訂明建築工程的地方範圍)已描劃於夾附的圖則上,而該 圖則是本建築噪音許可證的一部分。

- 2. 該地盤部分/全部\*位於指定範圍之內/外\*。
- 3. 機動設備
  - a. 在地盤範圍內可使用的各項機動設備:

各項機動設備的識辨代碼 (如適用的話)	各項機動設備的說明	數目
	參見附頁。	
ويرغب إستراحه والا		

b. 可使用機動設備的建築噪音許可證有效期:

生效日期及時間:	二零一八年一月三日	下午七時
日期及時間: 公眾假日(包括星	星期日)的凌晨零時至晚上十二F	時,公眾假日以外的任何-
日凌晨零時至上午七時及下午	七時至晚上十二時【但須注意	意條件3.d.1.有關可以使
用上列機動設備的時間】。		
此部分許可證屆滿日期及時間:		晚上十一時
	E ///	時間
建築地盤須備有本建築噪音許可 等照片須經監督認可。	「證所述每件機動設備的照片各	一幀,供監督隨時查看;
規限使用機動設備的其他條件:		
參見附頁。		
(s)	-1-	
	日期及時間: 公眾假日(包括基 日凌晨零時至上午七時及下午 用上列機動設備的時間).。 此部分許可證屆滿日期及時間 建築地盤須備有本建築噪音許可 等照片須經監督認可。 規限使用機動設備的其他條件: 參見附頁。	日期及時間: 公眾假日(包括星期日)的凌晨零時至晚上十二日





- 4. 訂明建築工程
  - a. 在地盤範圍內可進行的訂明建築工程:

訂明建築工程的識辨代碼 訂明建築工程的類別的說明 無 b. 可進行訂明建築工程的建築噪音許可證有效期: 生效日期及時間: 二零一八年一月三日 下午七時 日期及時間: 公眾假日(包括星期日)的凌晨零時至晚上十二時,公眾假日以外的任何一 日凌晨零時至上午七時及下午七時至晚上十二時。 此部分許可證屆滿日期及時間: 二零一八年六月三十日 晚上十一時 日期 時間 c. 本許可證可夾附經監督認可的地盤圖則,以顯示本許可證准予進行訂明建築工程的地點。 該地盤圖則須存放於建築地盤供監督隨時查看。 d. 規限進行訂明建築工程的其他條件: 5. 本建築噪音許可證或其副本必須展示於建築地盤的所有車輛人口/出口處,給予公眾人士參 閱。 日期:2017 年 12 月 18 日 簽署: 監督 (葉嘉勲 代行) \* 刪去不適用者 - 2 -





### Sheet attached to Construction Noise Permit No. <u>GW-RE0978-17</u>

3.a. Items of powered mechanical equipment which may be used inside the site boundary :

Identification c powered m equipment (if	echanical	Description of item of powered mechanical equipment	No. of units
Group A	CNP 044	Concrete lorry mixer	One
	CNP 049	Crane, tower (electric)	One
		Generator, with Quality Powered Mechanical Equipment Label showing a Sound Power Level of $\leq 99$ dB(A)	One
	CNP 283	Water pump, submersible (electric)	Twenty
Group B		Poker, vibratory, hand-held (electric)	Two
	CNP 283	Water pump, submersible (electric)	Twenty
<u>Group C</u>	CNP 283	Water pump, submersible (electric)	Twenty

Signed: (YIP Ka Fan) for Authority





## 建築噪音許可證 編號 <u>GW-RE0978-17</u>的附頁

3.a. 在地盤範圍內可使用的各項機動設備:

<i>備的識辨代碼</i> <i>用的話)</i>	各項機動設備的說明	數目
CNP 044	混凝土攪拌車	壹
CNP 049	起重機,塔型(電動)	壹
	發電機,備有優質機動設備標籤顯示聲功率級≦99 分貝(A)	壹
CNP 283	潛水泵 (電動)	貳拾
	混凝土震動機,手提(電動)	貢
CNP 283	潛水泵 (電動)	貳拾
CNP 283	潛水泵 (電動)	貳拾
	<i>用的話)</i> CNP 044 CNP 049  CNP 283  CNP 283	日的話)       百·項機動設備回祝明         CNP 044       混凝土攪拌車         CNP 049       起重機,塔型(電動)          發電機,備有優質機動設備標籤顯示聲功率級≤99         分貝(A)       CNP 283         アー       混凝土震動機,手提(電動)         CNP 283       潛水泵(電動)         CNP 283       潛水泵(電動)

簽署:

*監督* (葉嘉勲 代行)





Page 2 of 2

### Sheet attached to Construction Noise Permit No. <u>GW-RE0978-17</u>

3.d. Other conditions imposed on the use of the powered mechanical equipment:

1. The powered mechanical equipment listed in condition 3.a. shall only be operated during the hours shown below:

Crear A to Crear D	General holiday (including Sunday)	0700 – 2300 hours
Group A to Group B	Any day not being a general holiday	1900 – 2300 hours
Group C	Any day	2300 – 0700 hours on next day

2. Only one group of the powered mechanical equipment listed in condition 3.a. shall be allowed to operate at any time.

Signed : YIP Ka Fan ) for Authority

香港沙田火炭山尾街 18-24 號沙田商業中心 16 樓 9-10 室 Tel.: (852) 3563 7003 Fax.: (852) 3563 7018 網址: http://www.telemaxeem.com Unit 9-10, 16/F, Shatin Galleria, No. 18-24 Shan Mei Street, Fo Tan, N.T., Hong Kong

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共二頁,頁二

## 建築噪音許可證 編號 <u>GW-RE0978-17</u>的附頁

3.d. 規限使用機動設備的其他條件:

1. 祇可於以下時間內使用列在條件3.a.內的機動設備:

417 D 41	公眾假日(包括星期日)	上午七時至晚上十一時
A組至B組	公眾假日以外的任何一日	下午七時至晚上十一時
C 組	任何一日	晚上十一時至翌日上午七時

2. 在任何時間內, 祇可使用列在條件3.a.內的其中一組機動設備。



簽署:

*監督* (葉嘉勲 代行)



1



Photograph attached to Construction Noise Permit No. <u>GW-RE0978-17</u> 建築噪音許可證編號<u>GW-RE0978-17</u>的照片



CNP 044 Concrete lorry mixer 混凝土攪拌車



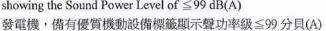
CNP 049 Crane, tower (electric) 起重機,塔型(電動)





Photograph attached to Construction Noise Permit No. <u>GW-RE0978-17</u> 建築噪音許可證編號<u>GW-RE0978-17</u>的照片

7713 類別 發電機 Туре Generator 製造商 / 牌子 Manufacturer / Trade Name AIRMAN 型號 Model SDG300S-3A1 編號 ENHG000216 Serial Number 聲功率級 分貝(A) Sound Power Level 識別號碼 99 dB(A) EPD-00446 QPME ID Code 環境保護署簽發 Issued by Environmental Protection Department Cor 180/4 Generator, with Quality Powered Mechanical Equipment Label showing the Sound Power Level of  $\leq 99 \text{ dB}(A)$ 



香港沙田火炭山尾街 18-24 號沙田商業中心 16 樓 9-10 室 Tel.: (852) 3563 7003 Fax.: (852) 3563 7018 網址: http://www.telemaxeem.com Unit 9-10, 16/F, Shatin Galleria, No. 18-24 Shan Mei Street, Fo Tan, N.T., Hong Kong

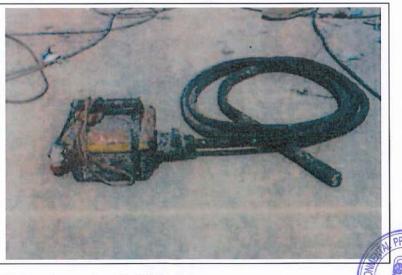
10 MR 10 MR 10 KINA Elitezu Ventas Certiforation n I



Photograph attached to Construction Noise Permit No. <u>GW-RE0978-17</u> 建築噪音許可證編號GW-RE0978-17的照片



CNP 283 Water pump, submersible (electric) 潛水泵 (電動)



Poker, vibratory, hand-held (electric) 混凝土震動機,手提 (電動)













Appendix N NSR 1 School Calendar 2017-18

### Sir Ellis Kadoorie Secondary School (West Kowloon) School Calendar 2017-2018

2017 September (30 school days) 4 5 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Wed Th	u Fri	Sat	Holidays, Special Days & Examinations
(30 school days) 2 11 12 3 17 18 19 4 25 26		1	2 1	First Day of School Year
3 18 19 4 24 25 26	6 7	8	9 4	Festival of Eid
4 24 25 26	13 14	13	16 15	Sports Day (Heats)
20 20	20 21	22	23 19	Sports Day (Finals)
5 1 3	27 28	29	30	
	4	6	7 2	The Day following National Day
October 6 9 10	11 12	13	14 5	The Day following the Mid-Autumn Festival
(18 school days) 7 16 17	18 19	- 2003-	21 20, 21	Festival of Diwali, Festival of Bhai Tika
8 2 23 24	25 26	27	23, 24-31	1st Staff Development Day, 1st Term Test
9 30 30 311	<del>ann</del> a	un	28	Chung Yeung Festival
	1 2	2	4	
November 10 6 7	8 9		11 10	Parents' Night & AGM of PTA
(22 school day) 11 22 13 14	15* 16		18 15, 17	Friday Timetable, P6 Information Day & Fun Fair
12 13 14 12 20 21	22 231		25 23, 24	Friday Timetable, School Picnic
13 20 21 28	29 30		43 200, 24	rinay rimeasie, school Picine
13 An 21 28	29 30		2	
December 14 4 5				Course Day Final Robuston Course Day
	6 7	<b>1</b>	9 6,8 16 11-15	Speech Day Final Rehearsal, Speech Day
(15 school days) 15 10 11 12	13 14	10	10	ESTP Challenge Camp for S2 & S3
16 17 18 19*	20 /21		23 19, 21	Friday Timetable, Talent Show & Class Party
12 -25 -25	27 28	29	30 22/12-1/1	Christmas and New Year Holidays (11 days)
2018 17 2	3 4	5	6 1	The First Day of January
January 18 7 (8) (9)			13 8-22	Half-yearly Exam, Mock Exam for S6
(21 school days) 19 14 (5) (16)	0 03		20 23	Post-Exam Activities
20 21 (2) 23	24* 25	> 26	27 24, 25	Thursday Timetable, 2nd Staff Development Day
21 29 30	31		24, 26-31	Discussion of Exam Papers
	1	2	3 1	2nd Term Commences
February 22 5 6	7 8		10 9	Parents' Day
(12 school days) 23 11 12 13*	14 15	10	13	Friday Timetable
20	21 22		24 14-25	Lunar New Year Holidays (11 days)
24 26 27	28	63	24	Palat frem Feld freddailys (** anys)
		> 2	3 1	S6 Graduation Day
March 25 5 6	7 8		10	se chadalada bay
(21 school days) 26 12 13	14 154		17 15, 16	Friday Timetable, Learning Celebrations and PTA Night
27 19 20	21 22			2nd Term Test
$\frac{27}{28}$ $\frac{19}{26}$ $\frac{20}{27}$	28 29		24 22-29 30/3-8/4	
	4		7 5	Ching Ming Festival
		6		Ching Ming Pestvar
Annil 20 0 10	11 12	13	14	
April 29 9 10	18 19	- 20		
(15 school days) 30 15 16 17	23 26		21	
(15 school days) 30 10 16 17 31 23 23 24			21 28 24, 25	S3 TSA Oral Examination
(15 school days) 30 15 16 17		27	28 24, 25	
(15 school days) 30 1 16 17 31 23 24 32 5 23 24 32 5 25 B	2 3	27	28 24, 25 5 1	S3 TSA Oral Examination Labour Day
(15 school days) 30 1 16 17 31 2 3 24 32 4 23 B May 33 0 7 8	9 10	27 4 11	28 24, 25 5 1 12	Labour Day
(15 school days) 30 16 17 31 23 24 32 23 24 32 32 25 30 5 16 17 31 23 24 32 32 45 30 5 16 17 31 23 24 32 5 25 5 36 5 36	<i>2</i>	27 4 11	28 24, 25 5 1 12 19 16	Labour Day 3rd Staff Development Day
(15 school days) 30 16 17 31 23 24 32 37 8 May (20 school days) 34 14 15 35 35 21 27	9 10	27 4 11 18	28 24, 25 5 1 12	Labour Day
(15 school days) 30 16 17 31 23 24 32 32 43 32 32 43 30 5 31 23 5 30 5 31 23 5 32 45 30 5 31 23 5 32 5 32 5 33 7 8 34 14 15	9 10 16 17	27 4 11 18	28 24, 25 5 1 12 19 16	Labour Day 3rd Staff Development Day
(15 school days) 30 16 17 31 23 24 32 32 45 25 May (20 school days) 34 14 15 35 35 21 27	9 10 16 17 23 24	27 4 11 18	28 24, 25 5 1 12 19 16	Labour Day 3rd Staff Development Day
(15 school days) 30 16 17 31 23 24 32 32 45 25 May (20 school days) 34 14 15 35 35 21 27	9 10 16 17 23 24	27 4 11 18 25	28         24, 25           5         1           12         16           26         22	Labour Day 3rd Staff Development Day
(15 school days) 30 16 17 31 23 24 32 23 24 32 24 32 32 45 May (20 school days) 34 45 14 15 35 21 27 36 28 29 June 37 4 5	9 10 16 17 23 24 30 31 6 7	27 4 11 18 25 25	28         24, 25           5         1           12         16           26         22           2         9           6-22	Labour Day 3rd Staff Development Day The Birthday of the Buddha
(15 school days) 30 16 17 31 23 24 32 37 23 24 32 37 23 24 32 37 23 24 30 5 5 5 7 8 35 5 7 8 36 7 8 36 7 8 21 22 36 7 8 21 22 36 7 8 20 35 9 7 8 35 7 8 21 22 36 7 8 20 35 9 7 8 35 7 8 21 22 36 7 8 20 35 9 7 8 35 7 8 21 22 36 7 8 20 35 9 7 8 35 9 7 8 35 9 7 8 35 9 7 8 36 7 8 21 22 36 7 8 20 35 9 7 8 35 9 7 8 36 7 8 21 22 36 7 8 20 35 9 7 8 37 9 7 8 38 9 7 9 8 38 9 7 9 8 38 9 7 9 8 38 9 7 9 8 38 9 7 9 8 38 9 7 9 9 38 9 7 9 39 9 30 9	9 10 10 17 23 24 30 31 6 7 (3) (4	4 11 18 25 1 0 (3)	28         24, 25           5         1           12         19           16         22           2         9           6-22         18	Labour Day 3rd Staff Development Day The Birthday of the Buddha Yearly Examination & S3 TSA Examination Tuen Ng Festival
(15 school days)         30         16         17           31         23         24         23         24           32         32         30         7         8           May         33         7         8         14         15           35         21         22         29         29         29           June         37         4         5         38         11         10         10           (20 school days)         38         11         10         10         10         39         18         19	9 10 (16) 17 23 24 30 31 (6) (7) (3) (4) (3) (4) (3) (4) (3) (4) (4) (4) (	4 11 18 25 1 0 8 0 (3) 0 (2)	28         24, 25           5         1           12         16           20         6-22           16         18           23         25-28	Labour Day 3rd Staff Development Day The Birthday of the Buddha Yearly Examination & S3 TSA Examination Tuen Ng Festival Discussion of Examination Papers
(15 school days)         30         16         17           31         23         24         23         24           32         32         32         30         16         17           31         23         23         24         23         24           May         33         7         7         8           (20 school days)         34         45         14         15           35         35         21         27         36           7         36         28         29         1         27           June         37         4         5         35         11         10         10           39         40         40         25         26         10	9 10 16 17 23 24 30 31 6 0 13 44 30 31 6 0 27 28	27 4 11 18 25 0 (3) (3) 0 (3) 0 (3)	28         24, 25           5         1           12         19           16         22           2         6           21         10           22         10           23         25-28           30         29/6-9/7	Labour Day 3rd Staff Development Day The Birthday of the Buddha Yearly Examination & S3 TSA Examination Tuen Ng Festival Discussion of Examination Papers Post-Exam Activities
(15 school days)     30     16     17       31     23     24     23       32     233     7     8       May     33     7     8       35     21     27       36     28     29       June     37     4       39     18     19       40     25     26       41     33     39	9 10 10 17 23 24 30 31 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	27 4 11 18 25 0 (3) 0 (3) 0 (3) 0 (3) 0 (3) 0 (3) 0 (3) 0 (3) 0 (3) 0 (3) 0 (3) 0 (3) 0 (3) 0 (4) (4) (4) (4) (4) (4) (4) (4) (4) (4)	28         24, 25           5         1           19         16           26         22           9         6-22           16         23           23         25-28           30         29/6-9/7	Labour Day 3rd Staff Development Day The Birthday of the Buddha Yearly Examination & S3 TSA Examination Tuen Ng Festival Discussion of Examination Papers Post-Exam Activities The Day following HKSAR Establishment Day
(15 school days)         30         16         17           31         73         24         32           32         230         32         30           May         33         7         8           34         14         15         36         28         29           June         37         36         78         29           June         37         4         5         39         16         19           40         40         75         76         35         10         10         20         39         16         13         16         13         16         17         16         17         16         17         17         16         17         17         16         17         17         16         17         17         16         17         17         16         12         17         16         13         17         16         13         17         16         13         17         16         13         17         16         13         13         13         13         13         13         13         13         13         13         13         14	9         10           100         117           23         24           30         31           60         67           30         4           30         31           30         31           30         31           30         31           30         31           30         31           30         31           30         31           30         31           30         31           30         31           30         31           30         32           30         31           30         32           30         32           30         32           30         32           30         32           30         32           30         32           30         32           30         32           30         32           30         32           30         32           30         32           30         32           30         <	27 4 11 18 25 0 (3) (3) (3) (3) (3) (3) (3) (3) (3) (3)	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Labour Day 3rd Staff Development Day The Birthday of the Buddha Yearly Examination & S3 TSA Examination Tuen Ng Festival Discussion of Examination Papers Post-Exam Activities The Day following HKSAR Establishment Day Last School Day & Variety Show, Release of HKDSE Results
(15 school days)     30     16     17       31     23     24       32     32     230       May     33     7     8       (20 school days)     34     14     15       35     37     4     5       36     28     29       June     37     4     5       39     1     15     19       40     25     26       July     41     41       41     49     16	9 10 16 17 23 24 30 31 6 C 3 44 27 28 27 28 44 20 44 20 11 12 18 19	27 4 11 18 25 0 (3) (3) (3) (3) (3) (3) (3) (3) (3) (3)	28         24, 25           5         1           12         16           19         16           26         22           16         18           23         25-28           30         29/6-9/7           7         2           14         10, 11           21         12, 13	Labour Day         3rd Staff Development Day         The Birthday of the Buddha         Yearly Examination & S3 TSA Examination         Tuen Ng Festival         Discussion of Examination Papers         Post-Exam Activities         The Day following HKSAR Establishment Day         Last School Day & Variety Show, Release of HKDSE Results         S.1 Registration
(15 school days)         30         16         17           31         23         24         23         24           32         32         36         16         17           31         23         24         23         24           32         37         23         24         36           May (20 school days)         34         14         15         35         21         22           June (20 school days)         37         7         4         5         38         10         10         10           June (20 school days)         38         40         25         26         14         33         40         25         26         10<	9         10           100         117           23         24           30         31           60         67           30         4           30         31           30         31           30         31           30         31           30         31           30         31           30         31           30         31           30         31           30         31           30         31           30         31           30         32           30         31           30         32           30         32           30         32           30         32           30         32           30         32           30         32           30         32           30         32           30         32           30         32           30         32           30         32           30         32           30         <	27 4 11 18 25 0 (3) (3) (3) (3) (3) (3) (3) (3) (3) (3)	28         24, 25           5         1           12         19           16         22           2         -           16         18           23         25-28           30         29/6-9/7           7         2           14         10, 11           21         12, 13           28         17	Labour Day 3rd Staff Development Day The Birthday of the Buddha Yearly Examination & S3 TSA Examination Tuen Ng Festival Discussion of Examination Papers <u>Post-Exam Activities</u> The Day following HKSAR Establishment Day Last School Day & Variety Show, Release of HKDSE Results S.1 Registration Pre-S.1 Attainment Test
(15 school days)     30     16     17       31     23     24       32     32     230       May     33     7     8       (20 school days)     34     14     15       35     37     4     5       36     28     29       June     37     4     5       39     1     15     19       40     25     26       July     41     41       41     49     16	9         10           10         17           23         24           30         31           6         7           13         14           10         17           23         24           30         31           6         7           27         28           24         27           24         27           11         12           18         19           25         26	27 4 11 18 25 25 25 25 25 25 25 25 25 25 25 25 25	28         24, 25           5         1           12         19           16         22           2         6-22           16         18           23         25-28           30         29/6-9/7           7         2           14         10, 11           21         21, 13           28         17           11/7-31/8	Labour Day 3rd Staff Development Day The Birthday of the Buddha Yearly Examination & S3 TSA Examination Tuen Ng Festival Discussion of Examination Papers <u>Post-Exam Activities</u> The Day following HKSAR Establishment Day Last School Day & Variety Show, Release of HKDSE Results S.1 Registration Pre-S.1 Attainment Test
(15 school days)     30     16     17       31     73     24       32     230     30       33     7     8       May     33     7     8       35     7     8     14       36     78     29       June     37     4     5       39     18     10     10       39     18     10     10       39     18     10     10       41     5     26       July     42     5       41     5     32       41     33     25       30     16     17       32     30     16       30     31     30	9         10           10         17           23         24           30         31           6         6           03         6           27         28           11         12           18         19           25         26           1         2           1         2	27 4 111 18 25 0 (3) (3) (3) (3) (3) (3) (3) (3) (3) (3)	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Labour Day 3rd Staff Development Day The Birthday of the Buddha Yearly Examination & S3 TSA Examination Tuen Ng Festival Discussion of Examination Papers Post-Exam Activities The Day following HKSAR Establishment Day Last School Day & Variety Show, Release of HKDSE Results S.1 Registration Pre-S.1 Attainment Test Summer Vacation (S2 days)
(15 school days)     30     16     17       31     23     24     32       32     32     30     16       May     33     7     8       (20 school days)     34     14     15       35     31     21     22       36     28     29       June     37     4     5       39     45     19       41     25     26       July     41     7       (6 school days)     16     17       Aug     4     6     7	9         10           9         10           10         17           23         24           30         31           6         6           13         4           30         31           6         7           27         28           4         27           28         9	27 4 11 18 25 0 (13 0 (13 0 (13 0) (13)) (13) (13)) (1))) (1)) (1	28         24, 25           5         1           12         16           19         16           26         22           16         18           23         25-28           30         29/6-9/7           7         2           14         10, 11           12, 13         17           11/7-31/8         4           11         20	Labour Day         3rd Staff Development Day         The Birthday of the Buddha         Yearly Examination & S3 TSA Examination         Tuen Ng Festival         Discussion of Examination Papers         Post-Exam Activities         The Day following HKSAR Establishment Day         Last School Day & Variety Show, Release of HKDSE Results         S.1 Registration         Pre-S.1 Attainment Test         Stummer Vacation (52 days)         All Staff should be available in Hong Kong
(15 school days)     30     16     17       31     23     24     30       32     32     30     16       May     33     7     8       (20 school days)     34     14     15       35     21     22       36     28     29       June     37     2     4       (20 school days)     38     10     10       39     17     8     19       40     25     26       July     40     25     26       41     15     30     31       40     25     26     33       July     16     17       40     25     26       July     16     17       40     25     26       July     16     17       40     23     24       30     31       41     4     30       42     30     31	9         10           16         17           23         24           30         31           6         6           03         14           27         28           20         27           28         9           15         16	27 4 11 18 25 0 (3) 29 29 29 29 29 29 29 29 29 29 29 29 29	28         24, 25           5         1           12         16           19         16           20         6-22           16         18           23         25-28           30         29/6-9/7           14         10, 11           21         12, 13           28         17           111/7-31/8         4           20         18           22, 23         29	Labour Day         3rd Staff Development Day         The Birthday of the Buddha         Yearly Examination & S3 TSA Examination         Tuen Ng Festival         Discussion of Examination Papers         Post-Exam Activities         The Day following HKSAR Establishment Day         Last School Day & Variety Show, Release of HKDSE Results         S.1 Registration         Pre-S.1 Attainment Test         Summer Vacation (\$2 days)         All Staff should be available in Hong Kong         Induction of New Teachers, HOD & HOC Meetings
(15 school days)     30     16     17       31     23     24     32       32     32     30     16       May     33     7     8       (20 school days)     34     14     15       35     31     21     22       36     28     29       June     37     4     5       39     45     19       41     25     26       July     41     7       (6 school days)     16     17       Aug     4     6     7	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	27 4 11 18 25 0 (13 0 (13 0 (13 0) (13) (13)) (13) (13)) (13) (13)) (	28         24, 25           5         1           19         16           26         22           9         6-22           16         18           23         25-28           30         29/6-9/7           7         2           14         10, 11           21         12, 13           28         17           11/7-31/8         4           20         18           25, 23         24	Labour Day         3rd Staff Development Day         The Birthday of the Buddha         Yearly Examination & S3 TSA Examination         Tuen Ng Festival         Discussion of Examination Papers         Post-Exam Activities         The Day following HKSAR Establishment Day         Last School Day & Variety Show, Release of HKDSE Results         S.1 Registration         Pre-S.1 Attainment Test         Summer Vacation (52 days)         All Staff should be available in Hong Kong         Induction of New Teachers, HOD & HOC Meetings         1st Staff Meeting, CT & ACT Meeting
(15 school days)       30       16       17         31       23       24       30         32       32       30       16       17         31       23       23       24       30         32       32       30       7       8         May       33       7       8       14       15         35       31       14       14       15         36       78       20       20         June       37       4       5         (20 school days)       38       10       10         39       16       17         40       25       26         July       40       25       26         July       40       25       26         July       16       17       31         40       23       24       30       31         41       16       17       33       30       31         42       30       31       30       31       31	9         10           16         17           23         24           30         31           6         6           03         14           27         28           20         27           28         9           15         16	27 4 11 18 25 0 (3) 29 29 29 29 29 29 29 29 29 29 29 29 29	28         24, 25           5         1           12         16           19         16           20         6-22           16         18           23         25-28           30         29/6-9/7           14         10, 11           21         12, 13           28         17           111/7-31/8         4           20         18           22, 23         29	Labour Day         3rd Staff Development Day         The Birthday of the Buddha         Yearly Examination & S3 TSA Examination         Tuen Ng Festival         Discussion of Examination Papers         Post-Exam Activities         The Day following HKSAR Establishment Day         Last School Day & Variety Show, Release of HKDSE Results         S.1 Registration         Pre-S.1 Attainment Test         Summer Vacation (\$2 days)         All Staff should be available in Hong Kong         Induction of New Teachers, HOD & HOC Meetings
(15 school days)         30         16         17           31         23         23         24           32         33         7         8           May         33         7         8           (30 school days)         34         14         15           35         21         22         36           June         37         2         4           (30 school days)         38         10         10           39         17         8         (19           40         25         26         33           July         40         25         26           July         40         25         26           July         16         17           40         25         26           July         16         17           40         25         26           July         16         17           23         24         30           30         31         31           Aug         6         7           41         13         14	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	27 4 11 18 25 0 (3) 29 29 29 29 29 29 29 29 29 29 29 29 29	28         24, 25           5         1           19         16           26         22           9         6-22           16         18           23         25-28           30         29/6-9/7           7         2           14         10, 11           21         12, 13           28         17           11/7-31/8         4           20         18           25, 23         24	Labour Day         3rd Staff Development Day         The Birthday of the Buddha         Yearly Examination & S3 TSA Examination         Tuen Ng Festival         Discussion of Examination Papers         Post-Exam Activities         The Day following HKSAR Establishment Day         Last School Day & Variety Show, Release of HKDSE Results         S.1 Registration         Pre-S.1 Attainment Test         Summer Vacation (52 days)         All Staff should be available in Hong Kong         Induction of New Teachers, HOD & HOC Meetings         1st Staff Meeting, CT & ACT Meeting



School Holidays Public Holidays Special Timetable No. of School Holidays & Discretionary Holidays: 90 + 3

香港沙田火炭山尾街 18-24 號沙田商業中心 16 樓 9-10 室 Tel: (852) 3563 7003 Fax: (852) 3563 7018 網址: http://www.telemaxeem.com

Unit 9-10, 16/F, Shatin Galleria, No. 18-24 Shan Mei Street, Fo Tan, N.T., Hong Kong



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