

中國港灣工程有限責任公司

香港代表: 振華工程有限公司

CHINA HARBOUR ENGINEERING COMPANY LIMITED HONG KONG REPRESENTATIVE: ZHEN HUA ENGINEERING CO., LTD.

Date : 06 February 2017 Our Ref. : CHEC300/OUT/2017/02/04.05/020981

By Hand

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

Attn: Mr. Michael Tovey The Engineer's Representative

Dear Sir,

Contract No. HY/2013/03 Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities – Vehicle Clearance Plazas and Ancillary Buildings and Facilities EP Condition 5.4 – Quarterly EM&A Report (September - November 2016)

Pursuant to the Condition 5.4 of the EP-353/2009/K, we are pleased to submit one soft copy and three copies of the certified Quarterly EM&A Report (Rev.1) for September to November 2016 for your on-ward submission.

Thank you for your kind attention.

Yours faithfully, For and on behalf of **China Harbour Engineering Co. Ltd.**

Paul Pui Site Agent PP/EH/MC/H Encl.



Ref.: HYDHZMBEEM00_0_5020L.17

6 February 2017

By Fax (3468 2076) and By Post

AECOM Asia Co. Ltd. The PRE's Office 5 Ying Hei Road, Tung Chung, Lantau Hong Kong

Attention: Mr. Michael Tovey

Dear Sir,

Re: Agreement No. CE 48/2011 (EP) Environmental Project Office for the HZMB Hong Kong Link Road, HZMB Hong Kong Boundary Crossing Facilities, and Tuen Mun-Chek Lap Kok Link – Investigation

Contract No. HY/2013/03 – HZMB HKBCF – Vehicle Clearance Plazas and Ancillary Buildings and Facilities Quarterly EM&A Report No.5 for September 2016 to November 2016

Reference is made to the Environmental Team's submission of Quarterly Environmental Monitoring & Audit Report No.5 for September 2016 to November 2016 (Rev. 1) certified by the ET Leader (ET's ref.: "MCL/ED/0077/2016/C" dated 2 February 2017) and provided to us via e-mail on 3 February 2017.

We are pleased to inform you that we have no adverse comment on the captioned report. We write to verify the captioned submission in accordance with Section 16.4.1 of the Updated EM&A Manual (2011).

Thank you very much for your attention and please feel free to contact the undersigned should you require further information.

Yours faithfully, For and on behalf of Ramboll Environ Hong Kong Limited

ang

Raymond Dai Independent Environmental Checker

c.c.

HyD HyD MCL CHEC Mr. Vico Cheung Mr. Ken Woo Mr. Arthur Cheng Mr. Johnason Ko (By Fax: 3188 6614) (By Fax: 3188 6614) (By Fax: 2450 8032) (By Fax: 2887 3014)

Internal: DY, YH, ENPO Site

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Ramboll Environ Hong Kong Limited 英環香港有限公司 21/F, BEA Harbour View Centre, 56 Gloucester Road, Wanchai, Hong Kong Tel: 852.3465 2888 Fax: 852.3465 2899 www.Ramboll-Environ.com

Room 723 & 725, 7/F, Block B, Profit Industrial Building, 1-15 Kwai Fung Crescent, Kwai Fong, Hong Kong Tel :+852-2450 8238 Fax :+852-2450 8032 E-mail :mcl@fugro.com.hk Website : www.materialab-consultant.com

Ramboll Environ Hong Kong Limited (formerly ENVIRON Hong Kong Limited) 21/F, BEA Harbour View Centre 56 Gloucester Road, Wan Chai Hong Kong Date 02 February 2017 Our Ref. MCL/ED/0077/2016/C

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BY HAND

Attn.: Mr. Raymond Dai, IEC

Dear Sir,

Quarterly EM&A Report for September 2016 to November 2016 Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities – Vehicle Clearance Plazas and Ancillary Buildings and Facilities (Contract No. HY/2013/03)

Pursuant to Section 16.4 of the updated EM&A Manual for Hong Kong Boundary Crossing Facilities (Version 1.0) covering the captioned contract, we are pleased to submit the certified Quarterly EM&A Report for September 2016 to November 2016 (Rev.1) for your verification.

Should you require further information, please do not hesitate to contact our Miss Scarlet Cheng at 3565 4156 or the undersigned at 3565 4115.

Yours faithfully, for and on behalf of MATERIALAB CONSULTANTS LIMITED

Arthur Cheng Environmental Team Leader

AC/sc

Encl.

c.c. AECOM – Mr. P.K. Lee, Mr. W.S. Ng, Mr. Patrick Ko RAMBOLL ENVIRON – Mr. Ray Yan, Mr. Andy Wong CHEC – Mr. Marko Chan



Tel

Fax

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Report No.: 0165/15/ED/0653

QUARTERLY ENVIRONMENTAL MONITORING & AUDIT REPORT (Rev. 1)

September 2016 to November 2016

Client: China Harbour Engineering Co., Ltd.

Project: Contract No. HY/2013/03 Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities -Vehicle Clearance Plazas and Ancillary Buildings and Facilities

Report No.: 0165/15/ED/0653

Prepared by: Scarlet Cheng

Reviewed by: Bong Yu

Certified by:

Arthur Cheng **Environmental Team Leader**

Room 723 & 725, 7/F, Block B, Profit Industrial Building, 1-15 Kwai Fung Crescent, Kwai Fong, Hong Kong.

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Report No.: 0165/15/ED/0653

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Report No.: 0165/15/ED/0653

EXECUTIVE SUMMARY

This Quarterly Environmental Monitoring and Audit (EM&A) Report is prepared for Contract No. HY/2013/03 "Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities – Vehicle Clearance Plazas and Ancillary Buildings and Facilities" (includes the construction works of Contract No. HY/2013/06 "Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities – Automatic Vehicle Clearance Support System" within Contract No. HY/2013/03 works area) (hereafter referred to as "the Contract") for the Highways Department of Hong Kong Special Administrative Region (HKSAR). The Contract was awarded to China Harbour Engineering Co. Limited (construction works of Contract No. HY/2013/06 was awarded to ATAL Technologies Limited within Contract No. HY/2013/03 works area) (hereafter referred to as "the Contract No. HY/2013/06 was awarded to ATAL Technologies Limited within Contract No. HY/2013/03 works area) (hereafter referred to as "the Contract No. HY/2013/06 was awarded to ATAL Technologies Limited within Contract No. HY/2013/03 works area) (hereafter referred to as "the Contract No. HY/2013/04 works area) (hereafter referred to as "the Contract") and MateriaLab Consultants Limited (MCL) was appointed as the Environmental Team (ET) by the Contractor.

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Contract No. HY/2013/03 (includes the construction works of Contract No. HY/2013/06 within Contract No. HY/2013/03 works area) is part of the "Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities" (HZMB HKBCF) Project which is a "Designated Project" under Schedule 2 of the Environmental Impact Assessment (EIA) Ordinance (Cap. 499) and for which an EIA Report (Register No. AEIAR-145/2009) was prepared and approved. The current Environmental Permit (EP) for HKBCF, namely No. EP-353/2009/K, was issued on 11 April 2016. These documents are available through the EIA Ordinance Register. Commencement of Contract No. HY/2013/03 took place on 10 April 2015 while the construction works and the EM&A programme of Contract No. HY/2013/03 commenced on 29 August 2015 (commencement of Contract No. HY/2013/06 took place on 14 August 2015 while the construction works and the EM&A programme of Contract No. HY/2013/06 within Contract No. HY/2013/03 works area commenced on 13 September 2016).

MateriaLab Consultants Limited (MCL) has been appointed by the Contractor to implement the Environmental Monitoring & Audit (EM&A) programme for the Contract in accordance with the Updated EM&A Manual for HKBCF (Version 1.0) and will be providing environmental team services for the Contract. This is the 5th Quarterly EM&A Report for the Contract which summaries findings of the EM&A works during the reporting period from 01 September 2016 to 30 November 2016 (includes the findings of the EM&A programme of Contract No. HY/2013/06 within Contract No. HY/2013/03 works area during the reporting period from 13 September 2016 to 30 November 2016) (the "reporting period").

Environmental Monitoring and Audit Progress

The EM&A programme was undertaken in accordance with the Updated EM&A Manual for HKBCF (Version 1.0). It should be noted that the air quality and noise monitoring works for the Contract are covered by Contract No. HY/2010/02 "Hong Kong-Zhuhai-Macao Bridge HKBCF – Reclamation Works" and Contract No. HY/2011/03 "Hong Kong-Zhuhai-Macao Bridge Hong Kong Link Road – Section between Scenic Hill and HKBCF". The ET of the Contract or another ET of the HZMB project is required to conduct impact air quality monitoring at AMS6 and AMS7 and noise monitoring at NMS2 and NMS3B as part of EM&A programme if these monitoring stations are no longer covered under Contract Nos. HY/2010/02 and HY/2011/03. However, this is subject to ENPO's final decision on which ET should carry out the monitoring work at these stations.

The dates of site inspection for Contract No. HY/2013/03 (includes Contract No. HY/2013/06 within Contract No. HY/2013/03 works area) during the reporting period are listed below:

Environmental Site Inspection:

1

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- 01, 08, 15, 22 and 28 September 2016 (15, 22 and 28 September 2016 includes Contract No. HY/2013/06 within Contract No. HY/2013/03 works area)
- 06, 13, 27 and 28 October 2016 (Environmental site inspection of 21 October 2016 was cancelled due to hoisting of typhoon signal no. 8 on 21 October 2016 and re-scheduled to 28 October 2016)
- 03, 10, 17 and 25 November 2016

Breaches of Action and Limit Levels

Summary of Action and Limit Level exceedance of 1-hr TSP level and 24-hr TSP level at AMS6 is reported in the monthly EM&A report prepared by Contract No. HY/2011/03.

There was no Action and Limit Level exceedance of 1-hr TSP level and 24-hr TSP level recorded at station AMS7 by the Environmental Team of Contract No. HY/2010/02 during the reporting period.

There was no Action and Limit Level exceedance for noise recorded at station NMS2 and station NMS3B by the Environmental Team of Contract No. HY/2010/02 during the reporting period.

There was no marine works conducted during the reporting period and therefore, no water quality impact monitoring result is reported.

There was no marine works conducted during the reporting period and therefore, no ecology monitoring result is reported.

Complaint Log

There were two complaints received in relation to the environmental impact during the reporting period.

Log No.	Environmental Complaint Ref. No.	Date of Complaint Receipt	Description
002	ENPO-C0100	22 September 2016	Water
003	ENPO-C0102	10 November 2016	Water

After investigation, it was concluded that these two complaints were not related to Contract No. HY/2013/03.

Notifications of Summons and Successful Prosecutions

There were no notifications of summons or prosecutions received during this reporting period.

Reporting Changes

There was no reporting change during the reporting period.

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1. INTRODUCTION

1.1 Basic Project Information

- 1.1.1 This Quarterly Environmental Monitoring and Audit (EM&A) Report is prepared for Contract No. HY/2013/03 "Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities – Vehicle Clearance Plazas and Ancillary Buildings and Facilities" (includes the construction works of Contract No. HY/2013/06 "Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities – Automatic Vehicle Clearance Support System" within Contract No. HY/2013/03 works area) (hereafter referred to as "the Contract") for the Highways Department of Hong Kong Special Administrative Region (HKSAR). The Contract was awarded to China Harbour Engineering Co. Limited (construction works of Contract No. HY/2013/06 was awarded to ATAL Technologies Limited within Contract No. HY/2013/03 works area) (hereafter referred to as "the Contractor") and MateriaLab Consultants Limited (MCL) was appointed as the Environmental Team (ET) by the Contractor.
- 1.1.2 Contract No. HY/2013/03 (includes the construction works of Contract No. HY/2013/06 within Contract No. HY/2013/03 works area) is part of the "Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities" (HZMB HKBCF) Project which is a "Designated Project" under Schedule 2 of the Environmental Impact Assessment (EIA) Ordinance (Cap. 499) and for which an EIA Report (Register No. AEIAR-145/2009) was prepared and approved. The current Environmental Permit (EP) for HKBCF, namely No. EP-353/2009/K, was issued on 11 April 2016. These documents are available through the EIA Ordinance Register. Commencement of Contract No. HY/2013/03 took place on 10 April 2015 while the construction works and the EM&A programme of Contract No. HY/2013/03 commenced on 29 August 2015 (commencement of Contract No. HY/2013/06 took place on 14 August 2015 while the construction works and the EM&A programme of Contract No. HY/2013/06 took place on 14 August 2015 while the construction works and the EM&A programme of Contract No. HY/2013/06 took place on 14 August 2015 while the construction works and the EM&A programme of Contract No. HY/2013/06 took place on 14 August 2015 while the construction works and the EM&A programme of Contract No. HY/2013/06 within Contract No. HY/2013/03 works area commenced on 13 September 2016). The works areas of the contract are shown in **Appendix A**.
- 1.1.3 This is the 5th Quarterly EM&A Report summarising the findings of EM&A activities conducted under Contract No. HY/2013/03 from 01 September 2016 to 30 November 2016 (from 13 September 2016 to 30 November 2016 for the construction works of Contract No. HY/2013/06 within Contract No. HY/2013/03 works area) (the "reporting period") and is submitted to fulfil Condition 16.4 of the Updated EM&A Manual for HKBCF.

1.2 **Project Organisation**

1.2.1 The organisation chart and lines of communication with respect to the on-site environmental management structure together with the contact information of the key personnel are shown in **Appendix B**. The key personnel contact names and numbers are summarized in **Table 1.1** and **Table 1.2**.

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Table 1.1 Contact Information of Key Personnel (for Contract No. HY/2013/03)

Party	Position	Contact Person	Telephone No.	Fax No.
Engineer or Engineer's Representative (AECOM Asia Co. Ltd.)	Chief Resident Engineer	Mr. Michael Tovey	3985 7470	3902 8800
Environmental Project Office /	Environmental Project Office Leader	Mr. Y. H. Hui	3547 2133	3465 2899
Independent Environmental Checker	Independent Environmental Checker (IEC)	Mr. Raymond Dai	3465 2888	3465 2899
(Ramboll Environ Hong Kong Limited)	Environmental Site Supervisor	Mr. Ray Yan	5181 8165	3465 2899
Contractor (China Harbour	Site Agent	Mr. Paul Pui	9125 0700	2512 0427
Engineering Co. Ltd)	Environmental Officer	Mr. Marko Chan	9427 2879	2512 0427
Environmental Team (MateriaLab Consultants Limited)	Environmental Team Leader (ETL)	Mr. Arthur Cheng	3565 4115	2450 8032
24-hr Complaint Hotline			5236 7111	

Table 1.2 Contact Information of Key Personnel (for Contract No. HY/2013/06 within Contract No. HY/2013/03 works area)

Party	Position	Contact Person	Telephone No.	Fax No.
Engineer or Engineer's Representative (AECOM Asia Co. Ltd.)	Chief Resident Engineer	Mr. Michael Tovey	3985 7470	3902 8800
Environmental Project Office /	Environmental Project Office Leader	Mr. Y. H. Hui	3547 2133	3465 2899
Independent Environmental Checker	Independent Environmental Checker (IEC)	Mr. Raymond Dai	3465 2888	3465 2899
(Ramboll Environ Hong Kong Limited)	Environmental Site Supervisor	Mr. Ray Yan	5181 8165	3465 2899
Contractor (ATAL Technologies	Site Agent	Mr. Eric Yim	2565 3355	3162 5217
Limited)	Environmental Officer	Mr. W. Li	2565 3137	3162 5217
Environmental Team (MateriaLab Consultants Limited)	Environmental Team Leader (ETL)	Mr. Arthur Cheng	3565 4115	2450 8032
24-hr Complaint Hotline			6509 0375	

1.3 Construction Programme

1.3.1 The construction programme for Contract No. HY/2013/03 (includes the construction works of HY/2013/06 within Contract No. HY/2013/03 works area) are provided in **Appendix C**.

1.4 Construction Works undertaken during the Reporting Period

1.4.1 A summary of the construction activities undertaken during this reporting period is shown below:

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For Contract No. HY/2013/03

September 2016

- 1. Site Investigation at Portion G;
- 2. Piling at Portion C, STP, Area G (Bridge A1 A5, A7b, A8 & A9), Box Culvert B & C;
- 3. Building at Portion A1, B, G, STP & Pumping Stations;
- 4. CUE Construction at Portion B, C & J;
- 5. Drainage & Sewerage Work at Portion B, H1, H2, G & A1;
- 6. Radiation Screen Wall and Sign Gantry Footing at Portion B;
- 7. Sewerage Pumping Station, High Mast Lighting Foundation & Box Culvert C at Portion G;
- 8. Bridge Works at A1 to A6;
- 9. Site Foundation Works at Portion K;
- 10. Cover Walkway at Portion H1 & H2; and
- 11. Marine sediment excavation activities from the land-based works and corresponding disposal at the designated disposal sites within Hong Kong as allocated by the Marine Fill Committee.

October 2016

- 1. Site Investigation at Portion G & N;
- 2. Building at Portion A1, B, G, N, J, STP & Pumping Stations;
- 3. Piling at Portion C, STP, Area G (Bridge A1 & A9), Box Culvert B & C;
- 4. CUE Construction at Portion B, C & J;
- 5. Drainage & Sewerage Work at Portion B, H1, H2, J, P, G & A1;
- 6. Radiation Screen Wall and Sign Gantry Footing at Portion B;
- 7. Sewerage Pumping Station, High Mast Lighting Foundation & Box Culvert C at Portion G;
- 8. Bridge Works at A1 to A9;
- 9. Site Foundation Works at Portion K;
- 10. Cover Walkway at Portion H1 & H2;
- 11. Box Culvert D at Portion A1; Shuttle kiosk & Subway at Portion E; and
- 12. Marine sediment excavation activities from the land-based works and corresponding disposal at the designated disposal sites within Hong Kong as allocated by the Marine Fill Committee.

November 2016

- 1. Site Investigation at Portion G & N;
- 2. Building at Portion A1, B, G, N, J, STP & Pumping Stations;
- 3. Piling at Portion C, STP, Area G (Bridge A1 & A9), Box Culvert B & C;
- 4. CUE Construction at Portion B, C & J;
- 5. Drainage & Sewerage Work at Portion B, H1, H2, J, P, G & A1;
- 6. Radiation Screen Wall and Sign Gantry Footing at Portion B;
- 7. Sewerage Pumping Station, High Mast Lighting Foundation & Box Culvert C at Portion G;
- 8. Bridge Works at A1 to A9;
- 9. Site Foundation Works at Portion K;
- 10. Cover Walkway at Portion H1 & H2; and
- 11. Box Culvert D at Portion A1; Shuttle kiosk & Subway at Portion E.

For Contract No. HY/2013/06 within Contract No. HY/2013/03 works area

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September 2016

1. Conduit duct laying at CUE Kiosk.

October 2016

1. Conduit duct laying at CUE Kiosk.

November 2016

1. Concealed Conduit works at CUE Vehicle Kiosk.

Room 723 & 725, 7/F, Block B,Profit Industrial Building,Tel1-15 Kwai Fung Crescent, Kwai Fong,FaxHong Kong.Email

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2. EM&A REQUIREMENTS

2.1 Summary of EM&A Requirements

- 2.1.1 The EM&A programme was undertaken in accordance with the Updated EM&A Manual for HKBCF (Version 1.0). It should be noted that the air quality and noise monitoring works for the Contract are covered by Contract No. HY/2010/02 "Hong Kong-Zhuhai-Macao Bridge HKBCF Reclamation Works" and Contract No. HY/2011/03 "Hong Kong-Zhuhai-Macao Bridge Hong Kong Link Road Section between Scenic Hill and HKBCF". The ET of the Contract or another ET of the HZMB project is required to conduct impact air quality monitoring at AMS6 and AMS7 and noise monitoring at NMS2 and NMS3B as part of EM&A programme if these monitoring stations are no longer covered under Contract Nos. HY/2010/02 and HY/2011/03. However, this is subject to ENPO's final decision on which ET should carry out the monitoring work at these stations.
- 2.1.2 A summary of air and noise monitoring locations are presented in **Table 2.1**. The location of air quality and noise monitoring stations are shown as in **Figure 1** and **Figure 2**, respectively.

Environmental Monitoring	Identification No.	Location Description	
Air Quality	AMS6(1)	Dragonair/CNAC (Group) Building (A80)	
All Quality AMS7(1)		Hong Kong SkyCity Marriott Hotel	
Noise	NMS2(2)	Seaview Crescent	
INDISE	NMS3B(2) (3)	Site Boundary of Site Office Area at WA2	
Demendue			

Table 2.1 Air Quality and Noise Monitoring Locations

Remarks:

- (1) The ET of this Contract should conduct impact air quality monitoring at the AMS listed in the table as part of EM&A programme according to latest notification from ENPO when the monitoring station(s) is/are no longer covered by another ET of the HZMB project.
- (2) The ET of this Contract should conduct impact noise monitoring at the NMS listed in the table as part of EM&A programme according to the latest notification from ENPO when the monitoring station(s) is/are no longer covered by another ET of the HZMB project.
- (3) The Action and Limit Levels for schools will be applied for this alternative monitoring location.

2.2 Monitoring Requirements

2.2.1 The monitoring requirements, monitoring equipment, monitoring parameters, frequency and duration, monitoring methodology, monitoring schedule, meteorological information are detailed in the monthly EM&A Reports prepared for Contract Nos. HY/2010/02 and HY/2011/03.

2.3 Action and Limit Levels

2.3.1 The Action and Limit Levels for 1-hr TSP and 24-hr TSP are provided in **Table 2.2** and **Table 2.3** respectively.

Table 2.2 Action	n and Limit Leve	ls for 1-hour TSP
I able Z.Z Action	n and Linni Leve	

Monitoring Station	Action Level (µg/m ³)	Limit Level (µg/m³)
AMS6	360	500
AMS7	370	500

Table 2.3 Action and Limit Levels for 24-hour TSP

Monitoring Station	Action Level (µg/m ³)	Limit Level (µg/m ³)
AMS6	173	260
AMS7	183	200

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- 2.3.2 If exceedance(s) at these stations is/are recorded by the ET of the Contract or referred by the other ET under the HZMB project to the Contract, the ET of the Contract will carry out an investigation and findings will be reported in the quarterly EM&A Report.
- 2.3.3 The Action and Limit Levels for construction noise are defined in Table 2.4.

Table 2.4 Action and Limit Level for Construction Noise

Monitoring Station	Action Level	Limit Level	
For the Time	Time Period 0700-1900 hrs. on Normal Weekdays		
NMS2	When one documented	75.0 dB (A) Leq (30 min.)	
NMS3B	complaint is received	70.0 dB (A) Leq (30 min.)*	

Notes:

If works are to be carried out during restricted hours, the conditions stipulated in the construction noise permit issued by the Noise Control Authority have to be followed.

* Reduce to 70 dB(A) for schools and 65 dB(A) during school examination period.

2.3.4 If exceedance(s) at these stations is/are recorded by the ET of the Contract or referred by the other ET under the HZMB project to the Contract, the ET of the Contract will carry out an investigation and findings will be reported in the quarterly EM&A Report.

2.4 Event and Action Plans

2.4.1 The event and action plans for air quality and noise are provided in **Appendix D**.

2.5 Mitigation Measures

2.5.1 Environmental mitigation measures for the contract were recommended in the approved EIA Report. **Appendix E** lists the recommended mitigation measures and the implementation status.

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3. ENVIRONMENTAL MONITORING AND AUDIT

3.1 Air Quality Monitoring Results

- 3.1.1 The monitoring results for AMS6 and AMS7 are reported in the monthly EM&A Reports (for September 2016, October 2016 and November 2016) prepared for Contract Nos. HY/2011/03 and HY/2010/02 respectively.
- 3.1.2 Summary of Action and Limit Level exceedance of 1-hr TSP level and 24-hr TSP level at AMS6 is reported in the monthly EM&A Reports (for September 2016, October 2016 and November 2016) prepared by Contract No. HY/2011/03.
- 3.1.3 There was no Action and Limit Level exceedance of 1-hr TSP level and 24-hr TSP level recorded at station AMS7 by the Environmental Team of Contract No. HY/2010/02 during the reporting period.

3.2 Noise Monitoring Results

- 3.2.1 The monitoring results for NMS2 and NMS3B are reported in the monthly EM&A Reports (for September 2016, October 2016 and November 2016) prepared for Contract No. HY/2010/02.
- 3.2.2 No noise exceedances were recorded at stations NMS2 and NMS3B by the ET of Contract No. HY/2010/02 during the reporting period.

3.3 Water Quality Monitoring Results

- 3.3.1 There was no marine works conducted during the reporting period and therefore, no relevant monitoring result is reported. However, ET of the Contract shall closely monitor on the status of marine works, which shall conduct monitoring when marine works commence in the future.
- 3.3.2 The ET of the Contract is required to conduct impact water quality monitoring as part of EM&A programme if water quality monitoring is no longer covered by another ET of the HZMB project. The ETL shall review and obtain IEC, ENPO and EPD agreement on the contract specific water quality monitoring works at least a month before the commencement of any marine works.

3.4 Ecology Monitoring Results

- 3.4.1 There was no marine works conducted, which impacted to the ecology during the reporting period and therefore, no relevant monitoring result is reported. However, ET of the Contract shall closely monitor on the status of marine works, which shall conduct monitoring when marine works commence in the future.
- 3.4.2 The ET of the Contract is required to conduct ecology monitoring as part of EM&A programme if ecology monitoring is no longer covered by another ET of the HZMB project. The ETL shall review and obtain IEC, ENPO, AFCD and EPD agreement on the contract specific marine ecology monitoring works at least a month before the commencement of any marine works.

3.5 Implementation of Environmental Measures

3.5.1 In response to the site audit findings, the Contractor carried out corrective actions. Details of site audit findings and the corrective actions during the reporting period are presented in **Appendix F**.

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- 3.5.2 A summary of the Implementation Schedule of Environmental Mitigation Measures (EMIS) is presented in **Appendix E**. All necessary mitigation measures at this stage of works were implemented properly.
- 3.5.3 Implementation status of Regular Marine Travel Route Plan (RMTRP) was checked by ET. Training of marine travel route for marine vessels operator was given to relevant staff and relevant records were kept properly. Marine traffic records which indicated the number of trips data for pelican barge, hopper barge, tug boat and floating concrete batching plant on the implementation of RMTRP from September 2016 to November 2016 were checked by ET. Marine traffic records of September 2016, October 2016 and November 2016 were provided by Contractor to ER, IEC/ENPO for checking within the month of October 2016, November 2016 and December 2016 respectively. The implementation of marine traffic follows the Regular Marine Travel Route Plan with respect to ET's checking on the marine traffic records for the reporting period.
- 3.5.4 With respect to condition 3.26A of EP-353/2009/K approved by EPD on 11 April 2016, the numbers and operating periods of floating grout production facilities and floating concrete batching plants on-site to review on the compliance to this EP condition were checked. Under Contract No. HY/2013/03, one floating concrete batching plant was operated on-site during the reporting period.

3.6 Advice on the Solid and Liquid Waste Management Status

- 3.6.1 The Contractor of Contract No. HY/2013/03 registered as a chemical waste producer for the Contract. Sufficient numbers of receptacles were available for general refuse collection and sorting.
- 3.6.2 No extracted marine sediment was treated using cement solidification/stabilisation (Cement S/S) techniques under Contract No. HY/2013/03 during this reporting period. The marine sediment extracted from this Contract was disposed to the Marine Fill Committee (MFC) allocated disposal sites directly without treatment during this reporting period. As a practical means, the disposal operation is managed by one contractor who is also responsible for applying dumping permit and its subsequent extension applications from EPD. Contract No. HY/2013/03 has been assigned to coordinate and arrange for disposal of extracted marine sediment from all three Contracts (Contract Nos. HY/2013/02, HY/2013/03 and HY/2013/04).
- 3.6.3 The barge for disposal of marine sediment was morn at the temporary loading and unloading at the east shore of the HKBCF Island, which has been being used by reclamation contractor (Contract No. HY/2010/02) for reclamation activities. In terms of safety consideration and to avoid mixing of sediment between contracts, each dumping date was allocated to one Contract. The quantity of marine sediment disposed on each date was from one Contract.
- 3.6.4 During dumping, Contractor of Contract No. HY/2013/03 is responsible for transporting the marine sediment from the site area of Contract No. HY/2013/03 to the barge. The estimated quantity of marine sediment in each truck is confirmed by Resident Site Staff of Contract Nos. HY/2013/02, HY/2013/03 and HY/2013/04. The trip tickets for transportation and disposal of marine sediment are collected and checked. Contract No. HY/2013/03 as the dumping permit holder is responsible for reporting to EPD the quantity disposed of as the condition stipulated in the dumping permit. The disposal site allocated to this Project is the Mud Pit CMP Vd of the Confined Marine Sediment Disposal Facility to the East of Sha Chau (ESC) during this reporting period.

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3.6.5 Marine sediment extracted from bored piling from this Contract was disposed to allocated dumping site during this reporting period. The summary of marine sediment disposed during this reporting period is shown in the following table:

Month/Year	Quantity disposed (in'000m ³)				
	HY/2013/02	HY/2013/03	HY/2013/04	Total	
Sep 2016	2.328	6.816	3.888	13.032	
Oct 2016	1.096	2.376	5.286	8.758	
Nov 2016	0.000	0.000	0.000	0.000	
Total	3.424	9.192	9.174	21.790	

Table 3.1 Summary of Marine Sediment Disposed to Dumping Site

- 3.6.6 The summary of waste flow table for Contract No. HY/2013/03 (includes Contract No. HY/2013/06 within Contract No. HY/2013/03 works area) is detailed in **Appendix G**.
- 3.6.7 Contractor of Contract No. HY/2013/03's site arrangement for disposal of bentonite slurry to Tseung Kwan O Area 137 Fill Bank was checked by ET and formal consent has been obtained from Tseung Kwan O Area 137 Fill Bank for receiving used bentonite slurry generated from Contract No. HY/2013/03.

3.7 Environmental Licences and Permits

3.7.1 The valid environmental licences and permits for Contract No. HY/2013/03 (includes Contract No. HY/2013/06 within Contract No. HY/2013/03 works area) during the reporting period are summarized in **Appendix H**. The Contractor of Contract No. HY/2013/06 was advised to register as a chemical waste producer when chemical waste is expected to generate for the foreseeable future from the operations (For Registration as Waste Producer Pursuant to Waste Disposal (Chemical Waste) (General) Regulation).

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4. SUMMARY OF EXCEEDANCES, COMPLAINTS, NOTIFICATION OF SUMMONS AND SUCCESSFUL PROSECUTION

4.1 Summary of Exceedance of the Environmental Quality Performance Limit

: mcl@fuaro.com

- 4.1.1 Summary of Action and Limit Level exceedance of 1-hr TSP level and 24-hr TSP level at AMS6 is reported in the monthly EM&A Reports (for September 2016, October 2016 and November 2016) prepared by Contract No. HY/2011/03.
- 4.1.2 There was no Action and Limit Level exceedance of 1-hr TSP level and 24-hr TSP level recorded at station AMS7 by the Environmental Team of Contract No. HY/2010/02 during the reporting period.
- 4.1.3 There was no Action and Limit Level exceedance for noise recorded at station NMS2 and station NMS3B by the Environmental Team of Contract No. HY/2010/02 during the reporting period.
- 4.1.4 There was no marine works conducted during the reporting period and therefore, no relevant monitoring result is reported.
- 4.1.5 There was no marine works conducted during the reporting period and therefore, no ecology monitoring result is reported.

4.2 Summary of Complaints, Notification of Summons and Successful Prosecution

4.2.1 There were two complaints received in relation to the environmental impact during the reporting period. The summary of environmental complaints is presented in **Table 4.1**. The details of cumulative statistics of Environmental Complaints are provided in **Appendix I**.

I	Log No.	Environmental Complaint Ref. No.	Date of Complaint Receipt	Description
(002	ENPO-C0100	22 September 2016	Water
(003	ENPO-C0102	10 November 2016	Water

(a) 22 September 2016 (Log No. 002)

The complaint was received by EPD from a member of the public on 22 September 2016 complained about two site flat top barges came from Tuen Mun everyday and observed that whitish effluent discharged into the sea from 1800 to 0400 near Cell No. 54 to 55 of HZMB construction site which creates pollution during the reporting period. After investigation, it was concluded that the complaint was not related to the construction site activities of Contract No. HY/2013/03. Nevertheless, the contractor had been reminded to comply with the requirements stipulated in the Environmental Mitigation Implementation Schedule (EMIS) of the EM&A Manual, in particular:

Water Quality: W1 –

- 1. barges and hopper dredgers shall have tight fitting seals to their bottom openings to prevent leakage of material;
- 2. any pipe leakages shall be repaired quickly. Plant should not be operated with leaking pipes;

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3. loading of barges and hoppers shall be controlled to prevent splashing of dredged material to the surrounding water. Barges or hoppers shall not be filled to a level which will cause overflow of materials or pollution of water during loading or transportation:

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- 4. excess material shall be cleaned from the decks and exposed fittings of barges and hopper dredgers before the vessel is moved:
- 5. adequate freeboard shall be maintained on barges to reduce the likelihood of decks being washed by wave action:
- all vessels shall be sized such that adequate clearance is maintained between vessels and 6. the sea bed at all states of the tide to ensure that undue turbidity is not generated by turbulence from vessel movement or propeller wash; and
- 7. the works shall not cause foam, oil, grease, litter or other objectionable matter to be present in the water within and adjacent to the works site.
- (b) 10 November 2016 (Log No. 003)

The complaint was received by EPD from a member of the public on 09 November 2016 complained about water quality pollution was observed behind a barge on 07 November 2016 at 09:26 am from the footbridge near Tung Chung Pier. A barge travelled from Hong Kong Zhuhai Macao Bridge near Scenic Hill site boundary to Tung Chung Pier's front sea area, turbid water was observed behind a barge which creates water quality pollution during the reporting period. After investigation, it was concluded that the complaint was not related to the construction site activities of Contract No. HY/2013/03. Nevertheless, the contractor had been reminded to comply with the requirements stipulated in the Environmental Mitigation Implementation Schedule (EMIS) of the EM&A Manual, in particular:

Water Quality: W1 -

- 1. barges and hopper dredgers shall have tight fitting seals to their bottom openings to prevent leakage of material:
- any pipe leakages shall be repaired quickly. Plant should not be operated with leaking 2. pipes:
- 3. loading of barges and hoppers shall be controlled to prevent splashing of dredged material to the surrounding water. Barges or hoppers shall not be filled to a level which will cause overflow of materials or pollution of water during loading or transportation;
- excess material shall be cleaned from the decks and exposed fittings of barges and 4. hopper dredgers before the vessel is moved;
- adequate freeboard shall be maintained on barges to reduce the likelihood of decks being 5. washed by wave action;
- all vessels shall be sized such that adequate clearance is maintained between vessels and 6. the sea bed at all states of the tide to ensure that undue turbidity is not generated by turbulence from vessel movement or propeller wash; and
- 7. the works shall not cause foam, oil, grease, litter or other objectionable matter to be present in the water within and adjacent to the works site.
- 4.2.2 No notification of summons or prosecutions was received during the reporting period.
- 4.2.3 Statistics on notifications of summons and successful prosecutions are summarized in Appendix I.

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5. COMMENTS, RECOMMENDATIONS AND CONCLUSIONS

5.1 Comments

5.1.1 According to the environmental site inspections undertaken during the reporting period, the following recommendations were provided:

For Contract No. HY/2013/03

- CHEC was reminded to provide drip tray for chemicals at CUE & Box Culvert.
- CHEC was reminded to remove stagnant water on site.
- CHEC was reminded to ensure no oil leakage from the generator at Box Culvert.
- CHEC was reminded to clear the stagnant water accumulated at CUE works area.
- CHEC was reminded to clear the stagnant water accumulated at Building 037.
- CHEC was reminded to remove the general refuse accumulated at Building 037.
- CHEC was reminded to provide drip tray for chemical containers at Bridge A7 Area.
- CHEC was reminded to increase watering for dust suppression on site.
- CHEC was reminded to maintain good housekeeping on site (Building 041).
- CHEC was reminded to remove the stagnant water accumulated at the lifting holes of the precast concretes on site.
- CHEC was reminded to maintain proper housekeeping on site (CUE works area).
- CHEC was reminded to remove stagnant water on site (CUE works area).
- CHEC was reminded to properly maintain housekeeping on site (CUE).
- CHEC was reminded to properly maintain equipment (generator) on site (Box Culvert D).
- CHEC was reminded to maintain proper housekeeping on site (Building 043).
- CHEC was reminded to provide drip tray for chemical containers at CUE works area.
- CHEC was reminded to remove stagnant water accumulated at Building 037 and Bridge A7 area.
- CHEC was reminded to enhance watering for dusty operation at Bridge A7 area.

For Contract No. HY/2013/06 within Contract No. HY/2013/03 works area

- No recommendation.
- 5.1.2 A summary of the Implementation Schedule of Environmental Mitigation Measures (EMIS) is presented in **Appendix E**. All necessary mitigation measures at this stage of works were implemented properly.

5.2 Recommendations

- 5.2.1 With implementation of the recommended environmental mitigation measures, the contract's environmental impacts were considered environmentally acceptable. The weekly environmental site inspections ensured that all the environmental mitigation measures recommended were effectively implemented.
- 5.2.2 The recommended environmental mitigation measures, as included in the EM&A programme, effectively minimize the potential environmental impacts from the contract. Also, the EM&A programme effectively monitored the environmental impacts from the construction activities and ensure the proper implementation of mitigation measures. No particular recommendation was advised for the improvement of the programme.

5.3 Conclusions

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- 5.3.1 Commencement of Contract No. HY/2013/03 took place on 10 April 2015 and the construction works of Contract No. HY/2013/03 commenced on 29 August 2015 (commencement of Contract No. HY/2013/06 took place on 14 August 2015 and the construction works of Contract No. HY/2013/06 commenced on 13 September 2016 within Contract No. HY/2013/03 works area). This is the 5th Quarterly EM&A Report summarising the findings of EM&A activities conducted under Contract No. HY/2013/03 from 01 September 2016 to 30 November 2016 (includes the findings of EM&A activities conducted under Contract No. HY/2013/03 works area from 13 September 2016 to 30 November 2016).
- 5.3.2 Summary of Action and Limit Level exceedance of 1-hr TSP level and 24-hr TSP level at AMS6 shall be referred to the monthly EM&A Reports (for September 2016, October 2016 and November 2016) prepared by Contract No. HY/2011/03.
- 5.3.3 There was no Action and Limit Level exceedance of 1-hr TSP level and 24-hr TSP level recorded at station AMS7 by the Environmental Team of Contract No. HY/2010/02 during the reporting period.
- 5.3.4 There was no Action and Limit Level exceedance for noise recorded at station NMS2 and station NMS3B by the Environmental Team of Contract No. HY/2010/02 during the reporting period.
- 5.3.5 There was no marine works conducted during the reporting period and therefore, no water quality impact monitoring result is reported.
- 5.3.6 There was no marine works conducted during the reporting period and therefore, no ecology monitoring result is reported.
- 5.3.7 Environmental site inspection was carried out on 01, 08, 15, 22 and 28 September 2016 (15, 22 and 28 September 2016 includes Contract No. HY/2013/06 within Contract No. HY/2013/03 works area), 06, 13, 27 and 28 October 2016 (site inspection of 21 October 2016 was cancelled due to hoisting of typhoon signal no. 8 on 21 October 2016 and re-scheduled to 28 October 2016), and 03, 10, 17 and 25 November 2016. Recommendations on remedial actions were given to the Contractors for the deficiencies identified during the site inspections.
- 5.3.8 There were two complaints received in relation to the environmental impact during the reporting period. After investigation, it was found that these two complaints were not related to the Contract.
- 5.3.9 There were no notifications of summons or prosecutions received during the reporting period.

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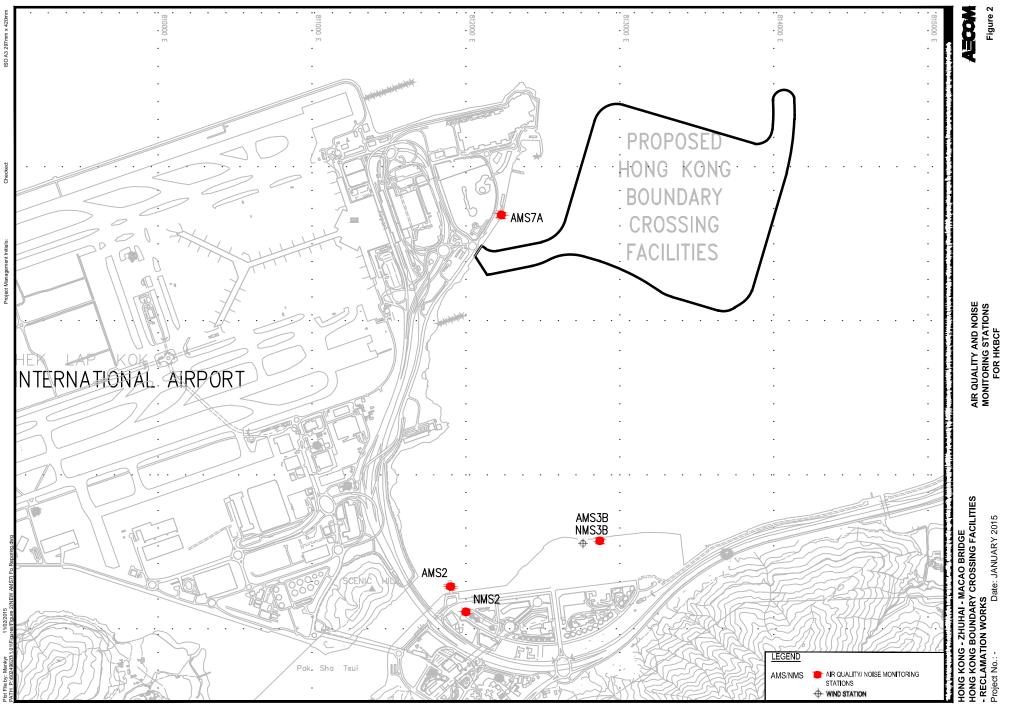
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Figure 1

Air Quality Monitoring Stations



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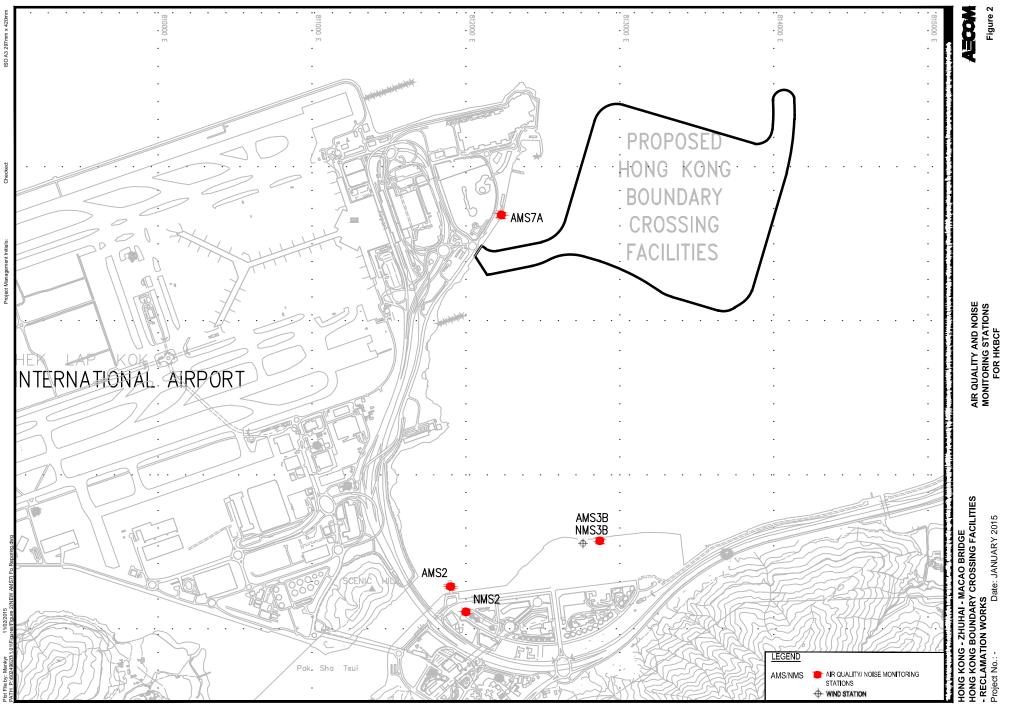
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Figure 2

Noise Monitoring Stations



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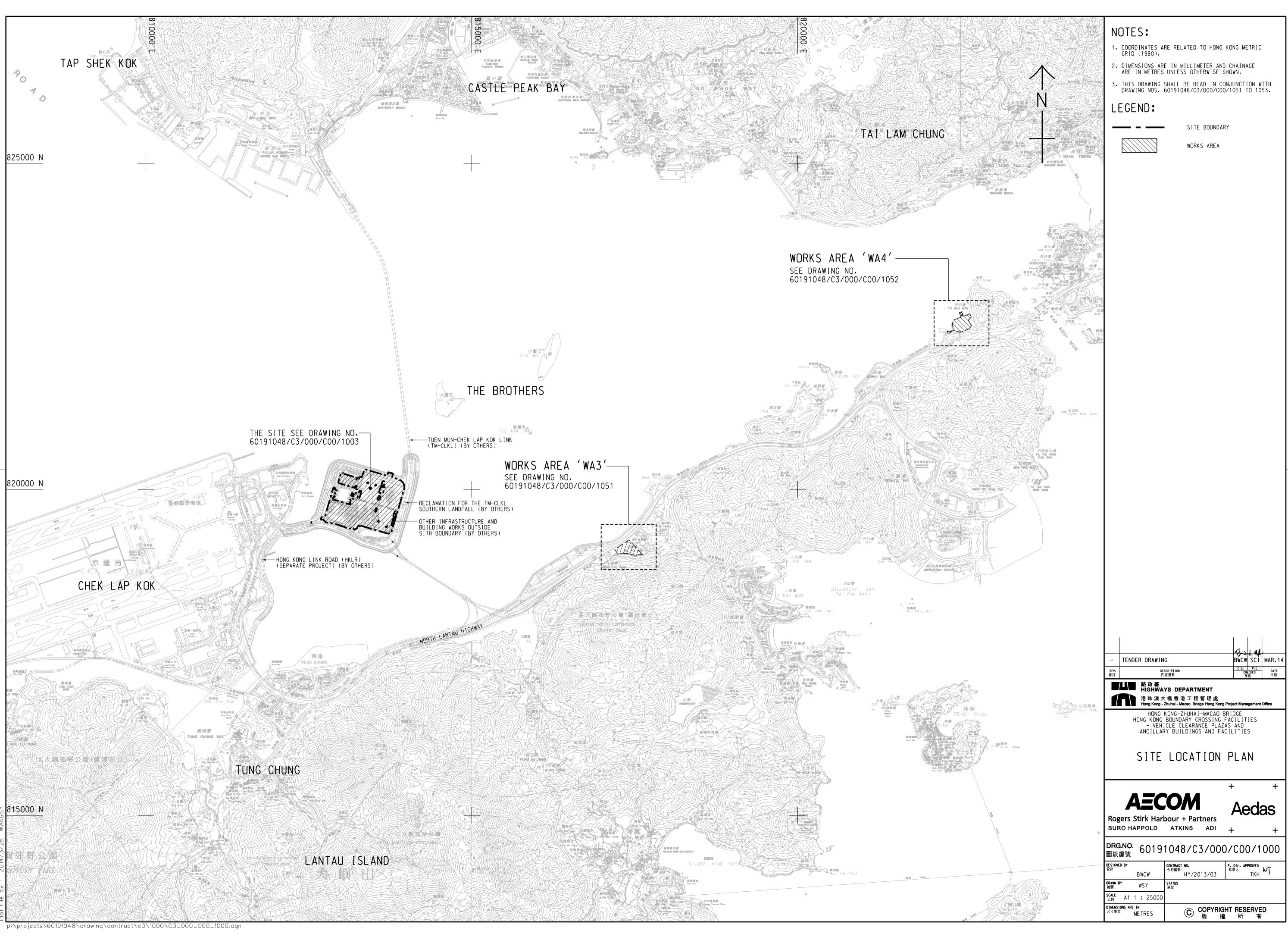
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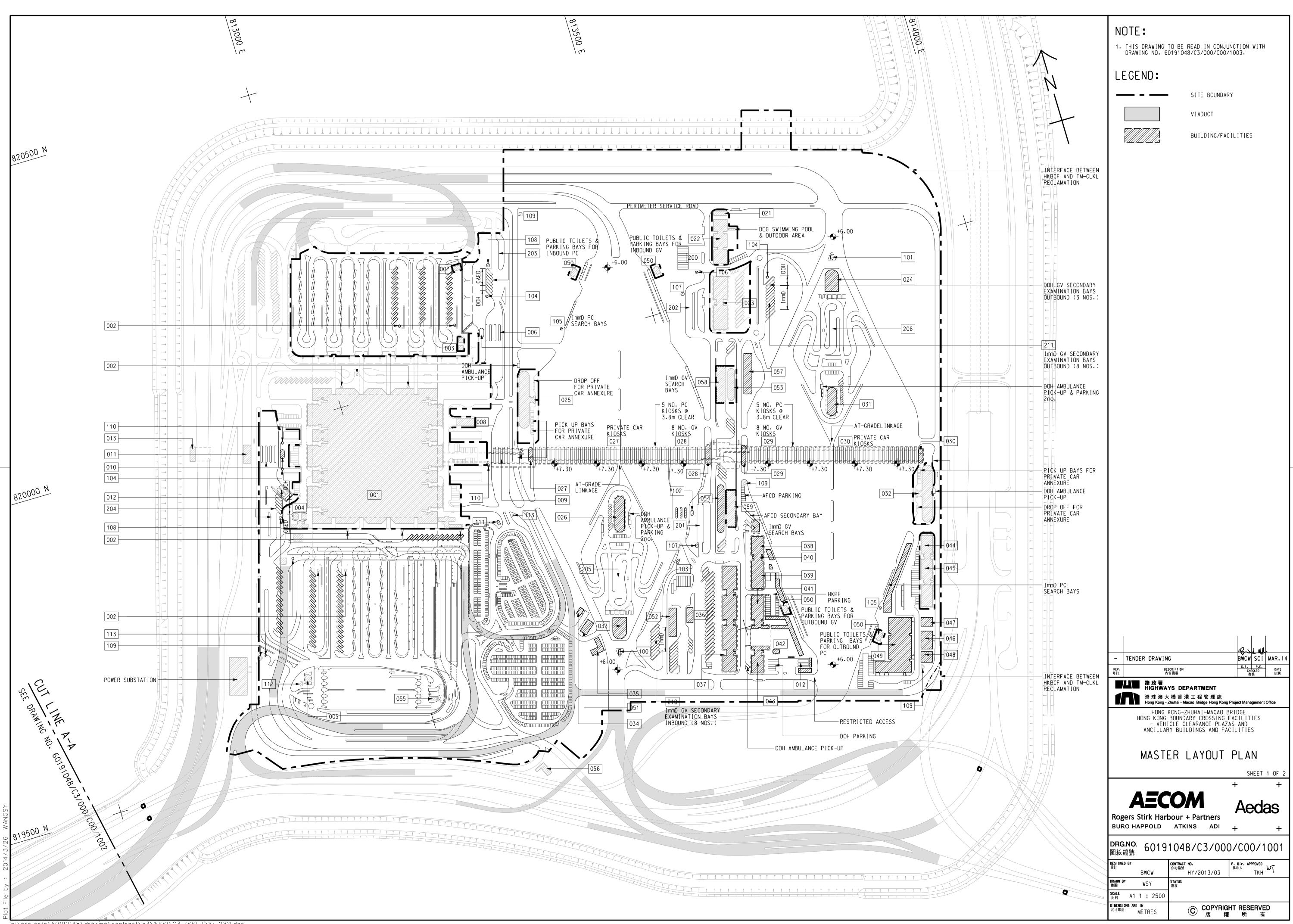


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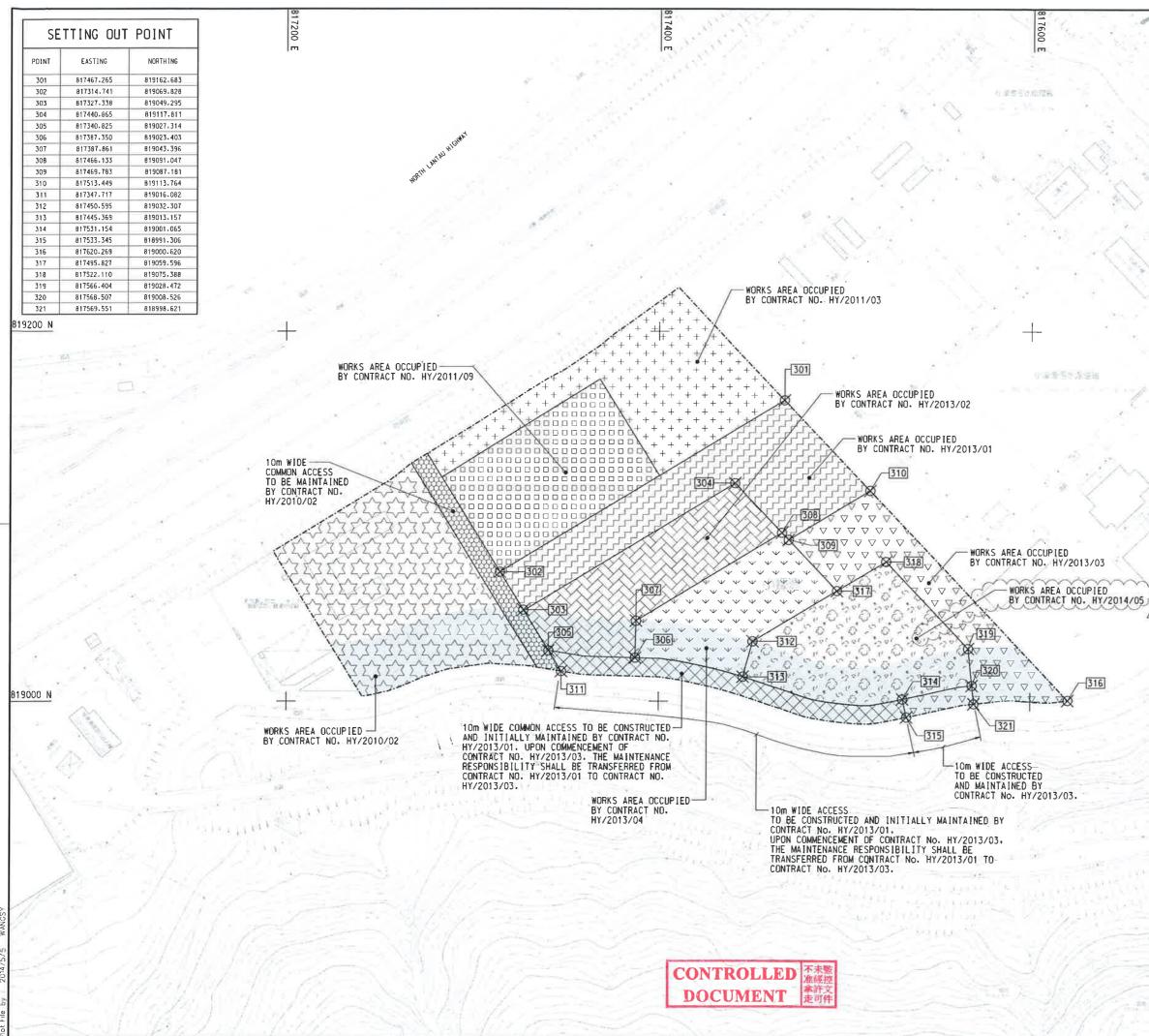
Appendix A

Location of Works Areas





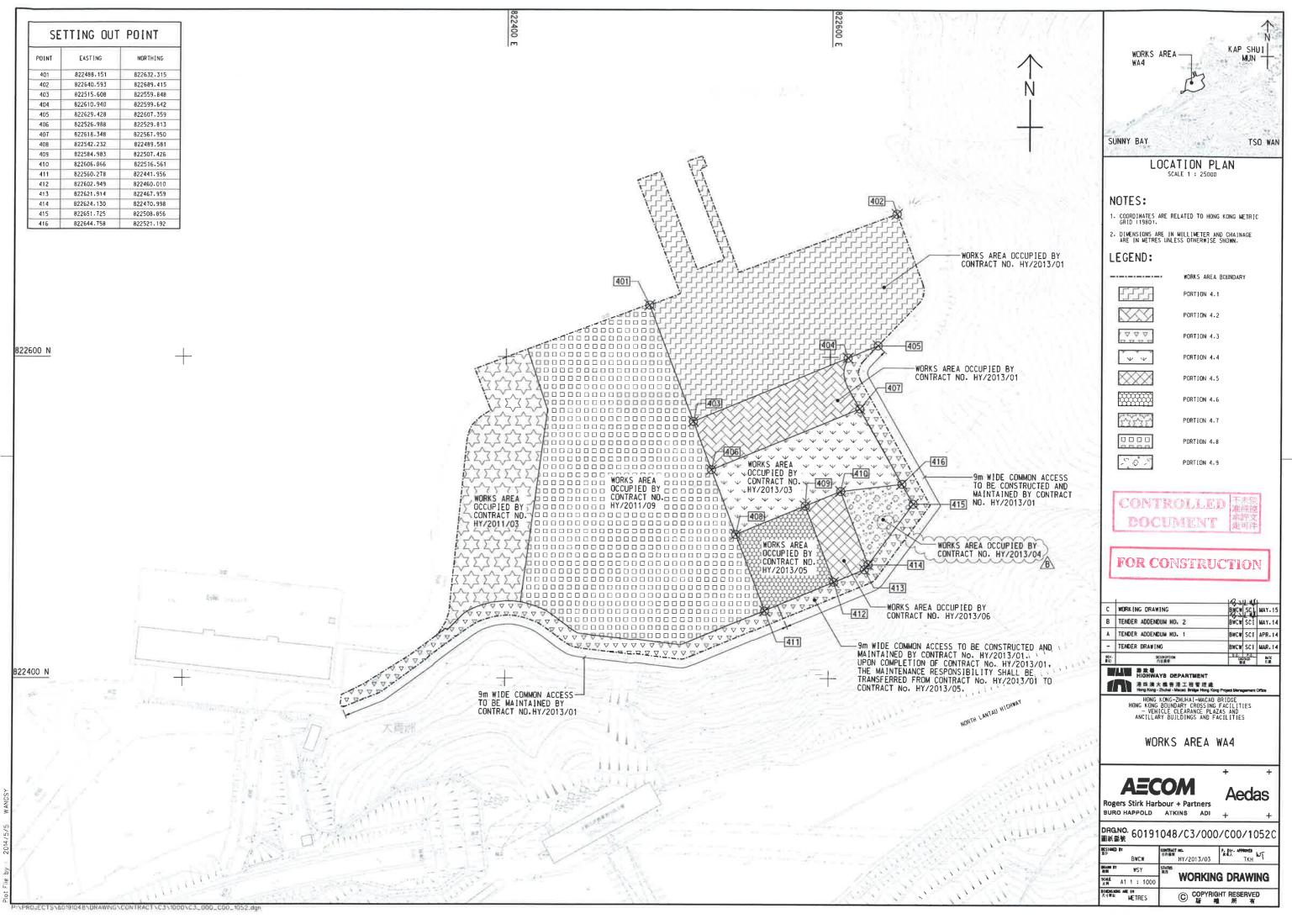
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Appendix B

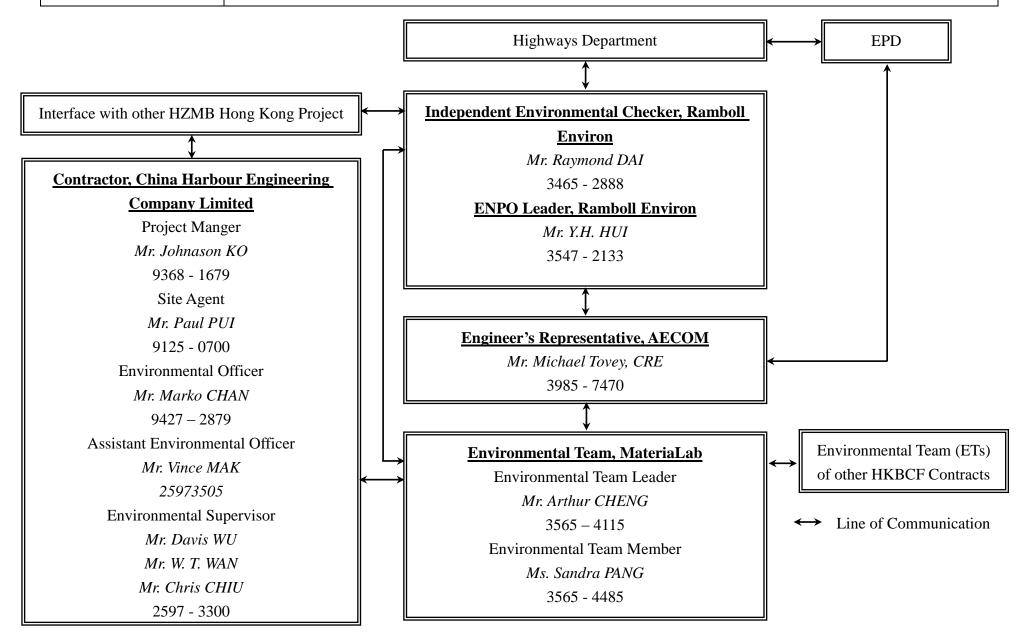
Project Organization for Environmental Works

CHINA HARBOUR ENGINEERING COMPANY LIMITED



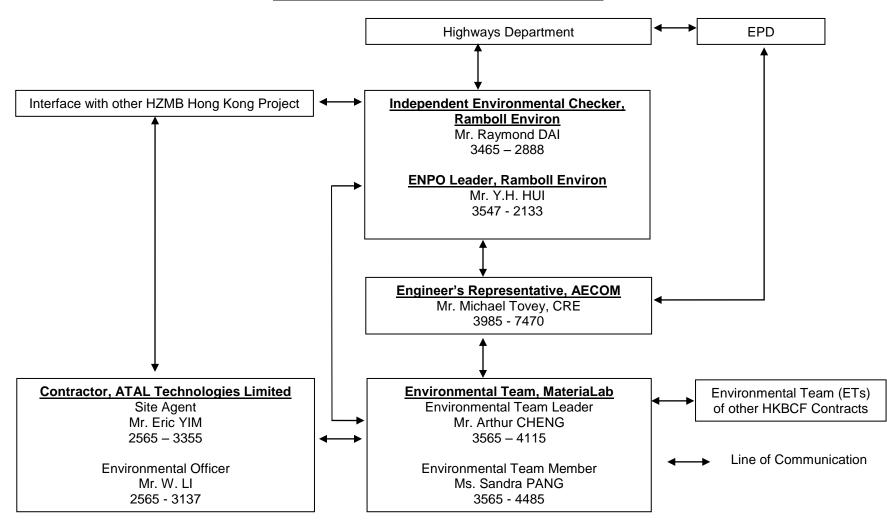
Contract No. HY/2013/03 Hong Kong-Zhuhai-Macao Bridge, Hong Kong Boundary Crossing Facilities – Vehicle Clearance Plazas and Ancillary Buildings and Facilities

Projects Organization for Environmental Works



Contract No. HY/2013/06 (within Contract No. HY/2013/03 works area) Hong Kong-Zhuhai-Macao Bridge, Hong Kong Boundary Crossing Facilities – Automatic Vehicle Clearance Support System

Projects Organization for Environmental Works



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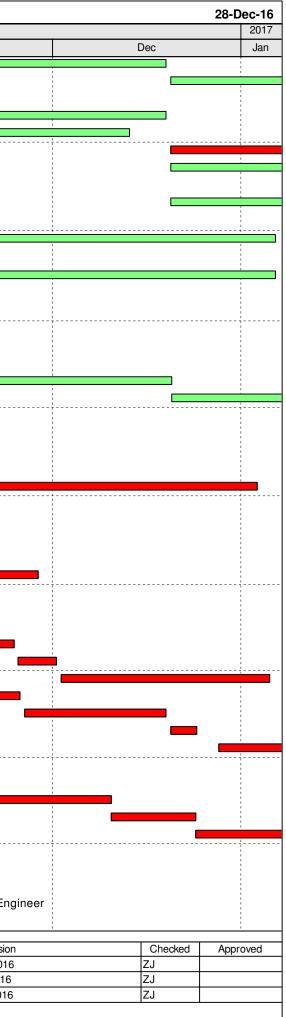
Appendix C

Construction Programme

ity ID	Activity Name			2016	6
			Sep	Oct	Nov
HKBCF - V	CP & Ancillary Buildings and Facilities, DWP Rev. 3	, DD 30 Sep. 16			
CONTRAC	CT DATES				
Key Dates					
A1150	KD15 Achievement of Stage 14 of the Works (548 days; 08 Oct. 16)				♦ KD1
	s & Possession				¥ 1001
	on of Portion of Site		Decension of Deution A1		
A0010	Possession of Portion A1 (<= 70 days)		 Possession of Portion A1 Despession of Portion A0 		
A0020	Possession of Portion A2 (<= 75 days)		Possession of Portion A2		
A0030	Possession of Portion B (<=100 days)			Possession of Portion B (<=100 day	,
A0050	Possession of Portion D (<=220 days)			Possession of Portion D (<=220 day	
A0060	Possession of Portion E (<=160 days)			Possession of Portion E (<=160 day	
A0080	Possession of Portion G (<=225 days)			 Possession of Portion G (<=225 day 	-
A0090	Possession of Portion H1 (<=273 days)			Possession of Portion H1 (<=273 da	• •
A0100	Possession of Portion H2 (<=273 days)			Possession of Portion H2 (<=273 da	• •
A0110	Possession of Portion J (<=320 days)			Possession of Portion J (<=320 day	
A0150	Possession of Portion N (<=345 days)			Possession of Portion N (<=345 day	
A0160	Possession of Portion P (<=502 days)			Possession of Portion P (<=502 day	
A0170	Possession of Portion Q (<=500 days)			Possession of Portion Q (<=500 day	(S)
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A0210	Contract Date for Access to Location 1.1 (490 days)		•	 Contract Date for Access to Location 	• •
A0220	Contract Date for Access to Location 1.2 (405 days)		·	Contract Date for Access to Location	
A0230	Contract Date for Access to Location 1.3 (488 days)		·	Contract Date for Access to Location	
A0240	Contract Date for Access to Location 1.4 (488 days)			 Contract Date for Access to Location 	
A0250	Contract Date for Access to Location 1.5 (580 days)				 Contract D
A0280	Contract Date for Access to Location 1.7A (610 days)				
A0290	Contract Date for Access to Location 1.7B (610 days)				
A0300	Contract Date for Access to Location 1.7C (610 days)				
A0310	Contract Date for Access to Location 1.8 PCB (Basement level up to	ground floor slab) (395 days)		Contract Date for Access to Location	1.8 PCB (Basement I
A0320	Contract Date for Access to Location 1.8 PCB (Ground Floor level or	above) (515 davs)		Contract Date for Access to Location	1.8 PCB (Ground Flo
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A0350	Contract Date for Access to External Area for Contract HY/2013/04 E	LV System Installation (560 days)		♦ Contract Dat	te for Access to Extern
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SA9140	Pile testing				
Pile Cap					
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SA9220	Cap - P904				
SA9230	Cap - P903				
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er up to gr	ound hoor slab) (595 days)	
loval ar at	oove) (515 days)	
IO Externa	al Area for Contract HY/2013/01 for E	LV SYS
Aroa for C	ontract HY/2013/02 for ELV System	notallat
Area lor C	ontract H 1/2013/02 for ELV System I	nstanat
Area far C	ontract HY/2013/04 ELV System Inst	allation
Area lor C	ontract H 1/2013/04 ELV System Inst	anation
ion	Checked Appro	oved
16	ZJ	
16	ZJ	
16	ZJ	

/ity ID	ndary Crossing Facilities - Vehicle Clearance Plazas and Activity Name					2016
			Sep	Od		Nov
SA9240	Cap - P902					
SA9250	Cap - A901					
Pier & Abut	•					
SA9310	Abutment A905					
SA9320	Pier P904					
SA9330	Pier P903		+			· -
SA9340	Pier P902					
Structure	Deck					
SA9400	Falsework for Deck A905 - P904					
Retaining	Wall W8-1					
	Construction of Retaing Wall W8-1 (U-shape, 4 bays)					· · · · · · · · · · · · · · · · · · ·
Retaining						
	Construction of Retaining Wall W9-1 (U-shape, 4 bays) (+PL Te	est)				1
Box Culver						
	t D Construction					
SD0140	Box Culvert D Construction (Stage 1, Bay 33 - 35)					
SD0140	Box Culvert D Construction (Stage 1, Bay 35 - 35) Box Culvert D Construction (Stage 2, Bay 36 - 38)					
SD0150	Box Culvert D Construction (Stage 2, Bay 39 - 38) Box Culvert D Construction (Stage 3, Bay 39 - 42)					;
SD0100	Box Culvert D Construction (Stage 3, Bay 39 - 42) Box Culvert D Construction (Stage 4, Bay 19 - 21 & 24 - 32)					
SD0170	Box Culvert D Backfilling					
	-					
	Water Pumping Station, Portion A1 & A2					
A04715	Removal of Surcharge					
A04720	Excavation + Blinding					
A04730	Pile Testing					
A04740	Water Tank Construction					····
	ge Treatment Plant, Portion A1 & A2					
A04945	Removal of Surcharge					
A04946	Excavation to 0.0mPD/+4.9mPD					
A04948	Pile Testing					
A04950	Sheet Piling as ELS1 for Equalization Tanks		 	····		·
A04960	Sheet Piling as ELS2 for Sludge Holding Tanks					
A04970	Sheet Piling as ELS3 for MBR Tanks					
B04960	ELS1 + Blinding for Equalization Tanks					
B04970	Constructing Base Slab for Equalization Tanks		1			
B04980	Backfiling + Removing 3rd Strut of ELS1			<mark>.</mark>		
B04990	Constructing Wall Stem for Equalization Tanks					
C04930	ELS2 + Blinding for Equalization Tanks					
C04940	Constructing Base Slab of Equalization Tanks					
C04950	Backfiling + Removal Strut of ELS2					
C04960	Constructing Wall Stem of Sludge Holding Tanks			<u>.</u>		
D04910	ELS3 w/struts + Blinding for MBR Tanks					
D04920	Constructing Base Slab for MBR Tanks					
D04930	Constructing Wall Stem for MBR Tanks					
D04940	Water-tightness Test for MBR Tanks					
D04950	Backfiling + Removal of ELS3					
Completion	n of Fire Services Installation and Equipment (FCD)					
F04950	Provision of Approved Building Plans by the Engineer			Provision of Appro	oved Building F	Plans by the Engineer
	s Ordinance (WSD)					
G04910	Provision of Approval Letter and approved Drawings by the Eng	jineer		Provision of Appro	oval Letter and	approved Drawings by the
G04920	Submission of WWO46 - Part I & II (Inside Services)		1 1 1			
					Date	Rev
Actual W			TH ROLLING PROGRAMME			3MRP updated as of 30 Sep. 2
	ng Work	VEHICLE CLEARANCE PLAZAS		S AND FACILITIES		3MRP updated as of 30 Oct. 20
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Mileston		1				



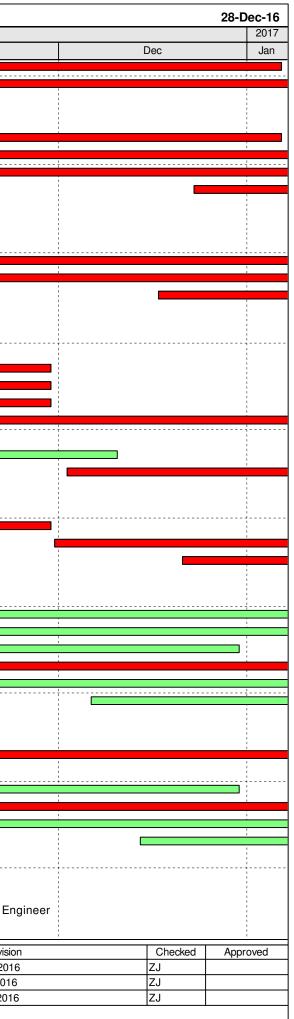
y ID	Indary Crossing Facilities - Vehicle Clearance Plazas and A Activity Name					2016
.y 10		T-	Sep	00	t	Nov
Portion A1	Buildings		La construcción de la construcci			
	Disinsection Area and Store Room 1, at Portion A1					
A01250	Finishing	;				
A01260	BS for Office Accomodation (Stage 8)					
A01270	BS + E&M for Office Accomodation (Stage 9)					
A01280	Other BS + E&M Installation					<u>i</u>
036 - Weig						
A03665	External Wall Plaster & Tile					
A03670	BS for Office Accomodation (Stage 8)					
A03680	BS + E&M for Office Accomodation (Stage 9)					
A03690	Other BS + E&M Instaalation	k				
B03620	WWO 46 Part I & II Submission					
	Tower Cum Inbound Cargo Examination Building (Portion	A1 8 P)				
A03738	DDA Submission/Approval for Curtain Wall/Metal Roof/Alum. Cla					1
A03740	Steel Frame Structure Installation					
A03742A	Mock-up Sample for Curtain Wall					
A03742B	Mock-up Sample for Cladding					
A03742C	Mock-up Sample for Mesh Screen Wall (SS41) & Balustrade					
A03742D	Mock-up Sample for Painted Concrete Wall					
A03742F	Mock-up Sample for External Wall Tiling					
A03744	Curtain Wall/Metal Roof/Aluminium Cladding Installation					
A03746	Blockwall Laying					1
A03748	Wall/Ceiling Plastering/Tiling					
A03752	Floor Screed/Tiling			!		
A03760	BS for Office Accomodation (Stage 8)					
A03790	Other BS + E&M Installation					
B03720	WWO 46 Part I & II Submission					
041 Fire S	Station Cum Ambulance Depot					
A04105	Excavation + Blinding					
A04110	Substructure					
A04120	Super Structure, G/F to 1/F					
A04122	Super Structure, 1/F to 2/F (incl. parapet wall and planter wall)					
A04124	DDA Submission/Approval for Cladding & Curtain Wall					
A04126	Cladding & Curtain Wall Installation (incl. steel & metal works)					
B04120	WWO 46 Part I & II Submission					
042 Drill 1	Tower					
A04250	Super Structure					
A04260	Finishing					
A04270	BS for Office Accomodation (Stage 8)					
A04280	BS + E&M for Office Accomodation (Stage 9)					
A04290	Other BS + E&M Installation					i
	Office + Store Room					
	Super Structure					
Δηγάσο	-					
A04330	Water Tanks for ES /Sprinkler Pump Room					
A04340	Water Tanks for F.S./Sprinkler Pump Room					
A04340 A04360	DDA Submission for Cladding & Curtain Wall					
A04340 A04360 A04380	DDA Submission for Cladding & Curtain Wall BS for Office Accomodation (Stage 8)					
A04340 A04360 A04380 B04310	DDA Submission for Cladding & Curtain WallBS for Office Accomodation (Stage 8)Other BS + E&M Installation					
A04340 A04360 A04380 B04310 B04330	DDA Submission for Cladding & Curtain WallBS for Office Accomodation (Stage 8)Other BS + E&M InstallationStainless Steel Mesh Installation					
A04340 A04360 A04380 B04310 B04330 B04340	DDA Submission for Cladding & Curtain WallBS for Office Accomodation (Stage 8)Other BS + E&M InstallationStainless Steel Mesh InstallationMetal Windows/Louvres/Doors/Railing etc. installation					
A04340 A04360 A04380 B04310 B04330	DDA Submission for Cladding & Curtain WallBS for Office Accomodation (Stage 8)Other BS + E&M InstallationStainless Steel Mesh Installation					
A04340 A04360 A04380 B04310 B04330 B04340 B04350	DDA Submission for Cladding & Curtain Wall BS for Office Accomodation (Stage 8) Other BS + E&M Installation Stainless Steel Mesh Installation Metal Windows/Louvres/Doors/Railing etc. installation Blockworks				Date	
A04340 A04360 A04380 B04310 B04330 B04340 B04350	DDA Submission for Cladding & Curtain Wall BS for Office Accomodation (Stage 8) Other BS + E&M Installation Stainless Steel Mesh Installation Metal Windows/Louvres/Doors/Railing etc. installation Blockworks				30-Sep-16	Rev 3MRP updated as of 30 Sep. 2
A04340 A04360 A04380 B04310 B04330 B04340 B04350	DDA Submission for Cladding & Curtain Wall BS for Office Accomodation (Stage 8) Other BS + E&M Installation Stainless Steel Mesh Installation Metal Windows/Louvres/Doors/Railing etc. installation Blockworks	VEHICLE CLEARANCE PLAZAS AN		AND FACILITIES	30-Sep-16 31-Oct-16	Rev 3MRP updated as of 30 Sep. 2 3MRP updated as of 30 Oct. 2 3MRP updated as of 30 Nov. 2



ity ID	Activity Name					2016
			Sep	Oc	t	Nov
	Wall Plastering/Tiling					
	C/S Wall Plastering					
	WWO 46 Part I & II Submission					•
	forms (Zone 4)					
	Energisation by CLP					· · · · · · · · · · · · · · · · · · ·
	BS + E&M Installation (KD9)					
	Ceiling/Wall Painting Finish & Floor Screed					
	External Wall Plaster & Wall (KD10)					
	of Fire Services Installation and Equipment (FCD)					Diana ku tha Englishan
	Provision of Approved Building Plans by the Engineer				ved Building	Plans by the Engineer
	Ordinance (WSD)					
	Provision of Approval Letter and approved Drawings by the Eng	gineer			val Letter and	l approved Drawings by the
	uard Booth, Portion A1 (Mock Up)		-			
	Shop Drawings & Material Submission					1
	elop Structure Installation					
	Shop Drawing Submission and Approval					
	Fabrication of F/C System					
External Wor	ks for Portion A1					
Drainage Wo	orks					
A1S010	Initial Survey					
ED0020	Drainage Works (773m & 34MHs), Stage 1 (Western)		1			
ED0030	Sewerage (300m & 9MHs), Stage 1 (Western)					
ED5590	Drainage Works (774m & 35MHs), Stage 2 (Middle)					
ED5600	Sewerage (300m & 9MHs), Stage 2 (Middle)					1
Waterpipe L	aying					
	Fresh Water Main Laying (700 m), Stage 1 (Western)		·;			
	Flushing Water Main Laying (322 m), Stage 1 (Western)					
	for Utilities/Telecom Cabling, TCSS & Lighting					
	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV					
PORTION A						
Portion A2 S						
	med Water Pumping Station, Portion A2					
	Removal of surcharge		-			
	Sheet Piling as ELS for Basement 1		-			
	Pile testing					· · · · · · · · · · · · · · · · · · ·
	Excavation + Blinding for Basement 1		-			
	Basement 1 Construction					
Retaining W						
	Construction of Retaining Wall W9-2 (U-shape, 6 bay)		-			1
	ks for Portion A2					
Drainage Wo	orks					
A2S010	Initial Survey					
PORTION B						
Portion B Str	ructures					
Retaining W						
	Construction of Retaining Wall W7-2 (L-shape, 1 bays)					
Retaining W						
			-			
	Construction of Retaining Wall W6-1 (L-shape, 4 bays)					
Bay 4 - 19 o	f CUE/Staff Subway				-	
Actual Wo	rk	THREE MON	TH ROLLING PROGRAMME		Date	Revi
Remaining	g Work	VEHICLE CLEARANCE PLAZAS	AND ANCILLARY BUILDING	S AND FACILITIES		3MRP updated as of 30 Sep. 20
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					100-1007-10	3MRP updated as of 30 Nov. 20

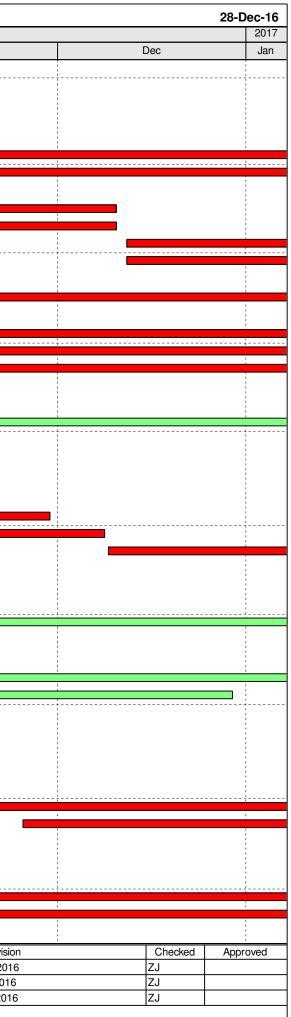


ty ID	Indary Crossing Facilities - Vehicle Clearance Plazas and Activity Name	Anomaly bundings and Facilities				2016
ly ID			Sep	00		Nov
C02760	Internal Finishes & Cable Containment (KD1)					1101
C02770	BS + E&M Installation for ACVSS (Stage 1)					
	4 of CUE/Staff Subway					
C02820	Bay 20 - 24 Construction - Base Slab			:		
C02830	Bay 20 - 24 Construction - Wall + Top Slab		1			
C02840	Internal Finishes & Cable Containment (KD1)					
C02850	BS + E&M Installation for ACVSS (Stage 1)					
C02860	Chilled Water Pipe (CUE) installation					
	9 of CUE/Staff Subway					
C02920	Bay 25 -29 Construction - Base Slab					
C02920	Bay 25 - 29 Construction - Wall + Top Slab		:			
C02930	Internal Finishes & Cable Containment (KD1)					
C02900 C02970	BS + E&M Installation for ACVSS (KD1)					
C02970	Chilled Water Pipe (CUE) installation					
Portion B I						
_	bound Kiosks & 029 Outbound Kiosks				<u> </u>	<u>+</u>
A02700	Submission & Approval for Steel Works					
A02710	Pre-fabrication for the Steel Kiosks		1			
A02715	Mock up for Steel Kiosks		-			1 1
A02718	Mock up for Goods Vehicle Canopy					
A02720	Super structure					
A02730	Construction of Subway Entrance					
A02740	Construction of Subway Toilets					
A02780	BS + E&M for AVCSS Works (KD18A)					
027/028 In	bound Kiosks & 029 Outbound Kiosks, Section IX, Subje	ct to Excision				
B02730	Submission & Approval for Steel Works					· · · · · · · · · · · · · · · · · · ·
B02740	Pre-fabrication for the Steel Kiosks		1			
B02750	Super structure					
B02760	BS + E&M for AVCSS Works (KD18C)					
026 Inbou	nd IMMD and DOH Secondary Screening Building					
A02630	Super Structure					
A02640	Finishing		; ;	· · · · · · · · · · · · · · · · · · ·		
A02650	Contractor's Design Submission for SS Mesh Screen & Approva	l				
A02660	Contractor's Design Submission for Aluminium Cladding & Appr	roval				
A02670	BS for Office Accomodation (Stage 8)					
A02690	Other BS + E&M Installation					
B02610	Lift Installation		;			
054 Inbou	nd Fixed X-ray Building					
A05455	Superstructure, 1/F to 2/F (incl. parapet wall and planter wall)					
A05460	Finishing					1
A05465	BS + E&M for Tx Room to CLP (Stage 5)					
A05467	Energisation by CLP		, , , ,			
A05470	BS for Office Accomodation (Stage 8)					
A05490	Other BS + E&M Installation					
B05410	Lift Installation					
	on of Fire Services Installation and Equipment (FCD)					
	Provision of Approved Building Plans by the Engineer			Provision of Approx	oved Building	Plans by the Engineer
	ks Ordinance (WSD)				g	
G05410	Provision of Approval Letter and approved Drawings by the Eng	ineer		Provision of Appro	oval Letter and	d approved Drawings by
038 AFCD						
030 AFCD			1			1
Actual V	Nork	THREE MON	TH ROLLING PROGRAMME		Date	
Remain	ning Work	VEHICLE CLEARANCE PLAZAS		AND FACILITIES	30-Sep-16	3MRP updated as of 30 S
Critical			Page 5 of 16		31-Oct-16	3MRP updated as of 30 C 3MRP updated as of 30 N
	ne		-		30-Nov-16	Joiving updated as of 30 N

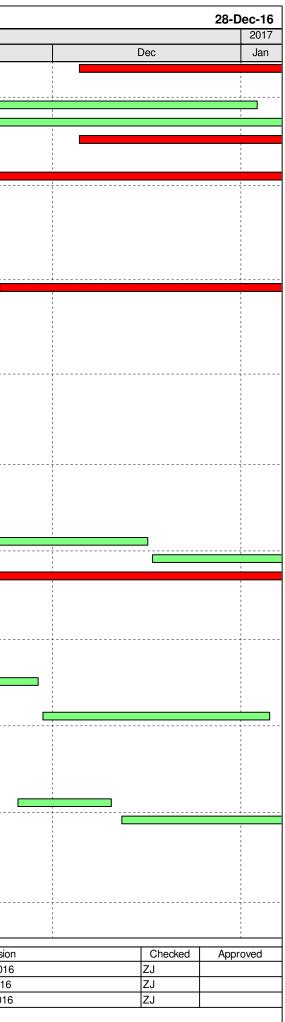


ivity ID	undary Crossing Facilities - Vehicle Clearance Plazas and Activity Name	Ancinary Bundings and Facilities			0	016		28-Dec-
			Sep	0		Nov	Dec	Ja
A03810	Excavation + Blinding							
A03820	Substructure	[
039 Police	e Main Building							
A03910	Excavation + Blinding							
A03920	Substructure							
A03930	Super Structure; G/F to 1/F							, ,
040 Incide	ent Control Tower							
A04010	Excavation + Blinding							1
A04020	Substructure							1
A04040	Super Structure							;
	ladding System							
B04020								!
Glass Wal	-							1
C04010	Shop Drawing Submission and Approval			1				
C04020				1				
	F UVSS Monitor Room							
	Excavation + Blinding							
A10205								
A10210	Substructure (Raft Foundation)							
A10220	Super Structure							
	nopy and Roof Installation							
B10210								1
	Fabrication of MC/R							
	e Inspection Post							
A10310	Excavation + Blinding							- - - - -
A10330	Raft Foundation							
A10340	Super Structure (Roof Slabs)							
A10350	Finishing (False Ceiling) (KD9)							
A10360	BS for Office Accomodation (Stage 8)							
HPL Com	posite Panel Cladding System							
B10310	Shop Drawing Submission and Approval							
057 Trans	sformers (Zone 2)							
A05730	Supersturcture							
Completio	on of Fire Services Installation and Equipment (FCD)							
F05740	Provision of Approved Building Plans by the Engineer			Provision of Appr	oved Building Pl	ans by the Engineer		1
Waterwor	rks Ordinance (WSD)							
	Provision of Approval Letter and approved Drawings by the Eng	ineer		Provision of Appresimation	oval Letter and a	pproved Drawings by the Engineer		
	D Mobile X-ray Operation Office (Cargo), Portion B							
C10710	Excavation + Blinding							
C10720	Raft Foundation							
C10720	Superstructure (Roof Slabs)							1
	d Kiosk for Access Control, Portion B							
B11310	Excavation + Blinding							
B11320	Raft Foundation							
B11330	Superstructure (Roof Beams & Slabs)							
	Vorks for Portion B							
Works in	Location 1.7A							
BB1480	ELV Works & T&C in Location 1.7A							
Works in	Location 1.7B							1
BB1490	ELV Works & T&C in Location 1.7B							
				1 ¹	Date	Revision	Checked	Approve
Actual						MRP updated as of 30 Sep. 2016	ZJ	
	ning Work			AND FACILITIES		MRP updated as of 30 Oct. 2016	ZJ	
Critical		Page 6 d	n i b		30-Nov-16 3	MRP updated as of 30 Nov. 2016	ZJ	

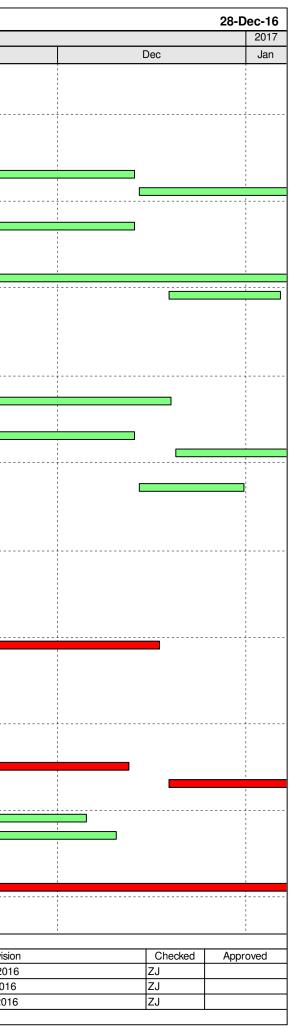
tivity ID	Activity Name	Ancillary Buildings and Facilities		2016
		Sep (Dct	Nov
Drainage	Works			
ED1540	Drainage Works (1130m & 60 MHs), Stage 1 (S/W)			
ED3580	Sewerage (275m & 8MHs), Stage 1 (S/W)			
ED5650	Drainage Works (1130m & 60MHs), Stage 2 (S/E)			
ED5660	Sewerage (300m & 8MHs), Stage 2 (S/E)			
ED5670	Drainage Works (1130m & 60MHs), Stage 3 (N/W)			
ED5680	Sewerage (300m & 8MHs), Stage 3 (N/W)			
Waterpipe	e Laying			
EW1550	Fresh Water Main Laying (472m), Stage 1 (S/W)			
EW1560	Flushing Water Main Laying (460m), Stage 1 (S/W)			
EW6080	Fresh Water Main Laying (500m), Stage 2 (S/E)			
EW6090	Flushing Water Main Laying (460m), Stage 2 (S/E)			
	ng for Utilities/Telecom Cabling, TCSS & Lighting			
EU5300	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV			
Roadwork				
ER1640	Subbase (10000 ton), Stage 1 (N/W)			
ER3590	Bitumen Pavement (14000 ton), Stage 1 (N/W)			
ER3590				
	Rigid Pavement (594 m3), Footpath & EVA, Stage 1 (N/W)			
	try ADS 306A & ADS 306B			
ES5230	Submission and approval for Sign Gantry	i		
ES5240	Fabrication & Delivery of Sign Gantrys to Site			<u>i</u>
PORTION	<u>C</u>			
Portion C	Buildings			
009 - Staft	f Subway Entrance (Bay 0 - 3) & Shuttle Bus Kiosks			
A00930	Constructing Wall + Top Slab of Bay 0 -3			
A00940	Finishing			
A00950	BS + E&M for AVCSS works (KD 1)			
B00910	Substructure and Staircase Construction (Portion B&C)			
104 - DOH	Secondary Screening Station, at Portion C			
	ladding System			
A10460	Shop Drawing Submission and Approval			
A10465	Fabrication of F/C System			
	Vorks for Portion C			
	Location 1.2, 1.8 & 011 - Emergency Generator Building			
	Works & T&C in Location 1.2			
BB1440 BB1460				, i i i i i i i i i i i i i i i i i i i
	ELV System Installation for Contract HY/2013/01			
PORTION				
Portion D				
113 - Field	l Kiosk for Access Control, Portion D			
C11350	Excavation & Blinding			
C11360	Raft Foundation			
C11370	Superstructure (Roof Beams & Slabs)			
D11340	BS for Office Accomodation (Stage 8)			
External W	orks for Portion D			
Drainage				
B00050	Initial Survey			
SG3640	Drainage Works (361m & 14MHs)			
SG3640 SG3760				
	Sewerage (121m & 6MHs)			
Waterpipe	Laying			
Actual	Work	THREE MONTH ROLLING PROGRAMME	Date	Rev
Remair	ning Work	VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES		3MRP updated as of 30 Sep. 2
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ivity ID	ndary Crossing Facilities - Vehicle Clearance Plazas and Activity Name				2016
		Sep	C	Dct	Nov
SW3650	Fresh Water Main Laying (108m)				
Duct Layin	g for Utilities/Telecom Cabling, TCSS & Lighting				
B11480	ELV System Installation for Contract HY/2013/02				
SU5340	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV				
	Duct & Cable Laying for TCSS & Lighting				
	Car Park Management System at Location 1.5, 1.6A & 1.6B				
SR5540	Works & T&C for Car Park Management System at Location 1.5				
PORTION				• • • • • • • • • • • • • • • • • • • •	
Portion E B					
	tle Bus Kiosk & Staff Subway Entrance, at Portion E & M				
	ELS + Blinding for Subway				
	Constructing base of Subway				
A00630	Constructing wall stem + top slab of Subway				
	orks for Portion E				
Drainage V					
B00060	Initial Survey		rin and the second s		
PORTION	G, H1 & H2				
Portion G S	Structures				
Box Culve					
Steel H Pile					
SC0240	Removal of surcharge				
SC0250	Sheeting Piling for (approx 150m long), Stage 1				
SC0260	Box C - 67 nos. of driven H pile, Stage 1				
SC0200	Box C - 38 nos. of driven H pile, Stage 2				
SC0270	Box C - 54 nos. of driven H pile, Stage 2				
	rt Structure				
	Box C - Branch Construction			_	
	Box C - Branch Backfilling			_	
SC0380	Box C - Construction of Main Body				
Bridge A1					
Bored Pile					
SA1130	Bore pile for other 2 nos. (A106)				
SA1140	Pile Testing				
Pile Cap					
SA1210	Cap - A106				
Pier & Abu					
SA1310	Abutment A106				
	Pier P105				
Structure I					
SA1420	Deck on P103 & P104 + Stressing				
SA1440	Deck on P102, P103 + Stressing				
	Falsework for Deck P104, P105				
	Deck on P104, P105 + Stressing				
Bridge A2					
Structure I					
SA2440	Deck on P202, P203, P601 + Stressing				
Bridge A3					
Bored Pile					
	Pile Testing for P304a/b				
				Date	Revi
Actual W				30-Sep-16	3MRP updated as of 30 Sep. 2
	ing Work	VEHICLE CLEARANCE PLAZAS AND ANCILLARY BU	ILDINGS AND FACILITIES	31-Oct-16	3MRP updated as of 30 Oct. 20
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rity ID	Activity Name					2016
			Sep	Oct	t	Nov
Pile Cap						
SA3220	Cap - P304a/b					
SA3230	Cap - P302					1 1 1
SA3240	Cap - P303					
SA3250	Cap - A305					
Pier & Abu	tment					
SA3320	Pier P304a, P304b					
SA3330	Abutment A305					
SA3340	Pier P302					1
SA3350	Pier P303					
Structure I	Deck					
SA3410	Falsework for Deck P301 - P302					
SA3420	Deck on P301 - P302 + Stressing					
SA3430	Falsework for Deck P302 - P303					
Bridge A4						
Bored Pile						
SA4130	Pile Testing					
Pile Cap						
SA4210	Cap - P401					¹
	Cap - P402					
Pier & Abu	-					
	Pier P401					
	Pier P402					
Structure						
SA4410	Falsework for Deck P502b, P401					
Bridge A5						
Bored Pile				1 1 1		1
	Pile Testing for A503 & P506					
						·····
SA5160	Pile Testing for A501 & P502a/b, P507					
Pile Cap	0					
SA5210	Cap - P504					
SA5220	Cap - P505					
SA5230	Cap - P503					
SA5240	Cap - P506					
SA5250	Cap - A501					
SA5260	Cap - P502a/b			• • •		
SA5270	Cap - P507					
Pier & Abu						
SA5310	Pier P504					
SA5320	Pier P505					
SA5330	Pier P503					
SA5340	Pier P506					
SA5350	Pier P507					
SA5360	Pier P502a/b			. 		
SA5370	Abutment A501					
Structure I						
SA5410	Falsework for Deck P504 - P505					
SA5420	Deck on P504, P505 + Stressing					
Bridge A6	,		L			
Pile Cap						
			1	1		1
Actual V	Vork		TH ROLLING PROGRAMME		Date	
			AND ANCILLARY BUILDINGS A		30-Sep-16	3MRP updated as of 30 Se
Remain						
Remaini		VEHICLE CLEARANCE PEAZAS	Page 9 of 16		31-Oct-16 30-Nov-16	3MRP updated as of 30 Oc 3MRP updated as of 30 No



y ID	Activity Name					2016
•			Sep	Oct	:	Nov
SA6270	Cap - A607/711			•		
Pier & Abu	Itment					
SA6330	Pier P603					
SA6370	Abutment A607			ļ		
Structure	Deck					
SA6400	Falsework for Deck P601, P602					
SA6410	Deck on P601, P602 + Stressing					
SA6420	Falsework for Deck P602, P603					
SA6430	Deck on P602, P603 + Stressing					
Bridge A7a	a, A7b, A7c					
Bored Pile						
SA7160	Bore Piling for A701, P702 - P705, 10 Nr.		-			
SA7230	Pile Testing for A701, P702, P703		-			
Pile Cap						
SA7340	Cap for P704					
SA7350	Cap for P705					
SA7360	Cap for P702					
SA7300	Cap for P703		-			
SA7370 SA7380	Cap for A701					
Pier & Abu			-			
SA7540	Pier P704			i		
			_			
SA7550	Pier P705		_			
SA7560	Pier P702					
SA7570	Pier P703					
SA7620	Pier P710		_			
SA7650	Abutment A711		=			
Structure			-			
SA7710	Falsework for Deck P706, P707, P712 (A7b)					i i
SA7720	Deck on P706, P707 & P712 (Bridge A7b) + Stressing					
SA7730	Falsework for Deck P705 - P706					
SA7740	Deck on P705 & P706 (Bridge A7a) + Stressing		_			
SA7750	Falsework for Deck P704, P705					
SA7850	Falsework for Deck P707, P708 (A7c)					
SA7860	Deck on P707, P708 (Bridge A7c) + Stressing					
SA7940	Parapet for Bridge A7b (8 pour) & E&M Works					
Bridge A8						
Pile Cap						
SA8210	Cap - Abutment A804					
SA8220	Cap for P802					
SA8230	Cap for P803					
Pier & Abu	•		-			
SA8310	Abutment A804		-			
SA8320	Pier P802		-			
SA8330	Pier P803					; ;
Structure			-			
SA8410	Falsework for Deck P801, P802					
SA8410 SA8420			-			
	Deck on P802, P802 + Stressing					
	Walls W1-1, W3-1, W5-1 & W7-1					
Retaining						
SW3130	Bored Pile for W3-1, 16 Nr.					
					Data	
Actual V		THREE MON	ITH ROLLING PROGRAMME		Date	R R
Remain	ing Work	VEHICLE CLEARANCE PLAZAS	AND ANCILLARY BUILDINGS	AND FACILITIES		3MRP updated as of 30 Sep 3MRP updated as of 30 Oct.
Critical			Page 10 of 16			3MRP updated as of 30 Oct.
			-		1.30-100/-16	VINEP LINDATED as of RU MON

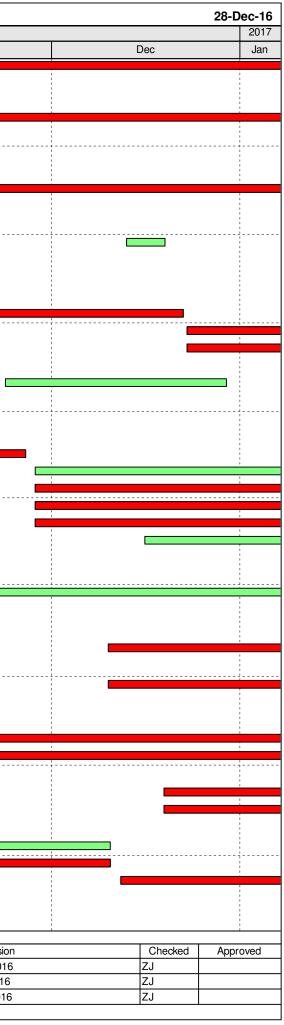


ID	Activity Name		1			2016
			Sep	Oct		No
Retaining \						
	Construction of Retaining Wall W5-1 (L-shape, 5 bays)					
Portion G E	Buildings			1		
033 Inbour	nd Private Car Exam Building					
A03320	Super Structure					
A03330	Finishing					
A03360	External Works					
A03370	BS for Office Accomodation (Stage 8)					
A03390	Other BS + E&M Installation					
Glass Can	opy Installation					
B03300	Shop Drawing Submission and Approval					
B03305	Fabrication of Glass Canopy					i
B03350	Casted-in Items Installation					
	Metal Canopy		· 			
B03310	Shop Drawing Submission and Approval					
B03315	Fabrication of F/C System					
B03320	Casted-in Items Installation					
	te RCP South					
A03430	Raft Foundation					
A03440	Super Structure (Roof Beams & Slabs)					
A03450	Finishing					
A03460	BS for Office Accomodation (Stage 8)					
A03480	Other BS + E&M Installation					
	e Greenery System					
B03410	Shop Drawing Submission for Approval					
B03415	Fabrication of SS F/G System					
035 - Sewa	ge Pumping Station, Portion G					
A03540	Sheet Piling as ELS for Wet Well					
A03560	ELS + Blinding for Wet Well					
A03570	Constructing of Base Slab of Wet Well					
A03580	Constructing of Wall Stem of Wet Well					
A03590	Water-tightness Test for Wet Wells					
B03510	Backfilling + Removal of ELS					
051 Transf	ormers (Zone 5)					
A05150	Finishing					
A05165	Energisation by CLP					
A05170	BS for Office Accommodations (KD9)					
A05180	BS + E&M for Office Accommodation (KD10)					
A05190	Other BS + E & M Installation		<u> </u>			
	n of Fire Services Installation and Equipment (FCD)					
F05140	Provision of Approved Building Plans by the Engineer			Provision of Appro	ved Buildina P	lans by the Engineer
	s Ordinance (WSD)					
	Submission of WWO46 - Part I & II (Inside Services)					
	nd Traffic Control Kiosk		 			
A10000	Excavation + Blinding					
A10010	Raft Foundation					
A10040	Super Structure (Roof Beams & Slabs)					
A10050	Finishing					
A10070	BS + E&M for AVCSS Works (KD18A)					
HPL Comp	osite Panel Cladding System					
Actual W	Vork	THREE MON	TH ROLLING PROGRAMME		Date	
Remaini	ing Work	VEHICLE CLEARANCE PLAZAS		AND FACILITIES		3MRP updated as of 30
Critical			Page 11 of 16	-		3MRP updated as of 30 3MRP updated as of 30
		1	-			

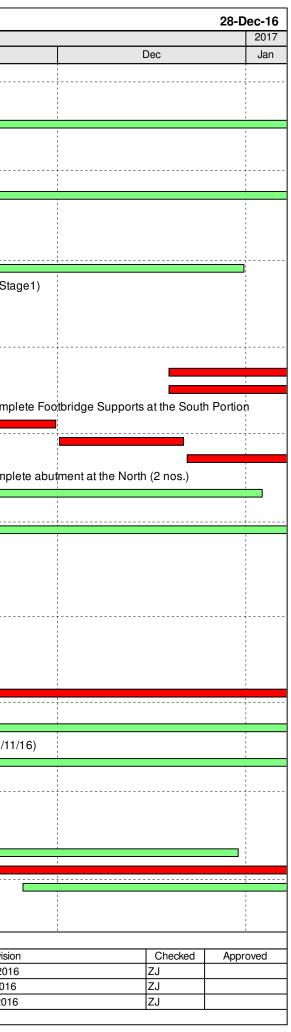


HZMB HK Bour	ndary Crossing Facilities - Vehicle Clearance Plazas and	Ancillary Buildings and Facilities						28-Dec-16
Activity ID	Activity Name			-	2	016		2017
			Sep	Oc	*	Nov	Dec	Jan
	Shop Drawing Submission and Approval							
	Fabrication of F/C System							
	iosk for Taxi Queuing Area							
	Excavation + Blinding							
	Foundation							
	Structure							
	Finishing							
	BS + E & M Installation							
External Wo	orks for Portion G, H1 & H2							
Works with	in Portion H1 & H2 except the ELV Works in the Hong Ko	ong Side PTI						
EU1560	Drainage & Sewerage Works within Portion H1 & H2 in the Hong	g Kong Side PTI (KD20)						,
All Works	within the Boundary defined in Drawing No. 60191048/C3/	/000/C00/1050						
	Drainage & Sewerage Works (incl. CLP) within the Boundary de							
	60191048/C3/000/1050	ő						
Drainage W	Vorks		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·				
	Initial Survey							
	Drainage Works (6954m & 393MHs)							
	Sewerage (437m & 12MHs)							
	y DS40, DS41 & DS75							
	Sign Gantry DS40 Pre-bored H Piling, 12 Nr.							
	Sign Gantry DS41 Driven Piling 4 Nr.			1				
	Testing for Pre-bored H Piling							
	Submission and approval for Sign Gantry							
	Fabrication & Delivery of Sign Gantrys to Site							
	d Covered Walkway							
	Shop drawing, Approved & Fabrication							
				1				
PORTION								
Portion J St								
	of CUE/Staff Subway (Portion J)							
B03040	Bay 30 - 33 Construction - Base Slab			:				
B03050	Bay 30 - 33 Construction - Wall + Top Slab							i i i i i i i i i i i i i i i i i i i
B03210	ELS + blinding (Bay 34 - 41) (8 bay)							
B03220	Bay 34 - 39 Construction - Base Slab							
	Bay 34 - 39 Construction - Wall + Top Slab, Staircase		 	, , , ,				
B03240	Bay 40 - 41 Construction - Base Slab							:
B03250	Bay 40 - 41 Construction - Wall + Top Slab, Staircase							
030 Outbou	Ind Private Car & GV Kiosks							
A03010	Submission & Approval for Steel Works							
A03020	Pre-fabrication for the Steel Kiosks							
030 Outbou	Ind Kiosks, Section IX, Subject to Excision							1
C03010	Submission & Approval for Steel Works							
C03020	Pre-fabrication for the Steel Kiosks			.				
Portion J Bu	uildings							
024 Outbou	Ind Private Car Exam Building							
	Excavation + Blinding		· · · · · · · · · · · · · · · · · · ·					
	Raft Foundation							
	Super Structure							
	ppy Installation							
	Shop Drawing Submission and Approval							
			Li			i		
Actual W	'ork	THREE MON	TH ROLLING PROGRAMME		Date	Revision	Checked	Approved
Remainir		VEHICLE CLEARANCE PLAZAS		AND FACILITIES		MRP updated as of 30 Sep. 2016	ZJ	
Critical	-		Page 12 of 16			MRP updated as of 30 Oct. 2016	ZJ	
 Milestone 	9		-		30-110-16	MRP updated as of 30 Nov. 2016	ZJ	
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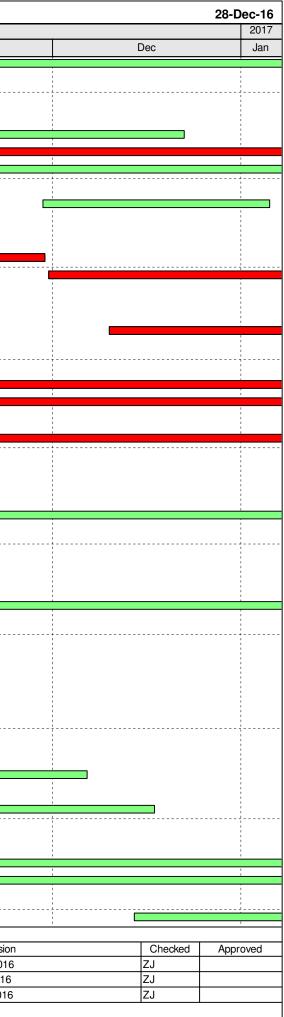
	ndary Crossing Facilities - Vehicle Clearance Plazas and	Ancillary Buildings and Facilities				2010
Activity ID	Activity Name		Son	0		2016
B02415	Fabrication of F/C System		Sep		1	Nov
	Metal Canopy					
B02450	Shop Drawing Submission and Approval			1		
	Fabrication of F/C System			1 1 1		
	und IMMD and DOH Secondary Screen Building					
A03100	Excavation + Blinding (+ PL Test)					
A03100	Raft Foundation					
A03110 A03140	Super Structure					
	•	A 9 045				_
	le Storey Support Building Associated with Buildings 044	4 & 045				
	s Ordinance (WSD)			; 		
	Submission of WWO46 - Part I & II (Inside Services)					
	m Building					
A06120	Excavation + Blinding					
A06130	Raft Foundation		1			i
A06140	Super Structure		· · · · · · · · · · · · · · · · · · ·			
A06150	Finishing (KD9)		1			
A06160	BS for Office Accommodations (KD9)					
Aluminium	Metal Canopy					
B06110	Shop Drawing Submission and Approval					
101 Outbo	und Traffic Control Kiosk					
A10100	Excavation + Blinding		L			
A10110	Raft Foundation					
A10130	Super Structure (Roof Beams & Slabs)					
A10140	Finishing					
A10150	BS + E&M for AVCSS Works (KD18A)					
A10160	BS + E&M for AVCSS Cabling (KD18B)		L	1 1		
A10170	BS for Office Accommodations (KD9)					
A10190	Other BS + E & M Installation			1		
	osite Panel Cladding System					
B10110	Shop Drawing Submission and Approval			1		
B10120	Fabrication of HPL Cladding					
	orks for Portion J					
			, , , ,			
	.ocation 1.7B					
EU1500	ELV Works & T&C in Location 1.7B		1			
	ocation 1.7C		· · · · · · · · · · · · · · · · · · ·			
EU1530	ELV Works & T&C in Location 1.7C					
Drainage V	Vorks					
AS0110	Initial Survey			1 1 1		
ED4220	Drainage Works (1700m & 86MHs), Stage 1 (Northern)					
ED4340	Sewerage (425m & 11MHs), Stage 1 (Northern)		1			
Waterpipe	Laying			1		
EW4230	Fresh Water Main Laying (770m), Stage 1 (Northern)					
EW4240	Flushing Water Main Laying (431m), Stage 1 (Northern)					
Sign Ganti			, , , ,			
ES0140	Sign Gantry DS104 P-bored Piling, 8 Nr.					
ES5140	Submission and approval for Sign Gantry		· · · · · · · · · · · · · · · · · · ·			
ES5140 ES5150	Fabrication & Delivery of Sign Gantrys to Site					
	K, L, M, S & T					
Portion M E	Buildings					
Actual W	Vork	THREE MON	H ROLLING PROGRAMME		Date	Revis
Remaini	ing Work	VEHICLE CLEARANCE PLAZAS		AND FACILITIES		3MRP updated as of 30 Sep. 20
Critical			Page 13 of 16			3MRP updated as of 30 Oct. 201
 Mileston 	e		-		30-Nov-16	3MRP updated as of 30 Nov. 20
	-					



tivity ID	Activity Name				20	016
			Sep	Oc	t	Nov
108 - C&EL	D Mobile X-ray Operation Office, Portion M					
HPL Comp	oosite Panel Cladding System					
C10810	Shop Drawing Submission and Approval					
C10820	Fabrication of HPL Cladding					
104 DOH S	Screening Station, at Portion M					
Facade En	velop Structure Installation					
D10450	Shop Drawing Submission and Approval					
D10455	Fabrication of F/C System					
External Wo	orks					
Additional	Works (Filling & RE Slope), SA1					
ED3110	Design of RE Slope					
ED3120	Approval of RE Slope by GEO/AECOM			·		
ED3210	C1 Contractor to Completed cooling mains at east Portion (Stag	e1)		C1 Contractor to C	Completed coolir	ng mains at east Portion (S
ED3220	Removal of Access & Form another Temp. Access for Cooling Ma					
ED3240	Fill Platform from +11.5PD to +13.5mPD					
ED3250	Add surcharge to Platform at +14.5mPD					
ED3260	Consolidation of fill at the Platform			· <mark>-</mark> - -		
ED3270	Remove surcharge at the edge of Platform (North, Portion S, KD	(32)				
ED3280	Remove surcharge at the Platform (East, Portion T, KD33)					
ED3310	C1 Contractor to Complete Footbridge Supports at the South Po	rtion				 C1 Contractor to Corr
ED3320	Fill Platform from +11.5PD to near PCB (South)					
ED3330	Add surcharge to Platform at +14.5mPD near PCB (South)			····		
ED3330	Consolidation of fill at the Platform (South)					
ED3340	C2 Contractor to complete abutment at the North (2 nos.)	I				 C2 Contractor to corr
ED3410	Fill Slope around C2 abutments					
	nd Covered Walkway					
		1 		·		
	Shop drawing, Approved & Fabrication					
PORTION						
Portion N S						
Box Culve						
Bored Pile						
SB0510	Additional pre-drill					
SB0540	Preliminary piles					
SB0550	Loading Test					
SB0560	Install H-piles					
SB0590	Box B - Bore Pile (14 nos.)					
	rt Structure					
SB0710	Box B - Construction (Stage 1)					
SB0715	Handover from RC (1/11/16)					Handover from RC (1/
SB0722	Box B - Temporary Works for Construction of Outfall Structure					
Portion N E	Buildings					
104 DOH S	Screening Station, at Portion N					
C10405	Excavation + Blinding					
C10410	Structure (Raft Foundation)					
C10420	Finishing					
E10410	BS for Office Accommodations (KD9)					
E10430	Other BS + E & M Installation					· · · · · · · · · · · · · · · · · · ·
Facade En	velop Structure Installation					
D10410	Shop Drawing Submission and Approval					
	· · ·			_ '		
Actual W	Vork	THREE MONTH ROLLIN			Date	Revis
	ing Work	VEHICLE CLEARANCE PLAZAS AND ANCI			30-Sep-16 31	MRP updated as of 30 Sep. 20
Critical						MRP updated as of 30 Oct. 20
 Gritical Mileston 	ie	Page 14 of	10		30-Nov-16 31	MRP updated as of 30



HZ	ZMB HK Bour	ndary Crossing Facilities - Vehicle Clearance Plazas and	Ancillary Buildings and Facilities				
Activ	/ity ID	Activity Name		-	-	20	16
				Sep	Oct	t	Nov
	D10415	Fabrication of F/C System			1 1 1		
		Detention Area Guard Booth					
	A10600	Excavation + Blinding		l l	· · · · · · · · · · · · · · · · · · ·		1 1 1
	A10610	Structure (Raft Foundation)					
	A10640	Finishing			, 1 1 1		1 1
	E10640	BS for Office Accommodations (KD9)			1 1 1 1		
	E10660	Other BS + E & M Installation			 		· · · · · · · · · · · · · · · · · · ·
		velop Structure Installation			1 1 1		1
		Shop Drawing Submission and Approval			, 1 1		• 1 1
		Mobile X-ray Operation Office, Portion N			1 1 1 1		1 1 1
	A10700	Excavation + Blinding					
	A10710	Substructure (Raft Foundation)			, , , ,		,
	A10740	Super Structure			1 1 1		1 1 1
		rks for Portion N			1 1 1		1
		ocation 1.7A			, 1 1 1		•
		ELV Works & T&C in Location 1.7A			1 1 1		
	Drainage V	lorks			 		
	AS0150	Initial Survey		[•
	ED4620	Drainage Works (964m & 56MHs), Stage 1 (Southern)			l		1
	ED4650	Sewerage (383m & 12MHs), Stage 1 (Southern)			I		1
	Duct Laying	g for Utilities/Telecom Cabling, TCSS & Lighting			1 1		· 1 1
	EU5470	Duct & Cable Laying for TCSS & Lighting			, , , 		
	PORTION 	2			1 1 1 1		1
	Portion Stru	icture			1 1 1		1
	Retaining V	Vall RW1			, 1 1		• 1 1
		Construction of Retaining Wall RW1 (U-shape, 5 bays)		l l l l l l l l l l l l l l l l l l l			
	Portion P B				1 1 1		1
		Guard Booth, Portion P					
		Prelop Structure Installation			1 1 1		1 1 1
		Shop Drawing Submission and Approval		ſ	1 1		
		Fabrication of F/C System			1 1 1		
		rks for Portion P			1 1 1		1 1 1
	Drainage W				 		
	AS0160	Initial Survey					
		g for Utilities/Telecom Cabling, TCSS & Lighting			1 1 1		1 1
		Duct & Cable Laying for TCSS & Lighting (KD15)			1 1 1		
					1 1 1		
	PORTION (, , ,
		rks for Portion Q			 		- - - - - -
		g for Utilities/Telecom Cabling, TCSS & Lighting			1 1 1 1		1 1 1 1
	ED5570	Duct & Cable Laying for Utilities/Telecom					-
	ED5580	Duct & Cable Laying for TCSS & Lighting					1
	EU1490	ELV System Installation for Contract HY/2013/04			 		<u> </u>
	Roadworks				1 1 1		1 1 1
	AS0170	Initial Survey					1 1 1
	ER4920	Subbase (104 ton)					I I
	ER4950	Bitumen Pavement (215 ton)			1 1 1		
	Railing				L		
	ER4890	Railing			 		
	Actual W		THREE MONT	TH ROLLING PROGRAMME		Date 30-Sep-16 3M	Revis IRP updated as of 30 Sep. 20
	Remainir	ng Work	VEHICLE CLEARANCE PLAZAS		ND FACILITIES		IRP updated as of 30 Sep. 20
	Critical			Page 15 of 16			IRP updated as of 30 Nov. 20
•	Milestone						· ·



	undary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities				2	28-Dec-16
Activity ID	Activity Name		20	6		2017
		Sep	Oct	Nov	Dec	Jan
Road Fur	niture					
ER4900	Road Furniture					
Landscap	e Works					
A5170	Design and Procurement for Irrigation System					

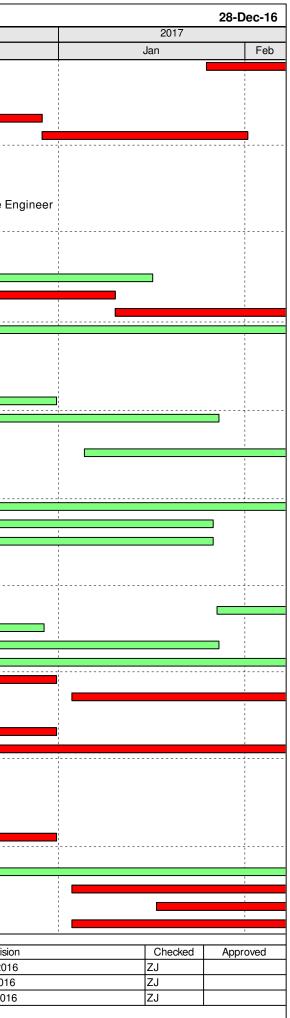
Actual Work Remaining Work Critical	THREE MONTH ROLLING PROGRAMME VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES Page 16 of 16	31-Oct-16	Revision 3MRP updated as of 30 Sep. 2016 3MRP updated as of 30 Oct. 2016 3MRP updated as of 30 Nov. 2016	Checked ZJ ZJ ZJ	Approved
♦ Milestone				1 1	

	undary Crossing Facilities - Vehicle Clearance Plazas and	Ancillary Buildings and Facilities						28-Dec-1
/ity ID	Activity Name		Oct	2016		Dec	2017 Jan	Fet
	/CP & Ancillary Buildings and Facilities, DWP Re	v 2 DD 21 Oct 16	Oci	Nov		Dec	Jan	ге
		v. 5, DD 51 Oct. 16						
	CT DATES			1 1 1				
Key Dates								
A1150	KD15 Achievement of Stage 14 of the Works (548 days; 08 Oct.					♦ KD15 Achievement	of Stage 14 of the Works (54	
A1320	KD32 Achievement of Section IV(b) of the Works (646 days; 15			 			♦ KD32 Achie	
A1330	KD33 Achievement of Section IV(c) of the Works (646 days; 15	lan. 17)					KD33 Achie	evement of
	s & Possession			1 1 1				
	on of Portion of Site				/			
A0030	Possession of Portion B (<=100 days)		•	Possession of Por	tion B (<=100	1		100
A0040	Possession of Portion C (<=100 days)	ŀ		\mathbf{D} (000 days)			Possession of Portion C (<=100 days
A0050	Possession of Portion D (<=220 days)		 Possession of Portior 	D (<=220 days)			 Decension of Dection E (
A0070	Possession of Portion F (<=220 days)		Possession of Por	$\frac{1}{1000}$ C $(-2005$ down)			 Possession of Portion F (<=220 days
A0080	Possession of Portion G (<=225 days)			Possession of Por		4242		
A0110	Possession of Portion J (<=320 days)			Possession of Por				
A0150 A0160	Possession of Portion N (<=345 days) Possession of Portion P (<=502 days)			Possession of Por				
A0100	Possession of Portion Q (<=500 days)			Possession of Por	-			
A0170	Possession of Portion R (<=610 days)						Possession of Portion R (<=610 davs
	b Locations of the Site							
A0210	Contract Date for Access to Location 1.1 (490 days)			Contract Date for A	Access to Loca	ion 1 1 (490 days)		
A0210	Contract Date for Access to Location 1.2 (405 days)	k		Contract Date for A			 	
A0220	Contract Date for Access to Location 1.2 (403 days)			Contract Date for A				
A0240	Contract Date for Access to Location 1.4 (488 days)			Contract Date for A				
A0250	Contract Date for Access to Location 1.5 (580 days)			1		s to Location 1.5 (580 days)		
A0280	Contract Date for Access to Location 1.7A (610 days)						to Location 1.7A (610 days)	
A0290	Contract Date for Access to Location 1.7B (610 days)						to Location 1.7B (610 days)	
A0300	Contract Date for Access to Location 1.7C (610 days)						to Location 1.7C (610 days)	
A0310	Contract Date for Access to Location 1.8 PCB (Basement level u	p to ground floor slab) (395 days)	•	Contract Date for A	Access to Loca	ion 1.8 PCB (Basement level up to g		
A0320	Contract Date for Access to Location 1.8 PCB (Ground Floor level	al or above) (515 days)		Contract Date for A	Access to Loca	ion 1.8 PCB (Ground Floor level or a	hove) (515 days)	
A0320	Contract Date for Access to External Area for Contract HY/2013/	, , , , , , , , , , , , , , , , , , , ,				hal Area for Contract HY/2013/01 for		days)
	days)			1 1 1				
A0340	Contract Date for Access to External Area for Contract HY/2013/ days)	02 for ELV System Installation (560		Contract Date for A	Access to Exter	nal Area for Contract HY/2013/02 for	ELV System Installation (560	days)
A0350	Contract Date for Access to External Area for Contract HY/2013/	04 ELV System Installation (560 days)	·	Contract Date for A	Access to Exter	nal Area for Contract HY/2013/04 EL	V System Installation (560 day	ys)
Section/Sta	tage Subject to Excision							
A0770	Contract Date for Section VI (650 days, latest date when the Eng							ct Date for
A0780	Contract Date for Section VII (650 days, latest date when the En	gineer may order)		1 1 			♦ Contrac	ct Date for
PRELIMIN								
Precast Ya	rd for Bridge Segement							
A0630	Segment Manufacture			1		1	- 	1
PORTION	IA1							1
Portion A1	Structures							1
Bridge A9	9							
Bored Pile	e							
SA9120	Bored pile for A9 Bridge, 10 no.							1
SA9140	Pile testing			1				
Pile Cap				1				
Actual \	Work		ROLLING PROGRAMME		Date	Revision	Checked	Approved
	ning Work	VEHICLE CLEARANCE PLAZAS ANI		ND FACILITIES		MRP updated as of 30 Sep. 2016	ZJ	
Critical	с С		age 1 of 17			MRP updated as of 30 Oct. 2016	ZJ	
		1.			30-Nov-16 3	MRP updated as of 30 Nov. 2016	ZJ	

y ID	Indary Crossing Facilities - Vehicle Clearance Plazas and Activity Name			201	6		
•			Oct	Nc	V		Dec
SA9210	Сар - А905						
SA9220	Cap - P904						
SA9230	Cap - P903					i	
SA9240	Cap - P902						
SA9250	Cap - A901						
Pier & Abu						·¦	
SA9310	Abutment A905						
SA9320	Pier P904						
SA9330	Pier P903						
SA9340	Pier P902						
SA9350	Abutment A901						
Structure I	Deck						
SA9400	Falsework for Deck A905 - P904						
	Falsework for Deck P903 - P902						
Retaining							
	Construction of Retaing Wall W8-1 (U-shape, 4 bays)						
Retaining							
		**)					
	Construction of Retaining Wall W9-1 (U-shape, 4 bays) (+PL Te						
Box Culve							
	rt D Construction		<u></u>				
SD0140	Box Culvert D Construction (Stage 1, Bay 33 - 35)						
SD0150	Box Culvert D Construction (Stage 2, Bay 36 - 38)	i					
SD0160	Box Culvert D Construction (Stage 3, Bay 39 - 42)						
SD0170	Box Culvert D Construction (Stage 4, Bay 19 - 21 & 24 - 32)	i					
SD0180	Box Culvert D Backfilling					· · · · · · · · · · · · · · · · · · ·	
047 - Fresł	h Water Pumping Station, Portion A1 & A2						
A04720	Excavation + Blinding						
A04730	Pile Testing						
A04740	Water Tank Construction					-	
049 - Sewa	age Treatment Plant, Portion A1 & A2						
A04946	Excavation to 0.0mPD/+4.9mPD	· · · · · · · · · · · · · · · · · · ·					
A04948	Pile Testing						
A04950	Sheet Piling as ELS1 for Equalization Tanks	i					
A04960	Sheet Piling as ELS2 for Sludge Holding Tanks						
B04960	ELS1 + Blinding for Equalization Tanks						
B04970	Constructing Base Slab for Equalization lanks					1	
B04970 B04980	Constructing Base Slab for Equalization Tanks Backfiling + Removing 3rd Strut of ELS1						
	Backfiling + Removing 3rd Strut of ELS1						
B04980							
B04980 B04990 C04910	Backfiling + Removing 3rd Strut of ELS1Constructing Wall Stem for Equalization TanksWater-tightness Test for Equalization Tanks						
B04980 B04990 C04910 C04920	Backfiling + Removing 3rd Strut of ELS1Constructing Wall Stem for Equalization TanksWater-tightness Test for Equalization TanksBackfiling + Removal of ELS1						
B04980 B04990 C04910 C04920 C04930	Backfiling + Removing 3rd Strut of ELS1Constructing Wall Stem for Equalization TanksWater-tightness Test for Equalization TanksBackfiling + Removal of ELS1ELS2 + Blinding for Equalization Tanks						
B04980B04990C04910C04920C04930C04940	Backfiling + Removing 3rd Strut of ELS1Constructing Wall Stem for Equalization TanksWater-tightness Test for Equalization TanksBackfiling + Removal of ELS1ELS2 + Blinding for Equalization TanksConstructing Base Slab of Equalization Tanks						
B04980B04990C04910C04920C04930C04940C04950	Backfiling + Removing 3rd Strut of ELS1Constructing Wall Stem for Equalization TanksWater-tightness Test for Equalization TanksBackfiling + Removal of ELS1ELS2 + Blinding for Equalization TanksConstructing Base Slab of Equalization TanksBackfiling + Removal Strut of ELS2						
B04980B04990C04910C04920C04930C04940C04950C04960	Backfiling + Removing 3rd Strut of ELS1Constructing Wall Stem for Equalization TanksWater-tightness Test for Equalization TanksBackfiling + Removal of ELS1ELS2 + Blinding for Equalization TanksConstructing Base Slab of Equalization TanksBackfiling + Removal Strut of ELS2Constructing Wall Stem of Sludge Holding Tanks						
B04980B04990C04910C04920C04930C04940C04950C04960C04970	Backfiling + Removing 3rd Strut of ELS1Constructing Wall Stem for Equalization TanksWater-tightness Test for Equalization TanksBackfiling + Removal of ELS1ELS2 + Blinding for Equalization TanksConstructing Base Slab of Equalization TanksBackfiling + Removal Strut of ELS2Constructing Wall Stem of Sludge Holding TanksWater-tightness Test for Sludge Holding Tanks						
B04980 B04990 C04910 C04920 C04930 C04930 C04940 C04950 C04960 C04970 C04990	Backfiling + Removing 3rd Strut of ELS1Constructing Wall Stem for Equalization TanksWater-tightness Test for Equalization TanksBackfiling + Removal of ELS1ELS2 + Blinding for Equalization TanksConstructing Base Slab of Equalization TanksBackfiling + Removal Strut of ELS2Constructing Wall Stem of Sludge Holding TanksWater-tightness Test for Sludge Holding TanksBackfiling + Removal of ELS2						
B04980B04990C04910C04920C04930C04940C04950C04960C04970C04990D04910	Backfiling + Removing 3rd Strut of ELS1Constructing Wall Stem for Equalization TanksWater-tightness Test for Equalization TanksBackfiling + Removal of ELS1ELS2 + Blinding for Equalization TanksConstructing Base Slab of Equalization TanksBackfiling + Removal Strut of ELS2Constructing Wall Stem of Sludge Holding TanksWater-tightness Test for Sludge Holding TanksBackfiling + Removal of ELS2ELS3 w/struts + Blinding for MBR Tanks						
B04980 B04990 C04910 C04920 C04930 C04940 C04950 C04960 C04970 C04990 D04910 D04920	Backfiling + Removing 3rd Strut of ELS1Constructing Wall Stem for Equalization TanksWater-tightness Test for Equalization TanksBackfiling + Removal of ELS1ELS2 + Blinding for Equalization TanksConstructing Base Slab of Equalization TanksBackfiling + Removal Strut of ELS2Constructing Wall Stem of Sludge Holding TanksWater-tightness Test for Sludge Holding TanksBackfiling + Removal of ELS2ELS3 w/struts + Blinding for MBR TanksConstructing Base Slab for MBR Tanks						
B04980 B04990 C04910 C04920 C04930 C04930 C04940 C04950 C04960 C04970 C04990 D04910 D04920 D04930	Backfiling + Removing 3rd Strut of ELS1Constructing Wall Stem for Equalization TanksWater-tightness Test for Equalization TanksBackfiling + Removal of ELS1ELS2 + Blinding for Equalization TanksConstructing Base Slab of Equalization TanksBackfiling + Removal Strut of ELS2Constructing Wall Stem of Sludge Holding TanksWater-tightness Test for Sludge Holding TanksBackfiling + Removal of ELS2ELS3 w/struts + Blinding for MBR TanksConstructing Base Slab for MBR TanksConstructing Wall Stem for MBR Tanks						
B04980B04990C04910C04920C04930C04940C04950C04960C04970C04990D04910D04920	Backfiling + Removing 3rd Strut of ELS1Constructing Wall Stem for Equalization TanksWater-tightness Test for Equalization TanksBackfiling + Removal of ELS1ELS2 + Blinding for Equalization TanksConstructing Base Slab of Equalization TanksBackfiling + Removal Strut of ELS2Constructing Wall Stem of Sludge Holding TanksWater-tightness Test for Sludge Holding TanksBackfiling + Removal of ELS2ELS3 w/struts + Blinding for MBR TanksConstructing Base Slab for MBR Tanks						
B04980 B04990 C04910 C04920 C04930 C04940 C04950 C04950 C04960 C04970 C04990 D04910 D04920 D04930 D04940	Backfiling + Removing 3rd Strut of ELS1Constructing Wall Stem for Equalization TanksWater-tightness Test for Equalization TanksBackfiling + Removal of ELS1ELS2 + Blinding for Equalization TanksConstructing Base Slab of Equalization TanksBackfiling + Removal Strut of ELS2Constructing Wall Stem of Sludge Holding TanksWater-tightness Test for Sludge Holding TanksBackfiling + Removal of ELS2ELS3 w/struts + Blinding for MBR TanksConstructing Base Slab for MBR TanksWater-tightness Test for Sludge Tanks		G PROGRAMMF		Date		Re
B04980 B04990 C04910 C04920 C04930 C04940 C04950 C04960 C04970 C04990 D04910 D04920 D04930 D04940	Backfiling + Removing 3rd Strut of ELS1Constructing Wall Stem for Equalization TanksWater-tightness Test for Equalization TanksBackfiling + Removal of ELS1ELS2 + Blinding for Equalization TanksConstructing Base Slab of Equalization TanksBackfiling + Removal Strut of ELS2Constructing Wall Stem of Sludge Holding TanksWater-tightness Test for Sludge Holding TanksBackfiling + Removal of ELS2ELS3 w/struts + Blinding for MBR TanksConstructing Base Slab for MBR TanksConstructing Wall Stem for MBR TanksVork				30-Sep-16	3MRP updated as of	30 Sep.
B04980 B04990 C04910 C04920 C04930 C04940 C04950 C04960 C04970 C04990 D04910 D04920 D04930 D04940	Backfiling + Removing 3rd Strut of ELS1Constructing Wall Stem for Equalization TanksWater-tightness Test for Equalization TanksBackfiling + Removal of ELS1ELS2 + Blinding for Equalization TanksConstructing Base Slab of Equalization TanksBackfiling + Removal Strut of ELS2Constructing Wall Stem of Sludge Holding TanksWater-tightness Test for Sludge Holding TanksBackfiling + Removal of ELS2ELS3 w/struts + Blinding for MBR TanksConstructing Base Slab for MBR TanksWater-tightness Test for Sludge Tanks	THREE MONTH ROLLIN VEHICLE CLEARANCE PLAZAS AND ANCIL Page 2 of 1	LARY BUILDINGS	AND FACILITIES	30-Sep-16 31-Oct-16	3MRP updated as of 3MRP updated as of 3MRP updated as of	30 Sep. 30 Oct.



ty ID	Activity Name		2010	6	
		Oct	No	v	Dec
D04950	Backfiling + Removal of ELS3				
D04955	Excavation + Blinding for Ground Slab, Transformer Room				
D04960	Constructing Ground Slab for Transformer Room				!
D04970	Transformer Room Construction				
D04980	BS + E&M for Transformer Room to CLP (KD7)			1 1 1	
Completio	n of Fire Services Installation and Equipment (FCD)				
F04950	Provision of Approved Building Plans by the Engineer		Provision of Appr	oved Building Pl	ans by the Engineer
Waterwork	ks Ordinance (WSD)				i
G04910	Provision of Approval Letter and approved Drawings by the Eng	eer	Provision of Appr	oval Letter and a	pproved Drawings by
G04920	Submission of WWO46 - Part I & II (Inside Services)				i
Portion A1	Buildings				
012 - DOH	Disinsection Area and Store Room 1, at Portion A1				1
A01250	Finishing				
A01260	BS for Office Accomodation (Stage 8)	I			
A01270	BS + E&M for Office Accomodation (Stage 9)				
A01280	Other BS + E&M Installation				
036 - Weig					
A03665	External Wall Plaster & Tile				
A03670	BS for Office Accomodation (Stage 8)				
A03680	BS + E&M for Office Accomodation (Stage 9)				
A03690	Other BS + E&M Instaalation		· · · · · · · · · · · · · · · · · · ·		
	WWO 46 Part I & II Submission		1		Part I & II Submissior
B03620				♥ ₩₩0 40	
B03640	Plumbing Inspection by WSD				
	Tower Cum Inbound Cargo Examination Building (Portio				1
A03738	DDA Submission/Approval for Curtain Wall/Metal Roof/Alum. Cl	dding			
A03740	Steel Frame Structure Installation				
A03742A	Mock-up Sample for Curtain Wall			,	
A03742B	Mock-up Sample for Cladding				
A03742C	Mock-up Sample for Mesh Screen Wall (SS41) & Balustrade				
A03742D	Mock-up Sample for Painted Concrete Wall				
A03742F	Mock-up Sample for External Wall Tiling				1
A03744	Curtain Wall/Metal Roof/Aluminium Cladding Installation	I			ı
A03746	Blockwall Laying				
A03748	Wall/Ceiling Plastering/Tiling	i I			1
A03752	Floor Screed/Tiling				
A03760	BS for Office Accomodation (Stage 8)				
A03770	BS + E&M for Office Accomodation (Stage 9)				
A03780	BS + E&M for AVCSS Works (KD18A)			1	1
A03785	BS + E&M for AVCSS Cabling (KD18B)				
A03790	Other BS + E&M Installation				
B03720	WWO 46 Part I & II Submission			♦ WWO 46	Part I & II Submissior
041 Fire Si	tation Cum Ambulance Depot				
A04110	Substructure				1
A04120	Super Structure, G/F to 1/F				
A04122	Super Structure, 1/F to 2/F (incl. parapet wall and planter wall)				
A04124	DDA Submission/Approval for Cladding & Curtain Wall]
A04126	Cladding & Curtain Wall Installation (incl. steel & metal works)				
A04132	Blockworks				
	Ceiling & Wall Plastering/Wall Tiling				
A04133	BS for Office Accomodation (Stage 8)				i
A04133 A04140		1	!'	'	
	Vork	THREE MONTH ROLLING PROGRAMME	•	Date	IDD undeterd as a f 00.0
A04140 Actual V	Vork ing Work	THREE MONTH ROLLING PROGRAMME VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDING		30-Sep-16 3N	
A04140 Actual V				30-Sep-16 3N 31-Oct-16 3N	IRP updated as of 30 Se IRP updated as of 30 Oc IRP updated as of 30 No



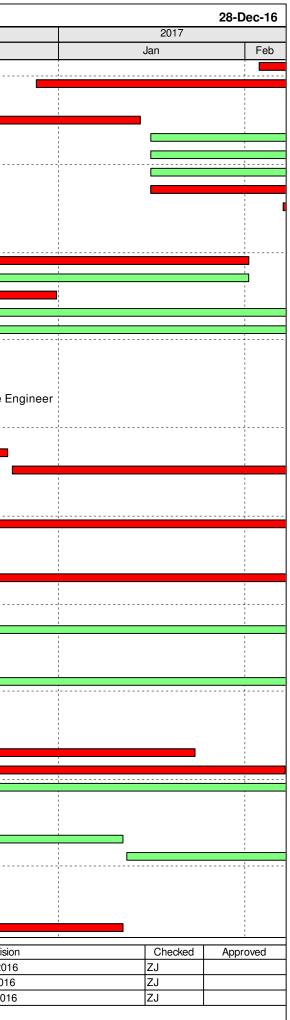
y ID	undary Crossing Facilities - Vehicle Clearance Plazas and Activity Name			2016	l I	
y ID		T	Oct	Nov	i	Dec
A04160	Other BS + E&M Installation					
B04120	WWO 46 Part I & II Submission				♦ WWO 46 Pa	art I & II Submissio
042 Drill T						
A04250	Super Structure					
A04260	Finishing				1	
A04270	BS for Office Accomodation (Stage 8)					
A04280	BS + E&M for Office Accomodation (Stage 9)				1	
A04290	Other BS + E&M Installation				1	
	Office + Store Room					
A04330	Super Structure					
A04330	Water Tanks for F.S./Sprinkler Pump Room					
	DDA Submission for Cladding & Curtain Wall	l				
A04360	Cladding & Curtain Wall Installation (incl. steel & metal works)					
A04370 A04380	BS for Office Accomodation (Stage 8)					
B04310	Other BS + E&M Installation				1	
				· · · · · · · · · · · · · · · · · · ·	·	
B04330	Stainless Steel Mesh Installation					
B04340	Metal Windows/Louvres/Doors/Railing etc. installation					
B04350	Blockworks					
B04360	Wall Plastering/Tiling					
C04310	C/S Wall Plastering					
C04340	WWO 46 Part I & II Submission				♦ W WU 46 Pa	art I & II Submissi
-	osforms (Zone 4)					
A05235	Energisation by CLP					
A05240	BS + E&M Installation (KD9)	p				
A05250	Ceiling/Wall Painting Finish & Floor Screed			· · · · · · · · · · · · · · · · · · ·		
A05260	External Wall Plaster & Wall (KD10)					
A05270	Main Switch/L.V. Switch Board Installation					
A05280	Genset Installation					
	on of Fire Services Installation and Equipment (FCD)					
F05240	Provision of Approved Building Plans by the Engineer			Provision of Approx	oved Building Plan	s by the Enginee
	ks Ordinance (WSD)					
	Provision of Approval Letter and approved Drawings by the Eng	gineer		Provision of Approx	oval Letter and app	roved Drawings
105 IMMD	Guard Booth, Portion A1 (Mock Up)					
B10500	Shop Drawings & Material Submission			1		
B10510	Excavation + Blinding					
Facade Er	nvelop Structure Installation					
B10580	Shop Drawing Submission and Approval			· 		3
B10590	Fabrication of F/C System					
External W	/orks for Portion A1					
Drainage	Works					
ED0020	Drainage Works (773m & 34MHs), Stage 1 (Western)					
ED0030	Sewerage (300m & 9MHs), Stage 1 (Western)					
ED5590	Drainage Works (774m & 35MHs), Stage 2 (Middle)					
ED5600	Sewerage (300m & 9MHs), Stage 2 (Middle)				1	
Waterpipe						
EW5010	Fresh Water Main Laying (700 m), Stage 1 (Western)				·	
EW6010	Flushing Water Main Laying (322 m), Stage 1 (Western)					
EW6020	Fresh Water Main Laying (700 m), Satge 1 (Western)				1	
EW6030	Flushing Water Main Laying (322 m), Stage 2 (Middle)					
	ng for Utilities/Telecom Cabling, TCSS & Lighting					
Buci Layli	ng for ounlies relectin cabling, ress & Lighting				1	
Actual V	Work	THREE MONTH RO	LLING PROGRAMME		Date	
Remain	ning Work	VEHICLE CLEARANCE PLAZAS AND		S AND FACILITIES		P updated as of 30
Critical	-		e 4 of 17			P updated as of 30 P updated as of 30
	ne	1			30-Nov-16 3MR	updated as of 30 '



ty ID	undary Crossing Facilities - Vehicle Clearance Plazas and Activity Name	,		2016	3	
ly ID		T T	Oct	No		Dec
EU5260	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV					
PORTION						
	Structures					
	aimed Water Pumping Station, Portion A2			1		
A04830	Sheet Piling as ELS for Basement 1			1		
A04830	Pile testing	L -		· · · · · · · · · · · · · · · · · · ·		
A04850	Excavation + Blinding for Basement 1					
A04860	Basement 1 Construction					
	Wall W9-2					
	Construction of Retaining Wall W9-2 (U-shape, 6 bay)			1		1
	Vorks for Portion A2					
Drainage						
A2S010	Initial Survey					
PORTION	-					
Portion B S				; 		
	Wall W7-2			1 1 1		
S70870	Construction of Retaining Wall W7-2 (L-shape, 1 bays)					
S70890	RW7-2 Backfilling			1 1 1		
	Wall W6-1			1 1 1		
S62050	Construction of Retaining Wall W6-1 (L-shape, 4bays)			- 		
S62060	RW6-1 Backfilling					
_Bay 4 - 19	of CUE/Staff Subway					
C02760	Internal Finishes & Cable Containment (KD1)	1				
C02770	BS + E&M Installation for AVCSS (Stage 1)	· · _ · _ · · · · · · · · ·				
C02780	Chilled Water Pipe (CUE) installation			1 1 1		
Bay 20 - 2	4 of CUE/Staff Subway			1		
C02820	Bay 20 - 24 Construction - Base Slab			1		1
C02830	Bay 20 - 24 Construction - Wall + Top Slab					
C02840	Internal Finishes & Cable Containment (KD1)					
C02850	BS + E&M Installation for AVCSS (Stage 1)			 		
C02860	Chilled Water Pipe (CUE) installation					
Bay 25 - 2	9 of CUE/Staff Subway					
C02920	Bay 25 - 29 Construction - Base Slab			1		
C02930	Bay 25 - 29 Construction - Wall + Top Slab					
C02960	Internal Finishes & Cable Containment (KD1)					
C02970	BS + E&M Installation for AVCSS (KD1)			 		
C02980	Chilled Water Pipe (CUE) installation			1		
Portion B B	Buildings					
027/028 In	bound Kiosks & 029 Outbound Kiosks			1 1 1		
A02700	Submission & Approval for Steel Works					
A02710	Pre-fabrication for the Steel Kiosks					
A02715	Mock up for Steel Kiosks			1		
A02718	Mock up for Goods Vehicle Canopy					
A02720	Super structure					
A02730	Construction of Subway Entrance	1 		1 1 1		
A02740	Construction of Subway Toilets			1		
A02780	BS + E&M for AVCSS Works (KD18A)					
027/028 In	bound Kiosks & 029 Outbound Kiosks, Section IX, Subje	ct to Excision				
B02740	Pre-fabrication for the Steel Kiosks					
Actual V	Work		I ROLLING PROGRAMME		Date	R
	ning Work					3MRP updated as of 30 Sep.
Critical			ND ANCILLARY BUILDINGS A Page 5 of 17	ND FACILITIES		3MRP updated as of 30 Oct.
United	ne				30-Nov-16	3MRP updated as of 30 Nov.



tivity ID	Indary Crossing Facilities - Vehicle Clearance Plazas and Activity Name			2016	j	
		li l	Oct	Nov		Dec
B02750	Super structure					
B02760	BS + E&M for AVCSS Works (KD18C)					
026 Inbou	nd IMMD and DOH Secondary Screening Building					
A02630	Super Structure					
A02640	Finishing					
A02650	Contractor's Design Submission for SS Mesh Screen & Approva	1				
A02660	Contractor's Design Submission for Aluminium Cladding & Appr					
A02670	BS for Office Accomodation (Stage 8)					
A02690	Other BS + E&M Installation					
	nd Fixed X-ray Building					
A05455	Superstructure, 1/F to 2/F (incl. parapet wall and planter wall)					
A05460	Finishing					1
A05467	Energisation by CLP			¦		
A05470	BS for Office Accomodation (Stage 8)					
A05490	Other BS + E&M Installation					
B05410						
	n of Fire Services Installation and Equipment (FCD)					
F05440	Provision of Approved Building Plans by the Engineer			Provision of Appr	wed Building	Plans by the Engineer
	rowsion or Approved Building Flans by the Engineer				ved building	
G05410		incor		Provision of Appr	wall offer an	d approved Drawings by the E
	Provision of Approval Letter and approved Drawings by the Eng	ineer				
038 AFCD						
A03820	Substructure			.		1 1 1
A03830	Super Structure; G/F to 1/F					
A03840	Super Structure; 1/F to 2/F (incl. parapet and planter wall)					
	Main Building					
A03920	Substructure					
A03930	Super Structure; G/F to 1/F					1
040 Incide	ent Control Tower					
A04020	Substructure					
A04040	Super Structure					
Facade Cla	adding System					
B04010	Shop Drawing Submission and Approval			[
B04020	Fabrication of F/C System					
Glass Wall						
C04010	Shop Drawing Submission and Approval					
C04020	Fabrication of Glass Wall					
102 HKPF	UVSS Monitor Room					
A10210	Substructure (Raft Foundation)					
A10220	Super Structure					
A10230	Finishing (False Ceiling) (KD9)					
A10240	BS for Office Accomodation (Stage 8)			i		l de la constante de
A10270	Other BS + E&M Installation	į				
Metal Can	opy and Roof Installation					
B10210	Shop Drawing Submission and Approval					
B10212	Fabrication of MC/R			1		
B10220	Casted-in Items Installation					
	Inspection Post					
A10310	Excavation + Blinding					
A10310	Raft Foundation					
A10330 A10340	Super Structure (Roof Slabs)					
710340						
Actual V	Vork	THREE MONTH RC	LLING PROGRAMME		Date	Revisio
Remain	ing Work	VEHICLE CLEARANCE PLAZAS AND		AND FACILITIES		3MRP updated as of 30 Sep. 2016
Critical			e 6 of 17			3MRP updated as of 30 Oct. 2016 3MRP updated as of 30 Nov. 2016
					30-Nov-16	I SIVIER LIDGATED AS AT 30 NAV 2016



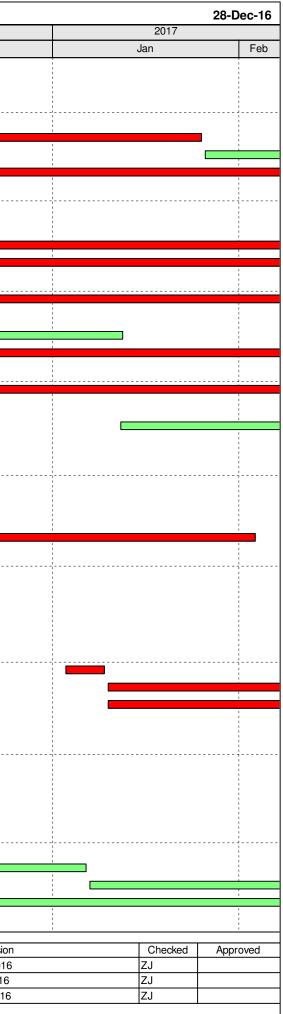
/ ID	undary Crossing Facilities - Vehicle Clearance Plazas and Activity Name	,		2016	
		h-	Oct	Nov	Dec
A10350	Finishing (False Ceiling) (KD9)				
A10360	BS for Office Accomodation (Stage 8)			. 	
HPL Com	posite Panel Cladding System				
B10310	Shop Drawing Submission and Approval				
057 Trans	sformers (Zone 2)				
A05730	Supersturcture				i
A05740	Finishing				
A05750	BS + E&M for Tx Room to CLP (Stage 4)				
A05760	BS for Office Accomodation (Stage 8)				
A05780	Other BS + E&M Installation				
Completio	on of Fire Services Installation and Equipment (FCD)				
F05740	Provision of Approved Building Plans by the Engineer			Provision of Approved Build	ling Plans by the Engineer
Waterwor	rks Ordinance (WSD)				
G05710		gineer		Provision of Approval Letter	r and approved Drawings by th
107 - C&E	D Mobile X-ray Operation Office (Cargo), Portion B				
C10710	Excavation + Blinding				
C10720	Raft Foundation				
C10730	Superstructure (Roof Slabs)				
	d Kiosk for Access Control, Portion B				
B11310	Excavation + Blinding				
B11310	Raft Foundation				
B11320	Superstructure (Roof Beams & Slabs)	<u>+</u>			
B11340	Finishing				
B11340	BS for Office Accomodation (Stage 8)				
	Vorks for Portion B				
	Location 1.7A				
BB1480	ELV Works & T&C in Location 1.7A				
	Location 1.7B				
	ELV Works & T&C in Location 1.7B				
BB1490					
Drainage					
ED1540	Drainage Works (1130m & 60 MHs), Stage 1 (S/W)				
ED3580	Sewerage (275m & 8MHs), Stage 1 (S/W)				
ED5650	Drainage Works (1130m & 60MHs), Stage 2 (S/E)	b		• • •	
ED5660	Sewerage (300m & 8MHs), Stage 2 (S/E)				
ED5670	Drainage Works (1130m & 60MHs), Stage 3 (N/W)				
ED5680	Sewerage (300m & 8MHs), Stage 3 (N/W)			 	
Waterpipe					
EW1550	Fresh Water Main Laying (472m), Stage 1 (S/W)				
EW1560	Flushing Water Main Laying (460m), Stage 1 (S/W)				
EW6080	Fresh Water Main Laying (500m), Stage 2 (S/E)				
EW6090	Flushing Water Main Laying (460m), Stage 2 (S/E)				· · · · · · · · · · · · · · · · · · ·
Duct Layi	ing for Utilities/Telecom Cabling, TCSS & Lighting				
EU5300	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV				
Roadwork	ks				
ER1640	Subbase (10000 ton), Stage 1 (N/W)				
ER3590	Bitumen Pavement (14000 ton), Stage 1 (N/W)				
ER3600	Rigid Pavement (594 m3), Footpath & EVA, Stage 1 (N/W)				
	try ADS 306A & ADS 306B				
ES5240	Fabrication & Delivery of Sign Gantrys to Site				
		1			
Actual	Work		ROLLING PROGRAMME	Date	R
	ning Work	VEHICLE CLEARANCE PLAZAS AN		30-Sep-1	6 3MRP updated as of 30 Sep
			ID ANGILLART BUILDINGS A	ND FACILITIES 31-Oct-16	3 3MRP updated as of 30 Oct.
Critical			Page 7 of 17	30-Nov-1	



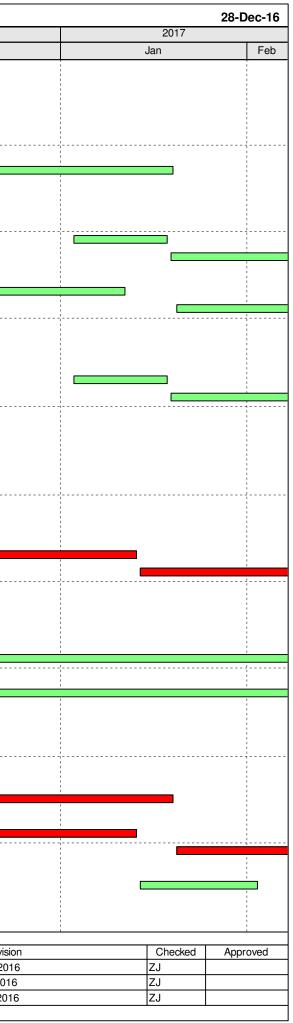
y ID	Activity Name			2016		
			Oct	Νον	,	Dec
PORTION						
Portion C E						
	und Coach Kiosk & Staff Subway Entrance					
	Substructure and Staircase Construction					
_009 - Staff	Subway Entrance (Bay 0 - 3) & Shuttle Bus Kiosks					
A00930	Constructing Wall + Top Slab of Bay 0 -3	i				
A00940	Finishing					
A00950	BS + E&M for AVCSS works (KD 1)					
A00960	Chilled Water Pipe Installation (CUE)					
B00910	Substructure and Staircase Construction (Portion B&C)					1
B00920	Kiosk Superstructure					
_012 - DOH	Disinsection Area and Store Room 1, at Portion C					
B01210	Excavation & Blinding					
B01220	Raft Foundation					
_104 - DOH	Secondary Screening Station, at Portion C					
A10420	Excavation & Blinding					
A10430	Substructure					
Facade Cla	adding System					
A10460	Shop Drawing Submission and Approval		Ē			
	Fabrication of F/C System					
_108 C&ED	Mobile X-ray Machine Operation Office, Portion C					
A10805	Excavation & Blinding					
A10810	Raft Foundation					
	posite Panel Cladding System					
	Shop Drawing Submission and Approval					
110 IMMD	Guard Booth (Type 2) East					
A11020	Excavation & Blinding					
A11030	Substructure					
Facade En	velop Structure Installation					
A11040	Shop Drawing Submission and Approval					
110 IMMD	Guard Booth (Type 2) West					
C11010	Excavation & Blinding					
111 Field k	Kiosk for Carpark Operator					
A11120	Excavation & Blinding					
A11130	Raft Foundation					
HPL Comp	posite Panel Cladding System					
B11110	Shop Drawing Submission and Approval					
113 - Field	Kiosk for Access Control, Portion C					
C11310	Excavation & Blinding					
C11320	Raft Foundation					
External Wo	orks for Portion C					
Works in L	Location 1.2, 1.8 & 011 - Emergency Generator Building					
	Works & T&C in Location 1.2		······]
BB1460	ELV System Installation for Contract HY/2013/01		, i i i i i i i i i i i i i i i i i i i			1
Drainage V						
B00040	Initial Survey					
SG2400	Drainage Works (400m & 18MHs), Stage 1 (Eastern)					
SG3610	Sewerage (90m & 2MHs), Stage 1 (Eastern)					
PORTION						
			1		Date	Re
Actual V		THREE MONTH ROLLING P				3MRP updated as of 30 Sep.
					22 200 10	10 apauloa ao 01 00 000.
Remaini	ing Work	VEHICLE CLEARANCE PLAZAS AND ANCILLA Page 8 of 17	RT BUILDINGS AN	DFACILITIES	31-Oct-16	3MRP updated as of 30 Oct. 2



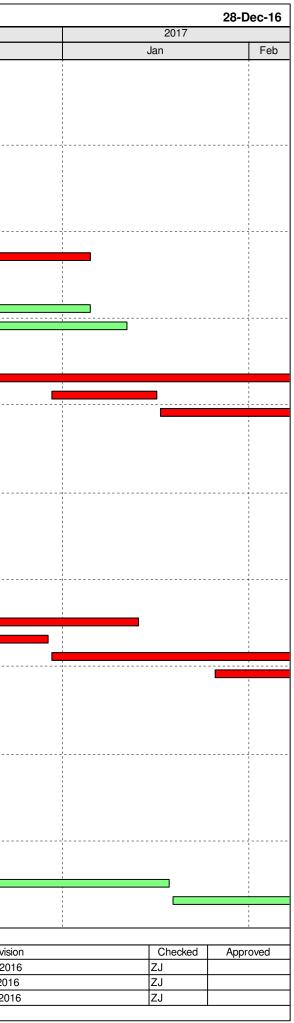
	A state N stresses				
/ ID	Activity Name		0.4	2016	Dec
Portion D B	uilding	1	Oct	Nov	Dec
	Kiosk for Access Control, Portion D				
C11350	Excavation & Blinding				
C11360	Raft Foundation		······································		
C11300	Superstructure (Roof Beams & Slabs)		1		
C11370	Finishing				
D11340	BS for Office Accomodation (Stage 8)				
	orks for Portion D				
			· · · · · · · · · · · · · · · · · · ·		
Drainage V					
	Initial Survey				
	Drainage Works (361m & 14MHs)				
	Sewerage (121m & 6MHs)				
Waterpipe					
	Fresh Water Main Laying (108m)				
-	g for Utilities/Telecom Cabling, TCSS & Lighting				
	ELV System Installation for Contract HY/2013/02				
	Duct & Cable Laying for TCSS & Lighting				
	Car Park Management System at Location 1.5, 1.6A & 1.6E				
SR5540	Works & T&C for Car Park Management System at Location 1.5				
Roadworks	5				
SR3740	Subbase (261 ton)				
PORTION	Ē				
Portion E B	uilding				
	tle Bus Kiosk & Staff Subway Entrance, at Portion E & M		·		
	ELS + Blinding for Subway				
A00610 A00620	Constructing base of Subway				
A00620	Constructing base of Subway Constructing wall stem + top slab of Subway				
	orks for Portion E				
Drainage V					
	Initial Survey				
PORTION					
External Wo	orks for Portion F				
Drainage V	Vorks				
B00070	Initial Survey				
SG3930	Drainage Works (122m & 9MHs)				
SG4050	Sewerage (70m & 3MHs)				
PORTION	G, H1 & H2				
Portion G S					
Box Culver					
Steel H Pile					
	e Box C - 67 nos. of driven H pile, Stage 1				
SC0200	Box C - 38 nos. of driven H pile, Stage 2				
SC0270	Box C - 54 nos. of driven H pile, Stage 3				
			بع 		
	r t Structure Box C - Branch Construction				
SC0310 SC0320	Box C - Branch Construction Box C - Branch Backfilling				
SC0380	Box C - Construction of Main Body				
Bridge A1			1 1 1		
Actual	lork			[Date
Actual W				30-50	ep-16 3MRP updated as of 30 Sep.
		VEHICLE CLEARANCE PLAZAS AND A	NULLIARY BUILDINGS AN		
Remainii Critical			9 of 17	31-0	Oct-16 3MRP updated as of 30 Oct.



ity ID	Indary Crossing Facilities - Vehicle Clearance Pla Activity Name			2016	
ity 10	Activity Name		Oct	Nov	Dec
Bored Pile			001		
SA1130	Bore pile for other 2 nos. (A106)				
SA1140	Pile Testing				
Pile Cap					
SA1210	Cap - A106				
Pier & Abu	-				
SA1310	Abutment A106				
Structure	Deck				
SA1420	Deck on P103 & P104 + Stressing				
SA1440	Deck on P102, P103 + Stressing				
SA1450	Falsework for Deck P101, P102			 	
SA1460	Deck on P101, P102 + Stressing				
SA1470	Falsework for Deck P104, P105				
SA1480	Deck on P104, P105 + Stressing				
SA1490	Falsework for Deck P105, A106				
Bridge A2					
Structure					
SA2440	Deck on P202, P203, P601 + Stressing				
SA2440 SA2450	Falsework for Deck P201 - P202				
SA2450 SA2460	Deck on P201 & P202 + Stressing				
	Deck off F201 & F202 + Stressing				
Bridge A3					
Bored Pile					
SA3160	Pile Testing for P304a/b				
Pile Cap					
SA3220	Cap - P304a/b		<u></u>		
SA3240	Cap - P303				
SA3250	Cap - A305				
Pier & Abu					
SA3320	Pier P304a, P304b				
SA3330	Abutment A305			, , , ,	
SA3340	Pier P302		·		
SA3350	Pier P303			1	
Structure					
SA3410	Falsework for Deck P301 - P302			1	
SA3420	Deck on P301 - P302 + Stressing				
SA3430	Falsework for Deck P302 - P303				
SA3440	Deck on P302 - P303 + Stressing				
_Bridge A4					
Bored Pile					
SA4130	Pile Testing				
Pile Cap					
SA4210	Cap - P401				
SA4220	Cap - P402				
Pier & Abu					
SA4310	Pier P401			1 1 1	
SA4320	Pier P402			· · · · · · · · · · · · · · · · · · ·	
Structure	Deck				
SA4410	Falsework for Deck P502b, P401				
Bridge A5					
Bored Pile					
			·	I	
Actual V	Vork	THREE MON	TH ROLLING PROGRAMME	Date	
	ing Work	VEHICLE CLEARANCE PLAZAS		ND FACILITIES	
Critical			Page 10 of 17	31-Oct-1	
		I		30-Nov-	16 3MRP updated as of 30 Nov.



ty ID	ndary Crossing Facilities - Vehicle Clearance Plazas and Activity Name			2016	
, ·-		I	Oct	Nov	Dec
SA5150	Pile Testing for A503 & P506				
Pile Cap	1				
 SA5210	Сар - Р504	· · · · · · · · · · · · · · · · · · ·			
SA5220	Cap - P505				
SA5230	Cap - P503		, i i i i i i i i i i i i i i i i i i i		
SA5240	Cap - P506				
SA5250	Cap - A501		, i i i i i i i i i i i i i i i i i i i		
SA5260	Cap - P502a/b		i i i i i i i i i i i i i i i i i i i		
Pier & Abu	-				
SA5310	Pier P504				
SA5320	Pier P505				
SA5330	Pier P503				
SA5340	Pier P506				
SA5350	Pier P507				
SA5360	Pier P502a/b				
SA5370	Abutment A501				
Structure					
SA5410	Falsework for Deck P504 - P505				
SA5420	Deck on P504, P505 + Stressing		1		
SA5450	Falsework for Deck P505 - P506				
SA5460	Deck on P505, P506 + Stressing				
Bridge A6					
Pile Cap					
SA6270	Cap - A607/711				
Pier & Abu	•				
	Abutment A607		·		
SA6370 Structure I					
SA6400	Falsework for Deck P601, P602				
SA6410	Deck on P601, P602 + Stressing				
SA6420	Falsework for Deck P602, P603				
SA6430	Deck on P602, P603 + Stressing				
SA6450	Falsework for Deck P603 - P604				
SA6460	Deck on P603, P604 + Stressing				
SA6470	Falsework for Deck P604, P605				
SA6480	Deck on P604, P605 + Stressing				
SA6490	Falsework for Deck P605, P606				
	a, A7b, A7c				
Bored Pile					
SA7160	Bore Piling for A701, P702 - P705, 10 Nr.				
SA7230	Pile Testing for A701, P702, P703				
Pile Cap					
SA7360	Cap for P702				
SA7370	Cap for P703				
SA7380	Cap for A701				
Pier & Abu	tment				
SA7540	Pier P704				
SA7550	Pier P705	1			
SA7560	Pier P702				
SA7570	Pier P703				
SA7650	Abutment A711				
	·				
Actual V	Vork		LLING PROGRAMME		Date
	ing Work	VEHICLE CLEARANCE PLAZAS AND			O-Sep-16 3MRP updated as of 30 S
			11 of 17	31	I-Oct-16 3MRP updated as of 30 C
Critical					-Nov-16 3MRP updated as of 30 N



y ID	ndary Crossing Facilities - Vehicle Clearance Plazas and Activity Name			201	6	
.y ID		h h h h h h h h h h h h h h h h h h h	Oct	No		Dec
Structure D	L Deck		000			
SA7720	Deck on P706, P707 & P712 (Bridge A7b) + Stressing	i				
SA7730	Falsework for Deck P705 - P706					
SA7740	Deck on P705 & P706 (Bridge A7a) + Stressing					
SA7750	Falsework for Deck P704, P705					
SA7770	Deck on P704 & P705 (Bridge A7a) + Stressing					
SA7850	Falsework for Deck P707, P708 (A7c)					
	Deck on P707, P708 (Bridge A7c) + Stressing					
	Parapet for Bridge A7b (8 pour) & E&M Works	I				
Bridge A8						
Pile Cap		1 				
	Cap - Abutment A804	:				
Pier & Abut		1				
	Abutment A804					
	Pier P802					
	Pier P803					
Structure D						
	Falsework for Deck P801, P802					
	Deck on P802, P802 + Stressing					
	Falsework for Deck P802, P803					
	Deck on P802, P803 + Stressing					
	Walls W1-1, W3-1, W5-1 & W7-1					
Retaining V						
	Bored Pile for W3-1, 16 Nr.					
Retaining V						
	Construction of Retaining Wall W5-1 (L-shape, 5 bays)					
Portion G B						
	O Observation Guard Booth No.1, Portion H1					
	Excavation + Blinding	I				
	Raft Foundation					
	O Observation Guard Booth No. 2, Portion H2					
E00210	Excavation + Blinding					
E00220	Raft Foundation					
	nd Private Car Exam Building					
A03330	Finishing					
A03360	External Works			 		
A03370	BS for Office Accomodation (Stage 8)	T				
A03380	BS + E&M for Office Accomodation (Stage 9)					
A03390	Other BS + E&M Installation			1		
	opy Installation					
B03305	Fabrication of Glass Canopy					
B03350	Casted-in Items Installation					
Aluminium	Metal Canopy					
B03315	Fabrication of F/C System			1		
B03320	Casted-in Items Installation					
034 Satelli	te RCP South					
A03440	Super Structure (Roof Beams & Slabs)					
A03450	Finishing					
A03460	BS for Office Accomodation (Stage 8)					
A03470	BS + E&M for Office Accomodation (Stage 9)					
					Date	Rev
۸			I ROLLING PROGRAMME			1.01
Actual W					30-Sep-16	3MRP updated as of 30 Sep. 2
	ng Work	VEHICLE CLEARANCE PLAZAS A		S AND FACILITIES	30-Sep-16 31-Oct-16	3MRP updated as of 30 Sep. 20 3MRP updated as of 30 Oct. 20



ity ID	Activity Name	Ancillary Buildings and Facilities		2016		
			Oct	Nov	/	Dec
A03480	Other BS + E&M Installation					
S S Facade	e Greenery System					
B03410	Shop Drawing Submission for Approval					
B03415	Fabrication of SS F/G System					
_035 - Sewa	age Pumping Station, Portion G					
A03560	ELS + Blinding for Wet Well		1			
A03570	Constructing of Base Slab of Wet Well					
A03580	Constructing of Wall Stem of Wet Well					
A03590	Water-tightness Test for Wet Wells					
B03510	Backfilling + Removal of ELS					
051 Transf	formers (Zone 5)					
A05150	Finishing					
A05165	Energisation by CLP					
A05170	BS for Office Accommodations (KD9)					
A05180	BS + E&M for Office Accommodation (KD10)					
A05190	Other BS + E & M Installation					
Completion	n of Fire Services Installation and Equipment (FCD)					
F05140	Provision of Approved Building Plans by the Engineer			Provision of Appro	oved Building	Plans by the Engineer
Waterwork	(s Ordinance (WSD)					
G05120	Submission of WWO46 - Part I & II (Inside Services)					
100 Inbour	nd Traffic Control Kiosk					
A10040	Super Structure (Roof Beams & Slabs)					
A10050	Finishing					
A10070	BS + E&M for AVCSS Works (KD18A)					
	posite Panel Cladding System					
B10010	Shop Drawing Submission and Approval					
	Fabrication of F/C System			1		
	Kiosk for Taxi Queuing Area					
	Foundation					
A35220	Structure					
A35230	Finishing					;
B11520	BS + E & M Installation		-			
	orks for Portion G, H1 & H2					
_						
	s within Portion H2 in the Hong Kong Side PTI					
	ELV Works within Portion H2 in the Hong Kong Side PTI (KD19)					
_Works witl	hin Portion H1 & H2 except the ELV Works in the Hong Ka					
EU1560	Drainage & Sewerage Works within Portion H1 & H2 in the Hon	g Kong Side PTI (KD20)				
All Works	within the Boundary defined in Drawing No. 60191048/C3	/000/C00/1050				
BEU1570	Drainage & Sewerage Works (incl. CLP) within the Boundary de	fined in Drawing No.				
	60191048/C3/000/1050					
Drainage V	Works					
AS0080	Initial Survey					
ED4070	Drainage Works (6954m & 393MHs)					
ED4190	Sewerage (437m & 12MHs)					
Sign Gant	ry DS40, DS41 & DS75					
ES0020	Sign Gantry DS40 Pre-bored H Piling, 12 Nr.			Ļ		
ES0040	Sign Gantry DS41 Driven Piling 4 Nr.					
ES0080	Testing for Pre-bored H Piling					
ES0180	Fabrication & Delivery of Sign Gantrys to Site			i		i.
	nd Covered Walkway					
					Date	l Re
Actual W			NTH ROLLING PROGRAMME			3MRP updated as of 30 Sep.
	ing Work	VEHICLE CLEARANCE PLAZA	S AND ANCILLARY BUILDINGS	AND FACILITIES		3MRP updated as of 30 Oct. 2
Critical			Page 13 of 17			3MRP updated as of 30 Nov.



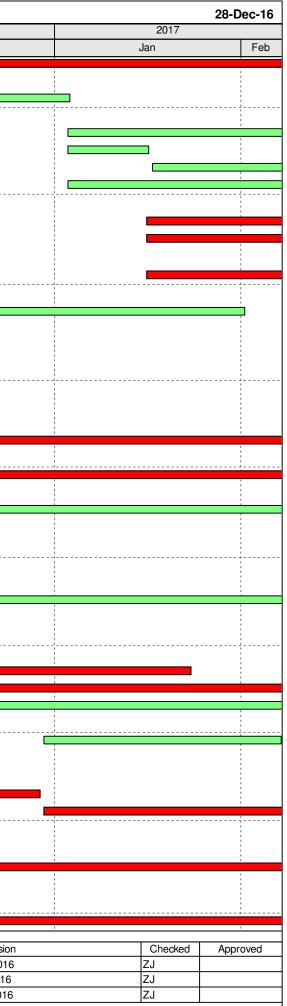
y ID	Activity Name			2016		
		Oct		Nov		Dec
CC1310	Shop drawing, Approved & Fabrication					
PORTION	IJ					
Portion J S	Structure					
Bay 30 - 4	11 of CUE/Staff Subway (Portion J)					
B03040	Bay 30 - 33 Construction - Base Slab					
B03050	Bay 30 - 33 Construction - Wall + Top Slab					
B03210	ELS + blinding (Bay 34 - 41) (8 bay)					
B03220	Bay 34 - 39 Construction - Base Slab		, in the second s			
B03230	Bay 34 - 39 Construction - Wall + Top Slab, Staircase					
B03240	Bay 40 - 41 Construction - Base Slab					
B03250	Bay 40 - 41 Construction - Wall + Top Slab, Staircase					
030 Outbo	ound Private Car & GV Kiosks					
A03010	Submission & Approval for Steel Works					
A03020	Pre-fabrication for the Steel Kiosks					
	ound Kiosks, Section IX, Subject to Excision					
C03010		L				
C03020			rinner i statu i sta			
Portion J I	-					
024 Outbo	ound Private Car Exam Building					
A02400	Excavation + Blinding					
A02410	Raft Foundation					
A02420	Super Structure					
Glass Car	nopy Installation					
B02410	Shop Drawing Submission and Approval					
B02415	Fabrication of F/C System					
	n Metal Canopy					
B02450	Shop Drawing Submission and Approval		;			
B02455					_	
	ound IMMD and DOH Secondary Screen Building					
A03100	Excavation + Blinding (+ PL Test)					
A03110	Raft Foundation					
A03140	Super Structure		i i		1	
	gle Storey Support Building Associated with Buildings 044 &	045				
A06000	Excavation + Blinding					
A06010	Raft Foundation (Traper)					
A06040	Excavation + Blinding (Strip part)					
	rks Ordinance (WSD)					
G06020	, , , , , , , , , , , , , , , , , , ,					
_	om Building					
A06120	Excavation + Blinding		:	•		
A06130	Raft Foundation					<u></u>
A06140	Super Structure					
A06150	Finishing (KD9)					
A06160	BS for Office Accommodations (KD9)					
	n Metal Canopy					
B06110	Shop Drawing Submission and Approval					
_	ound Traffic Control Kiosk					
A10100	Excavation + Blinding					
A10110	Raft Foundation					
	· · · · · · · · · · · · · · · · · · ·					
Astual	Work	THREE MONTH ROLLING PRO	RAMME		ate	Red as of 30 Sep.
Actual				130-50	n-16 ISMRP un/	tated as of 30 Sen
	ning Work	VEHICLE CLEARANCE PLAZAS AND ANCILLARY I	BUILDINGS AND	FACILITIES 31-Oc		dated as of 30 Oct.



ty ID	Indary Crossing Facilities - Vehicle Clearance Plazas and Activity Name		2016	
		Oct	Nov	Dec
A10130	Super Structure (Roof Beams & Slabs)			
A10140	Finishing			
A10150	BS + E&M for AVCSS Works (KD18A)			
A10160	BS + E&M for AVCSS Cabling (KD18B)			
A10170	BS for Office Accommodations (KD9)			
A10190	Other BS + E & M Installation			
HPL Comp	posite Panel Cladding System			
B10110	Shop Drawing Submission and Approval		1	
B10120	Fabrication of HPL Cladding			
External W	orks for Portion J			
Works in I	Location 1.7B			
EU1500	ELV Works & T&C in Location 1.7B			
Works in I	Location 1.7C			
EU1530	ELV Works & T&C in Location 1.7C			
Drainage				
ED4220	Drainage Works (1700m & 86MHs), Stage 1 (Northern)			
ED4220	Sewerage (425m & 11MHs), Stage 1 (Northern)			
Waterpipe				
EW4230	Fresh Water Main Laying (770m), Stage 1 (Northern)			
EW4230	Flushing Water Main Laying (4710h), Stage 1 (Northern)			
	ng for Utilities/Telecom Cabling, TCSS & Lighting			
EU5420	Duct & Cable Laying for Utilities/Telecom			
EU5430	Duct & Cable Laying for TCSS & Lighting			
Sign Gant				
ES0140	Sign Gantry DS104 P-bored Piling, 8 Nr.			
ES5140	Submission and approval for Sign Gantry		1 1 1	
ES5150	Fabrication & Delivery of Sign Gantrys to Site			
	K, L, M, S & T			
Portion M E	Buildings			
108 - C&EI	D Mobile X-ray Operation Office, Portion M			
HPL Comp	posite Panel Cladding System			
C10810	Shop Drawing Submission and Approval			
C10820	Fabrication of HPL Cladding			
104 DOH S	Screening Station, at Portion M			
Facade En	nvelop Structure Installation			
D10450	Shop Drawing Submission and Approval			_
D10455	Fabrication of F/C System			
External W	orks			
Additional	Works (Filling & RE Slope), SA1			
ED3120	Approval of RE Slope by GEO/AECOM			
ED3210	C1 Contractor to Completed cooling mains at east Portion (Stag	ce1) C1 Contract	or to Completed cooling	g mains at east Portic
ED3210	Removal of Access & Form another Temp. Access for Cooling M			
ED3230	C1 Contractor to Completed cooling mains at east Portion (Stag			
ED3260	Consolidation of fill at the Platform			
ED3200	Remove surcharge at the edge of Platform (North, Portion S, KI)32)		
ED3280	Remove surcharge at the Platform (East, Portion T, KD33)			
ED3200	C1 Contractor to Complete Footbridge Supports at the South Po	ortion	actor to Complete Footb	pridge Supports at the
ED3320	Fill Platform from +11.5PD to near PCB (South)			
ED3320	Add surcharge to Platform at +14.5mPD near PCB (South)			
LD3330				
Actual V	Nork	THREE MONTH ROLLING PROGRAMME	Date	F
	ing Work	VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITI		P updated as of 30 Sep
Critical		Page 15 of 17	31-Oct-16 3MR	P updated as of 30 Oct
		. ~	30-Nov-16 3MR	P updated as of 30 Nov

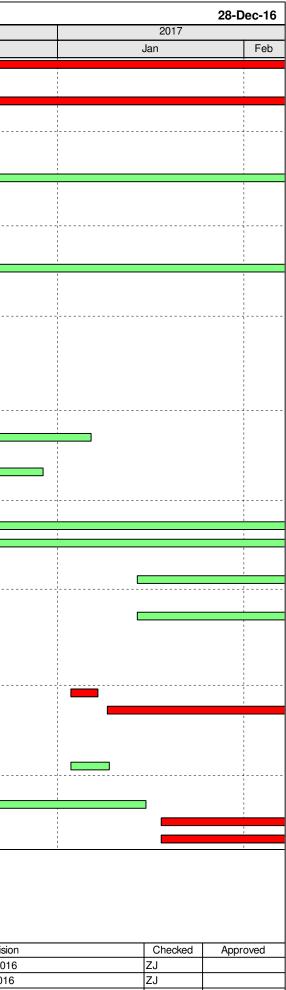
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	Jan	Feb
-	Jan	Feb
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	· · · · · · · · · · · · · · · · · · ·	
	· · · · · · · · · · · · · · · · · · ·	
	¦	
	;	
Stage1)		
•	C1 Contractor to Completed coolin	g mains
outh Portio	n	
	· · · · · · · · · · · · · · · · · · ·	
ion	Checked Appro	oved
16	ZJ	
16	ZJ	
16	ZJ	

tivity ID	undary Crossing Facilities - Vehicle Clearance Plazas and Activity Name			201	6	
	Activity Name		Oct	201		Dec
ED3340	Consolidation of fill at the Platform (South)		001		v	
ED3410	C2 Contractor to complete abutment at the North (2 nos.)			C2 Contractor	to complete a	abutment at the North (2 nos.)
ED3420	Fill Slope around C2 abutments		1 1 1		•	
	tion of Slopes					
ED3430			1			
ED3510						
ED3520						
ED3550			1 1 1			
Drainage			L			¹
ED4370	Drainage Works (1477m & 81MHs), Stage 1 (Eastern)					
ED4490	Sewerage (78m & 2MHs), Stage 1 (Eastern)					
	ing for Utilities/Telecom Cabling, TCSS & Lighting		1			
EU5450	Duct & Cable Laying for TCSS & Lighting					
	and Covered Walkway					
Canopy a CC1400						
PORTION						
Portion N			1			
Box Culve	ert B		· ·			
Bored Pile						
SB0550	Loading Test					
SB0560	Install H-piles					
SB0590	Box B - Bore Pile (20 nos.)		1			
Box Culve	ert Structure					
SB0710	Box B - Construction (Stage 1)					
SB0715	Handover from RC (1/11/16)			Handover from	RC (1/11/16)	
SB0722	Box B - Temporary Works for Construction of Outfall Structure					
Portion N	Buildings		1			
104 DOH :	Screening Station, at Portion N					
Facade E	nvelop Structure Installation					
D10410	Shop Drawing Submission and Approval					
D10415						
106 C&ED	Detention Area Guard Booth		1			
A10600	Excavation + Blinding					
A10610	Structure (Raft Foundation)		L			
A10640	Finishing					
E10640	BS for Office Accommodations (KD9)					
E10660	Other BS + E & M Installation					
	nvelop Structure Installation					
B10610	Shop Drawing Submission and Approval		L			
	D Mobile X-ray Operation Office, Portion N					
A10700	Excavation + Blinding					
A10700	Substructure (Raft Foundation)					
A10710	Super Structure					
	•					
	Vorks for Portion N					
	Location 1.7A					
EU1540	ELV Works & T&C in Location 1.7A					
Drainage						
AS0150	Initial Survey		 			
ED4620	Drainage Works (964m & 56MHs), Stage 1 (Southern)					
					Date	Revis
Actual		-	TH ROLLING PROGRAMME		30-Sep-16	3MRP updated as of 30 Sep. 20
Remair	ning Work	VEHICLE CLEARANCE PLAZAS	AND ANCILLARY BUILDING	S AND FACILITIES	30-Sep-16 31-Oct-16	3MRP updated as of 30 Sep. 20 3MRP updated as of 30 Oct. 201
Critical			Page 16 of 17		30-Nov-16	3MRP updated as of 30 Nov. 20
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ty ID	Activity Name		2016	
		Oct	Nov	De
ED4650	Sewerage (383m & 12MHs), Stage 1 (Southern)			
Duct Layi	ing for Utilities/Telecom Cabling, TCSS & Lighting			
EU5470	Duct & Cable Laying for TCSS & Lighting			
PORTION	I P			
Portion St				
	y Wall RW1			
RW1110				
	Buildings			
	O Guard Booth, Portion P			
	invelop Structure Installation			
A10560				
A10565				
	Vorks for Portion P			
Drainage				
	Initial Survey			
	ing for Utilities/Telecom Cabling, TCSS & Lighting			
EU5490	Duct & Cable Laying for TCSS & Lighting (KD15)			
PORTION				
	Vorks for Portion Q			·
	ing for Utilities/Telecom Cabling, TCSS & Lighting			
ED5570	Duct & Cable Laying for Utilities/Telecom			
ED5580	Duct & Cable Laying for TCSS & Lighting			
EU1490	ELV System Installation for Contract HY/2013/04			
Roadwork			<u> </u>	· · · · · · · · · · · · · · · · · · ·
AS0170	Initial Survey			
ER4920	Subbase (104 ton)			
ER4950	Bitumen Pavement (215 ton)			
Railing				
ER4890	Railing			
Road Fur				
ER4900	Road Furniture			
PORTION				
Portion R				
_002 - C&E	ED Observation Guard Booth, Portion R			
D00210	Excavation + Blinding			
D00220	Raft Foundation			
External W	Vorks for Portion R			
Drainage				
AS0180	Initial Survey		1 1 1	1
Landscap	e Works			
A5170	Design and Procurement for Irrigation System			
A5180	Installation of Irrigation System			
A5190	All landscape Soft & Hard Works		1	

Actual Work	THREE MONTH ROLLING PROGRAMME	Date	Revis
Remaining Work	VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES	30-Sep-16	3MRP updated as of 30 Sep. 20
5		31-Oct-16	3MRP updated as of 30 Oct. 201
Critical	Page 17 of 17	30-Nov-16	3MRP updated as of 30 Nov. 20
♦ ♦ Milestone			

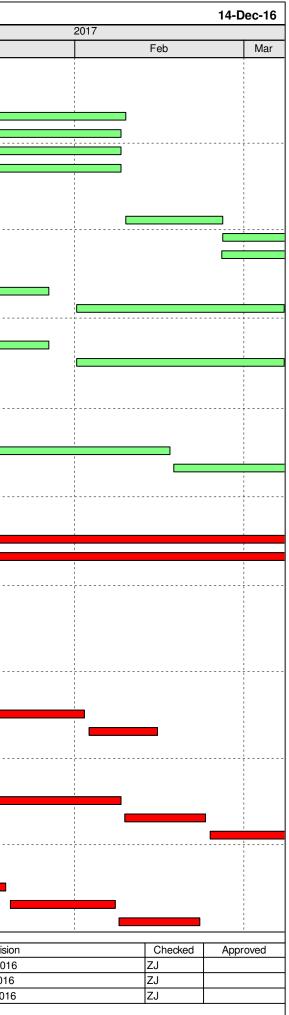


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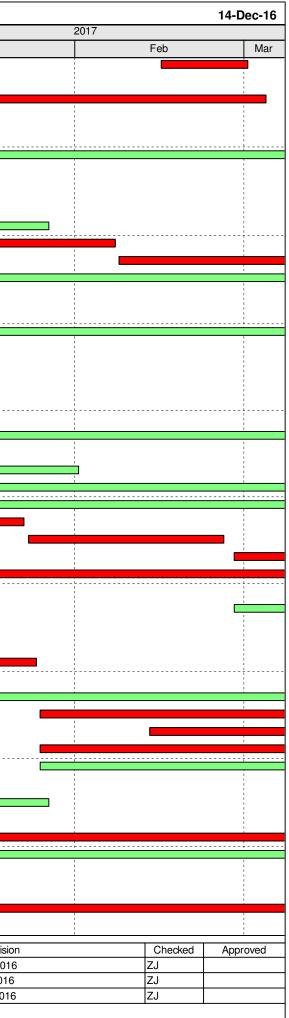
y ID	undary Crossing Facilities - Vehicle Clearance Plazas and A Activity Name	, , , , , , , , , , , , , , , , , , , ,		2016		
•	,	Π	Nov		Dec	Jan
KBCF - \	/CP & Ancillary Buildings and Facilities, DWP Rev	. 3A, DD 30 Nov. 16				
	CT DATES					- 1 1 1
Key Dates						, 1 1 1
A1320		vp 17)				♦ KI
A1320	KD32 Achievement of Section IV(b) of the Works (646 days; 15 Ja					◆ KI
	KD33 Achievement of Section IV(c) of the Works (646 days; 15 Ja	lli. 17)				
	s & Possession					1
	on of Portion of Site			Decession of D	artian D (100 de	
A0030	Possession of Portion B (<=100 days)			Possession of P	ortion B (<=100 da	Possession of Por
A0040	Possession of Portion C (<=100 days)					 Possession of Por Possession of Por
A0070	Possession of Portion F (<=220 days)			Decession of D		,
A0110	Possession of Portion J (<=320 days)			1	ortion J (<=320 da	F '
A0150	Possession of Portion N (<=345 days)				ortion N (<=345 da	
A0160	Possession of Portion P (<=502 days)				ortion P (<=502 da	
A0170	Possession of Portion Q (<=500 days)			Possession of P	ortion Q (<=500 da	1 .
A0180	Possession of Portion R (<=610 days)					Possession of Port
	D Locations of the Site					
A0210	Contract Date for Access to Location 1.1 (490 days)			1	r Access to Locatio	
A0220	Contract Date for Access to Location 1.2 (405 days)				r Access to Locatio	
A0230	Contract Date for Access to Location 1.3 (488 days)				r Access to Locatio	
A0240	Contract Date for Access to Location 1.4 (488 days)				r Access to Locatio	L
A0250	Contract Date for Access to Location 1.5 (580 days)				r Access to Locatio	
A0280	Contract Date for Access to Location 1.7A (610 days)					to Location 1.7A (6
A0290	Contract Date for Access to Location 1.7B (610 days)					to Location 1.7B (6
A0300	Contract Date for Access to Location 1.7C (610 days)					to Location 1.7C (6
A0310	Contract Date for Access to Location 1.8 PCB (Basement level up	to ground floor slab) (395 days)		Contract Date fo	r Access to Locatio	n 1.8 PCB (Basemer
A0320	Contract Date for Access to Location 1.8 PCB (Ground Floor leve					n 1.8 PCB (Ground F
A0330	Contract Date for Access to External Area for Contract HY/2013/0	1 for ELV System Installation (570 days)		 Contract Date fo 	r Access to Externa	I Area for Contract H
A0340	Contract Date for Access to External Area for Contract HY/2013/0	2 for ELV System Installation (560 days)		 Contract Date for 	r Access to Externa	Area for Contract H
A0350	Contract Date for Access to External Area for Contract HY/2013/0	4 ELV System Installation (560 days)		 Contract Date for 	r Access to Externa	I Area for Contract H
Section/St	age Subject to Excision					, 1 1 1
A0770	Contract Date for Section VI (650 days, latest date when the Engi	neer may order)				
A0780	Contract Date for Section VII (650 days, latest date when the Eng	neer may order)				
PRELIMIN	IARY					1 1 1
Precast Ya	rd for Bridge Segement					1
A0630	Segment Manufacture	i i i i i i i i i i i i i i i i i i i				
PORTION	-					
	Structures					1 1 1
Bridge A9						- - - -
Bridge As						1 1 1
SA9120						1 1 1
SA9120 SA9140	Bored pile for A9 Bridge, 10 no.					
	Pile testing					1 1 1
	Con 4005			1		1
SA9210	Cap - A905					1 1 1
SA9220	Cap - P904					1
SA9230	Cap - P903			L		
Actual		THREE MONTH ROL	LING PROGRAMME		Date 30-Sep-16 3MRF	Re updated as of 30 Sep.
Remai	ning Work	VEHICLE CLEARANCE PLAZAS AND A	NCILLARY BUILDING	S AND FACILITIES		updated as of 30 Sep.
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32 Achieveme	nt of Section I	V(b) of the	Works (646 day
	nt of Section I			
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on F (<=220 c	1			
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on R (<=610 d	davs)			
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evel up to gro	und floor slab	o) (395 days)	
or level or ab	ove) (515 day	s)		
	LV System Ins	-	70 davs)
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2013/02 for E	LV System Ins	stallation (5	60 days)
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2013/04 ELV	System Instal	lation (560	days)	
Contract Date	for Section VI	(650 days,	latest d	ate whe
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		T	Nov		Dec	Jar
SA9240	Cap - P902					
SA9250	Cap - A901					
Pier & Abut	iment					
SA9310	Abutment A905					
SA9320	Pier P904					
SA9330	Pier P903					
SA9340	Pier P902					
SA9350	Abutment A901					
Structure	Deck					
SA9400	Falsework for Deck A905 - P904					
SA9410	Deck on A905, P904 + Stressing					
SA9415	Falsework for Deck P904 - P903					
Retaining	Wall W8-1					
_	Construction of Retaining Wall W8-1 (U-shape, 4 bays)					
	Backfilling W8-1					
Retaining	-					
	Construction of Retaining Wall W9-1 (U-shape, 4 bays)			1		
	Backfilling W9-1					
Box Culver	-					
	t D Construction					
SD0150	Box Culvert D Construction (Stage 2, Bay 36 - 38)				_	
SD0160	Box Culvert D Construction (Stage 3, Bay 39 - 42)	<mark>i</mark>			_	1 1 1
SD0170	Box Culvert D Construction (Stage 4, Bay 19 - 21 & 24 - 32)					
	Box Culvert D Backfilling					
	Water Pumping Station, Portion A1 & A2					
A04720	Excavation + Blinding					
A04730	Pile Testing					
A04740	Water Tank Construction					
A04750	Pump House Construction					
_049 - Sewa	ge Treatment Plant, Portion A1 & A2					
A04946	Excavation to 0.0mPD/+4.9mPD					
A04950	Sheet Piling as ELS1 for Equalization Tanks					
A04960	Sheet Piling as ELS2 for Sludge Holding Tanks					
B04960	ELS1 + Blinding for Equalization Tanks					
B04970	Constructing Base Slab for Equalization Tanks					
B04980	Backfiling + Removing 3rd Strut of ELS1					
B04990	Constructing Wall Stem for Equalization Tanks					
C04910	Water-tightness Test for Equalization Tanks					
C04920	Backfiling + Removal of ELS1					
C04930	ELS2 + Blinding for Equalization Tanks					
C04940	Constructing Base Slab of Equalization Tanks					
C04950	Backfiling + Removal Strut of ELS2					
C04960	Constructing Wall Stem of Sludge Holding Tanks					
C04970	Water-tightness Test for Sludge Holding Tanks					
C04990	Backfiling + Removal of ELS2					
D04910	ELS3 w/struts + Blinding for MBR Tanks					
D04920	Constructing Base Slab for MBR Tanks					
D04930	Constructing Wall Stem for MBR Tanks					
D04940	Water-tightness Test for MBR Tanks					
D04950	Backfiling + Removal of ELS3					
						1
Actual W	/ork	THREE MONTH ROI	LLING PROGRAMME		Date	
Remaini		VEHICLE CLEARANCE PLAZAS AND A		ND FACILITIES		3MRP updated as of 30 Se
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	e	J			30-Nov-16	3MRP updated as of 30 No



	undary Crossing Facilities - Vehicle Clearance Plazas and	Anciliary Buildings and Facilities		0010		
y ID	Activity Name	2016				
D04955	Excavation + Blinding for Ground Slab		Nov		Dec	Jan
D04955 D04960	Constructing Ground Slab for Transformer Room					
	Transformer Room Construction		- 1			
D04970						
	Buildings					
	I Disinsection Area and Store Room 1, at Portion A1		¦ 			
A01280	Other BS + E&M Installation			[
_036 - Weig						
A03650	Ceiling/Wall Plaster & Painting		1			
A03660	Floor Screed					
A03665	External Wall Plaster & Tile					·
A03670	BS for Office Accomodation (Stage 8)					
A03680	BS + E&M for Office Accommodation (Stage 9)					
A03690	Other BS + E&M Installation		1 1			
037 C&ED	Tower Cum Inbound Cargo Examination Building (Portio	n A1 & B)				
A03738	DDA Submission/Approval for Curtain Wall/Metal Roof/Alum. Cl	adding				
A03740	Steel Frame Structure Installation		1			
A03742A	Mock-up Sample for Curtain Wall					
A03742B	Mock-up Sample for Cladding					
A03742C	Mock-up Sample for Mesh Screen Wall (SS41) & Balustrade					
A03742E	Mock-up Sample for Toilet Counter Top (WF24)					
A03742F	Mock-up Sample for External Wall Tiling					
A03744	Curtain Wall/Metal Roof/Aluminium Cladding Installation					
A03746	Blockwall Laying					
A03748	Wall/Ceiling Plastering/Tiling					
A03752	Floor Screed/Tiling					1
A03756	Window/Door Frame Installation					i
A03760	BS + E&M for AVCSS Cabling (KD18A)					
A03780	BS for Office Accomodation (KD9)		-			
A03785	BS for Office Accomodation (KD10)		-			
A03790	Other BS + E&M Installation					
	mmission		·			
B03790	Beam Plus Monthly Submission & Issue		-			
	-					
	Station Cum Ambulance Depot					
A04120	Super Structure, G/F to 1/F		1			
A04122	Super Structure, 1/F to 2/F (incl. parapet wall and planter wall)		·····			
A04124	DDA Submission/Approval for Cladding & Curtain Wall					
A04126	Cladding & Curtain Wall Installation (incl. steel & metal works)			1		1 1
A04132	Blockworks					
A04133	Ceiling & Wall Plastering/Wall Tiling					
A04140	BS for Office Accomodation (Stage 8)					
A04160	Other BS + E&M Installation					
042 Drill 1	Tower					
A04260	Finishing		1			
A04270	BS for Office Accomodation (Stage 8)					
A04280	BS + E&M for Office Accomodation (Stage 9)					
A04290	Other BS + E&M Installation					
	Office + Store Room					
043 D <u>OH (</u>	Super Structure					
			-			
A04330	•		D			
A04330 A04340	Water Tanks for F.S./Sprinkler Pump Room		-			1
A04330	•			1	-	1
A04330 A04340	Water Tanks for F.S./Sprinkler Pump Room DDA Submission for Cladding & Curtain Wall	THREE MONTH	ROLLING PROGRAMME		Date	R
A04330 A04340 A04360 Actual	Water Tanks for F.S./Sprinkler Pump Room DDA Submission for Cladding & Curtain Wall	THREE MONTH VEHICLE CLEARANCE PLAZAS AI		ID FACILITIES	30-Sep-16	3MRP updated as of 30 Sep
A04330 A04340 A04360 Actual V	Water Tanks for F.S./Sprinkler Pump Room DDA Submission for Cladding & Curtain Wall Work hing Work	VEHICLE CLEARANCE PLAZAS AN		ND FACILITIES		



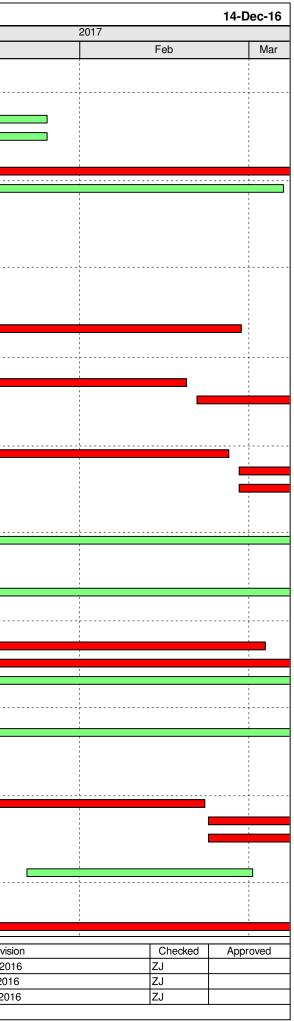
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-7			Nov		Dec	Jan
A04370	Cladding & Curtain Wall Installation (incl. steel & metal works)		-			
A04380	BS for Office Accomodation (Stage 8)					
B04310	Other BS + E&M Installation					
B04330	Stainless Steel Mesh Installation					
B04340	Metal Windows/Louvres/Doors/Railing etc. installation					
B04350	Blockworks					
B04360	Wall Plastering/Tiling					
C04310	C/S Wall Plastering					
052 - Trans	sforms (Zone 4)					
A05235	Energisation by CLP					
A05250	Ceiling/Wall Painting Finish & Floor Screed					
A05260	External Wall Plaster & Wall (KD10)					
A05270	Main Switch/L.V. Switch Board Installation					
A05280	Genset Installation		_			1
	n of Fire Services Installation and Equipment (FCD)		-			
	Approved Building Plans			Approved Build	ling Plans	
	Guard Booth, Portion A1 (Mock Up)				0	
B10500	Shop Drawings & Material Submission					
	velop Structure Installation		-			
	Shop Drawing Submission and Approval		-	i		
	Fabrication of F/C System					
	orks for Portion A1					
						1
Drainage V				1		
ED0020	Drainage Works (773m & 34MHs), Stage 1 (Western)			:		
ED0030	Sewerage (300m & 9MHs), Stage 1 (Western)		······			
ED5590	Drainage Works (774m & 35MHs), Stage 2 (Middle)					1
ED5600	Sewerage (300m & 9MHs), Stage 2 (Middle)		_	:		1
Waterpipe						
EW5010	Fresh Water Main Laying (700 m), Stage 1 (Western)					
EW6010	Flushing Water Main Laying (322 m), Stage 1 (Western)			ļ		. <u> </u>
EW6020	Fresh Water Main Laying (700 m), Stage 2 (Middle)					
	Flushing Water Main Laying (322 m), Stage 2 (Middle)					
Duct Layin	g for Utilities/Telecom Cabling, TCSS & Lighting					
EU5260	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV				I	1
EU5270	Duct & Cable Laying for TCSS & Lighting		_		ļ	
Road Furn	iture					- -
ER0800	ELV Installation					1
PORTION						
Portion A2						
	se Collection Point, Portion A2					
A04600	Excavation + Blinding (+ PL Test)		-			
A04610	Raft Foundation					
A04620	Superstructure w/2 water tank		-			
Test & Con			-			
	Submission & Issue of WW046 I, II, III (Inside Services & FS)					
	nimed Water Pumping Station, Portion A2					
A04830	Sheet Piling as ELS for Basement 1			-		
A04840	Pile testing					
A04850	Excavation + Blinding for Basement 1		1			
Actual W	lork		ROLLING PROGRAMME		Date	R
	ng Work	VEHICLE CLEARANCE PLAZAS A				P updated as of 30 Sep.
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A04860	Basement 1 Construction					-
A04865	Water-tightness Test for Basement 1					
A04870	Basement 2 Construction					
	Wall W9-2		1 1 1			
SW9210	Construction of Retaining Wall W9-2 (U-shape, 6 bay)					
External W	orks for Portion A2		1			
Drainage	Works			1		
A2S010	Initial Survey					
PORTION	В		1			
Portion B S						
	Wall W7-2					
S70870 S70890	Construction of Retaining Wall W7-2 (L-shape, 1 bays)					
S70890 S70970	RW7-2 Backfilling		1			
	RW7-2 Parapet (2 pour) & E&M Works		1 1 1			
	Wall W6-1					
S62050	Construction of Retaining Wall W6-1 (L-shape, 4 bays)		·			
S62060	RW6-1 Backfilling				L	
S62070	RW6-1 Parapet (8 pour) & E&M Works		1			1 1 1
	of CUE/Staff Subway		1 1 1			
C02760	Internal Finishes & Cable Containment (KD1)		1			
C02770	BS + E&M Installation for AVCSS (Stage 1)		r 			.
C02780	Allow Access to C1 for Chilled Water Pipe (CUE) installation					
_Bay 20 - 24	4 of CUE/Staff Subway					
C02820	Bay 20 - 24 Construction - Base Slab					
C02830	Bay 20 - 24 Construction - Wall + Top Slab		1			1
C02840	Internal Finishes & Cable Containment (KD1)		, , ,			
C02850	BS + E&M Installation for AVCSS (Stage 1)					
Bay 25 - 2	9 of CUE/Staff Subway		, , , ,			
C02920	Bay 25 -29 Construction - Base Slab		1			
C02930	Bay 25 - 29 Construction - Wall + Top Slab		-			
C02960	Internal Finishes & Cable Containment (KD1)		1 1 1			1
C02970	BS + E&M Installation for AVCSS (KD1)					
Portion B E	Buildings		, , , ,			
027/028 In	bound Kiosks & 029 Outbound Kiosks					
A02710	Pre-fabrication for the Steel Kiosks					
A02715	Mock up for Steel Kiosks		1			
A02718	Mock up for Goods Vehicle Canopy		L			
A02720	Super structure		, ,			
A02780	BS + E&M for AVCSS Works (KD18A)					
	bound Kiosks & 029 Outbound Kiosks, Section IX, Subject	to Excision	1			
B02740	Pre-fabrication for the Steel Kiosks					
B02760	BS + E&M for AVCSS Works (KD18C)					
	and IMMD and DOH Secondary Screening Building		1 1 1			
A02630	Super Structure					
A02630	Finishing		1	1		•
A02640	Contractor's Design Submission for SS Mesh Screen & Approval		· 			
A02650 A02660	Contractor's Design Submission for St Mesh Screen & Approval Contractor's Design Submission for Aluminium Cladding & Approv		 L 			
A02660 A02670	BS for Office Accomodation (Stage 8)	vai	 			
	Other BS + E&M Installation					
A02690			· ·			-
Actual V	Work	THREE MONTH	ROLLING PROGRAMME		Date	
	ning Work	VEHICLE CLEARANCE PLAZAS AN		ND FACILITIES		P updated as of 30 S
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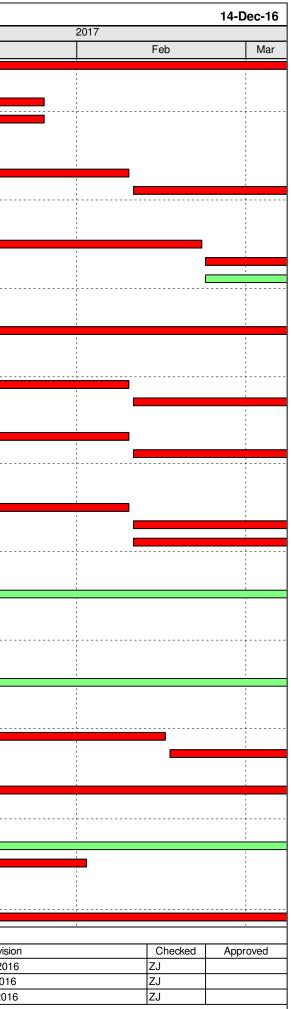
y ID	Activity Name			2016			
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Test & Cor							
	Submission & Issue of WW046 I, II, III (Inside Services & FS)						
	nd Fixed X-ray Building						
A05460	Finishing						
A05467	Energisation by CLP						
A05470	BS for Office Accomodation (Stage 8)			!			
A05480	BS + E&M for Office Accomodation (Stage 9)						
B05410	Lift Installation						
Completio	on of Fire Services Installation and Equipment (FCD)						
F05440	Approved Building Plans			Approved Build	ing Plans		
	ks Ordinance (WSD)						
G05410	Approval Letter and approved Drawings			Approval Letter	and approve	d Drawings	
038 AFCD	Office						
A03820	Substructure						
A03830	Super Structure; G/F to 1/F	1					
A03840	Super Structure; 1/F to 2/F (incl. parapet and planter wall)						
039 Police	e Main Building						
A03920	Substructure						
A03930	Super Structure; G/F to 1/F						
A03935	Super Structure; 1/F to 2/F (incl. parapet and planter wall)						
	ent Control Tower						
A04020	Substructure						
A04040	Super Structure			<mark>-</mark>			
A04050	Finishing (KD9)						
A04060	BS for Office Accomodation (Stage 8), & for TCSS works (KD14)	<u> </u>					
	adding System	·					
B04010	Shop Drawing Submission and Approval					1	
B04020	Fabrication of F/C System						
Glass Wall						-	
C04010	Shop Drawing Submission and Approval						
	Fabrication of Glass Wall			1 1 1			
	UVSS Monitor Room					-	
A10220	Super Structure						
A10220	Finishing (False Ceiling) (KD9)						
	BS for Office Accomodation (Stage 8)						
A10240						1	
A10270	Other BS + E&M Installation						
	opy and Roof Installation						
B10210	Shop Drawing Submission and Approval Fabrication of MC/R						
B10212						L	
	Inspection Post						
A10310	Excavation + Blinding						
A10330	Raft Foundation						
A10340	Super Structure (Roof Slabs)						
A10350	Finishing (False Ceiling) (KD9)						
A10360	BS for Office Accomodation (Stage 8)						
	posite Panel Cladding System						
B10310	Shop Drawing Submission and Approval						
	formers (Zone 2)						
A05730	Superstrurcture						
A05740	Finishing						
Actual V	Nork		OLLING PROGRAMME		Date		
					30-Sep-16	3MRP updated	as of 30 \$
Critical	ing Work			AND FACILITIES	31-Oct-16	3MRP updated	as of 30 0
		Pad	ge 6 of 18		30-Nov-16	3MRP updated	



ivity ID	undary Crossing Facilities - Vehicle Clearance Plazas and Activity Name		20	016			
			Nov		Dec		Jan
A05750	BS + E&M for Tx Room to CLP (Stage 4)						
A05760	BS for Office Accomodation (Stage 8)			i i i			
A05780	Other BS + E&M Installation						
Completic	on of Fire Services Installation and Equipment (FCD)						
F05740	Provision of Approved Building Plans by the Engineer		•	Provision of Ap	proved Buildin	g Plaņ	s by the Engineer
	se & EPD Generator Approval						
	Approval Letter and approved Drawings			Approval Letter	and approved	l Drawi	ngs
107 - C&E	D Mobile X-ray Operation Office (Cargo), Portion B						
C10710	Excavation + Blinding						
C10720	Raft Foundation						
C10730	Superstructure (Roof Slabs)						
113 - Field	d Kiosk for Access Control, Portion B						
B11320	Raft Foundation						
B11330	Superstructure (Roof Beams & Slabs)	1					
201 - Inbo	ound Cargo Mobile X-ray Operation Area						
ER5740	Radiation Screen Wall Construaction						
205 - Inbo	ound Private Car Mobile X-ray Operation Area						
ER5750	Radiation Screen Wall Construaction			· · · · · · · · · · · · · · · · · · ·			
External W	Vorks for Portion B						
	Location 1.7A						
BB1480	ELV Works & T&C in Location 1.7A					1	
	Location 1.7B					-	
BB1490	ELV Works & T&C in Location 1.7B						
Drainage						i	
ED1540						i	
ED1540 ED3580	Drainage Works (1130m & 60 MHs), Stage 1	1				-	
ED3580 ED5650	Sewerage (275m & 8MHs), Stage 1						
ED5650 ED5660	Drainage Works (1130m & 60MHs), Stage 2	· · · · · · · · · · · · · · · · · · ·		; 			
ED5660	Sewerage (300m & 8MHs), Stage 2 Drainage Works (1130m & 60MHs), Stage 3 (N/W)						
ED5670	Sewerage (300m & 8MHs), Stage 3 (N/W)	I				į	
						-	
Waterpipe EW1550				1	_		
	Fresh Water Main Laying (472m), Stage 1 (S/W)						
EW1560	Flushing Water Main Laying (460m), Stage 1 (S/W)				-		
EW6080	Fresh Water Main Laying (500m), Stage 2 (S/E)					ļ	
EW6090	Flushing Water Main Laying (460m), Stage 2 (S/E)					i	
	ing for Utilities/Telecom Cabling, TCSS & Lighting					1	
EU5300	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV						
EU5630	Access date s to Telephone Companies					• #	ccess date s to Teleph
Roadwork						-	
ER1640	Subbase (10000 ton), Stage 1 (N/W)		•			;	
ER3590	Bitumen Pavement (14000 ton), Stage 1 (N/W)						
ER3600	Rigid Pavement (594 m3), Footpath & EVA, Stage 1 (N/W)						
ER5590	Subbase (11000 ton), Stage 2 (N/E)						
	try ADS 306A & ADS 306B						
ES5230	Submission and approval for Sign Gantry						
ES5240	Fabrication & Delivery of Sign Gantrys to Site		F				
PORTION	C						
Portion C	Buildings						
	ound Coach Kiosk & Staff Subway Entrance						
			I	1	Date	1	Revisio
Actual		THREE MONTH ROLLING PF				3MRP -	updated as of 30 Sep. 201
	ning Work	VEHICLE CLEARANCE PLAZAS AND ANCILLAR	RY BUILDINGS AND	D FACILITIES			updated as of 30 Oct. 2016
Critical		Page 7 of 18					updated as of 30 Nov. 201
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ctivity ID	Indary Crossing Facilities - Vehicle Clearance Plazas and Activity Name		2	016		
			Nov		Dec	Jan
A01010	Substructure and Staircase Construction					
009 - Staff	f Subway Entrance (Bay 0 - 3) & Shuttle Bus Kiosks					
A00940	Finishing	·				·
A00950	BS + E&M for AVCSS works (KD 1)	1		1		1
012 - DOH	Disinsection Area and Store Room 1, at Portion C					
B01210	Excavation & Blinding					
B01220	Raft Foundation					
B01230	Supersturcture					
104 - DOH	Secondary Screening Station, at Portion C					
A10420	Excavation & Blinding					
A10430	Substructure					
A10440	BS for Office Accomodation (Stage 8)					
B10410	Other BS + E&M Installation			1 1 1		
Facade CI	ladding System					
A10460	Shop Drawing Submission and Approval					
A10465	Fabrication of F/C System	I 				
	Mobile X-ray Machine Operation Office, Portion C					
A10805	Excavation & Blinding					
A10810	Raft Foundation			 		
A10840	Super Structure (Roof Beams & Slabs)	I I		1		
	posite Panel Cladding System					
A10800	Shop Drawing Submission and Approval	I I		1		
A10815	Fabrication of HPL Cladding					
	Guard Booth (Type 2) East					
A11020	Excavation & Blinding	I				
A11030	Substructure					
A11080	Finishing					
A11090	BS for Office Accomodation (Stage 8)					
	nvelop Structure Installation			1		1
A11040	Shop Drawing Submission and Approval			1 1		
	Fabrication of F/C System					
	Kiosk for Carpark Operator			1		
A11120	Excavation & Blinding			 		
HPL Com	posite Panel Cladding System			1		
B11110	Shop Drawing Submission and Approval	1		• •		
B11120	Fabrication of HPL Cladding					
113 - Fiela	Kiosk for Access Control, Portion C					
C11310	Excavation & Blinding					
C11320	Raft Foundation			1		
C11330	Superstructure (Roof Beams & Slabs)					
204 - Inbo	und Coach Exam Area & Mobile X-ray Operation			1 1 1		
ER5760	Radiation Screen Wall Construaction					
External W	orks for Portion C			1		
	Location 1.2, 1.8 & 011 - Emergency Generator Building			 		
BB1440	Works & T&C in Location 1.2			1		1
				1		
BB1460	ELV System Installation for Contract HY/2013/01					
Drainage						
B00040	Initial Survey	į				
SG2400	Drainage Works (400m & 18MHs), Stage 1 (Eastern)					
					Date	Rev
Actual V		THREE MONTH ROLLING PI				RP updated as of 30 Sep. 2
	ning Work	VEHICLE CLEARANCE PLAZAS AND ANCILLAF	RY BUILDINGS AN	D FACILITIES		RP updated as of 30 Oct. 20
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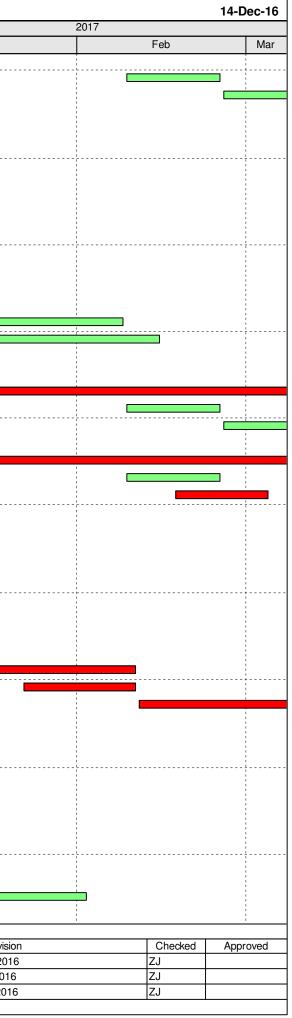
ivity ID	Activity Name	Ancillary Buildings and Facilities	2016			
		Nov		Dec		Jan
SG3610	Sewerage (90m & 2MHs), Stage 1 (Eastern)					
Waterpipe						
SW2410	Fresh Water Main Laying (135m), Stage 1 (Eastern)					
SW2420	Flushing Water Main Laying (50m), Stage 1 (Eastern)					
Duct Layii	ng for Utilities/Telecom Cabling, TCSS & Lighting					
SU5320	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV					
PORTION	D					
Portion D E	Building					
	Kiosk for Access Control, Portion D					
C11360	Raft Foundation		· · · · · · · · · · · · · · · · · · ·			
C11370	Superstructure (Roof Beams & Slabs)					
D11340	BS for Office Accomodation (Stage 8)					
	orks for Portion D					
Drainage						
SG3640					·	
	Drainage Works (361m & 14MHs)					
SG3760	Sewerage (121m & 6MHs)					
	Fresh Water Main Laying (108m)					
	ng for Utilities/Telecom Cabling, TCSS & Lighting		1		 	
B11480	ELV System Installation for Contract HY/2013/02		1		J	
SU5340	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV					
SU5350	Duct & Cable Laying for TCSS & Lighting					
Works of (Car Park Management System at Location 1.5, 1.6A & 1.6E					
SR5540	Works & T&C for Car Park Management System at Location 1.5	5				
PORTION	E					
006 - Shutt	le Bus Kiosk & Staff Subway Entrance, at Portion E & M					
A00610	ELS + Blinding for Subway					
A00620	Constructing base of Subway					
A00630	Constructing wall stem + top slab of Subway					
External W	orks for Portion E				I I I	
Drainage	Works					
B00060	Initial Survey					
SG3780	Drainage Works (99m & 5MHs)					
SG3900	Sewerage (38m & 1 MH)					
PORTION					·	
	orks for Portion F					
Drainage						_
B00070	Initial Survey					
SG3930	Drainage Works (122m & 9MHs)					
SG4050	Sewerage (70m & 3MHs)					
Waterpipe						
	Fresh Water Main Laying (205m)					
	ng for Utilities/Telecom Cabling, TCSS & Lighting					
SU5380	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV					
SU5390	Duct & Cable Laying for TCSS & Lighting					
PORTION	G, H1 & H2					
Portion G	Structures					
Box Culve						
				Date	· · · · · · · · · · · · · · · · · · ·	
Actual V		THREE MONTH ROLLING PROGRAMME			3MRP updated	Re as of 30 Sep 3
Remain	ing Work	VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS	AND FACILITIES		3MRP updated	
Critical		Page 9 of 18				



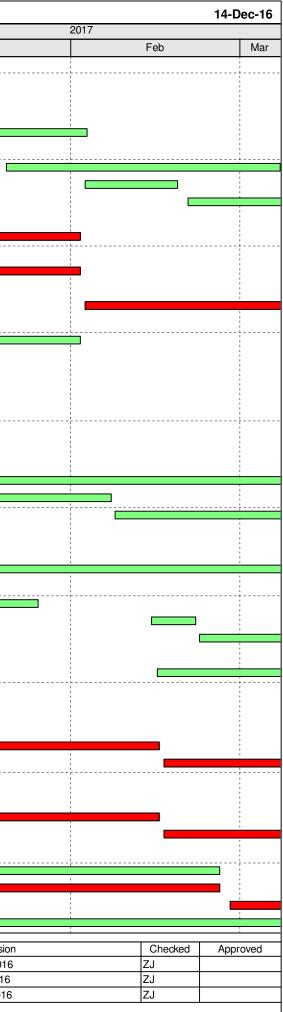
	ndary Crossing Facilities - Vehicle Clearance Plaza Activity Name		2016	6	
	,	П	Nov	Dec	Jan
Steel H Pile					
SC0280	Box C - 54 nos. of driven H pile, Stage 3				·
Box Culver					
	Box C - Branch Construction				
SC0320	Box C - Branch Backfilling				
	Box C - Construction of Main Body				
Bridge A1					· · · · · · · · · · · · · · · · · · ·
Bored Pile					
	Pile Testing				
Pile Cap	3				
	Cap - A106				
Pier & Abut					
	Abutment A106				
Structure D					
	Falsework for Deck P101, P102				
	Deck on P101, P102 + Stressing				
	Falsework for Deck P104, P105		<mark>-</mark>		·····
	Deck on P104, P105 + Stressing	i			
	Falsework for Deck P105, A106				
	Deck on P105, A106 + Stressing				
	Deck on P105, A106 + Stressing				
Bridge A2					
Structure D					
	Falsework for Deck P201 - P202				
	Deck on P201 & P202 + Stressing				
	Parapet (36 pour), E&M Works & installation of DS49				
Bridge A3					
Bored Pile					
SA3160	Pile Testing for P304a/b				
Pile Cap					
	Cap - P304a/b				
	Cap - A305				
Pier & Abut					
SA3320	Pier P304a, P304b				
	Abutment A305				
SA3350	Pier P303				
Structure D			į_		
SA3410	Falsework for Deck P301 - P302				
SA3420	Deck on P301 - P302 + Stressing		le l		1
SA3430	Falsework for Deck P302 - P303				
SA3440	Deck on P302 - P303 + Stressing				1
SA3450	Falsework for Deck P303 - P304a/P304b				
Bridge A4					
Bored Pile					
	Pile Testing				
Pile Cap					
	Cap - P401		i		
	Cap - P402				
Pier & Abut	-				
	Pier P401				
	Pier P402				
074020		<u>.</u>	 ;		1
Actual W	ork		ROLLING PROGRAMME	Date	
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ity ID	undary Crossing Facilities - Vehicle Clearance Plazas a Activity Name	,		2016		
			Nov	-	Dec	
Structure	Deck					
SA4410	Falsework for Deck P502b, P401		· · · · · · · · · · · · · · · · · · ·			
SA4420	Deck on P502b, P401 + Stressing					
Bridge A5						
Pile Cap			1			
SA5230	Cap - P503					
SA5240	Cap - P506			-		
SA5250	Cap - A501					
SA5260	Cap - P502a/b			1		:
Pier & Abu	-			1		
SA5310	Pier P504					
SA5320	Pier P505					
SA5330	Pier P503					
SA5330	Pier P506					
SA5340	Pier P507					
SA5350 SA5360	Pier P502a/b		1			
SA5300 SA5370						
			1			
SA5410	Falsework for Deck P504 - P505					
SA5420	Deck on P504, P505 + Stressing					
SA5430	Falsework for Deck P503 - P504					
SA5440	Deck on P503, P504, + Stressing					
SA5450	Falsework for Deck P505 - P506					
SA5460	Deck on P505, P506 + Stressing		- 1 1 1			
SA5470	Falsework for Deck P502a, P502b, P503					
SA5510	Falsework for Deck P506 - P507		1 1 7			
Bridge A6						
Pier & Abu						
SA6370						
Structure						
	Deck on P601, P602 + Stressing			i ! 		
SA6430	Deck on P602, P603 + Stressing					
SA6450	Falsework for Deck P603 - P604					
SA6460	Deck on P603, P604 + Stressing					
SA6470	Falsework for Deck P604, P605		1			
SA6480	Deck on P604, P605 + Stressing		 			
SA6490	Falsework for Deck P605, P606		1			
SA6510	Deck on P605, P606 + Stressing					
Bridge A7	a, A7b, A7c					
Bored Pile						
SA7230	Pile Testing for A701, P702, P703					
Pile Cap						
SA7360	Cap for P702					
SA7370	Cap for P703			, ; 		
SA7380	-					
Pier & Abu	•		1			
SA7550	Pier P705		↓ ·			
SA7560	Pier P702					
SA7570	Pier P703					
SA7580	Abutment A701			·		
			·			1
Actual V	Nork		ROLLING PROGRAMME		Date	
	ning Work	VEHICLE CLEARANCE PLAZAS AN			30-Sep-16	3MRP updated as of 30
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Remain			Page 11 of 18			3MRP updated as of 30 3MRP updated as of 30



rity ID	Activity Name		201	6		
			Nov		Dec	Jan
SA7650	Abutment A711					
Structure I	Deck					
SA7720	Deck on P706, P707 & P712 (Bridge A7b) + Stressing					
SA7730	Falsework for Deck P705 - P706		Ļ.			
SA7740	Deck on P705 & P706 (Bridge A7a) + Stressing					
SA7750	Falsework for Deck P704, P705	1				
SA7770	Deck on P704 & P705 (Bridge A7a) + Stressing					· · · · · · · · · · · · · · · · · · ·
SA7780	Falsework for Deck P703, P704					
SA7790	Deck on P703, P704 (Bridge A7a) + Stressing	1				
SA7850	Falsework for Deck P707, P708 (A7c)	1			I	
SA7860	Deck on P707, P708 (Bridge A7c) + Stressing	1				
SA7870	Falsework for Deck P708 - P709 (A7c)		•••			/ I I I
SA7880	Deck on P708 & P709 (Bridge A7c) + Stressing					
SA7890	Falsework for Deck P709, P710 (A7c)				ļ	
SA7910	Deck on P709, P710 (Bridge A7c) + Stressing					
SA7920	Falsework for Deck P710 - A711 (A7c)					
SA7940	Parapet for Bridge A7b (8 pour) & E&M Works					
Bridge A8						
Pier & Abut						
	Abutment A804		· · · · · · · · · · · · · · · · · · ·			
	Pier P802					
	Pier P803	<u>1</u>				
Structure I						
SA8410	Falsework for Deck P801, P802				1	
SA8410 SA8420	Deck on P802, P802 + Stressing					
	Falsework for Deck P802, P803	I				
		+				
	Deck on P802, P803 + Stressing					
	Walls W1-1, W3-1, W5-1 & W7-1					
Retaining V						
	Construction of Retaining Wall W1-1 (L-shape, 4 bays)					
Retaining V						
	Bored Pile for W3-1, 16 Nr.					
	Pile Testing for W3-1					
	Construction of Retaining Wall W3-1 (U-shape, 4 bays)					
Retaining V						
	Construction of Retaining Wall W5-1 (L-shape, 5 bays)					
Portion G B	Buildings					
002 - C&EL	D Observation Guard Booth No. 1, Portion H1					
C00220	Excavation + Blinding					
C00230	Raft Foundation					
C00240	Superstructure					
002 - C&EL	D Observation Guard Booth No. 2, Portion H1		·····			
E00210	Excavation + Blinding					
E00220	Raft Foundation					
E00220	Superstructure					
	nd Private Car Exam Building					
			<u> </u>			
A03360	External Works					
A03370	BS for Office Accomodation (Stage 8)	[
A03380	BS + E&M for Office Accomodation (Stage 9)					
A03390	Other BS + E&M Installation		Ļ			
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Actual W		THREE MONTH ROL				3MRP updated as of 30 Sep.
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Remainii	ing Work	VEHICLE CLEARANCE PLAZAS AND AI Page 1		FACILITIES		3MRP updated as of 30 Oct. 2



	dary Crossing Facilities - Vehicle Clearance Plazas and A Activity Name	, , , , , , , , , , , , , , , , , , , ,		2016			
.,		l l l l l l l l l l l l l l l l l l l	Nov		Dec		Jan
C03310	Submission & Issue of WW046 I, II, III (Inside Services & FS)						
Glass Canop	by Installation					·	
B03300	Shop Drawing Submission and Approval						
	Fabrication of Glass Canopy						
	Casted-in Items Installation						
Aluminium N	letal Canopy						
	Shop Drawing Submission and Approval			O;			
	Fabrication of F/C System					i	
	Casted-in Items Installation						
034 Satellite	RCP South						
	Finishing	i					
	BS for Office Accomodation (Stage 8)						
	BS + E&M for Office Accomodation (Stage 9)						
	Other BS + E&M Installation			1			
Test & Comr							
	Submission & Issue of WW046 I, II, III (Inside Services & FS)						
	Greenery System						
	Shop Drawing Submission for Approval						
	Fabrication of SS F/G System						
	e Pumping Station, Portion G						
	Constructing of Base Slab of Wet Well						
	Constructing of Wall Stem of Wet Well						
	Water-tightness Test for Wet Wells						
	Backfilling + Removal of ELS						
	ELS + Blinding for Basement Basement						
	Constructing Base Slab of Basement						
	Constructing Basement Wall & G/F Slab					-	
	Water-tightness Test for Inlet Chamber						
	Superstructure works					1	
	rmers (Zone 5)						
	Finishing					·	
	Energisation by CLP			1		÷	
	BS for Office Accommodations (KD9)			1		1	
	Other BS + E & M Installation						
	of Fire Services Installation and Equipment (FCD)				l'a Diana		
	Approved Building Plans			Approved Build	aing Plans		
	I Traffic Control Kiosk					1	
	Finishing						
	site Panel Cladding System						
	Shop Drawing Submission and Approval			1		;	
	Fabrication of F/C System						
112 Field Ki	osk for Taxi Queuing Area						
A11230	Structure						
A11240	Finishing						
A11250	BS + E & M Installation						
External Wor	ks for Portion G, H1 & H2						
ELV Works	within Portion H2 in the Hong Kong Side PTI						
	ELV Works within Portion H2 in the Hong Kong Side PTI (KD19)					1	
	DS40, DS41 & DS75					1	
	Sign Gantry DS40 Pre-bored H Piling, 12 Nr.						
				1		<u>.</u>	
Actual Wo	rk	THREE MONTH RO	OLLING PROGRAMME		Date	21/100	Revis
Remaining	y Work	VEHICLE CLEARANCE PLAZAS AND	ANCILLARY BUILDINGS	AND FACILITIES			updated as of 30 Sep. 20 updated as of 30 Oct. 20
Critical		Page	e 13 of 18				pdated as of 30 Oct. 20 pdated as of 30 Nov. 20
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/ity ID	Indary Crossing Facilities - Vehicle Clearance Plazas and Activity Name		2016		
			Nov	Dec	Jan
ES0040	Sign Gantry DS41 Driven Piling 4 Nr.				
ES0080	Testing for Pre-bored H Piling				
ES0170	Submission and approval for Sign Gantry				
ES0180	Fabrication & Delivery of Sign Gantrys to Site				
Canopy an	nd Covered Walkway				
CC1310	Shop drawing, Approved & Fabrication	1			
CC1320	Footing				
PORTION	J				
Portion J S	Structure				
Bay 30 - 41	1 of CUE/Staff Subway (Portion J)				
B03040	Bay 30 - 33 Construction - Base Slab				
B03050	Bay 30 - 33 Construction - Wall + Top Slab				
B03220	Bay 34 - 39 Construction - Base Slab				
B03230	Bay 34 - 39 Construction - Wall + Top Slab, Staircase				
B03240	Bay 40 - 41 Construction - Base Slab			-	
B03250	Bay 40 - 41 Construction - Wall + Top Slab, Staircase				
B03260	Internal Finishes & Cable Containment (KD2)	L			
B03270	BS + E&M Installation for ACVSS (Stage 2) (KD2)				
	und Private Car & GV Kiosks				
	Pre-fabrication for the Steel Kiosks				
	und Kiosks, Section IX, Subject to Excision				
	Pre-fabrication for the Steel Kiosks				
Portion J B					
	und Private Car Exam Building				
A02400	Excavation + Blinding (PL Test)				
A02410	Raft Foundation				
A02420	Super Structure				
	opy Installation				
B02410	Shop Drawing Submission and Approval				—
B02415	Fabrication of F/C System				
	Metal Canopy Chan Drawing Submission and Approval				
B02450	Shop Drawing Submission and Approval				—
B02455	Fabrication of F/C System				
	und IMMD and DOH Secondary Screen Building				
A03110	Raft Foundation				
A03140	Super Structure				
	le Storey Support Building Associated with Buildings 04	4 & 045			
A06000	Excavation + Blinding (+ PL Test)				
A06010	Raft Foundation (Traper)				
A06020	Superstructure (Traper) Construction				
A06040	Excavation + Blinding (Strip part)				
A06045	Raft Foundation (Strip part)				
	ks Ordinance (WSD)				
G06020	Submission of WWO46 - Part I & II (Inside Services)				
	om Building				
A06120	Excavation + Blinding			<u></u>	<u></u>
A06130	Raft Foundation				
A06140	Super Structure				
A06150	Finishing (KD9)				
Actual V	Vork	THREE MONTH ROL	LING PROGRAMME	Date	Re
				30-Sep-16 3MRP u	updated as of 30 Sep. 2
Remaini	ing Work	VEHICLE CLEARANCE PLAZAS AND AN	ICILLARY BUILDINGS AND F	ACILITIES 31-Oct-16 3MRP u	updated as of 30 Oct. 2

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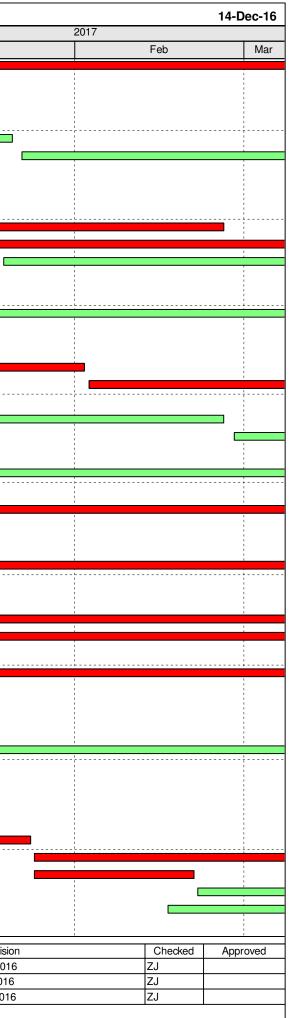
tivity ID	undary Crossing Facilities - Vehicle Clearance Plazas and Activity Name			2016		
		T	Nov	C	Dec	Jan
A06160	BS for Office Accommodations (KD9)					
Aluminium	n Metal Canopy			 		
B06110	Shop Drawing Submission and Approval					
B06115	Fabrication of Aluminium Cladding					
	ound Traffic Control Kiosk					
A10100	Excavation + Blinding			:		
A10110	Raft Foundation					
A10130	Super Structure (Roof Beams & Slabs)					
A10140	Finishing					
A10150	BS + E&M for AVCSS Works (KD18A)					
A10160	BS + E&M for AVCSS Cabling (KD18B)					
A10170	BS for Office Accommodations (KD9)					
A10190	Other BS + E & M Installation					
C10110	Submission of WWO46 - Part I & II (Inside Services)					
	posite Panel Cladding System			1		
B10110	Shop Drawing Submission and Approval			1		
B10120	Fabrication of HPL Cladding					
	bound Private Car Mobile X-ray Operation Area					
ER5780	Radiation Screen Wall Construaction					
	/orks for Portion J					
Works in	Location 1.7B					
EU1500	ELV Works & T&C in Location 1.7B	1 1 1				
Works in [Location 1.7C					
EU1530	ELV Works & T&C in Location 1.7C					
Drainage	Works					
ED4220	Drainage Works (1700m & 86MHs), Stage 1 (Northern)	1				
ED4340	Sewerage (425m & 11MHs), Stage 1 (Northern)					
Waterpipe	a Laying			 		1
EW4230	Fresh Water Main Laying (770m), Stage 1 (Northern)					
EW4240	Flushing Water Main Laying (431m), Stage 1 (Northern)					
Duct Layi	ng for Utilities/Telecom Cabling, TCSS & Lighting					
EU5420	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV					
EU5430	Duct & Cable Laying for TCSS & Lighting					·····
Sign Gant						
Sign Gant ES0140	try DS104					
ES0140	try DS104 Sign Gantry DS104 P-bored Piling, 8 Nr.					
	try DS104 Sign Gantry DS104 P-bored Piling, 8 Nr. Testing for P-bored Piles					
ES0140 ES5130	try DS104 Sign Gantry DS104 P-bored Piling, 8 Nr. Testing for P-bored Piles Submission and approval for Sign Gantry					
ES0140 ES5130 ES5140 ES5150	try DS104Sign Gantry DS104 P-bored Piling, 8 Nr.Testing for P-bored PilesSubmission and approval for Sign GantryFabrication & Delivery of Sign Gantrys to Site					
ES0140 ES5130 ES5140 ES5150 PORTION	try DS104 Sign Gantry DS104 P-bored Piling, 8 Nr. Testing for P-bored Piles Submission and approval for Sign Gantry Fabrication & Delivery of Sign Gantrys to Site K, L, M, S & T					
ES0140 ES5130 ES5140 ES5150 PORTION Portion K I	try DS104 Sign Gantry DS104 P-bored Piling, 8 Nr. Testing for P-bored Piles Submission and approval for Sign Gantry Fabrication & Delivery of Sign Gantrys to Site K, L, M, S & T Building					
ES0140 ES5130 ES5140 ES5150 PORTION Portion K I 002 - C&E	try DS104 Sign Gantry DS104 P-bored Piling, 8 Nr. Testing for P-bored Piles Submission and approval for Sign Gantry Fabrication & Delivery of Sign Gantrys to Site K, L, M, S & T Building D Observation Guard Booth No. 1, Portion K					
ES0140 ES5130 ES5140 ES5150 PORTION Portion K I 002 - C&E A00210	try DS104 Sign Gantry DS104 P-bored Piling, 8 Nr. Testing for P-bored Piles Submission and approval for Sign Gantry Fabrication & Delivery of Sign Gantrys to Site K, L, M, S & T Building D Observation Guard Booth No. 1, Portion K Excavation + Blinding					
ES0140 ES5130 ES5140 ES5150 PORTION Portion K I 002 - C&E A00210 A00220	try DS104 Sign Gantry DS104 P-bored Piling, 8 Nr. Testing for P-bored Piles Submission and approval for Sign Gantry Fabrication & Delivery of Sign Gantrys to Site K, L, M, S & T Building D Observation Guard Booth No. 1, Portion K Excavation + Blinding Raft Foundation					
ES0140 ES5130 ES5140 ES5150 PORTION Portion K I 002 - C&E A00210 A00220 002 - C&E	try DS104 Sign Gantry DS104 P-bored Piling, 8 Nr. Testing for P-bored Piles Submission and approval for Sign Gantry Fabrication & Delivery of Sign Gantrys to Site K, L, M, S & T Building C Observation Guard Booth No. 1, Portion K Excavation + Blinding Raft Foundation C Observation Guard Booth No. 2, Portion K					
ES0140 ES5130 ES5140 ES5150 PORTION Portion K I 002 - C&E A00210 A00220 002 - C&E B00210	try DS104 Sign Gantry DS104 P-bored Piling, 8 Nr. Testing for P-bored Piles Submission and approval for Sign Gantry Fabrication & Delivery of Sign Gantrys to Site K, L, M, S & T Building D Observation Guard Booth No. 1, Portion K Excavation + Blinding Raft Foundation D Observation Guard Booth No. 2, Portion K Excavation + Blinding					
ES0140 ES5130 ES5140 ES5150 PORTION Portion K I 002 - C&E A00210 A00220 002 - C&E B00210 B00220	try DS104 Sign Gantry DS104 P-bored Piling, 8 Nr. Testing for P-bored Piles Submission and approval for Sign Gantry Fabrication & Delivery of Sign Gantrys to Site K, L, M, S & T Building D Observation Guard Booth No. 1, Portion K Excavation + Blinding Raft Foundation D Observation Guard Booth No. 2, Portion K Excavation + Blinding Raft Foundation Building					
ES0140 ES5130 ES5140 ES5150 PORTION Portion K I 002 - C&E A00210 A00220 002 - C&E B00210 B00220 Portion M	try DS104 Sign Gantry DS104 P-bored Piling, 8 Nr. Testing for P-bored Piles Submission and approval for Sign Gantry Fabrication & Delivery of Sign Gantrys to Site K, L, M, S & T Building <i>Observation Guard Booth No. 1, Portion K</i> Excavation + Blinding Raft Foundation <i>Observation Guard Booth No. 2, Portion K</i> Excavation + Blinding Raft Foundation <i>Building</i> Raft Foundation <i>Building</i> Raft Foundation					
ES0140 ES5130 ES5140 ES5150 PORTION Portion K I 002 - C&E A00210 A00220 002 - C&E B00210 B00220 Portion M 108 - C&E	try DS104 Sign Gantry DS104 P-bored Piling, 8 Nr. Testing for P-bored Piles Submission and approval for Sign Gantry Fabrication & Delivery of Sign Gantrys to Site K, L, M, S & T Building <i>CD Observation Guard Booth No. 1, Portion K</i> Excavation + Blinding Raft Foundation <i>D Observation Guard Booth No. 2, Portion K</i> Excavation + Blinding Raft Foundation <i>D Observation Guard Booth No. 2, Portion K</i> Excavation + Blinding Raft Foundation <i>D Observation Guard Booth No. 2, Portion K</i> Excavation + Blinding Raft Foundation <i>D Observation Guard Booth No. 2, Portion K</i> Excavation + Blinding Raft Foundation <i>D Mobile X-ray Operation Office, Portion M</i>					
ES0140 ES5130 ES5140 ES5150 PORTION Portion K I 002 - C&E A00210 A00220 002 - C&E B00210 B00220 Portion M	try DS104 Sign Gantry DS104 P-bored Piling, 8 Nr. Testing for P-bored Piles Submission and approval for Sign Gantry Fabrication & Delivery of Sign Gantrys to Site K, L, M, S & T Building <i>Observation Guard Booth No. 1, Portion K</i> Excavation + Blinding Raft Foundation <i>Observation Guard Booth No. 2, Portion K</i> Excavation + Blinding Raft Foundation <i>Building</i> Raft Foundation <i>Building</i> Raft Foundation					
ES0140 ES5130 ES5140 ES5150 PORTION Portion K I 002 - C&E A00210 A00220 002 - C&E B00210 B00220 Portion M 108 - C&E B10800	try DS104 Sign Gantry DS104 P-bored Piling, 8 Nr. Testing for P-bored Piles Submission and approval for Sign Gantry Fabrication & Delivery of Sign Gantrys to Site K, L, M, S & T Building D Observation Guard Booth No. 1, Portion K Excavation + Blinding Raft Foundation D Observation Guard Booth No. 2, Portion K Excavation + Blinding Raft Foundation D Observation Guard Booth No. 2, Portion K Excavation + Blinding Raft Foundation D Observation Guard Booth No. 2, Portion K Excavation + Blinding Raft Foundation Buildings D Mobile X-ray Operation Office, Portion M Excavation + Blinding				Date	
ES0140 ES5130 ES5140 ES5150 PORTION Portion K I 002 - C&E A00210 A00220 002 - C&E B00210 B00220 Portion M 108 - C&E B10800	try DS104 Sign Gantry DS104 P-bored Piling, 8 Nr. Testing for P-bored Piles Submission and approval for Sign Gantry Fabrication & Delivery of Sign Gantrys to Site K, L, M, S & T Building D Observation Guard Booth No. 1, Portion K Excavation + Blinding Raft Foundation D Observation Guard Booth No. 2, Portion K Excavation + Blinding Raft Foundation Buildings D Mobile X-ray Operation Office, Portion M Excavation + Blinding Work		DLLING PROGRAMME		Date	Revisio BMRP updated as of 30 Sep. 2016
ES0140 ES5130 ES5140 ES5150 PORTION Portion K I 002 - C&E A00210 A00220 002 - C&E B00210 B00220 Portion M 108 - C&E B10800	try DS104 Sign Gantry DS104 P-bored Piling, 8 Nr. Testing for P-bored Piles Submission and approval for Sign Gantry Fabrication & Delivery of Sign Gantrys to Site K, L, M, S & T Building <i>D</i> Observation Guard Booth No. 1, Portion K Excavation + Blinding Raft Foundation <i>D</i> Observation Guard Booth No. 2, Portion K Excavation + Blinding Raft Foundation <i>D</i> Observation Guard Booth No. 2, Portion K Excavation + Blinding Raft Foundation <i>D</i> Mobile X-ray Operation Office, Portion M Excavation + Blinding Work ming Work	VEHICLE CLEARANCE PLAZAS AND		DFACILITIES	Date 30-Sep-16 3 31-Oct-16 3	Revisio

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16		ZJ		

y ID	Indary Crossing Facilities - Vehicle Clearance Plazas and Activity Name			2016		
		Г	Nov	[Dec	Jan
B10810	Substructure (raft Foundation)					
B10840	Super Structure (Roof beams & Slabs)					
HPL Comp	posite Panel Cladding System					
C10810	Shop Drawing Submission and Approval			[
C10820	Fabrication of HPL Cladding					
104 DOH S	Screening Station, at Portion M					
C10400	Excavation + Blinding					
C10430	Structure (Raft Foundation)					
C10440	Finishing					
C10450	BS for Office Accommodations (KD9)					
	velop Structure Installation					
D10450	Shop Drawing Submission and Approval			1		
D10455	Fabrication of F/C System					
	oound Coach/Shuttle Bus Exam Area & Mobile X-ray Oper	ation Area		<mark>-</mark>		
ER5770	Radiation Screen Wall Construction					
External W						
Additional	Works (Filling & RE Slope), SA1					
ED3120	Approval of RE Slope by GEO/AECOM					
ED3210	C1 Contractor to Completed cooling mains at east Portion (Stat	ge1)		C1 Contractor to	o Completed coo	ling mains at east Portion
ED3220	Removal of Access & Form another Temp. Access for Cooling N	<i>l</i> ain				
ED3260	Consolidation of fill at the Platform					
ED3270	Remove surcharge at the edge of Platform (North, Portion S, Kl	D32)				
ED3280	Remove surcharge at the Platform (East, Portion T, KD33)					
ED3310	C1 Contractor to Complete Footbridge Supports at the South P	ortion		C1 Contractor to	o Complete Footb	pridge Supports at the Sou
ED3320	Fill Platform from +11.5PD to near PCB (South)					
ED3330	Add surcharge to Platform at +14.5mPD near PCB (South)					
	ion of Slopes					
ED3510	Footing for the Planter Wall, RE slope (West)					
ED3520	Construct RE slope (West)					
ED3550	Construction of fill slope (North)					
Drainage						
ED4370	Drainage Works (1477m & 81MHs), Stage 1 (Eastern)					
ED4490	Sewerage (78m & 2MHs), Stage 1 (Eastern)					·
Waterpipe						
EW4380	Fresh Water Main Laying (608m), Stage 1 (Eastern)					
EW4390	Flushing Water Main Laying (13m), Stage 1 (Eastern)					
Duct Layir	ng for Utilities/Telecom Cabling, TCSS & Lighting					
EU5450	Duct & Cable Laying for TCSS & Lighting					
Canopy ar	nd Covered Walkway					· L
	Shop drawing, Approved & Fabrication					
PORTION						
Portion N S						
Box Culve	ert B					
Bored Pile						
SB0560	Install H-piles					
SB0590	Box B - Bore Pile (20 nos.)					
Box Culve	rt Structure					
SB0710	Box B - Construction (Stage 1)					
SB0715	Handover from RC (1/11/16)	L				Handover from RC
-		,				
Actual V	Vork		OLLING PROGRAMME		Date	Revis
	ing Work	VEHICLE CLEARANCE PLAZAS AND				RP updated as of 30 Sep. 20
nonali			e 16 of 18			RP updated as of 30 Oct. 201
Critical					30-Nov-16 3M	RP updated as of 30 Nov. 20 ⁻

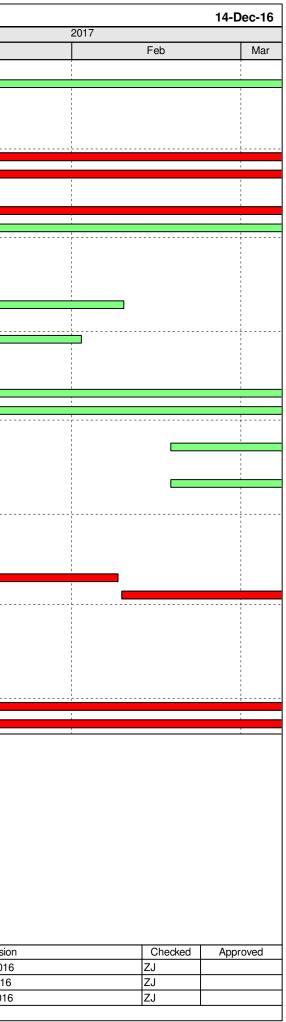


ity ID	ndary Crossing Facilities - Vehicle Clearance Plazas and Activity Name		2016		
			Nov	Dec	Jan
SB0722	Box B - Temporary Works for Construction of Outfall Structure				
Portion N B	Buildings				
104 DOH S	Creening Station, at Portion N				
Facade En	velop Structure Installation				
	Shop Drawing Submission and Approval				·····
D10415	Fabrication of F/C System				
	Detention Area Guard Booth				
A10600	Excavation + Blinding				
A10610	Structure (Raft Foundation)				
A10640	Finishing	L			
E10640	BS for Office Accommodations (KD9)				
E10660	Other BS + E & M Installation				
	velop Structure Installation				
B10610	Shop Drawing Submission and Approval				
	Fabrication of F/C System				
	Mobile X-ray Operation Office, Portion N				
A10700	Excavation + Blinding				
A10710	Substructure (Raft Foundation)				
A10740	Super Structure				
	osite Panel Cladding System				
	Shop Drawing Submission and Approval				
	Fabrication of HPL Composite Panel System				
	und/Outbound Vehicle Dectection Area				
	Construction of the Area and Access to the Interface Contractor				
	ound Cargo Mobile X-ray Opeartion Area				
	Radiation Screen Wall Construaction				
External Wo	orks for Portion N				
Works in L	ocation 1.7A				
EU1540	ELV Works & T&C in Location 1.7A				
Drainage V	Vorks				
AS0150	Initial Survey				
ED4620	Drainage Works (964m & 56MHs), Stage 1 (Southern)				
ED4650	Sewerage (383m & 12MHs), Stage 1 (Southern)				
	g for Utilities/Telecom Cabling, TCSS & Lighting				
	Duct & Cable Laying for TCSS & Lighting				
PORTION					
Portion Stru					
Retaining					
	Construction of Retaining Wall RW1 (U-shape, 5 bays)				
Portion P B					
105 IMMD	Guard Booth, Portion P				
A10510	Excavation + Blinding		, in the second s		
A10520	Substructure (Raft Foundation)				
A10530	On Grade Ground Slab			l	
A10540	Finishing				
E10500	BS for Office Accommodations (KD9)				
E10510	BS + E&M for Office Accommodation (KD10)				
E10520	Other BS + E & M Installation				
Facade En	velop Structure Installation				
Actual W	Vork	THREE MONTH ROLLING	PROGRAMME	Date	
Remaini	ng Work	VEHICLE CLEARANCE PLAZAS AND ANCILL	ARY BUILDINGS AND FAC	LITIES 30-Sep-1	
Critical		Page 17 of 18		31-Oct-10 30-Nov-1	
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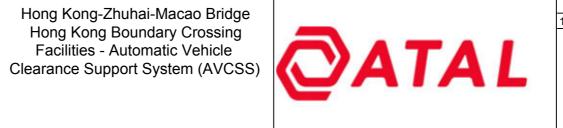
ivity ID	Activity Name		2016		
A10560	Shop Drawing Submission and Approval	Nov		Dec	
A10565	Fabrication of F/C System				
	Vorks for Portion P				
Drainage					
AS0160	Initial Survey				
ED4670	Drainage Works (2957m & 128MHs)				
ED4070	Sewerage (269m & 7MHs)				
Waterpipe					
EW4680	Fresh Water Main Laying (1270m)				
EW4690	Flushing Water Main Laying (455m)			1	
PORTION					
	Vorks for Portion Q				
	ng for Utilities/Telecom Cabling, TCSS & Lighting				
ED5570	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV				
ED5580 EU1490	Duct & Cable Laying for TCSS & Lighting ELV System Installation for Contract HY/2013/04				
			-		
AS0170	Initial Survey				
ER4920 ER4950	Subbase (104 ton) Bitumen Pavement (215 ton)				
	Bitumen Favement (215 ton)				
Railing ER4890	Railing				
Road Furi	-				
ER4900	Road Furniture				
PORTION					
Portion R					
	D Observation Guard Booth, Portion R				
D00210	Excavation + Blinding				
D00220	Raft Foundation				
D00230	Superstructure			1 	
	orks for Portion R				
Drainage					
AS0180	Initial Survey			[
Landscap					
A5170	Design and Procurement for Irrigation System	1			
A5180	Installation of Irrigation System				
A5190	All landscape Soft & Hard Works				

Γ	Actual Work	THREE MONTH ROLLING PROGRAMME	Date	Revis
	Remaining Work		30-Sep-16	3MRP updated as of 30 Sep. 20
	0	VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES	31-Oct-16	3MRP updated as of 30 Oct. 201
	Critical	Page 18 of 18	30-Nov-16	3MRP updated as of 30 Nov. 20
	♦ Milestone		-	



15	/2013/06		Detail Wo	<u> </u>							_						Page 1 o
y ID	Activity Name	Original Start Duration	Finish	Total Float	2 Q2	015 Q3	Q4	Q1	2016 Q2	Q3 Q4	Q1	2 Q2	017 Q3	Q4	2018 Q1 Q2 Q3	Q4	2019 Q1 (
Hong Kon	g-Zhuhai_Macao Bridge Hong Kong Boundary Crossir	1266 31-Jul-15 A	30-Jan-19	0		V								Q.T		QT	3 0-Jan
🖥 Key Date		901 31-Jul-15 A	30-Jan-18	0		+	_								🔻 30-Jan-18, Key Da	ates	
A1000	Acceptance of Contract	0 31-Jul-15 A					roentanre	of Contr	act, 31-Jul-	15Δ							
A1000	Commencement of Works	0 14-Aug-15*		0		1 1 1 1	1111	1 1 1	Works, 14	1 1 1 1 1							
A1010	Excision of Phase 2 (Section II & III)	365 14-Aug-15	12-Aug-16	0						Excision	of Phase	2 (Section	n &)				
A1120	KD1 (Phase 1 / Section I) (28 Kiosks)	0	24-Jul-17*	0		÷÷		• +					+	hase 1	/ Section I) (28 Kiosks		
A1120	KD2 (Phase 2 / Section II) (2 Kiosks)	0	02-Oct-17*	0									1 I I I I	1.1.1.	hase 2 / Section II) (2		
A1470	KD3 (Phase 2 / Section III) (2 Klosks)	0	30-Jan-18*	0									· · · · · ·	1 1 1	♦ KD3 (Phase 2 / Section 11) (2		2 Kineke)
Interface		430 14-Aug-15	16-Oct-16	128						16-	Oct-16.	nterface /	Activities				
		<u> </u>							Interfeed								
A6860	Interface Management Plan Submission between C6 and C1	212 14-Aug-15	12-Mar-16	154		÷			4 5 5 4	lanagement			+ + + +	4 5 5-			
A6865	Interface Management Plan between C6 and C1 reviewed by Engineer	14 13-Mar-16	26-Mar-16	154						Managemen							
A6870	Detailed Interface Document Submission between C6 and C1	30 27-Mar-16	25-Apr-16	154						ed Interface D				1 1 1			
A6875	Detailed Interface Document between C6 and C1 reviewed by Engineer	14 26-Apr-16	09-May-16	154					1 T 1 1			1 1 1		111	ved by Engineer		
A6880	Interface Management Plan Submission between C6 and C3	262 14-Aug-15	01-May-16	76						ace Managen							
A6885	Interface Management Plan between C6 and C3 reviewed by Engineer	14 02-May-16	15-May-16	76		÷.			4 5 5 4	4 4 5 4 - 7 4 -	! !			4 5 5-	/ed by Engineer		
A6890	Detailed Interface Document Submission between C6 and C3	30 16-May-16	14-Jun-16	76					1.1.1.1.1.	etailed Interfa			1 I I I I	1 I I			
A6895	Detailed Interface Document between C6 and C3 reviewed by Engineer	14 15-Jun-16	28-Jun-16	76											eviewed by Engineer		
A6900	Interface Management Plan Submission between C6 and C8	372 14-Aug-15	19-Aug-16	128							1 1 1			1 I I	en C6 and C8		
A6905	Interface Management Plan between C6 and C8 reviewed by Engineer	14 20-Aug-16	02-Sep-16	128											C8 reviewed by Engir	neer	
A6910	Detailed Interface Document Submission between C6 and C8	30 03-Sep-16	02-Oct-16	128		÷				1				. با بر با بر بر از	etween C6 and C8		
A 6915	Detailed Interface Document between C6 and C8 reviewed by Engineer	14 03-Oct-16	16-Oct-16	128						De De	tailed Inte	1 1 1		1 I I	6 and C8 reviewed by	Engineer	
Site and	Facility Inspection	424 26-Apr-16	23-Jun-17	586									23-Jun-17	, Site a	nd Facility Inspection		
🛑 A4730	Pre Site and Facility Inspection by Contractor at Location 1 - Deg1	7 26-Apr-16*	02-May-16	154					🛛 Pre S	ite and Facilit	y Inspect	ion by Co	ntractor at L	ocation	1 - Deg1		
🛑 A4740	Joint Site and Facility Inspection with Interface Contractor at Location 1 - Deg1	7 03-May-16	09-May-16	154					I Joint	Site and Fac	lity Inspe	ction with	Interface Co	ontracto	or at Location 1 - Deg1		
🔲 A4760	Pre Site and Facility Inspection by Contractor at Location 2 - Deg1	7 25-Jun-16*	01-Jul-16	94					d	Pre Site and	Facility Ir	spection	by Contracto	or at Lo	cation 2 - Deg1		
🔲 A4770	Joint Site and Facility Inspection with Interface Contractor at Location 2 - Deg1	7 02-Jul-16*	08-Jul-16	94					Þ	Joint Site an	d Faċility	Inspectio	n with Interfa	ce Con	tractor at Location 2 -	Deg1	
— A4772	Pre Site and Facility Inspection by Contractor at Location 2 - Deg2	7 14-Aug-16*	20-Aug-16	122						Pre Site	and Fac	ility Inspec	tion by Cont	tractor a	at Location 2 - Deg2		
🔲 A4774	Joint Site and Facility Inspection with Interface Contractor at Location 2 - Deg2	7 21-Aug-16	27-Aug-16	122						Joint Sit	e and Fa	cility Insp	ection with Ir	iterface	Contractor at Locatio	n 2 - Deg2	
a4775	Joint Site and Facility Inspection with Interface Contractor at Location 2 for Server	7 21-Aug-16*	27-Aug-16	122						Joint Sit	e and Fa	cility Insp	ection with Ir	iterface	Contractor at Locatio	n 2 for Ser	ver Install
🔲 A4780	Installation Pre Site and Facility Inspection by Contractor at Location 3 - Deg1	7 03-Sep-16*	00 Sop 16	87							to and Er		action by Co	ntracto	r at Location 3 - Deg1		
	Joint Site and Facility Inspection by Contractor at Location 3 - Deg1	7 03-Sep-16	-					·		++	+	- +	++		+ + +	+	
A4790A4800	Pre Site and Facility Inspection by Contractor at Location 3 - Deg Pre Site and Facility Inspection by Contractor at Location 3 - Deg2		16-Sep-16	87						JOINT			1 1 1 1		ce Contractor at Locat	-	
	Joint Site and Facility Inspection by Contractor at Location 3 - Deg2	7 31-Jan-17* 7 07-Feb-17	06-Feb-17 13-Feb-17	0								1 1 1	1 1 1 1	1 I I	h by Contractor at Loc		
A4810 A4820	Pre Site and Facility Inspection by Contractor at Location 3 - Deg2	7 03-Sep-16*	09-Sep-16	115										1 1 1	on with Interface Cont r at Location 3a - Deg		
A4820	Joint Site and Facility Inspection by Contractor at Location 3a - Deg1	7 10-Sep-16	16-Sep-16	115	1 1 1 1					1 1 1 1 1				1 1 1	ce Contractor at Locat		a 1
A4830	Pre Site and Facility Inspection by Contractor at Location 3a - Deg P	7 10-3ep-10 7 22-Nov-16*	28-Nov-16	70				+		+-		- +	+ +	i-	ontractor at Location 3	i+	91
A4040	Joint Site and Facility Inspection by Contractor at Location 3a - Deg2	7 22-Nov-16	05-Dec-16	70											Interface Contractor		3a - Ded2
A4851	Joint Site and Facility Inspection with Interface Contractor at Location 3a for Server Installation	7 29-Nov-16*	05-Dec-16	119						þ	1 1 1			1 1 1	Interface Contractor		
— A4860	Pre Site and Facility Inspection by Contractor at Location 4 - Deg1	7 11-Jan-17*	17-Jan-17	20							D Pre	Site and	Facility Insp	ection h	oy Contractor at Locati	on 4 - Dea	1
A4870	Joint Site and Facility Inspection with Interface Contractor at Location 4 - Deg1	7 18-Jan-17	24-Jan-17	20							i i i	i i i		i i i	with Interface Contra		i i i i
A4880	Pre Site and Facility Inspection by Contractor at Location 4 - Deg2	7 10-Jun-17*	16-Jun-17	586		+-+-+						- +	· + + +	fkk-	ity Inspection by Contr		<u>+</u>
A4890	Joint Site and Facility Inspection with Interface Contractor at Location 4 - Deg2	7 17-Jun-17	23-Jun-17	586										1 I I	cility Inspection with Int		
A4891	Pre Site and Facility Inspection by Contractor at Location 4 - Deg2	7 11-Jan-17*	17-Jan-17	41							Pro	i i i		i i i	by Contractor at Locati		i i i i
						i i l i		<u>; ; ; ;</u>	<u>; ; ; ; ;</u>	<u>; ; ; ; ; ;</u>							
gramme No.: H	ZMB-DWP Actual Level of Effort	Hono	Kong-Zhu	ihai-Ma	icao P	ridae								Date		Checked	Appr
Date: 14-Aug			•			•		_					14-No	v-16	Rev.: 0 Wo	С	LC
	Remaining Work		ig Kong Bo cilities - Au			•				T		-					

- Critical Remaining Work
- Milestone ٠
- summary



Contract No.: HY	//2013/06		Detail W	ork Progra	amme																	Page 2	2 of 1
ctivity ID	Activity Name	Original Start Duration	Finish	Total Float)15				2016)17				2018		20	019
		Duration		Fillal	Q2	Q3	Q4	Q1	Q2		Q3	Q4	Q		Q2	Q3	Q4			Q3		Q1	Q2
A4892	Joint Site and Facility Inspection with Interface Contractor at Location 4a - Deg1	7 18-Jan-17	24-Jan-17	41									0	Jpint S	ite an	d Facility	Inspe	ction with	n Interfac	e Contra	ictor at Loc	cation 4a -	Deg
😑 A4900	Pre Site and Facility Inspection by Contractor at Location 4a - Deg2	7 21-Apr-17*	27-Apr-17	0							<u>.</u>				Pre	Site and	Facili	ty Inspec	tion by C	ontracto	r at Locatio	on 4a - Deo	g2
😑 A4910	Joint Site and Facility Inspection with Interface Contractor at Location 4a - Deg2	7 28-Apr-17	04-May-17	0											Joi	nt Site ai	nd Fac	ility Insp	ection with	n Interfa	ce Contrac	ctor at Loca	ation
😑 A4920	Pre Site and Facility Inspection by Contractor at Location 5 - Deg1	7 15-Jun-16*	21-Jun-16	76						∎ P	re Site	and F	acility	Inspec	tion by	Contra	ctor at	Location	5 - Deg	1			
😑 A4930	Joint Site and Facility Inspection with Interface Contractor at Location 5 - Deg1	7 22-Jun-16	28-Jun-16	76						D J	Join't S	ite and	Facilit	y Inspe	ection	with Inte	rface (Contract	or at Loca	ation 5 -	Deg1		
🔲 A4940	Pre Site and Facility Inspection by Contractor at Location 5 - Deg2	7 02-Nov-16*	08-Nov-16	121								1 P	re Site	e and F	acility	Inspecti	on by	Contract	or at Loca	ation 5 -	Deg2		
🔲 A4950	Joint Site and Facility Inspection with Interface Contractor at Location 5 - Deg2	7 09-Nov-16	15-Nov-16	121								0.	JointS	ite and	Facili	ty Inspe	tion w	ith Interf	ace Cont	ractor a	Location 5	5 - Deg2	
🔲 A4960	Pre Site and Facility Inspection by Contractor at Location 6 - Deg1	7 03-Sep-16*	09-Sep-16	59							1	Pre Sit	eland	Facility	Inspe	ction by	Contr	actor at l	ocation 6	6 - Deg1			
🔲 A4970	Joint Site and Facility Inspection with Interface Contractor at Location 6 - Deg1	7 10-Sep-16	16-Sep-16	59							0	Joint S	Site an	d Facil	lity Ins	pection v	vith Int	erface C	ontractor	at Loca	tion 6 - De	g1	
🔲 A4980	Pre Site and Facility Inspection by Contractor at Location 6 - Deg2	7 23-Oct-16*	29-Oct-16	131								🛚 🛛 Pr	e Site	and Fa	acility	Inspectio	h by C	ontracto	r at Loca	tion 6 - I	Deg2		
🔲 A4990	Joint Site and Facility Inspection with Interface Contractor at Location 6 - Deg2	7 30-Oct-16	05-Nov-16	131								D Jo	oint Sit	te and	Facilit	v Inspect	ion wit	h Interfa	ce Contra	actor at	Location 6	- Deg2	
A5000	Pre Site and Facility Inspection by Contractor at Location 7 - Deg1	7 26-Apr-16*	02-May-16	126					0 P	re Si	te and	Facility	y Inspe	ection b	y Çor	tractor a	t Loca	tion 7 - I	Deg1				
A5010	Joint Site and Facility Inspection with Interface Contractor at Location 7 - Deg1	7 03-May-16	09-May-16	126					·		ii	ii i -							Location	7 - Deg	1		i i
A5020	Pre Site and Facility Inspection by Contractor at Location 8 - Deg1	7 03-Oct-16*	09-Oct-16	128							1 1	: : :	1 1		1 1	: : :	1 1 1		at Locatic				
A5030	Joint Site and Facility Inspection with Interface Contractor at Location 8 - Deg1	7 10-Oct-16	16-Oct-16	128										1 1	1 1	1 I I	1 1 1			1 1	cation 8 - I	Deg1	
A5040	Pre Site and Facility Inspection by Contractor at Location 8 - Deg2	7 02-May-17*	08-May-17	0											1 1-		1 1 1					ion 8 - Dec	a2
A5050	Joint Site and Facility Inspection with Interface Contractor at Location 8 - Deg2	7 09-May-17	15-May-17	0											i i .		i i i	- i i i	ii	i i .		actor at Loc	,
A5060	Pre Site and Facility Inspection by Contractor at Location 9 - Deg1	7 01-Jan-17*	07-Jan-17	64									P	re Site							on 9 - Deg		
A5070	Joint Site and Facility Inspection with Interface Contractor at Location 9 - Deg1	7 08-Jan-17	14-Jan-17	64										1 1	1 1		f 1 1			1 1		ation 9 - De	berd 1
A5080	Pre Site and Facility Inspection by Contractor at Location 9 - Deg2	7 21-May-17*	27-May-17	0											1 1	1 I I	1 1 1			1 1		ation 9 - D	1 1
A5090	Joint Site and Facility Inspection by Contractor at Escation 9 - Deg2	7 28-May-17	03-Jun-17	0											: :		1 1 1					ractor at L	1 7
	Pre Site and Facility Inspection by Contractor at Location 10 - Deg1	7 20-May-17 7 22-Nov-16*	28-Nov-16	30								n d		ito ond	i i .		1 1 1		ctor at Lo				-004
A5100												ii ÷ -	· - j j		-jj ·	r ri	-iii		iii		i		
A5110	Joint Site and Facility Inspection with Interface Contractor at Location 10 - Deg1	7 29-Nov-16	05-Dec-16	30									1.1	1 1	1 1		1 1 1			1 1	: : : :	110 - Deg1	
A5120	Pre Site and Facility Inspection by Contractor at Location 10 - Deg2	7 31-Jan-17*	06-Feb-17	40										1 1	1 1		1 1 1			1 1	ation 10 - I		
A5130	Joint Site and Facility Inspection with Interface Contractor at Location 10 - Deg2	7 07-Feb-17	13-Feb-17	40									1 1	1 1	: :					1 1		ocation 10	<u>ט</u> - נ
A5140	Pre Site and Facility Inspection by Contractor at Location 11 - Deg1	7 03-Sep-16*	09-Sep-16	70							1						1 1 1		ocation				
A5150	Joint Site and Facility Inspection with Interface Contractor at Location 11 - Deg1	7 10-Sep-16	16-Sep-16	70																	tion 11 - D	÷g1	1
a A5160	Pre Site and Facility Inspection by Contractor at Location 11 - Deg2	7 22-Nov-16*	28-Nov-16	140								: : :	1.1	1 1	1 1		1 1 1		ctor at Lo	1 1	i i i		
A5170	Joint Site and Facility Inspection with Interface Contractor at Location 11 - Deg2	7 29-Nov-16	05-Dec-16	140																1 1		11 - Deg2	2
— A5180	Pre Site and Facility Inspection by Contractor at Location 12 - Deg1	7 03-Sep-16*	09-Sep-16	0							1 1	: : :							_ocation				
A5190	Joint Site and Facility Inspection with Interface Contractor at Location 12 - Deg1	7 10-Sep-16	16-Sep-16	0									- i - i -	1	1 I I		i i i				tion 12 - D	eg1	
A5200	Pre Site and Facility Inspection by Contractor at Location 12 - Deg2	7 22-Nov-16*	28-Nov-16	33															ctor at Lo				(
A 5210	Joint Site and Facility Inspection with Interface Contractor at Location 12 - Deg2	7 29-Nov-16	05-Dec-16	33								: : :	1 1	1 1	1 1	1 1 1	1 1 1			1.1	: : : :	12 - Deg2	2
A5220	Pre Site and Facility Inspection by Contractor at Location 13 - Deg1	7 22-Nov-16*	28-Nov-16	0									i i	i i	i i .		i i i		ctor at Lo	- i - i			
😑 A5230	Joint Site and Facility Inspection with Interface Contractor at Location 13 - Deg1	7 29-Nov-16	05-Dec-16	0									Joint	Site ar	nd Fac	ility Insp	ection	with Inte	rface Co	ntractor	at Location	13 - Deg1	1
🔲 A5240	Pre Site and Facility Inspection by Contractor at Location 13 - Deg2	7 31-Jan-17*	06-Feb-17	0										Pre S	Site an	d Facility	Inspe	ction by	Contracto	or at Loc	ation 13 - I	Deg2	
— A5250	Joint Site and Facility Inspection with Interface Contractor at Location 13 - Deg2	7 07-Feb-17	13-Feb-17	0										Joint	Site a	nd Facil	ity Insp	ection w	ithInterf	ice Con	ractor at L	ocation 13	3 - D
🔲 A5260	Pre Site and Facility Inspection by Contractor at Location 14 - Deg1	7 01-Apr-17*	07-Apr-17	68										D	Pre S	ite and F	acility	Inspectio	on by Cor	tractor	at Location	14 - Deg1	1
— A5270	Joint Site and Facility Inspection with Interface Contractor at Location 14 - Deg1	7 08-Apr-17	14-Apr-17	68										0	Joint	Site and	Facili	y Inspec	tion with I	nterface	Contracto	or at Locati	ion 1
🛑 A5300	Pre Site and Facility Inspection by Contractor at Location 15 - Deg1	7 03-Sep-16*	09-Sep-16	206							10	Pre Sit	eand	Facility	Inspe	ction by	Contr	actor at l	ocation	15 - Deg	1		
— A5310	Joint Site and Facility Inspection with Interface Contractor at Location 15 - Deg1	7 10-Sep-16	16-Sep-16	206							0	Joint S	Site an	d Facil	lity Ins	pection v	vith Int	erface C	ontractor	at Loca	tion 15 - D	eg1	
🛑 A5320	Pre Site and Facility Inspection by Contractor at Location 15 - Deg2	7 22-Nov-16*	28-Nov-16	140								Ū	PreS	ite and	Facili	ty Inspe	tion b	y Contra	ctor at Lo	cation 1	5 - Deg2		
😑 A5330	Joint Site and Facility Inspection with Interface Contractor at Location 15 - Deg2	7 29-Nov-16	05-Dec-16	140								D	Joint	Site ar	nd Fac	ility Insp	ection	with Inte	rface Co	ntractor	at Location	n 15 - Deg2	j 2
🔲 A5340	Pre Site and Facility Inspection by Contractor at Location 16 - Deg1	7 03-Sep-16*	09-Sep-16	227							D	Pre Sit	eand	Facility	, Inspe	ction by	Contr	actor at l	ocation	16 - Deg	1		
🔲 A5350	Joint Site and Facility Inspection with Interface Contractor at Location 16 - Deg1	7 10-Sep-16	16-Sep-16	227							: : <mark>n</mark>	Idint S	Site an	d Facil	itv Ins	bection v	vith Int	erface C	ontractor	at Loca	tion 16 - D	eg1	

- Actual Level of Effort Actual Work Remaining Work Critical Remaining Work
- Milestonesummary



Date	Revision	Checked	Approved
Nov-16	Rev.: 0	WC	LC

A5360 Pre A5370 Joir A5375 Pre A5378 Joir A5378 Joir A5378 Joir A5378 Joir A5380 Pre A5390 Joir A5395 Pre A5396 Joir A5400 Pre A5410 Joir A5420 Pre A5430 Joir	ivity Name Site and Facility Inspection by Contractor at Location 16 - Deg2 The Site and Facility Inspection with Interface Contractor at Location 16 - Deg2 Site and Facility Inspection by Contractor at Location 17 - Deg1 The Site and Facility Inspection with Interface Contractor at Location 17 - Deg1 The Site and Facility Inspection by Contractor at Location 17 - Deg1 The Site and Facility Inspection by Contractor at Location 17 - Deg2 The Site and Facility Inspection with Interface Contractor at Location 17 - Deg2 The Site and Facility Inspection with Interface Contractor at Location 17 - Deg2 The Site and Facility Inspection by Contractor at Location 18 - Deg1 The Site and Facility Inspection with Interface Contractor at Location 18 - Deg1 The Site and Facility Inspection by Contractor at Location 18 - Deg1 The Site and Facility Inspection with Interface Contractor at Location 18 - Deg1 The Site and Facility Inspection with Interface Contractor at Location 18 - Deg1 The Site and Facility Inspection with Interface Contractor at Location 18 - Deg1 The Site and Facility Inspection with Interface Contractor at Location 18 - Deg1 The Site and Facility Inspection with Interface Contractor at Location 18 - Deg2 The Site and Facility Inspection with Interface Contractor at Location 18 - Deg2 The Site and Facility Inspection with Interface Contractor at Location 18 - Deg2 The Site and Facility Inspection with Interface Contractor at Location 18 - Deg2 The Site and Facility Inspection with Interface Contractor at Location 18 - Deg2 The Site and Facility Inspection with Interface Contractor at Location 18 - Deg2 The Site and Facility Inspection with Interface Contractor at Location 18 - Deg2 The Site and Facility Inspection with Interface Contractor at Location 18 - Deg2 The Site and Facility Inspection with Interface Contractor at Location 18 - Deg2 The Site and Facility Inspection with Interface Contractor at Location 18 - Deg2 The Site and Facility Inspection with Interface Contractor at L	7 7 7 7 7 7 7 7 7 7 7	Start 22-Nov-16* 29-Nov-16 17-Nov-16* 24-Nov-16* 31-Jan-17* 07-Feb-17 24-May-17* 31-May-17	Finish 28-Nov-16 05-Dec-16 23-Nov-16 30-Nov-16 06-Feb-17 13-Feb-17 30-May-17	Total Float 161 161 145 145 77	20 Q2	015 Q3	3 Q	4 Q	21	2010 Q2	6 Q3		Q1 Pre Site a	Q2 and Fac	cility Insp acility In	pection		Q1 ontract	Q2 or at Loo		16 - Deg2	Q1	2019 Q2
 A5370 Joir A5375 Pre A5378 Joir A5380 Pre A5390 Joir A5395 Pre A5396 Joir A5400 Pre A5410 Joir A5420 Pre A5430 Joir 	Int Site and Facility Inspection with Interface Contractor at Location 16 - Deg2 e Site and Facility Inspection by Contractor at Location 17 - Deg1 int Site and Facility Inspection with Interface Contractor at Location 17 - Deg1 e Site and Facility Inspection by Contractor at Location 17 - Deg2 int Site and Facility Inspection with Interface Contractor at Location 17 - Deg2 e Site and Facility Inspection with Interface Contractor at Location 17 - Deg2 e Site and Facility Inspection by Contractor at Location 18 - Deg1 int Site and Facility Inspection with Interface Contractor at Location 18 - Deg1 e Site and Facility Inspection with Interface Contractor at Location 18 - Deg1 e Site and Facility Inspection by Contractor at Location 18 - Deg2 int Site and Facility Inspection by Contractor at Location 18 - Deg2 int Site and Facility Inspection with Interface Contractor at Location 18 - Deg2 int Site and Facility Inspection with Interface Contractor at Location 18 - Deg2	7 7 7 7 7 7 7 7 7 7 7 7 7	29-Nov-16 17-Nov-16* 24-Nov-16* 31-Jan-17* 07-Feb-17 24-May-17*	05-Dec-16 23-Nov-16 30-Nov-16 06-Feb-17 13-Feb-17	161 161 145 145	Q2	Q3	3 Q4	4 Q	21	Q2	Q3	D F		and Fac	cility Insp acility In	pection	n by Co		or at Loo	ation	16 - Deg2		Qź
A5370 Joir A5375 Pre A5375 Pre A5378 Joir A5380 Pre A5390 Joir A5395 Pre A5396 Joir A5400 Pre A5410 Joir A5420 Pre	Int Site and Facility Inspection with Interface Contractor at Location 16 - Deg2 e Site and Facility Inspection by Contractor at Location 17 - Deg1 int Site and Facility Inspection with Interface Contractor at Location 17 - Deg1 e Site and Facility Inspection by Contractor at Location 17 - Deg2 int Site and Facility Inspection with Interface Contractor at Location 17 - Deg2 e Site and Facility Inspection with Interface Contractor at Location 17 - Deg2 e Site and Facility Inspection by Contractor at Location 18 - Deg1 int Site and Facility Inspection with Interface Contractor at Location 18 - Deg1 e Site and Facility Inspection with Interface Contractor at Location 18 - Deg1 e Site and Facility Inspection by Contractor at Location 18 - Deg2 int Site and Facility Inspection by Contractor at Location 18 - Deg2 int Site and Facility Inspection with Interface Contractor at Location 18 - Deg2 int Site and Facility Inspection with Interface Contractor at Location 18 - Deg2	7 7 7 7 7 7 7 7 7 7 7	29-Nov-16 17-Nov-16* 24-Nov-16* 31-Jan-17* 07-Feb-17 24-May-17*	05-Dec-16 23-Nov-16 30-Nov-16 06-Feb-17 13-Feb-17	161 145 145									re¦Site a		acility In	5 I I I		ontract	1 1 1			16 - De	
A5375 Pre A5378 Joir A5378 Joir A5380 Pre A5390 Joir A5395 Pre A5396 Joir A5400 Pre A5410 Joir A5420 Pre A5430 Joir	e Site and Facility Inspection by Contractor at Location 17 - Deg1 Int Site and Facility Inspection with Interface Contractor at Location 17 - Deg1 e Site and Facility Inspection by Contractor at Location 17 - Deg2 Int Site and Facility Inspection with Interface Contractor at Location 17 - Deg2 e Site and Facility Inspection by Contractor at Location 18 - Deg1 Int Site and Facility Inspection with Interface Contractor at Location 18 - Deg1 e Site and Facility Inspection with Interface Contractor at Location 18 - Deg1 e Site and Facility Inspection by Contractor at Location 18 - Deg1 e Site and Facility Inspection by Contractor at Location 18 - Deg2 mt Site and Facility Inspection with Interface Contractor at Location 18 - Deg2 Int Site and Facility Inspection with Interface Contractor at Location 18 - Deg2	7 7 7 7 7 7 7 7 7	17-Nov-16* 24-Nov-16* 31-Jan-17* 07-Feb-17 24-May-17*	23-Nov-16 30-Nov-16 06-Feb-17 13-Feb-17	145 145				1 1 1	1 1		1 1			and F	+	ispecti	3 Look		ace Con	tractor	cht ladatio	1 [:] 16 [:] - De	
A5378 Joir A5380 Pre A5380 Joir A5390 Joir A5395 Pre A5396 Joir A5400 Pre A5410 Joir A5420 Pre A5430 Joir	nt Site and Facility Inspection with Interface Contractor at Location 17 - Deg1 e Site and Facility Inspection by Contractor at Location 17 - Deg2 nt Site and Facility Inspection with Interface Contractor at Location 17 - Deg2 e Site and Facility Inspection by Contractor at Location 18 - Deg1 nt Site and Facility Inspection with Interface Contractor at Location 18 - Deg1 e Site and Facility Inspection with Interface Contractor at Location 18 - Deg1 e Site and Facility Inspection by Contractor at Location 18 - Deg1 e Site and Facility Inspection by Contractor at Location 18 - Deg2 nt Site and Facility Inspection with Interface Contractor at Location 18 - Deg2 nt Site and Facility Inspection with Interface Contractor at Location 18 - Deg2	7 7 7 7 7 7 7	24-Nov-16* 31-Jan-17* 07-Feb-17 24-May-17*	30-Nov-16 06-Feb-17 13-Feb-17	145		1 I I I							Joint Site	+	and the second		onwith	Interf					2g2
A5380 Pre A5390 Joir A5395 Pre A5396 Joir A5396 Joir A5400 Pre A5410 Joir A5420 Pre A5430 Joir	e Site and Facility Inspection by Contractor at Location 17 - Deg2 Int Site and Facility Inspection with Interface Contractor at Location 17 - Deg2 e Site and Facility Inspection by Contractor at Location 18 - Deg1 Int Site and Facility Inspection with Interface Contractor at Location 18 - Deg1 e Site and Facility Inspection by Contractor at Location 18 - Deg2 is site and Facility Inspection by Contractor at Location 18 - Deg2 Int Site and Facility Inspection with Interface Contractor at Location 18 - Deg2 Int Site and Facility Inspection with Interface Contractor at Location 18 - Deg2	7 7 7 7 7 7	31-Jan-17* 07-Feb-17 24-May-17*	06-Feb-17 13-Feb-17									0 P	re Site a	nd Fac	cility insp	ection	by Co	ntracto	or at Loc	ation 1	17 - Deg1		
A5390 Joir A5395 Pre A5396 Joir A5396 Joir A5400 Pre A5410 Joir A5420 Pre A5430 Joir	nt Site and Facility Inspection with Interface Contractor at Location 17 - Deg2 e Site and Facility Inspection by Contractor at Location 18 - Deg1 nt Site and Facility Inspection with Interface Contractor at Location 18 - Deg1 e Site and Facility Inspection by Contractor at Location 18 - Deg2 nt Site and Facility Inspection with Interface Contractor at Location 18 - Deg2	7 7 7 7 7	07-Feb-17 24-May-17*	13-Feb-17	77								q .	oint Site	and Fa	acility In	spectic	on with	Interfa	ice Cont	tractor	at Location	17 - Deg	.g1
A5395 Pre A5396 Joir A5400 Pre A5410 Joir A5410 Joir A5420 Pre A5430 Joir	e Site and Facility Inspection by Contractor at Location 18 - Deg1 nt Site and Facility Inspection with Interface Contractor at Location 18 - Deg1 e Site and Facility Inspection by Contractor at Location 18 - Deg2 nt Site and Facility Inspection with Interface Contractor at Location 18 - Deg2	7 7 7	24-May-17*											🛛 Pre	e Site a	and Faci	ility Ins	pection	ı by C	ontracto	rat Ļo	cation 17 -	Deg2	
A5396 Joir A5400 Pre A5410 Joir A5410 Joir A5420 Pre A5430 Joir	nt Site and Facility Inspection with Interface Contractor at Location 18 - Deg1 e Site and Facility Inspection by Contractor at Location 18 - Deg2 nt Site and Facility Inspection with Interface Contractor at Location 18 - Deg2	7	-	20 May 17	77		11							🛛 Jo	int Site	and Fa	acility li	nspecti	on with	Interfa	ce Cor	ntractor at L	ocation 1	17 - D
A5400 Pre A5410 Joir A5420 Pre A5430 Joir	e Site and Facility Inspection by Contractor at Location 18 - Deg2 nt Site and Facility Inspection with Interface Contractor at Location 18 - Deg2	7	31-May-17	30-111ay-17	7										l I	Pre Sit	te and	Facility	/ Inspe	ction by	Contra	actor at Loc	ation 18	- Deg
A5410 Joir A5420 Pre A5430 Joir	nt Site and Facility Inspection with Interface Contractor at Location 18 - Deg2			06-Jun-17	7		1 1 - 1								0	Joint S	Site ar	id Faci	lity Ins	bection v	vith lint	erface Con	tractorat	it Loca
A5420 Pre A5430 Joir			31-May-17*	06-Jun-17	7											Pre S	ite and	d Facilit	y Insp	ection by	/ Cont	ractor at Lo	cation 18	3 - De
A5430 Joir	Cite and Equility Inspection by Contractor at Leastics 40. Dead	7	07-Jun-17	13-Jun-17	7										1	Joint	Site a	hd Fac	ility Ins	pection	with In	terface Cor	ntractor a	atLoc
A5430 Joir	e Site and Facility Inspection by Contractor at Location 19 - Deg1	7	31-Jan-17*	06-Feb-17	0									Pre	e Site a	and Faci	ility Ins	spectior	ı by C	ontracto	r at Lo	cation 19 -	Deq1	
	nt Site and Facility Inspection with Interface Contractor at Location 19 - Deg1		07-Feb-17	13-Feb-17	0										1 1 1		1 1 1	<u>(</u>)		1 1 1	1.1	ntractor at L		19 - D
	e Site and Facility Inspection by Contractor at Location 19 - Deg2		31-Jan-17*	06-Feb-17	35										+	+						cation 19 -		
	nt Site and Facility Inspection with Interface Contractor at Location 19 - Deg2		07-Feb-17	13-Feb-17	35										: : :		1 1 1	£ 3 3	1.1	1 1 1	1.1	ntractor at L		19 ₋ Г
	e Site and Facility Inspection by Contractor at Inbound Vehicle Clearance Plaza		31-Jan-17*	06-Feb-17	0										1 1 1		1 1 1	1 1 1	1 1	1 1 1	1 1	oound Vehic	1 1 1	
	nt Site and Facility Inspection with Interface Contractor at Inbound Vehicle		07-Feb-17	13-Feb-17	0										1 1 1		1 1 1	f 1 1	11	1 1 1	1 1		1 1 1	11
Cle	earance Plaza				0										: : :							ntractor at l		
	e Site and Facility Inspection by Contractor at Outbound Vehicle Clearance Plaza		03-Mar-17*	09-Mar-17	1										i					. j j j.		Outbound '		- 4 4.
	nt Site and Facility Inspection with Interface Contractor at Outbound Vehicle earance Plaza		10-Mar-17	16-Mar-17	1									٥							rface (Contractor a	at Outbou	und V
Access Dates		410	10-May-16	24-Jun-17	586											🔻 24-J	Jun-17	, Acces	s Date	Ş				
A1070 Loc	cation 1(PCB (001) Basement)-Deg1 (270d)	0	10-May-16*		154							ation 1(PCB (00	1) Basen	nent)-E	Deg1 (2	70d),	10-May	/-16*					
A1081 Loc	cation 1(PCB (001) ELV Room (Grid Line E3))-Deg1 (270d)	0	10-May-16*		154		11				♦ Loca	ation 1(PCB (00	1) ELV R	koom (Grid Line	ie E3))	-Deg1	(270d	, 10-Ma	ıv-16'*			
	cation 2(PCB (001) First Floor Main Server Room)-Deg1 (330d)		09-Jul-16*		94						i i i		ion 2(PC		i i i		1 1 1			i i i		-Jul-16*		
	cation 2(PCB (001) First Floor Main Server Room)-Deg2 (380d)		28-Aug-16*		122		÷								1		لا د با د با د				- 61 - 6 -	l), 28-Aug-1	6*	
	cation 2(PCB (001) First Floor Main Server Room) - For Server Installation		28-Aug-16*		122										1 1 1		1 1 1	1 I I		i 1 1	1 1	Installation	1 I I	
	cation 2(PCB (001) Ground Floor ELV Room (Grid Line E3)) - Deg1 (330d)		09-Jul-16*		94												1 1 1		1 1	1 1 1		(330d), 09		,
	cation 2(PCB (001) Ground Floor DOH Port Health Control Room (Grid Line		09-Jul-16*		94						i i i	- i - i -	i i li	i i i í	i i i	- i i i	i i i	i i N	- i - i -	i 171	Ĩ	Grid Line BD	i i i	ן ¦ מ'1 (מ
BD	5)) - Dèg1 (330d)										·													
BD	cation 2(PCB (001) Ground Floor DOH Port Health Control Room (Grid Line (5)) - Deg2 (380d)		28-Aug-16*		133									`	ļ. ļ. ļ.					ļ. ļ. ļ.		om (Grid Lir		-'De
	cation 3(Inbd Cargo Exam Bldg (037) MDF Room)-Deg1 (400d)		17-Sep-16*		87							- i - i -	i i i -		: : • :		: ~ ` :	i i i	- i - i -	1 11 15		0d), 17-Sep		
	cation 3(Inbd Cargo Exam Bldg (037) ELV Room)-Deg1 (400d)		17-Sep-16*		87												1 7 1		1 1	111		d), 17-Sep-	1 1 1	
	cation 3(Inbd Cargo Exam Bldg (037) Platform Control Room)-Deg1 (400d)		17-Sep-16*		115							•	Locatio	L É L L			1 1 1			1 1 1)-Deg1 (40	1 1 1	1.1
	cation 3(Inbd Cargo Exam Bldg (037) Platform Control Room)-Deg2 (500d)		14-Feb-17*		0															1 1 1	- i - i -	Control Roo		
128	cation 3(Inbd Cargo Exam Bldg (037) Inspector Offices 8,129,130,131,128,129,140,141)-Deg1 (400d)		17-Sep-16*		115			ļ				•	Locatio]				29,130,131		
128	cation 3(Inbd Cargo Exam Bldg (037) Inspector Offices 8,129,130,131,128,129,140,141)-Deg2 (500d)		14-Feb-17*		0										: : :							Offices 128),131
	cation 3a(Inbd Cargo Exam Bldg ROCARS Room)-Deg1 (-)		17-Sep-16*		115							•			1 1 7				1 1			17-Sep-16*	1 1 1	
	cation 3a(Inbd Cargo Exam Bldg ROCARS Room)-Deg2 (480d)		06-Dec-16*		70										1 1 1					1 1 1	1.1	g2 (480d),		16* ¦
	cation 3a(Inbd Cargo Exam Bldg Main Server Room)-Deg1 (-)		17-Sep-16*		115							•			1 1 7		1 1 1				10 11), 17-Sep-1		
	cation 3a(Inbd Cargo Exam Bldg Main Server Room)-Deg2 (480d)	0	06-Dec-16*		119									Location	3a(Inb	od Cargo	o Exar	n Bldg	Main S	erver R	oom)-	Deg2 (4800	l), 06-De	ec-16
🔲 A1142 Loc	cation 3a(Inbd Cargo Exam Bldg Main Server Room) - For Server installation	0	06-Dec-16*		119								•	Location	3a(Inb	od Cargo	o Exar	n Bldg	Main S	erver R	oom)	- For Serve	r installat	tion,
😑 A1150 Loc	cation 4(Outbd Cargo Exam Bldg (023))-Deg1 (530d)	0	25-Jan-17*		20									♦ Loca	ation 4((Outbd 0	Cargo	Exam	Bldg ()23))-De	eg1 (5	30d), 25-Ja	n-17*	
🔲 A1160 Loc	cation 4(Outbd Cargo Exam Bldg (023))-Deg2 (680d)	0	24-Jun-17*		586											♦ Loca	ation 4	(Outbd	Carg	Exam I	Bldg (0	023))-Deg2	(680d), 2	24-Ji
😑 A1161 Loc	cation 4a(Outbd Cargo Exam Bldg (023))-Deg1 (-)	0	25-Jan-17*		41									♦ Loca	ation 4a	a(Outbd	l Carg	o Exan	n Bldg	(023))-E	Deg1 (-), 25-Jan-1	7*	

Data Date: 14-Aug-15

- Actual Work Remaining Work
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ame	Original Duration	Start	Finish	Total Float		015				2016				2017	2018		2019
		05 Marc 17*			Q2	Q3	Q4	Q1	1	Q2	Q3	Q4	Q1	Q2 Q3 Q4	Q1 Q2 Q3		Q1 Q
4a(Outbd Cargo Exam Bldg (023))-Deg2 (630d)		05-May-17*		0 76										_ # #	Cargo Exam Bldg (023))-D), 05-May-
5(Common Utility Enclosure & Staff Subway)-Deg1 (320d)		29-Jun-16* 16-Nov-16*													way)-Deg1 (320d), 29-Jun		1/2*
5(Common Utility Enclosure & Staff Subway)-Deg2 (-)				121							1 1 1				e & Staff Subway)-Deg2 (-	ſ <u>ŀ ŀ</u> ŀ	1 1 1 1
6(Common Utility Enclosure & Staff Subway)-Deg1 (400d)		17-Sep-16*		59							i i i	iii	1		taff Subway)-Deg1 (400d),		
6(Common Utility Enclosure & Staff Subway)-Deg2 (-)	-	06-Nov-16*		131								: : :			& Staff Subway)-Deg2 (-)		0
7(Common Utility Enclosure & Staff Subway)-Deg1 (270d)		10-May-16*		126							i . îi	i i)-Deg1 (270d), 10-May-16*		
8(Inbd Private Car Annex (025))-Deg1 (430d)		17-Oct-16*		128							•	Loca	tion 8(II		5))-Deg1 (430d), 17-Oct-1		
8(Inbd Private Car Annex (025))-Deg2 (580d)		16-May-17*		0											ivate Car Annex (025))-De		
8(Inbd Private Car Annex (025) Canopy)-Deg1 (430d)		17-Oct-16*		128							•	Loca	tion 8(Ii		5) Canopy)-Deg1 (430d), 1	i i i i	
8(Inbd Private Car Annex (025) Canopy)-Deg2 (580d)		16-May-17*		625											ivate Car Anhex (025) Can		
9(Outbd Private Car Annex (032))-Deg1 (520d)	0	15-Jan-17*		64					ļ., ļ.,				♦ Loc	_ # # L	Annex (032))-Deg1 (520d)		
9(Outbd Private Car Annex (032))-Deg2 (660d)	0	04-Jun-17*		0											l Private Çar Annex (032))-		
9(Outbd Private Car Annex (032) Canopy)-Deg1 (520d)	0	15-Jan-17*		64									♦ Loc	ation 9(Outbd Private Car	Annex (032) Canopy)-Deg	1 (520d), 1	5-Jan-17
9(Outbd Private Car Annex (032) Canopy)-Deg2 (660d)	0	04-Jun-17*		606										Location 9(Outbo Location 9)	l Private Car Annex (032) (Canopy)-De	eg2 (660¢
10(Shuttle Bus Kiosks (006))-Deg1 (480d)	0	06-Dec-16*		30								•	Locatio	n 10(Shuttle Bus Kiosks (0	06))-Deg1 (480d), 06-Dec	-16*	
10(Shuttle Bus Kiosks (006))-Deg2 (550d)	0	14-Feb-17*		40									♦L	ocation 10(Shuttle Bus Kic	osks (006))-Deg2 (550d), 1	4-Feb-17*	
10(Shuttle Bus Kiosks (006) Canopy)-Deg1 (480d)	0	06-Dec-16*		70								•	Locatio	n 10 (Shuttle Bus Kiosks (0	06) Canopy)-Deg1 (480d),	06-Dec-16	3*
10(Shuttle Bus Kiosks (006) Canopy)-Deg2 (550d)	0	14-Feb-17*		716									♦L	ocation 10(Shuttle Bus Kid	osks (006) Canopy)-Deg2 (550d), 14-I	Feb-17*
11(Outbd Coach Kiosks (009))-Deg1 (400d)	0	17-Sep-16*		190							♦ Lo	catior	n 11(Qu	tbd Coach Kiosks (009))-D	Deg1 (400d), 17-Sep-16*		
11(Outbd Coach Kiosks (009))-Deg2 (480d)	0	06-Dec-16*		140								•	Locatio	n 11(Outbd Coach Kiosks ((009))-Deg2 (480d), 06-De	c-16*	
11(Outbd Coach Kiosks (009) Canopy)-Deg1 (400d)	0	17-Sep-16*		190							♦ Lo	catior	h 11(Ou	tbd Coach Kiosks (009) C	anopy)-Deg1 (400d), 17-Se	ep-16*	
11(Outbd Coach Kiosks (009) Canopy)-Deg2 (480d)	0	06-Dec-16*		786								•	Locatio	n 11 (Outbd Coach Kiosks ((009) Canopy)-Deg2 (480d), 06-Dec-	16*
11(Inbd Coach Kiosks (010))-Deg1 (400d)	0	17-Sep-16*		70							♦ Lo	: : :		d Coach Kiosks (010))-De			
11(Inbd Coach Kiosks (010))-Deg2 (480d)	0	06-Dec-16*		198		11									10))-Deg2 (480d), 06-Dec-	16*	
11(Inbd Coach Kiosks (010) Canopy)-Deg1 (400d)		17-Sep-16*		220							♦ La		i i		nopy)-Deg1 (400d), 17-Sep	i i i i	
11(Inbd Coach Kiosks (010) Canopy)-Deg2 (480d)		06-Dec-16*		786		11						: : :			10) Canopy)-Deg2 (480d)		6*
12(Inbd Private Car Kiosks(027))-Deg1 (400d)		17-Sep-16*		24									!! -	- + + +)-Deg1 (400d), 17-Sep-16	4 4 1	
12(Inbd Private Car Kiosks(027))-Deg2 (480d)		06-Dec-16*		33								: : :			ks(027))-Deg2 (480d), 06-		
12(Inbd Private Car Kiosks(027) Canopy)-Deg1 (400d)		17-Sep-16*		24											Canopy)-Deg1 (400d), 17		
12(Inbd Private Car Kiosks(027) Canopy)-Deg2 (400d)		06-Dec-16*		786									1 1		ks(027) Canopy)-Deg2 (48		ob 16*
12(Inbd GV Kiosks (028))-Deg1 (400d)		17-Sep-16*		700											- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	100), 00-De	- IO
		•		70								+		d GV Kiosks (028))-Deg1		 LLLL * ' ' '	
12(Inbd GV Kiosks (028))-Deg2 (480d)		06-Dec-16*		78)-Deg2 (480d), 06-Dec-16		
12(Inbd GV Kiosks (028) Canopy)-Deg1 (400d)		17-Sep-16*		0								: : :			y)-Deg1 (400d), 17-Sep-16		
12(Inbd GV Kiosks (028) Canopy)-Deg2 (480d)		06-Dec-16*		786											Canopy)-Deg2 (480d), 06	-Dec-16*	
12(Outbd GV Kiosks (029))-Deg1 (400d)		17-Sep-16*		48							◆ Lo	: : :		itbd GV Kiosks (029))-Deg			
12(Outbd GV Kiosks (029))-Deg2 (480d)		06-Dec-16*		33											9))-Deg2 (480d), 06-Dec-1	L L I J	
12(Outbd GV Kiosks (029) Canopy)-Deg1 (400d)		17-Sep-16*		48							◆ Lo	i i i	i i		opy)-Deg1 (400d), 17-Sep-		
12(Outbd GV Kiosks (029) Canopy)-Deg2 (480d)	0	06-Dec-16*		786											9) Canopy)-Deg2 (480d), 0		
13(Outbd Private Car Kiosks (030))-Deg1 (480d)		06-Dec-16*		0									Locatio	n 13(Outbd Private Car Ki	osks (030))-Deg1 (480d), 0	6-Dec-16*	
13(Outbd Private Car Kiosks (030))-Deg2 (550d)	0	14-Feb-17		0											Car Kiosks (030))-Deg2 (5		
13(Outbd Private Car Kiosks (030) Canopy)-Deg1 (480d)	0	06-Dec-16*		0			· · · · ·						Locatio	n 13(Outbd Private Car Ki	osks (030) Canopy)-Deg1 (480d), 06-	Dec-16*
13(Outbd Private Car Kiosks (030) Canopy)-Deg2 (550d)	0	14-Feb-17*		716									♦L	ocation 13(Outbd Private	Car Kiosks (030) Canopy)-l	Deg2 (5500	d), 14-Fe
14(Future-Outbd/Inbd Private Car Kiosks)-Deg1 (610d)	0	15-Apr-17*		68										◆ Location 14(Future+C	outbd/Inbd Private Car Kios	ks)-Deg1 (6	610d), 15
15(Inbd Traffic Control Kiosk (100))-Deg1 (400d)	0	17-Sep-16*		206							♦ Lo	catior	n 15(Int	d Traffic Control Kiosk (10	00))-Deg1 (400d), 17-Sep-	16*	
15(Inbd Traffic Control Kiosk (100))-Deg2 (480d)	0	06-Dec-16*		140								•	Locatio	n 15(Inbd Traffic Control K	iosk (100))-Deg2 (480d), 0	6-Dec-16*	
14(Future-Outbd/Inbo 15(Inbd Traffic Contro	d Private Car Kiosks)-Deg1 (610d) ol Kiosk (100))-Deg1 (400d) ol Kiosk (100))-Deg2 (480d)	d Private Car Kiosks)-Deg1 (610d) 0 ol Kiosk (100))-Deg1 (400d) 0 ol Kiosk (100))-Deg2 (480d) 0	d Private Car Kiosks)-Deg1 (610d) 0 15-Apr-17* ol Kiosk (100))-Deg1 (400d) 0 17-Sep-16* ol Kiosk (100))-Deg2 (480d) 0 06-Dec-16*	d Private Car Kiosks)-Deg1 (610d) 0 15-Apr-17* ol Kiosk (100))-Deg1 (400d) 0 17-Sep-16* ol Kiosk (100))-Deg2 (480d) 0 06-Dec-16*	d Private Car Kiosks)-Deg1 (610d) 0 15-Apr-17* 68 ol Kiosk (100))-Deg1 (400d) 0 17-Sep-16* 206 ol Kiosk (100))-Deg2 (480d) 0 06-Dec-16* 140	d Private Car Kiosks)-Deg1 (610d) 0 15-Apr-17* 68 ol Kiosk (100))-Deg1 (400d) 0 17-Sep-16* 206 ol Kiosk (100))-Deg2 (480d) 0 06-Dec-16* 140	d Private Car Kiosks)-Deg1 (610d) 0 15-Apr-17* 68 ol Kiosk (100))-Deg1 (400d) 0 17-Sep-16* 206 ol Kiosk (100))-Deg2 (480d) 0 06-Dec-16* 140	d Private Car Kiosks)-Deg1 (610d) 0 15-Apr-17* 68 ol Kiosk (100))-Deg1 (400d) 0 17-Sep-16* 206 ol Kiosk (100))-Deg2 (480d) 0 06-Dec-16* 140	d Private Car Kiosks)-Deg1 (610d) 0 15-Apr-17* 68 ol Kiosk (100))-Deg1 (400d) 0 17-Sep-16* 206 ol Kiosk (100))-Deg2 (480d) 0 06-Dec-16* 140	d Private Car Kiosks)-Deg1 (610d) 0 15-Apr-17* 68 ol Kiosk (100))-Deg1 (400d) 0 17-Sep-16* 206 ol Kiosk (100))-Deg2 (480d) 0 06-Dec-16* 140	d Private Car Kiosks)-Deg1 (610d) 0 15-Apr-17* 68 ol Kiosk (100))-Deg1 (400d) 0 17-Sep-16* 206 ol Kiosk (100))-Deg2 (480d) 0 06-Dec-16* 140	d Private Car Kiosks)-Deg1 (610d) 0 15-Apr-17* 68 Dl Kiosk (100))-Deg1 (400d) 0 17-Sep-16* 206 Dl Kiosk (100))-Deg2 (480d) 0 06-Dec-16* 140	d Private Car Kiosks)-Deg1 (610d) 0 15-Apr-17* 68 DI Kiosk (100))-Deg1 (400d) 0 17-Sep-16* 206 DI Kiosk (100))-Deg2 (480d) 0 06-Dec-16* 140	d Private Car Kiosks)-Deg1 (610d) 0 15-Apr-17* 68 DI Kiosk (100))-Deg1 (400d) 0 17-Sep-16* 206 DI Kiosk (100))-Deg2 (480d) 0 06-Dec-16* 140 ↓ Location 15(1ht ↓ Location 15(1ht)	d Private Car Kiosks)-Deg1 (610d) 0 15-Apr-17* 68 DI Kiosk (100))-Deg1 (400d) 0 17-Sep-16* 206 DI Kiosk (100))-Deg2 (480d) 0 06-Dec-16* 140 → Location 15(Inbd Traffic Control Kiosk (100))-Deg2 (480d) 0 06-Dec-16* 140	d Private Car Kiosks)-Deg1 (610d) 0 15-Apr-17* 68 ol Kiosk (100))-Deg1 (400d) 0 17-Sep-16* 206 ol Kiosk (100))-Deg2 (480d) 0 06-Dec-16* 140	d Private Car Kiosks)-Deg1 (610d) 0 15-Apr-17* 68 ol Kiosk (100))-Deg1 (400d) 0 17-Sep-16* 206

- Actual Work
- Remaining Work
- Critical Remaining Work Milestone
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ontract No.: HY	/2013/00			Detail Wo	JIN I TOYIC							1										i uų	ge 5 c
vity ID	Activity Name	Original	Start	Finish	Total	2	2015				20	016				2017				2018			2019
		Duration			Float	Q2	C	23	Q4	Q1	Q2	Q3	Q4	Q1		_	_	_			Q3 Q4	Q1	1 (
A1390	Location 16(Outbd Traffic Control Kiosk (101))-Deg1 (400d)		17-Sep-16*		227													6 1	- LTÌ		7-\$ep-16*		
A1400	Location 16(Outbd Traffic Control Kiosk (101))-Deg2 (480d)	-	06-Dec-16*		161														1 1 1		80d), 06-D		
A1410	Location 17(Inbd Private Car Exam Bldg(033))-Deg1 (-)	-	01-Dec-16*		145								•), 01-Dec-1		
A1420	Location 17(Inbd Private Car Exam Bldg(033))-Deg2 (550d)	-	14-Feb-17*		77									•			1 I I I	1 1 1	1 1 1	1 1 1	0eg2 (550d		1 1 1
🔲 A1430	Location 18(Outbd Private Car Exam Bldg(024))-Deg1 (-)	0	14-Jun-17*		0		11									Locat	tion 18(C	Outbd Pri	vate Ca	ır Exam	Bldg(024))	-Deg1 (-	-), 14-
🔲 A1440	Location 18(Outbd Private Car Exam Bldg(024))-Deg2 (670d)	0	14-Jun-17*		7											Local	tion 18(C	butbd Pri	vate Ca	ır Exam	Bldg(024))	-Deg2 (6	670d),
😑 A1450	Location 19(DOH Cargo Clearance Bldg(043))-Deg1 (-)	0	14-Feb-17*		0										Location	19(DOI	H Cargo	Clearan	¢e Bldg((043))-[Deģ1 (-), 14	-Feb-17	7*
🔲 A1460	Location 19(DOH Cargo Clearance Bldg(043))-Deg2 (550d)	0	14-Feb-17*		35									•	Location	19(DOI	H Cargo	Clearan	ce Bldg((043))-[Deg2 (550d), 14-Fel	b-17*
😑 A1461	Underground Ducting between Inbd Cargo Exam Bldg (037) and DOH Cargo Clearance Bldg (043) and CUE	0	29-Jun-16*		167						•	🔶 Und	erground	Ducting) betwee	n Inbd C	argo Exa	am Bldg	(037) aı	nd DO⊦	l Cargo Cle	arance F	Bldg (¢
😑 A1462	Underground Ducting between Inbd Cargo Exam Bldg (037) and Inbd Vehicle Clearance Plaza	0	29-Jun-16*		228																Vehicle Cle		Plaża,
🔲 A1463	Underground Ducting between CUE and Outbd Car Exam Bldg (023)	0	29-Jun-16*		230							🔶 Und	erground	Ducting	g betwee	n CUE a	nd Outbo	d Car Ex	cam Bldç	g (023),	29-Jun-16	*	
😑 A1464	Underground Ducting Between Outbd Cargo Exam Bldg (023) and Outbd Vehicle Clearance Plaza		29-Jun-16*		262												-				tbd Vehicle		ice Pla
A1465	Underground Ducting between CUE and Outbd Vehicle Clearance Plaza	0	29-Jun-16*		262		11				: : : •		7 1 1	т I Т	T I I I						za, 29-Jun-		
😑 A1466	Underground Ducting between CUE and Inbd P. Car Annex (025) and Shuttle Bus Kiosks (006)	0	13-Aug-16*		145							•	Undergro	und Du	icting bet	ween Cl	JE and Ir	nbd P. Ca	ar Anne	x (025)	and Shuttle	; Bus Kio	osks (0
🔲 A1467	Underground Ducting between PCB(001) and Inbd Coach Kiosks(010)	0	13-Aug-16*		105							•	Undergro	und Du	icting bet	ween PC	CB(001)	and Inbd	l Coach	Kiosks	010), 13-A	µg-16*	
🔲 A1468	Underground Ducting between CUE and Outbd PCA(032)	0	13-Aug-16*		219								Undergro	und Du	icting bet	ween Cl	UE and C	Outbd PC	JA (032)), 13-Au	ıg-16*		
🛑 A1478	Inbound Vehicle Clearance Plaza (Assume same as Location 3)	0	14-Feb-17*		0										Inbound	Vehicle	Clearanc	ce Plaza	(Assum	ie same	as Locatio	יז 3), 1¦4-	Feb-1
🔲 A1488	Outbound Vehicle Clearance Plaza (Assume same as Location 4 degree 1 + 51 day:	0	17-Mar-17*		1										 Outb 	ound Vel	hicle Clea	arance P	laza (A	ssiume s	ame as Lo	ation 4 d	degree
Interface	es Provisions	31	14-Feb-17	17-Mar-17	36										T 17-M	lar+17, In	iterfaces	Provisio	ns				
A7000	Inbound VID foundation and mounting structure (assume same as Access date of Inbound Vehicle Clearance Plaza)	0	14-Feb-17*		0									•	Inbound	VID fou	ndation a	and mou	inting str	ructure	(assume sa	me as Ai	vccess
🛑 A7010	Inbound VTS foundation and mounting poles (assume same as Access date of Inbound Vehicle Clearance Plaza)	0	14-Feb-17*		16									•	Inbound	VTS fou	undation	and mou	unting p	oles (as	sume same	as Acce	ess dat
💼 A7020	Inbound TLS foundation and mounting poles (assume same as Access date of Inbound Vehicle Clearance Plaza)	0	14-Feb-17*		24		·							•	Inbound	TLS fou	Indation	and mou	inting pr	oles (as	sume same	as Acce	ss dat
🛑 A7030	Outbound VID foundation and mounting structure (assume same as Access date of Outbound Vehicle Clearance Plaza)	0	17-Mar-17		1										 Outb 	ound VIE) foundat	tion and	mountir	ng struc	ture (assun	ie same	as Ac
🛑 A7040	Outbound VTS foundation and mounting poles (assume same as Access date of Outbound Vehicle Clearance Plaza)		17-Mar-17		17																s (assume s		
😑 A7050	Outbound TLS foundation and mounting poles (assume same as Access date of Outbound Vehicle Clearance Plaza)		17-Mar-17		36											pund TL	S founda	ation and	mountir	ng pole	s (assume s	ame as <i>l</i>	Acces
ng WA4 Site	Erection & Servicing	92	14-Aug-15	14-Nov-15	1174				14-	Nov-15	, WA4 S	site Ere	ction & Se	rvicing									
🛑 A1740	Possession of Site	0	14-Aug-15*		1230			Poss	ession	of Site,	14-Aug-	15*											
🔲 A1750	Method Statement & Drawing	42	14-Aug-15	24-Sep-15	1224			i N	Method	Statem	ent & Dr	awing											
🔲 A1760	Place Order to prepare materials	31	14-Aug-15	13-Sep-15	1230			🗖 Pl	lace Or	der to p	repare n	naterial	s										
🔲 A1770	Review, revise and approve method statement	14	25-Sep-15*	08-Oct-15	1209			i 🗖	Review	v, revise	and app	prove n	ethod sta	itement									
🔲 A1780	Equipment mobilization and construction material delivered to the site	1	25-Oct-15*	25-Oct-15	1193		11	111	l: Équip	omenit n	obilizati	on and	construct	on mat	erial deli	vered to	the site						
🔲 A1790	Set up the alignment and level of the u-channel	1	14-Sep-15	14-Sep-15	1234		***	I S	et up th	e alignr	nent and	level c	f the u-ch	annel		+							
A1800	Trial pit excavation		14-Sep-15	14-Sep-15	1234			Т	rial pit e	excavati	on l												
A1801	Excavation for chain-link fence footing		14-Sep-15	18-Sep-15	1230			1 1	1 1 1	1 1	hain-link	fence f	ootina										
A4540	Underground Utility detection		28-Oct-15*	28-Oct-15	1190				1 1 1		d Utility o	1 1 1											
A4550	Delivery of asphalt and fencing materials		30-Oct-15*	30-Oct-15	1188		11		1 1 1	T I			ing mater	iale									
A4560			02-Nov-15*	03-Nov-15	1184		· ÷ · ÷				tala karakar	4 4 4				matorial							
	Trimming and leveling soil surface for paving asphalt material								1 1 1	1 1		1 1 1	urface fo				I I I I						
A4570	Remove the vegetation and lose material on the soil surface by backhoe		02-Nov-15*	03-Nov-15	1184								l lose mat			SUITACE	wy wackni	ve					
— A4580	Set out the alignment and level of the u-channel	1	02-Nov-15*	02-Nov-15	1185				, set		anynmer	il atio	evel of the	= u-chai	i i i i i i i i i i i i i i i i i i i				<u> </u>				
ogramme No.: H ata Date: 14-Aug			Hon	Kong-Zhu g Kong Bo cilities - Au	oundary	Cros	sing						_				Date 14-Nov-1		Revis Rev.: 0	sion	Checke WC	d /	Appro
	Critical Remaining Work Milestone			nce Suppo				SS)	6	_	1	F	T,	4	L								



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ity ID		Activity Name	Original Duration	Start	Finish	Total Float		015		01		2016				2017	20	04	01		2018			201
	- 44500	Installation of foncing post along the site houndary		02 Nov 15*	04-Nov-15		Q2	Q3	Q4				Q3 Q4				23	Q4	Q1	Q2	Q3	Q4	Q1	_
_	A4590	Installation of fencing post along the site boundary Excavation for underground drainage pipe		02-Nov-15* 04-Nov-15*	04-Nov-15	1183 1183				Installation Excavation	1.1.1	1 1 1												
_	A4000	Evenly spread the asphalt scrap material by backhoe		05-Nov-15*	07-Nov-15	1180		····		Evenly spr		· - ¦ ¦	- + +											
_	A4610	Cast concrete for the u-channel and underground drainage pipe		05-Nov-15*	07-Nov-15	1182				Cast concr	1.1	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1					ning							
_	A4620	Remove the u-channel framework		05-Nov-15 06-Nov-15*	06-Nov-15	1181			- i i i	Remove th	i i	i i i		i i i	ground at	anag	e pipe							
						1180								: : :	ite heund									
_	A4640	Installation of chain-link fencing along the site boundary		06-Nov-15*	07-Nov-15					Installation				ng ine s		ary								
_	A4650	Installation of access doors		07-Nov-15*	07-Nov-15	1180																		
_	A4660	Excavation for drainage ditch		06-Nov-15*	09-Nov-15	1010				Excavation														
_	A4670	Cast concrete for the drainage ditch		10-Nov-15*	10-Nov-15	1177				Cast conci	- i - i													
_	A4680	Compact the asphalt scrap material		09-Nov-15*	10-Nov-15	1177				Compact t		11 I I	ap materia											
	A4690	Land surveying		11-Nov-15*	11-Nov-15	1174				Landsurv	, , , , , , , , , , , , , , , , , , ,													
_	A4700	Inspection of chain-link fencing and access doors		12-Nov-15*	12-Nov-15	1174				Inspection			encing and	acces	doors	+								
_	A4710	Testing of drains		13-Nov-15*	13-Nov-15	1174				Testing of	1.1	1 1 1												
_	A4720	Completion of the works		14-Nov-15		1174				Completio	on of th	i i i		i i i						; ; ;				
1	Detailed I	Design Specification	365	14-Aug-15	12-Aug-16	0							12-Aug-	16, Det	ailed Desi	gn Spe	ecificatio	n i						
	A1808	Preliminary System Proposal Submission	28	14-Aug-15	10-Sep-15	0			Prelin	ninary Syst	tem Pr	roposal	Submissior	h						; ; ;				
	A1809	Engineer's agreement with preliminary system proposal	45	11-Sep-15	25-Oct-15	0			E	ngineer's a	agreer	ment wit	h prelimina	ary syste	m propos	al								
	A1810	Draft Detailed Design Specification (DDS) Submission	48	26-Oct-15	12-Dec-15	0				Draft D	Detaile	d Desigr	n Specificat	tion (DE	S) Subm	ission								
	A1814	Draft Hardware Function Design Specification for Computer system and Network system (HFD)	48	26-Oct-15	12-Dec-15	0			-	Draft H	Hardwa	are Fun	tion Desig	n Spec	fication fo	r Com	puter sy	stem ar	nd Netw	vork s	ystem (H	FD)		
	A1815	Draft Software Function Design Specification for Computer system and Network system (SFD)	48	26-Oct-15	12-Dec-15	0				Draft S	Softwa	ire Func	ion Design	Specif	cation for	Comp	uter sys	tem an	d Netwo	ork sys	stem (SF	D)		
	A1820	Engineer's Review and Approval for Draft Detailed Design Specification (DDS)	60	13-Dec-15*	10-Feb-16	0				E	Engine	er's Rev	ew and Ap	proval	or Draft D	Detaile	d Desigr	h Specif	fication ((DDS))			
-	A1823	Engineer's Review and Approval for Draft Hardware FDS for Computer system and Network system (HFD)	60	13-Dec-15*	10-Feb-16	0				E	Engine	er's Rev	ew and Ap	proval	or Draft H	lardwa	are FDS	for Co	mputer	syster	m and N	etwork sy	stem (H	FD
9	A1824	Engineer's Review and Approval for Draft Software FDS for Computer system and Network system (SFD)	60	13-Dec-15*	10-Feb-16	0							ew and Ap										em (SF	D)
	A1829	Interface Requirements for CED (LBS, CED IT Server, Metro-Ethernet) and IMMD (AVCS)		01-Feb-16*	29-Feb-16	0							uirements							≱t) and	IMMD	(AVCS)		
_	A1830	Final DDS Submission (AVCSS,VTS,VIDS)(Phase 1/Section I)		01-Mar-16	30-Mar-16	0							Submissio			IDS)(F	hase 1/	Section	11)					
_	A1831	Development of System Security Plan		11-Feb-16	30-Mar-16	0					1 1		ent of Syste											
	A1840	Engineer's Review and Approval for Final DDS Submission including System Security Plan (AVCSS)(Phase 1/Section I)		31-Mar-16	29-Apr-16	0							r's Review							ding S	ystem S	curity Pla	n (AVC	3S
	A1850	Final DDS Submission (AVCSS)(Phase 2/Section II&III)	60	30-Apr-16	28-Jun-16	0						- I I I	n al DDS S			iîî i	1 I I	1 I I						
	A1860	Engineer's Review and Approval for DDS Submission (AVCSS)(Phase 2/Section II&III)	45	29-Jun-16*	12-Aug-16	0							Enginee	r's Revi	ew and Ap	prova	l for DD	S Subn	nişsion ((AVCS	S)(Pha	e 2/Section	n II&III)	
•	Contructi	ion Design and Management	60	07-May-16	05-Jul-16	52						0	5-Jul-16, C	Contruct	ion Desigr	h and I	Manage	ment						
_	A6920	Construction Health and Safety Plan Submission	30	07-May-16*	05-Jun-16	52						📥 Con	struction H	lealth a	d Safety	Plan \$	ubmissio	on		; ; ;				
_	A6930	Construction Health and Safety Plan reviewed by Engineer		06-Jun-16	05-Jul-16	52							onstruction						Enginee	rr				
_		lanufacture Mock-up items		30-Apr-16	20-Jul-16	51		<u></u>			·····	والا والا و والو و	20-Jul-16,		3 2			3						
_	A4749			30-Apr-16	06-Jul-16	51									1 1 1 1									
_	A4749	Preparation of Kiosk equipment Mock-up Installation of Kiosk equipment Mock-up		07-Jul-16	20-Jul-16	51							reparation Installation							; ; ;				
_						51											1.1							
	Supply/M	lanufacture prototypes		30-Apr-16	28-Jun-16	U							3-Jun-16, S							; ; ;				
	A2900	Manufacture LED Display Prototype (VID, ODB and XDB)		30-Apr-16	28-Jun-16	0							anufacture	+ +		++			J XDB)					
	A2910	Manufacture All-In-One Panel Prototype (AIOP)		30-Apr-16	28-Jun-16	0						M	anufacture	All-In-C	he Pahel	Proto	ype (Al	OP)						
	Software	Design, Coding and Testing	407	11-Apr-16	22-May-17	0									V	22-N	ay-17, S	Softwar	e Desig	jn, Cor	ding and	Testing		
	NI- 11																	Date	F	Revisio	on	Checked		Арр
-	nme No.: HZ			-	g Kong-Zhu			-									14-No		Rev.:		W		LC	
a Da	ate: 14-Aug-				ng Kong Bo			•				-	_	-	-								.	
		Remaining Work		Fa	cilities - Au	tomatic	Vehic	le		\Box	2	A	T	A										
		Critical Remaining Work		Cleara	nce Suppo	rt Syste	em (A۱	/CSS	5) 🛛			4												
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E Coding		270	11-Apr-16	05-Jan-17	0					V			🔻 05-Ja	an-17, C	Coding
💼 A5460	CCS, SURCON, SYSCON, CDBS Development Stage 1	70	11-Apr-16*	19-Jun-16	0						CCS,	SURCON	I, SYSCO	ЭN, CDI	BS De
🔲 A5500	VTS Development Stage 1	70	11-Apr-16*	19-Jun-16	0							Developme	ent Stage	a1	
🛑 A5510	VIDS Development Stage 1	64	11-Apr-16*	13-Jun-16	15)evelopm	ent Stage	a 1	
🔲 A5540	CCS, SURCON, SYSCON, CDBS Development Stage 2		20-Jul-16	05-Jan-17	0								CCS,	SURCO	ON, S
🔲 A5580	VTS Development Stage 2	170	20-Jul-16	05-Jan-17	0								📕 VTSI	Develop	oment
🔲 A5590	VIDS Development Stage 2	162	28-Jul-16	05-Jan-17	0						-		VIDS	Develo	
	System Inetgration		30-Apr-16	22-May-17	0								 		
A5520	Test Plan Documentation Submission		30-Apr-16	22-Dec-16	0								i i i	lạn Đoợ	i i
A5530	Engineer's Review and Approval for Test Plan Documentation Submission		23-Dec-16	05-Jan-17	0								Engin		
A5600	Software System Integration Test		06-Jan-17	19-Feb-17	0								S	Software	
— A5630	CCS/SYSCON/SURCON/CDBS/VTS/VIDS Software Enhancement		20-Feb-17	10-Apr-17	0										S/SYS
a A5640	Software User Acceptance Test (UAT)		11-Apr-17	22-May-17	0			·						+	Softw
Prototype	& Software Simulation Tests	133	30-Apr-16	09-Sep-16	0						ľ	09-Sep-	-16, Prote	otype &	، Softw
🔲 A1910	Prototype Test Document		30-Apr-16	29-May-16	6						Prototyp				
a2130	Engineer's Approval for Testing Document	15	30-May-16	13-Jun-16	6						Engine	1 1 1	i i i		- i i
💼 A2920	CCWS with CDBS, SURCON and SYSCON (Software Simulation/ Software Integration Test)	30	20-Jun-16	19-Jul-16	0							WS with (
A2930	Vehicle Tracking System (VTS) (Software Simulation/ Software Integration Test)	30	20-Jun-16	19-Jul-16	0				· · · · ·		📕 Ver	ni¢le Track	king Syste	em (VT	S) (Sc
a A2950	LED Displays (VID, ODB and XDB)	29	29-Jun-16*	27-Jul-16	0						📕 LE	D Display	∕\$ (VID, C	DDB ah	d XDE
🔲 A2960	All-In-One Panel (AIOP)	29	29-Jun-16*	27-Jul-16	0						📕 All	-In-One P	anel (Alc	ЭP)	
a3020	Prototype Testing Report Submission	30	28-Jul-16	26-Aug-16	0							Prototype			- i i
🛑 A4350	Engineer's Approval for Prototype Testing Report	14	27-Aug-16	09-Sep-16	0						•	Enginee	1 1 1		
Procurem	ent - Phase 1 / Section I	242	30-Apr-16	27-Dec-16	0								🕈 27-De	¢-16, Pr	rocure
🔲 A3070	Procurement of Equipment for Phase 1/Section I	242	30-Apr-16	27-Dec-16	0								Procur	rement	of Equ
🔲 A3080	Procurement of Cable and Accessories for Phase 1 /Section I	122	30-Apr-16	29-Aug-16	0							Procuren	ment of C	able ar	nd Acc
🔲 A3990	Procurement of All Servers and Workstations	242	30-Apr-16	27-Dec-16	0								Procur	rement	of All S
Supply/Ma	anufacture products for FAT	62	10-Sep-16	10-Nov-16	0						•	10)-Nov-16	, Supply	y/Man
A2980	Supply/Manufacture LED Display (ODB, VID and XDB) for FAT	54	10-Sep-16	02-Nov-16	0							Su	ipply/Man	hufactur	e LED
🔲 A2990	Supply/Manufacture All-In-One Panel (AIOP) for FAT	62	10-Sep-16	10-Nov-16	0		⊹-⊹		++			Sı	upply/Mar	nufactu	re All-
A3000	Supply/Manufacture off-the-shelf equipment for FAT	50	10-Sep-16	29-Oct-16	0							📕 Su	pply/Man	ufacture	e off-tl
Factory Ac	cceptance Test (FAT)	94	10-Sep-16	12-Dec-16	0						T		12-Dec-	-16, Fa	ctory /
A2120	FAT Procedure Document	36	10-Sep-16	15-Oct-16	0							FAT	Procedu	ure Docu	ument
A2121	Engineer's Approval for FAT Procedure Document		16-Oct-16	29-Oct-16	0								gineer's A		
A3050	FAT for Licence Plate Recognition System (LPRS)		30-Oct-16	31-Oct-16	0		· · · · · · · · · · ·						T for Lice		
A3060	FAT for PA/Intercom		01-Nov-16	02-Nov-16	0							- i - i - i	T for PA/	i i i	- i i
A3090	FAT for ODB		03-Nov-16	04-Nov-16	0								AT for OD		
A3100	FAT for XDB		03-Nov-16	04-Nov-16	0								T for XD	i i i	
A3110	FAT for VID	2	03-Nov-16	04-Nov-16	0							I FA	T for VID)	
A3120	FAT for Video Management System (VMS)		05-Nov-16	06-Nov-16	0		*** <mark>*</mark> ***		+				AT for Vid		nagen
A3130	FAT for Vehicle Tracking System (VTS)		07-Nov-16	08-Nov-16	0							1 1 1	AT for Vel	1 1 1	1 1
A3140	FAT for Communication Network (CMN)	2	09-Nov-16	10-Nov-16	0								AT for Co		
A3150	FAT for All-In-One Panel (AIOP)	2	11-Nov-16	12-Nov-16	0							I F/	AT for All-	-In-One	e Pane
a3160	FAT for AVCSS System Test	2	13-Nov-16	14-Nov-16	0							I E	AT for AV	/CSS S	ystem
A4360	FAT Report Submission	14	15-Nov-16	28-Nov-16	0		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	+				FAT Repo		
gramme No.: HZ 1 Date: 14-Aug-1			Hor Fa	y Kong-Zhu ng Kong Bo cilities - Au nce Suppo	oundary tomatic	Cross Vehic	sing le				4'	T	Δ	1	<u> </u>

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ty ID	Activity Name	Original Duration	Start	Finish	Total Float	Q2	015 Q3	Q4	Q1	Q2	16 Q3	Q4	Q1	Q	2017		Q4	Q1	2 Q2	2018 Q3	3 Q4	Q1	2019 Q
A4370	Engineer's Approval for FAT Report Submission	14	29-Nov-16	12-Dec-16	0	Q2		Q7		QZ	0,0					of for FAT							
	anufacture Equipment		13-Dec-16	10-Feb-17	0								1 1 1			upply/Mai	1 I I I						
A6830	Supply/Manufacture LED (ODB, VID and XDB) Display for installation	45	13-Dec-16	26-Jan-17	0								1 1 1	11	11	cture LEC				R) Disn	lay for ins	allation	
A6840	Supply/Manufacture AIOP for installation		13-Dec-16	10-Feb-17	0								1 1 1		1 1	facture Al	1 I I I					anaton	
	and Bench Acceptance Test for Phase 1/ Section I		30-Aug-16	21-Feb-17	0										·					Test f	or Phase	1/ Section	
A6740	Material On-Site for Phase 1/Section I		28-Dec-16	02-Jan-17	0								1 1 1	1 1	1 1	for Phase		: : :					
A6740	Material Bench Acceptance Test for Phase 1/Section I		28-Dec-16 03-Jan-17	02-Jan-17 07-Jan-17	0								T I I			cceptance			1/50	otion			
A6750	Cable On-Site for Phase 1/Section I		30-Aug-16	12-Sep-16	0							Cable (						renas	se inse	CUOTI			
A6960	AIOP On-Site for Phase 1/Section I		11-Feb-17	12-Sep-10 16-Feb-17	0									i i	- i - i	for Phas	o 1/Shot	lon I					
A6970	AIOP Bench Acceptance Test for Phase 1/Section I		17-Feb-17	21-Feb-17	0		÷			•					· -¦ +	Acceptan			asa 1/S				•
A6980	LED (ODB, VID and XDB) On-Site for Phase 1/Section I		27-Jan-17	31-Jan-17	0										1 1	D and XD					1 1 1 1		
A6990	LED (ODB, VID and XDB) On Site for Thase 1/Section 1 LED (ODB, VID and XDB) Bench Acceptance Test for Phase 1/Section I		01-Feb-17	05-Feb-17	0												1 1					1/Section	
	on - Phase 1 / Section I		13-Sep-16	29-Jun-17	20										i îi	29-Jun-17	1 I I				1 1 1 1	1/OCCION	
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	1(PCB (001) Basement)		11-Oct-16	14-Nov-16	0		÷.									(PCB (00							
	Cable Laying and termination at Location 1 and Location 2		11-Oct-16	14-Nov-16	0							i i i	i i i		i i	nination a	i i i	i i i	i i	i i			
	1(PCB (001) ELV Room (Grid Line E3))		11-Oct-16	14-Nov-16	0											(PCB (00		: : :			))		
	Cable Laying and termination at Location 1 and Location 2		11-Oct-16	14-Nov-16	0											nination a					(Crid Lin	د <del>(</del> ا	
	2(PCB (001) Ground Floor ELV Room (Grid Line E3))		11-Oct-16 11-Oct-16	14-Nov-16	0							1 1 1				2(PCB (00		: : :			Gria Lin	e ⊫3))	
	Cable Laying and termination at Location 1 and Location 2		11-Oct-16	30-Mar-17	0		÷÷									nination a	그 그 옷 그 그는 그 것	( <u>}</u> )					
A2041	2(PCB (001) Ground Floor DOH Port Health Control Room (Grid Line BD)		11-Oct-16	14-Nov-16	0								-i -i -i	i i	i i	i i i i	1 1	1 1 1	- i i	i i		ort Health	
	Cable Laying and termination at Location 1 and Location 2 Cable Testing		15-Nov-16	07-Jan-17	0							1 1 1			1 1	nination a		ii i ai					
A2042	Intercom and PA system Installation		08-Jan-17	13-Mar-17	0									ble Test	1 1	nd PA sys	tom linet		n				
A2043	Intercom and PA system initialiation		14-Mar-17	30-Mar-17	0									- i i	i i	and PAsys	- i i i	iii					
	2(PCB (001) First Floor Main Server Room)		14-10al-17 11-Oct-16	03-Apr-17	0		÷									17, Locatio			I) First	Floor M	Jain Sorv	ar Poom)	·
- Cocation A2001	Cable Laying and termination at Location 1 and Location 2		11-Oct-16	14-Nov-16	0									i i	i i	nination a	i i i	1 1 1	i i i	i i			
A2001	Cable Testing		15-Nov-16	27-Dec-16	0									le Testi	1 1								
A2002	AVCSS Network and Server Installation		28-Dec-16	14-Feb-17	0										ĭ,	ork and S	eriver' In	stallati	ion				
A2003	AVCSS Network and Server Tuning		15-Feb-17	03-Apr-17	0											vetwork a		: : :					
	3(Inbd Cargo Exam Bidg (037) Inspector Offices 128,129,130,131,128,12		10-Jan-17	22-May-17	0		+-+-						-		· -!	눈 는 는		( <u>-</u> )		Fram	Bldg (03	) Inspecto	or Of
A3241	Cable Laying and termination in Location 3 and Location 3a		10-Jan-17	13-Feb-17	0									i i	i i	and term	i i .	i i i		i i	1 1 1 1	) (110)-000	
A3242	AVCSS SURCON WS and 55" LCD Installation		14-Feb-17	13-Mar-17	0											RCON W							
A3243	VTS WS Installation		14-Feb-17	13-Mar-17	0									i i	i i	nstallation	i i i		-				
A3245	SURCON, WS Tuning		14-Mar-17	22-May-17	0											RCON, W							
	3(Inbd Cargo Exam Bldg (037) ELV Room)		13-Dec-16	09-Jan-17	0		÷÷			·		· · · · · ·	• 09			tion 3(Inb		7	Bilda ((	037) E	LV Room		
A3210	Cable Laying and termination between Location 3 and CUE		13-Dec-16	09-Jan-17	0							1 1 1	1 1 1	1 1	1 1	d terminat		1 1 1		1 1	1 1 1 1		
	3(Inbd Cargo Exam Bldg (037) Platform Control Room)		10-Jan-17	22-May-17	0									1 1	-			: : :				) Platform	n Co
A2071	Cable Laying and termination in Location 3 and Location 3a		10-Jan-17	13-Feb-17	0										1 1	and term		1 1 1		1 1	1 1 1 1		
A2072	AVCSS SYSCON WS and 55" TV Wall Installation		14-Feb-17	27-Feb-17	0											CONWS		: : :					
A2074	AVCSS SYSCON WS Tuning		28-Feb-17	22-May-17	0		† †								AVC	SS SYSC	ON WS	Tunir	ng				
	3(Inbd Cargo Exam Bldg (037) MDF Room)		13-Dec-16	09-Jan-17	0							•	• 09	Jan-17	i i	tion 3(Inb	i i .	i i i	-	037) M	IDF Room	ı)	
🔲 A3190	Cable Laying and termination between Location 3 and CUE	28	13-Dec-16	09-Jan-17	0											d terminat							
Location	3a(Inbd Cargo Exam Bldg (037) ROCARS Room)	133	10-Jan-17	22-May-17	0								-		1 1					1 1		7) ROCA	RSF
👝 A2091	Cable Laying and termination in Location 3 and Location 3a	35	10-Jan-17	13-Feb-17	0									Cable I	Laying	and term	ination ir	Loca	tion 3 a	and Lo	cation 3a		
a A2092	AVCSS SYSCON, SURCON and Intercom Installation	49	14-Feb-17	03-Apr-17	0									i Av	/css	SYSCON,	SURCO	N and	I Interco	om Inst	allation		
pgramme No.: HZ ta Date: 14-Aug-			Hor Fa	g Kong-Zhu ng Kong Bo cilities - Au nce Suppo	oundary tomatic	Cros Vehi	sing cle		2	)/	1	Г	4	L		14-Nov	ate /-16	Rev.	Revision : 0		Checker C		pprov

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🔲 A2093	VTS WS Installation	49 14-Feb-17	03-Apr-17	0									🗖 УТ	swsi	stallatio	on						-
🛑 A2094	VID WS Installation	49 14-Feb-17	03-Apr-17	0									📫 Vic	) WS Ir	stallatio	n						
<b>A2096</b>	SURCON, SYSCON, WS Tuning	49 04-Apr-17	22-May-17	0										SUR	ON, SY	YSCON,	WSTu	ning				
Location	3a(Inbd Cargo Exam Bldg Main Server Room)	133 10-Jan-17	22-May-17	0								-		22-M	y-17, L	ocation	3a(Inbd	Cargo E	xam B	ldg Main	Server	r Ŗ
🔲 A3330	Cable Laying and termination in Location 3 and Location 3a	35 10-Jan-17	13-Feb-17	0				+					+ !	-1++-		4 + 1		on 3 and	-	+ +		!-
<b>A</b> 3340	AVCSS Server Installation	30 04-Apr-17	03-May-17	0									. 💻 .	AVCSS	Server	Installati	on					
A3350	VTS Server Installation	30 04-Apr-17	03-May-17	0								: : :	i 🖬 🖓	VTS Se	verins	tallation						
A3360	Servers Tuning	19 04-May-17	22-May-17	0										Serve								
	4(Outbd Cargo Exam Bldg (023) MDF Room)	21 14-Feb-17	06-Mar-17	0								-		1 1 1		, <b>č</b> , , ,	Cardo	Éxam Bl	dq (02	3) MDF I	Room)	
		21 14-Feb-17	06-Mar-17	0				+				+	+ i	++				en CUE a	-	+ + +		
	4 and 4a(Outbd Cargo Exam Bidg (023) ROCARS Room)	77 07-Mar-17	22-May-17	0										1 1- 1-				a(Outbd				3)
A3370	Cable Laying and termination in Location 4 and 4a	35 07-Mar-17	10-Apr-17	0								1 1 1		1 1 1	То на н			ocation 4	i T		19 (040	- /
A3380	AVCSS SYSCON, SURCON and Intercom Installation	14 05-Mav-17	18-May-17	0									i i			i i i	i i i	and Inter	i i	i i i		
	VTS WS Installation	14 05-May-17	18-May-17	0									1 1	VTSV		i i î i				Stallation		
	SYSCON, SURCON, WS Tuning	4 19-May-17		0				+								JRCON,		ning		+ +		
A3400		,	22-May-17	0										1 1 1					0.04-6	Culture		
_	5(Common Utility Enclosure & Staff Subway)	131 13-Sep-16	21-Jan-17	68								1 1 1		1 1 1	. i i i			nclosure	& stan	Subway	2	
A3430	Cable Laying between Location 5 and Location 7	28 13-Sep-16	10-Oct-16	0		11				1 I I	Cable	1 1 1		1 1 1								
<b>a</b> A3440	Cable Laying between Location 5 and Location 6	28 15-Nov-16	12-Dec-16	0									1 - 1 -			ion 5 an		on 6				
<b>—</b> A3480	ODB Switch Installation at EL Room 2-7	14 08-Jan-17	21-Jan-17	68								÷ i	+	-i÷÷-		at EL Ro			-	+		
	6(Common Utility Enclosure & Staff Subway)	42 15-Nov-16	26-Dec-16	94							1 1 1	1 1 1		1 1 1				losure &	Staff S	ubway)		
🔲 A3450	Cable Laying between Location 5 and Location 6	28 15-Nov-16	12-Dec-16	0		111										ion 5 an						-
🔲 A3490	ODB Switch Installation at EL Room 8-9,11-12	14 13-Dec-16	26-Dec-16	94							1 1 1					EL Room						
Location	7(Common Utility Enclosure & Staff Subway)	28 13-Sep-16	10-Oct-16	0							<b>10-</b> 0	ct-16, L	ocation	7(Com	mon Ut	tility Encl	osure 8	Staff Su	bway)			
🛑 A3470	Cable Laying between Location 5 and Location 7	28 13-Sep-16	10-Oct-16	0							Cable	a Laying	g þetwe	en Loc	tion 5 a	and Loca	tion 7					
Location	12(Inbd Private Car Kiosks,GV Kiosks (027,028,029))	195 17-Sep-16	31-Mar-17	0						٦			31-	Mar-17	Locatio	on 12(In	bd Priva	ate Car K	iosks,C	V Kiosks	(027,0	02
🔚 Inbd Pri	ivate Car Kiosks(027) - 9 nos (Phase 1)	134 11-Oct-16	22-Feb-17	0									22-Feb	d-17, In	d Priva	te Car k	(iosks(0	27) - 9 n	os (Ph	ase 1)		
📄 A245	2 Cable Containment in Kiosks	14 11-Oct-16	24-Oct-16	0							📕 Cat	le Con	tainmer	nt in Kio	sks							
🔲 A245	53 Cable Laying and termination	10 25-Oct-16	03-Nov-16	0							📕 Ca	ble Lay	ing and	termin	tion							
🔲 A245	54 Cable Splicing, Testing and Labeling	65 04-Nov-16	07-Jan-17	0							: 📻	Cab	ole Splic	ing, Tes	ting and	d Labelin	g					
🔲 A246	60 AVCSS/DOH/MOM Kiosk Equipment Installation (9 nos)	45 08-Jan-17	21-Feb-17	0				+	4				AVCSS	S/DOH/I	10M Ki	osk Equi	pment I	nstallatio	n' (9' no	s)	+ -	!
🔲 A247	70 ODB & XDB installation (9 nos)	16 06-Feb-17	21-Feb-17	0									ODB &	XDB in	stallatio	n (9 nos						
	30 Inbd Private Car Kiosk Installation Complete	0 22-Feb-17		0		11						1 1 1	1 1	1 1 1		i î i i	î i i	mplete, 2	2-Feb	17		
	oods Vehicle Kiosks(028) - 5 nos (Phase 1)	195 17-Sep-16	31-Mar-17	0						•				1 1 1				osks(028			1	
	2 Cable Containment in Kiosks	14 17-Sep-16	30-Sep-16	0							Cable	Contai		1 1 1	1 1 1							
	33 Cable Laying and termination	10 01-Oct-16	10-Oct-16	0				+				+	+ i	++						+ +		
	4 Cable Splicing, Testing and Labeling	134 11-Oct-16	21-Feb-17	0		11						: : :				and La	helina					
	0 AVCSS/DOH/MOM Kiosk Equipment Installation (5 nos)	37 22-Feb-17	30-Mar-17	0								1 1 1	1 1	1 1 1			1 1 1	ent Install	ation (	5 005)		
	50 AIOP Installation (5 nos)	37 22-Feb-17	30-Mar-17	0										)P Insta			Adibilit					
	0 ODB & XDB installation (5 nos)	37 22-Feb-17 37 22-Feb-17	30-Mar-17	0								1 1 1	1 1	1 1 1		ation (5	nos)					
	00 Inbd Goods Vehicle Kiosks Installation Complete	0 31-Mar-17	JU-IVIdí - 17	0									+ i	++			·i + i- ·	tion Com	niloto	21_Mat 1	7	
	Goods Vehicle Kiosks (029) - 5 nos (Phase 1)	147 04-Nov-16	31-Mar-17	0														Kiosks(02				
	2 Cable Containment in Kiosks		17-Nov-16	0										1 1 1		Suous \		10515(02	3)-3	uus (Fild	se 1)	
		14 04-Nov-16		0							1 1 1	1 1 1		ent in k								
	73 Cable Laying and termination	10 18-Nov-16	27-Nov-16	0								1 1 1	- T	nd term								
	<ul><li>74 Cable Splicing, Testing and Labeling</li><li>80 AVCSS/DOH/MOM Kiosk Equipment Installation (5 nos)</li></ul>	41 28-Nov-16 37 08-Jan-17	07-Jan-17 13-Feb-17	0				++				F F	+	++-		d Labelin		hetallation	) (5 pc	(c)		
A258		Sr U8-Jan-17	13-FED-1/	U		: :	: : :		1 1 1	: : :	: : :	:=;	44022	'nμήν		isri⊏dnib	, nent II	nstallation	r¦(ə¦no	(5)	1 1	
amme No.: HZ	ZMB-DWP Actual Level of Effort	Hone	g Kong-Zhu	ihai-Ma	acao Ri	idae										ate		evision		hecked	_	٩рр
Date: 14-Aug-1			a Kona Dr			inge									14-Nov	v-16	Rev.:	0	WC		LC	
	Remaining Work		ng Kong Bo cilities - Au nce Suppo	Jui lual y		any Io																
					• • • • • • • • •																	

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	IY/2013/06		Detail Wo					-						0047			0040		Page	ge 10
D	Activity Name	Original Start Duration	Finish	Total Float	Q2	015 Q3	Q4	Q1	Q2	2016 Q3	Q4	Q1	Q2	2017 Q3	Q4 C	21 (	2018 22 C	3 Q4	Q1	2019 21
	2590 AIOP Installation (5 nos)	37 22-Feb-17	30-Mar-17	0			Q4				04	1		P Installation				5 Q4		++-
	2600 ODB & XDB installation (5 nos)	37 06-Feb-17	14-Mar-17	16									1 1 1	& XDB install		c)				
	4400 Outbd Goods Vehicle Kiosks Installation Complete	0 31-Mar-17		0								i i i	i i i	d Goods Ver	i i i i	i i i	tion Com	lata 31-M	ar 17	
	on 13(Outbd Private Car Kiosks (030)) - 9 nos (Phase 1)	115 06-Dec-16	31-Mar-17	0								1 1 1	1 1 1	/lar-17, Local	1 1 1 1					va (Phr
A358		14 06-Dec-16	19-Dec-16	0								+	+	iment in Kios				JSKS (UJU))	- 3 1103	3 (1 /1a
		10 20-Dec-16	29-Dec-16	0							1 1 1	1 1 1	1 1 1	and termina	<u> </u>					
A358		46 30-Dec-16	13-Feb-17	0								1 1 1	1 1 1	olicing, Testin		olina				
				0												-	4			
A359		45 14-Feb-17	30-Mar-17	0									1 1 1	SS/DOH/MO			tinstallati	on (9 nos):		
A360		45 14-Feb-17	30-Mar-17	0								·	+	8 & XDB insta						
🔲 A441	· · · · · · · · · · · · · · · · · · ·	0 31-Mar-17		0									1 1 1	d Private Ca						
	on 14(Future-Outbd/Inbd Private Car Kiosks) - 6+6 nos	28 15-Apr-17	12-May-17	68									1 1 1	12-May-17, L	1 I I I I	<u>`</u>			Car Kios	usks) -
A244	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	28 15-Apr-17	12-May-17	68										Cable Laying						
Locatio	on 15(Inbd Traffic Control Kiosk (100))	42 11-Apr-17	22-May-17	0										22-May-17,	Location 1	5(Inbd T	raffic Cor	trol Kiosk (	100))	
🔲 A365	51 Cable Laying and termination	14 11-Apr-17	24-Apr-17	0	· · · · ·		 	-+					Ca	able Laying a	nd termina	ition		· · · · · ·		
🔲 A365	52 AVCSS SYSCON, SURCON Installation	7 25-Apr-17	01-May-17	0									A	VÇSŞ SYSC	ON, SURC	ON Inst	allation			
🔲 A366	60 VTS WS and 55" LCD Installation	7 25-Apr-17	01-May-17	0									V	TS WS and	55" LCD In	stallation	n			
🛑 A367	70 SYSCON, SURCON, WS Tuning	21 02-May-17	22-May-17	0										SYSCON, S	URCON, V	NS Tuni	ng			
Locatio	on 16(Outbd Traffic Control Kiosk (101))	21 02-May-17	22-May-17	0										22-May-17,	Location 10	6(Outbd	Traffic C	ontrol Kiosk	(101))	)
🔲 A370	01 Cable Laying and termination	14 02-May-17	15-May-17	0										Cable Laying	and termi	nation				
🔲 A370	AVCSS SYSCON, SURCON Installation	7 16-May-17	22-May-17	0										AVC'SS SYS	CON, SUF	RCON In	stallation			
🔲 A371	10 VTS WS and 55" LCD Installation	7 16-May-17	22-May-17	0										VTS WS an	d 55" LCD	Installat	ion			
	on 17(Inbd Private Car Exam Bldg(033) Operational Office)	28 25-Apr-17	22-May-17	0									1 1 1	22-May-17,	1 1 1 1			r Exam Bld	q(033)	) Opera
A375		7 25-Apr-17	01-May-17	0									i i i	able Laying a						
A376		7 02-May-17	08-May-17	0									1 1 1	WCSS SUR			Installatio	n		
A377		14 09-May-17	22-May-17	0									+	SURCON T						
	on 18 (Outbd Private Car Exam Bldg(024) Operational Office)	16 14-Jun-17	29-Jun-17	0									1 1 1	🕶 29-Jun-1		n 18 (Or	thd Priva	e Car Eva	n Blda(	(024)
A378		7 14-Jun-17	20-Jun-17	0									1 1 1	Cable La		1 1 1			II Diag(	(024)
A379		9 21-Jun-17	29-Jun-17	0									i i i	AVCSS S				llation		
		98 14-Feb-17		0									1 1 1	22-May-17,	1 1 1 1				4~(042)	
	on 19 (DOH Cargo Clearance Bidg(043))	14 14-Feb-17	22-May-17	0									+	- + +				! + + !-	+	<i>))</i>
A211			27-Feb-17	0									1 1 1	aying and te			Location	19 and CO		
A211	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	21 28-Feb-17	20-Mar-17	0								1 1 1	1 1 1	e Laying in Lo	1 I I I					
A211		14 21-Mar-17	03-Apr-17	0									i <u>    i   </u> i	nd Intercom	i i _i _i	- i i i				
A212		49 04-Apr-17	22-May-17	0									1 1 1	PA and Inter	1 1 1 1					
	ehicle Clearance Plaza - 8 nos VID, 7 nos VTS, 4 nos TLS	80 14-Feb-17	04-May-17	0			· · · · · · · · ·	- + +				·	+	4-May-17, In	4			+ +	, 7 nos	3 VTS
🔲 A405	50 Inbound VID cabling from pillar box to VID field equipment	16 14-Feb-17	01-Mar-17	0										d VID cabling						
🔲 A405	52 Inbound VTS cabling from pillar box to VTS field equipment	8 02-Mar-17	09-Mar-17	0									Inboun	nd VTS cablir	ig from pilla	ar box to	VTS fiel	l equipmen	t	
🔲 A405	54 Inbound TLS cabling from pillar box to TLS field equipment	8 10-Mar-17	17-Mar-17	0									Inbou	nd TLS cabli	ng from pill	lar box to	o TLS fiel	d equipmer	ıt	
🔲 A406		32 02-Mar-17	02-Apr-17	0									Inbo	und VID field	equipmen	it installa	ition (8 VI	D)		
🔲 A406	52 Inbound VTS field equipment installation (4 RFID + 3 Cameras)	16 10-Mar-17	25-Mar-17	0									Inbou	und VTS field	equipmen	it installa	ition (4 R	ID + 3 Cai	nėras)	
🔲 A406	64 Inbound TLS field equipment installation (4 TLS)	8 26-Mar-17	02-Apr-17	0									linbo	und TLS field	lequipmer	nt installa	ation (4 T	\$)		
🔲 A406	66 Inbound VID, VTS and TLS field equipment tuning	32 03-Apr-17	04-May-17	0									💻 İr	nbound VID,	VTS and T	LS field	equipme	nt tuning		
- Outbd	Vehicle Clearance Plaza - 8 nos VID, 6 nos VTS, 4 nos TLS	66 18-Mar-17	22-May-17	0										22-May-17,	Outbd Veh	icle Clea	arance Pla	iza - 8 nos	VID, 6 i	nos V
A411	0 Outbound VID cabling from pillar box to VID field equipment	16 18-Mar-17	02-Apr-17	0									Outb	ound VID ca	bling from	pillar bo	x to VID f	eld equipm	ent	
A412	20 Outbound VTS cabling from pillar box to VTS field equipment	8 03-Apr-17	10-Apr-17	0									Out	bound VT\$ o	abling fron	n pillar b	ox to VT	field equip	ment	
A413		5 11-Apr-17	15-Apr-17	11				- +					+	- + + 11	4 +			s field equip	+	

- Actual Level of Effort Actual Work Remaining Work Critical Remaining Work Milestone
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Date	Revision	Checked	Approved
Nov-16	Rev.: 0	WC	LC

Contract No.: HY				Tatal	amme				00	1		0017			20	40	Page 11 c
ivity ID	Activity Name	Original Start Duration	Finish	Total Float	Q2	015 Q3	Q4	Q1	Q2	016 Q3	Q4	2017 Q1 Q2 C	3 Q4	Q1	20 Q2	Q3 Q4	2019 Q1
🔲 🔲 A4140	Outbound VID field equipment installation (8 VID)	32 03-Apr-17	04-May-17	0			C.T		GR2								
A4150	Outbound VTS field equipment installation (3 RFID + 3 Cameras)	16 11-Apr-17	26-Apr-17	0										1 1 1		ion (3 RFID +	3 Cameras)
A4170	Outbound TLS field equipment installation (4 TLS)	8 27-Apr-17	04-May-17	0										1 1 1		ition (4 TLS)	
A4180	Outbound VID, VTS and TLS field equipment tuning	18 05-May-17	22-May-17	0												quipment tuning	a
	ound Ducting between Inbd Cargo Exam Bldg (037) and CUE	35 08-Jan-17	11-Feb-17	0								11-Feb-17, Un					1
A3810		35 08-Jan-17	11-Feb-17	0								Cable Laying a					
	ound Ducting between Inbd Cargo Exam Bldg (037) and Inbd Vehicle Clea	26 12-Feb-17	09-Mar-17	0								🕶 09-Mar-17, l		- I <u>I</u> I I			xam Bido (037
A3830		26 12-Feb-17	09-Mar-17	0								Cable Laying				-	
	ound Ducting between CUE and Outbd Car Exam Bldg (023)	24 10-Mar-17	02-Apr-17	0								🕶 02-Apr-17					
A3850	Cable Laying and termination (note: Access Date by C03)	24 10-Mar-17	02-Apr-17	0			4					Cable Layi					1
	ound Ducting Between Outbd Cargo Exam Bldg (023) and Outbd Vehicle (	24 03-Apr-17	26-Apr-17	0									FIII			reen Outbd Car	
A3870		24 03-Apr-17	26-Apr-17	0												cess Date by C	
	ound Ducting between CUE and Outbd Vehicle Clearance Plaza	26 27-Apr-17	22-May-17	0										i i i		etween CUE a	
A3890		26 27-Apr-17	22-May-17	0									T 1 1 1	T ! !	T .	Access Date b	
	Fest and Commissioning (Phase 1 / Section I)	128 15-Jan-17	22-May-17	0			4					+ +				hissioning (Phas	1
				04													
😑 A2150	Testing & Commissioning Documents Submission (8 weeks before Testings carried out)	30 15-Jan-17*	13-Feb-17	84								🛑 Testing & Com	nissioning	Documer	nts Submis	sion (o weeks c	before resting
🔲 A2151	Engineer Approval for T&C Document	14 14-Feb-17	27-Feb-17	84								Engineer App	oval for T	&C Docur	ment		
A2152	Joint Site Inspection for Permanent Power/Tele-communication for Initial on-site	14 17-Mar-17*	30-Mar-17	0												r/Tele-commur	hication for In
	testing																
🛑 A2153	Initial on-site Testing & Commissioning	53 31-Mar-17	22-May-17	0								Initial	on-site Tes	sting & Co	ommissionii	hg	
🖶 Site Acce	eptance Test (Phase 1 / Section I)	94 17-Apr-17	19-Jul-17	0								▼▼	19-Jul-17,	Site Acce	ptance Tes	t (Phase 1 / Se	ection I)
A6601	Interface Readiness CED(LBS, CED IT, Metro-Ethernet) and IMMD (AVS)	36 17-Apr-17*	22-May-17	0												IT, Metro-Eth	
A6602	SAT for AVCSS	28 23-May-17	19-Jun-17	0									for AVCS				
A6603	SAT for Location 18 (AVCSS SURCON and 55" LCD)	5 30-Jun-17	04-Jul-17	0								I S	AT for Loca	ation 18 (	AVCSS SU	RCON and 55	" LCD)
A6630	SAT Test Document Submission	30 20-Jun-17	19-Jul-17	0											Submissio		
A6640	Software Manual Documentations Submission	30 20-Jun-17	19-Jul-17	0		÷-÷							Software N	lanual Do	ocumentati	ons Submission	0
	Risk Assessment and Audit	58 23-May-17	19-Jul-17	0												ment and Audi	
A6800	SRAA (Assessment)	9 23-May-17	31-May-17	0									A (Assessn				
A6810	Fix per SRAA Assessment	40 01-Jun-17	10-Jul-17	0									ix per SRA		sment		
A6820	SRAA Audit	9 11-Jul-17	19-Jul-17	0									SRAA Audi				
	ity Period Test (Phase 1 / Section I)	37 13-Jun-17	19-Jul-17	0		t t							19-Jul-17.			est (Phase 1 / s	
A5610	Joint Site Inspection for utilities, telecom connection and metro ethernet for OPT	7 13-Jun-17*	19-Jun-17	0												lecom connecti	
A5620	Operability Period Test (OPT) Phase 1	15 20-Jun-17	04-Jul-17	0											st (OPT) Pl		
A5650	Operability Period Test (OPT) Phase 1 Operability Period Test (OPT) Phase 2	15 05-Jul-17	19-Jul-17	0										1 1 1	est (OPT) I		
		5 20-Jul-17	24-Jul-17	0												1 /Section I)	
	ion (Phase 1 /Section I)			0													
A2230	AVCSS - Certificate of Completion (Phase 1/Section I)	5 20-Jul-17	24-Jul-17	0											1 1 1 1	tion (Phase 1/S	
🔲 A2231	Certificate of Completion Approval by Engineer	0	24-Jul-17	0												oval by Enginer	
_	and Document (Phase 1 /Section I)	140 21-Feb-17	10-Jul-17	14												ent (Phase 1 /S	section I)
🛑 A2180	Training Materials & Documentation Submission	30 21-Feb-17*	22-Mar-17	14								🔲 Training Ma	terials & D	ocument	ation Subm	nission	
🛑 A2190	Operation and Maintenance Training	110 23-Mar-17	10-Jul-17	14									peration a	nd Maint	enance Tra	aining	
ng Operatio	n (Phase 1 /Section I)	0 25-Jul-17	25-Jul-17	0									25-Jul-17,	Operatio	n (Phase 1	/Section I)	
A2240	Site Operation (Phase 1/Section I)	0 25-Jul-17		0									Site Opera	tion (Pha	se 1/Sectio	on I), 25-Jul-17	
	ing Support for Phase 1 / Section I	190 25-Jul-17	30-Jan-18	0										1 1 1		Engineering Su	
						1											

Actual Work Remaining Work 

Critical Remaining Work

 Milestone summary



	(/2013/06		Otest	Detail Wo	· · · · · ·						40		Page
y ID	Activity Name	Original Duration	Start	Finish	Total Float	2015			01	20		04	
A4420	Engineering Support for Phase 1/Section I	100	25-Jul-17	30-Jan-18		Q2	Q3 (	24	Q1	Q2	Q3	Q4	Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1
			13-Aug-16	11-Nov-16	0							<b>1</b> 11	1-Nov-16, Procurement - Phase 2 / Section II
	ment - Phase 2 / Section II		-		0								
A3980	Procurement of Lane Field Equipment for Phase 2/Section II		13-Aug-16	11-Nov-16	0							1 1 1	Procurement of Lane Field Equipment for Phase 2/Section II
Delivery	and Bench Acceptance Test for Phase 2/Section II	28	12-Nov-16	09-Dec-16	74								2 09-Dec-16, Delivery and Bench Acceptance Test for Phase 2/Section II
e A6760	Material On-site for Phase 2/Section II		12-Nov-16	25-Nov-16	74							i i i	Material On-site for Phase 2/Section II
🔲 A6770	Bench Acceptance Test for Phase 2/Section II		26-Nov-16	09-Dec-16	74								Bench Acceptance Test for Phase 2/Section II
占 Instatllat	tion - Phase 2 / Section II	171	30-Dec-16	19-Jun-17	0								▼ 19-Jun-17, Instatllation - Phase 2:/ Section II
Location	n 8(Inbd Pricate Car Annex (025)) (Phase 2)	156	30-Dec-16	04-Jun-17	0								V-Jun-17, Location 8(Inbd Pricate Car Annex (025)) (Phas
🔲 A4090	D Site Preparation	10	30-Dec-16	08-Jan-17	54								Site Preparation
🔲 A4091	1 Cable Containment in Kiosks	8	09-Jan-17	16-Jan-17	54								Cable Containment in Kiosks
🔲 A4093	3 Cable Laying and termination	8	17-Jan-17	24-Jan-17	54								I Cable Laying and termination
🔲 A4094	Cable Splicing, Testing and Labeling	30	25-Jan-17	23-Feb-17	71								Cable Splicing, Testing and Labeling
🔲 A4096	6 Mobilization of kiosk equipment	10	24-Feb-17	05-Mar-17	71								Mobilization of kiosk equipment
🔲 A4100	AVCSS/DOH/MOM Kiosk Equipment Installation (1 no)	19	16-May-17	03-Jun-17	0								AVCSS/DOH/MOM Kiosk Equipment Installation (1 no)
🔲 A4430	D Inbd Private Car Annex Installation Complete	0	04-Jun-17		0								Inbd Private Car Annex Installation Complete, 04-Jun-17
Location	n 9(Outbd Private Car Annex (032)) (Phase 2)	145	25-Jan-17	19-Jun-17	0								19-Jun-17, Location 9(Outbd Private Car Annex (032)) (Pl
🔲 A4151	1 Site Preparation	10	25-Jan-17	03-Feb-17	54								Site Preparation
🔲 A4152	2 Cable Containment in Kiosks	8	04-Feb-17	11-Feb-17	54							· · · · · · · · · · · · · · · · · · ·	Cable Containment in Kiosks
🔲 A4153	3 Cable Laying and termination	8	12-Feb-17	19-Feb-17	54								Cable Laying and termination
🔲 A4154	Cable Splicing, Testing and Labeling	30	20-Feb-17	21-Mar-17	54								🗖 Cable Splicing, Testing and Labeling
🔲 A4156	6 Mobilization of kiosk equipment	20	22-Mar-17	10-Apr-17	54								Mobilization of kiosk equipment
🔲 A4160	AVCSS/DOH/MOM Kiosk Equipment Installation (1 no)	15	04-Jun-17	18-Jun-17	0								AVCSS/DOH/MOM Kipsk Equipment Installation (1 no)
🔲 A4440	O Outbd Private Car Annex Installation Complete	0	19-Jun-17		0								<ul> <li>Outbd Private Car Annex Installation Complete, 19-Jun-17</li> </ul>
Test and	I Commissioning (Phase 2 / Section II)	145	06-May-17	27-Sep-17	0								27-Sep-17, Test and Commissioning (Phase 27
A2290	Testing & Commissioning Documents Submission	30	06-May-17*	04-Jun-17	0								Testing & Commissioning Documents Submission
A2291	Engineer Approval for T&C Document	14	05-Jun-17	18-Jun-17	0								Engineer Approval for T&C Document
A2292	Initial on-site Testing & Commissioning	31	19-Jun-17	19-Jul-17	0								Initial on-site Testing & Commissioning
A2300	Site Acceptance Tests (SAT)	40	20-Jul-17	28-Aug-17	0								Site Acceptance Tests (SAT)
A2310	Operability Period Test (OPT)		29-Aug-17	27-Sep-17	0								Operability Period Test (OPT)
_	tion (Phase 2 / Section II)	5	28-Sep-17	02-Oct-17	0								▼ 02-Oct-17, Completion (Phase 2 / Section II)
A2320	AVCSS - Certificate of Completion (Phase 2/Section II)	5	28-Sep-17	02-Oct-17	0								AVCSS - Certificate of Completion (Phase 2/Sec
A4320	Certificate of Completion Approval by Engineer	0	20 000 11	02-Oct-17	0								♦ Certificate of Completion Approval by Engineer,
		120	03-Oct-17	30-Jan-18	0								30-Jan-18, Engineering Support for I
	Pring Support for Phase 2 / Section II				0								
😑 A4450	Engineering Support for Phase 2/Section II		03-Oct-17	30-Jan-18	0								Engineering Support for Phase 2/Sec
Procure	ment for Phase2 / Section III		13-Aug-16	11-Nov-16	0							1 1 1	1-Nov-16, Procurement for Phase2 / Section III
<b>A4000</b>	Procurement of Lane Field Equipment for Phase 2/Section III		13-Aug-16	11-Nov-16	0								rocurement of Lane Field Equipment for Phase 2/Section III
Delivery	and Bench Acceptance Test for Phase2 / Section III	14	12-Nov-16	25-Nov-16	0							<b>T</b> 2	25-Nov-16, Delivery and Bench Acceptance Test for Phase2 / Section III
🛑 A6780	Material On-site for Phase 2/Section III	7	12-Nov-16	18-Nov-16	0							I N	Vaterial On-site for Phase 2/Section III
🛑 A6790	Bench Acceptance Test for Phase 2/Section III	7	19-Nov-16	25-Nov-16	0							. <b>I</b> E	Bench Acceptance Test for Phase 2/Section III
Installati	ion - Phase 2 / Section III	223	26-Nov-16	07-Jul-17	0							-	▼ 07-Jul-17, Installation - Phase 2 / Section III
	n 10,11,12,13 (Vehicle Clearance Kiosks)	223	26-Nov-16	07-Jul-17	0							-	▼ 07-Jul-17, Location 10,11,12,13 (Vehicle Clearance Kiosl
	le Bus Kiosks (006) - 4 nos (Phase 2)		14-Feb-17	25-Apr-17	0								25-Apr 17, Shuttle Bus Kiosks (006) - 4 nos (Phase 2)
	622 Cable Containment		14-Feb-17	05-Mar-17	0								Cable Containment

Programme No.: HZMB-DWP Data Date: 14-Aug-15 Actual Level of Effort Actual Work Critical Remaining Work Milestone summary Actual Level of Effort Actual Work Critical Remaining Work Summary

Date	Revision	Checked	Approved
Nov-16	Rev.: 0	WC	LC

ID	No.: HY/2013/06 Activity Name	Original Start	Detail W	Total		015			20	)16			2017			20	18	r a	age 13 20
U	Activity Name	Duration	FILISI	Float	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1 Q2		Q4	Q1	Q2		24 (	Q1
	A2623 Cable Laying and termination	20 06-Mar-17	25-Mar-17	0	Q2_		Q.T		Q42				le Laying			Q2			
	A2630 AVCSS/DOH/MOM Kiosk Equipment Installation (4 nos)	30 26-Mar-17	24-Apr-17	0												uipment In	stallation (4	nos)	t i -
	A4460 Shuttle Bus Kiosks Installation Complete	0 25-Apr-17	· ·	0													e, 25-Apr-1		
	Outbd Coach Kiosks (009) - 4 nos (Phase 2)	58 26-Mar-17	23-May-17	0													9) - 4 nos (		5
	A2662 Cable Containment	15 26-Mar-17	09-Apr-17	0								+	ible Conta						
	A2663 Cable Laying and termination	15 10-Apr-17	24-Apr-17	0									able Layir		ermination				
	A2670 AVCSS/DOH/MOM Kiosk Equipment Installation (4 nos)	28 25-Apr-17	22-May-17	0													t Installation	(4 nos)	
	A4470 Outbd Coach Kiosks Installation Complete	0 23-May-17		0												1. 1. 1.	nplete, 23-M	N 1 1 1	
	Inbd Private Car Kiosks (027) - 12 nos (Phase 2)	208 26-Nov-16	22-Jun-17	0							<b>—</b>						ks (027) - 12	- 1 I I	hase
	A2742 Cable Containment	40 26-Nov-16	04-Jan-17	0								Cable Con	i+						+
	A2743 Cable Laying and termination	40 05-Jan-17	13-Feb-17	0								Cable L		terminat	ion				t i
	A2744 Cable Splicing, Testing and Labeling	8 14-Feb-17	21-Feb-17	0								Cable				a			
	A2750 AVCSS/DOH/MOM Kiosk Equipment Installation (12 nos)	84 22-Feb-17	16-May-17	0										- i i i	i i i	-	Installation	(12 nos)	
	<ul> <li>A2760 Kiosk Equipment Configuration (12 nos)</li> </ul>	36 17-May-17	21-Jun-17	0												juration (1		12 1100)	
	A4490 Inbd Private Car Kiosks Installation Complete	0 22-Jun-17	21-5011-17	0												-1	n Complete	22- lun	
	Outbd Private Car Kiosks (030) - 12 nos (Phase 2)	198 06-Dec-16	22-Jun-17	0													sks (030) -		1 1
	A2782 Cable Containment	40 06-Dec-16	14-Jan-17	0								Cable Cor					JSNS (USU) -	12 1103 (1	i nas
	A2783 Cable Laying and termination	40 15-Jan-17	23-Feb-17	0										d termina	tion				
_	A2784 Cable Splicing, Testing and Labeling	35 24-Feb-17	30-Mar-17	0									ble Splicing						
	A2790 AVCSS/DOH/MOM Kiosk Equipment Installation (12 nos)	83 31-Mar-17	21-Jun-17	0				- + +		+			1++I-				ent Installati	on'/17 n	
	A4500 Outbd Private Car Kiosks Installation Complete	0 22-Jun-17	21-3011-17	0													tion Complet		1 1
	Inbd Goods Vehicle Kiosks (028) - 3 nos (Phase 2)	85 21-Mar-17	14-Jun-17	1													osks (028) -		1 1
	A2822 Cable Containment	15 21-Mai-17	04-Apr-17	0									ble Contai	- i i i	u Goous		μοκο (ψ20) -	3 1105 (F	
	A2823 Cable Containment     A2823 Cable Laying and termination	10 05-Apr-17	14-Apr-17	0									able Layin	1 1 1	mination				
	A2825 Kiosk Equipment Configuration (3 nos)	38 15-Apr-17	22-May-17	0									1++I-			ation (3 no	he)'		+
	A2830 AVCSS/DOH/MOM Kiosk Equipment Installation (3 nos)	22 23-May-17	13-Jun-17	0													ent Installatio	n (3 nos	e)
	A4510 Inbd Goods Vehicle Kiosks Installation Complete	0 14-Jun-17	13-341-17	1												1 1 1	tion Comple	- 1 I I	1 I.
	Outbd Goods Vehicle Kiosks (029) - 3 nos (Phase 2)	133 24-Feb-17	07-Jul-17														Kiosks (029		: :
	A2862 Cable Containment	15 24-Feb-17	10-Mar-17	0								Cobl	Containn					) - 3 1103	
	A2863 Cable Laying and termination	10 11-Mar-17	20-Mar-17	0									le Laying a		ination				+
	A2865 Cable Edging and termination     A2865 Cable Splicing, Testing and Labeling	86 21-Mar-17	14-Jun-17	0												and Labeli			
	A2870 AVCSS/DOH/MOM Kiosk Equipment Installation (3 nos)	22 15-Jun-17	06-Jul-17	0										i 1 î	1 1 1		nent Installa	tion (3 n	
	A4520 Outbd Goods Vehicle Kiosks Installation Complete	0 07-Jul-17	00-301-17	0													allation Con		: : :
	Inbd Coach Kiosks (010) - 4 nos (Phase 2)	73 25-Apr-17	07-Jul-17	0								-		1 1 1	1 1 1	1 1 1 1	10) - 4 nos	1 E E E	1 1
	A2702 Cable Containment	15 25-Apr-17	07-301-17 09-May-17	0								+	Cable Co				10) - 4 1103		
	A2703 Cable Laying and termination	15 10-May-17	24-May-17	0									Cable La			tion			
	A2705 Kiosk Equipment Configuration (4 nos)	28 25-May-17	24-May-17 21-Jun-17	0												juration (4	nos)		
	A2710 AVCSS/DOH/MOM Kiosk Equipment Installation (2 nos)	15 22-Jun-17	06-Jul-17	0									i i i i	i i i			ment Installa	tion (2 n	105)
	<ul> <li>A2720 AVCSS/DOH/MOM Klosk Equipment Installation (2 nos)</li> <li>A2720 AVCSS/DOH/MOM Klosk Equipment Installation (2 nos)</li> </ul>	15 22-Jun-17	06-Jul-17	0												1 1 1 1	ment Installa	1 1 1	
	A4480 Inbd Coach Kiosks Installation Complete	0 07-Jul-17	00-001-17	0							   +						omplete, 07	+	
	Underground Ducting between CUE and Shuttle Bus Kiosk (006)		13-Feb-17	0								🔫 13-Feb							Kinsk
		40 05-Jan-17	13-Feb-17	0								Cable L							
	Underground Ducting between PCB(001) and Inbd Coach Kiosks		04-Jan-17	0								04-Jan-17,							h Kior
	A3930 Cable Laying and termination (note: Access Date by C03)	40 26-Nov-16	04-Jan-17 04-Jan-17	0								Cable Layir			1 1			iu cuaul	
Tes	st and Commissioning (Phase 2 / Section III)	203 07-Jul-17	25-Jan-18	0												all a state of a state	est and Cor	nmission	ling (
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omma	e No.: HZMB-DWP Actual Level of	Effort Hone	g Kong-Zh	uhai_Ma	icao Ri	ridae								Date		Revision v.: 0	Chec WC	ked L	Ap

- Actual Work Remaining Work
- Critical Remaining Work
- Milestone
- summary



С	ontract No.: HY/2	2013/06			Detail Wo	rk Progra	imme										
Acti	vity ID	Activity Name	Original		Finish	Total	20	)15			20	016			20	017	
			Duration			Float	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Τ
	😑 A2370	Testing & Commissioning Documents Submission (8 weeks before Testings carried out)	30	30-Aug-17*	28-Sep-17	0											
	😑 A2371	Engineer Approval for T&C Document	14	29-Sep-17	12-Oct-17	0											Þ
	😑 A2373	Initial on-site Testing & Commissioning	98	07-Jul-17	12-Oct-17	0											ė
	🔲 A2380	Site Acceptance Test (SAT)	75	13-Oct-17	26-Dec-17	0											
	🔲 A2390	Operation Acceptance Test (OPT)	30	27-Dec-17	25-Jan-18	0									+             	+	-1
	n Completie	on (Phase 2 / Section III)	5	26-Jan-18	30-Jan-18	0											
	😑 A2400	AVCSS - Certificate of Completion (Phase 2/Section III)	5	26-Jan-18	30-Jan-18	0											
	😑 A4330	Certificate of Completion Approval by Enginner	0		30-Jan-18	0											
	Operation	n (Phase 2 / Section III)	0	31-Jan-18	31-Jan-18	365											
	🔲 A2420	Site Operation (Phase 2/Section II & III)	0	31-Jan-18		365											-
	ng Defect Lia	ability Period (DLP)	365	31-Jan-18	30-Jan-19	0											
	🔲 A2430	DLP	365	31-Jan-18	30-Jan-19	0											
	n Documen	t Submission (Phase 2 / Section III)	45	31-Jan-18	16-Mar-18	320											
	🔲 A4340	As-built Drawings and O&M Manual	45	31-Jan-18	16-Mar-18	320											

Actual Level of Effort Actual Work Remaining Work Critical Remaining Work Milestone



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Initial	on-site	Testing &	Co	mmis	sionir	ng						
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	I AV	CSS - Ce	rtifi	cate	of Co	mple	etion	(Ph	ase	2	Se	20
		rtificate o			1 1						er	
	▼ 31-	Jan-18, (	Ope	rațio	h (Ph	ase	2/5	Secti	on¦l	II)		
	🔶 Şite	Operati	on (	Phas	e 2/S	Section	on¦ll	& II	l), ¦3	1-	Ja	n-
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		16-Mar-	18,	Doc	umen	t Su	bmis	sșior	(P	ha	se	2
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### MATERIALAB CONSULTANTS LIMITED

Room 723 & 725, 7/F, Block B, Profit Industrial Building, 1-15 Kwai Fung Crescent, Kwai Fong, Hong Kong.

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Report No.: 0165/15/ED/0653

Appendix D

**Event / Action Plan** 

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## Appendix D –

# Event / Action Plan for Air Quality and Noise Monitoring

Event	Action				
Lvent	ET	IEC	ER	Contractor	
Action Level					
1. Exceedance for one sample	<ol> <li>Identify source, investigate the causes of exceedance and propose remedial measures;</li> <li>Inform IEC and ER;</li> <li>Repeat measureme nt to confirm finding;</li> <li>Increase monitoring frequency to daily.</li> </ol>	<ol> <li>Check monitoring data submitted by ET;</li> <li>Check Contractor's working method.</li> </ol>	1. Notify Contractor.	<ol> <li>Rectify any unacceptable practice;</li> <li>Amend working methods if appropriate.</li> </ol>	

Event / Action Plan for Air Quality

Event	Action				
	ET	IEC	ER	Contractor	
2. Exceedance for two or more consecutive samples	<ol> <li>Identify source;</li> <li>Inform IEC and ER;</li> <li>Advise the ER on the effectiveness of the proposed remedial measures;</li> <li>Repeat measurement s to confirm findings;</li> <li>Increase monitoring frequency to daily;</li> <li>Discuss with IEC and Contractor on remedial actions required;</li> <li>If exceedanc e continues, arrange meeting with IEC and ER;</li> <li>If exceedanc e stops, cease additional monitoring.</li> </ol>	<ol> <li>Check monitoring data submitted by ET;</li> <li>Check Contractor's working method;</li> <li>Discuss with ET and Contractor on possible remedial measures;</li> <li>Advise the ER on the effectiveness of the proposed remedial measures;</li> <li>Supervise Implementatio n of remedial measures.</li> </ol>	<ol> <li>Confirm receipt of notification of failure in writing;</li> <li>Notify Contractor;</li> <li>Ensure remedial measures properly implemented.</li> </ol>	<ol> <li>Submit proposals for remedial to ER within 3 working days of notification;</li> <li>Implement the agreed proposals;</li> <li>Amend proposal if appropriate.</li> </ol>	

Event	Action				
	ET	IEC	ER	Contractor	
Limit Level	·	·	·		
1. Exceedance for one sample	<ol> <li>Identify source, investigate the causes of exceedance a nd propose remedial measures;</li> <li>Inform ER, Contractor and EPD;</li> <li>Repeat measurement to confirm finding;</li> <li>Increase monitoring frequency to daily;</li> <li>Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results.</li> </ol>	<ol> <li>Check monitoring data submitted by ET;</li> <li>Check Contractor's working method;</li> <li>Discuss with ET and Contractor on possible remedial measures;</li> <li>Advise the ER on the effectiveness of the proposed remedial measures;</li> <li>Supervise implementatio n of remedial measures.</li> </ol>	<ol> <li>Confirm receipt of notification of failure in writing;</li> <li>Notify Contractor;</li> <li>Ensure remedial measures properly implemented.</li> </ol>	<ol> <li>Take immediate action to avoid further exceedance;</li> <li>Submit proposals for remedial actions to IEC within 3 working days of notification;</li> <li>Implement the agreed proposals;</li> <li>Amend proposal if appropriate.</li> </ol>	

Event	Action				
Event	ET	IEC	ER	Contractor	
2. Exceedance for two or more consecutive samples	<ol> <li>Notify IEC, ER, Contractor and EPD;</li> <li>Identify source;</li> <li>Repeat measurement to confirm findings;</li> <li>Increase monitoring frequency to daily;</li> <li>Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented;</li> <li>Arrange meeting with IEC and ER to discuss the remedial actions to be taken;</li> <li>Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results;</li> <li>If exceedance stops, cease additional monitoring.</li> </ol>	<ol> <li>Discuss amongst ER, ET, and Contractor on the potential remedial actions;</li> <li>Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly;</li> <li>Supervise the implementation of remedial measures.</li> </ol>	<ol> <li>Confirm receipt of notification of failure in writing;</li> <li>Notify Contractor;</li> <li>In consultation with the IEC, agree with the Contractor on the remedial measures to be implemented;</li> <li>Ensure remedial measures properly implemented;</li> <li>If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated.</li> </ol>	<ol> <li>Take immediate action to avoid further exceedance;</li> <li>Submit proposals for remedial actions to IEC within 3 working days of notification;</li> <li>Implement the agreed proposals;</li> <li>Resubmit proposals if problem still not under control;</li> <li>Stop the relevant portion of works as determined by the ER until the exceedances abated.</li> </ol>	

Event / Action P	Plan for Construction	Noise Monitoring

Event	Action				
	ET	IEC	ER	Contractor	
Action Level	<ol> <li>Notify IEC and Contractor;</li> <li>Identify source, investigate the causes of exceedance and propose remedial measures;</li> <li>Report the results of investigation to the IEC,ER and Contractor;</li> <li>Discuss with th e Contractor and formulate remedial measures;</li> <li>Increase monitoring frequency to check mitigation effectiveness.</li> </ol>	<ol> <li>Review the analysed results submitted by the ET;</li> <li>Review the proposed remedial measures by the Contractor and advise the ER accordingly;</li> <li>Supervise the implementation of remedial measures.</li> </ol>	<ol> <li>Confirm receipt of notification of failure in writing;</li> <li>Notify Contractor;</li> <li>Require Contractor to propose remedial measures for the analysed noise problem;</li> <li>Ensure remedial measures are properly implemented.</li> </ol>	<ol> <li>Submit noise mitigation proposals to IEC;</li> <li>Implement noise mitigation proposals.</li> </ol>	

Event	Action				
	ET	IEC	ER	Contractor	
Limit Level	<ol> <li>Inform IEC, ER, EPD and Contractor;</li> <li>Identify source;</li> <li>Repeat measurements to confirm findings;</li> <li>Increase monitoring frequency;</li> <li>Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented;</li> <li>Inform IEC, ER and EPD the causes and actions taken for the exceedances;</li> <li>Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results;</li> <li>If exceedance stops, cease additional monitoring.</li> </ol>	<ol> <li>Discuss amongst ER, ET, and Contractor on the potential remedial actions;</li> <li>Review Contractors remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly;</li> <li>Supervise the implementation of remedial measures.</li> </ol>	<ol> <li>Confirm receipt of notification of failure in writing;</li> <li>Notify Contractor;</li> <li>Require Contractor to propose remedial measures for the analysed noise problem;</li> <li>Ensure remedial measures properly implemented;</li> <li>If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated.</li> </ol>	<ol> <li>Take immediate action to avoid further exceedance;</li> <li>Submit proposals for remedial actions to IEC within 3 working days of notification;</li> <li>Implement the agreed proposals;</li> <li>Resubmit proposals if problem still not under control;</li> <li>Stop the relevant portion of works as determined by the ER until the exceedance is abated.</li> </ol>	

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Report No.: 0165/15/ED/0653

Appendix E

Implementation Schedule for Environmental Mitigation Measures (EMIS)

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EIA Ref.	EM&A Log Ref.	Recommended Mitigation Measures	Location of the measures	Implementation Status
Air Quality	I NOI.		measures	
S5.5.6.1	A1	1) The contractor shall follow the procedures and requirements given in the Air Pollution Control (Construction Dust) Regulation	All construction sites	V
\$5.5.6.2	A2	<ul> <li>2) Proper watering of exposed spoil should be undertaken throughout the construction phase:</li> <li>Any excavated or stockpile of dusty material should be covered entirely by impervious sheeting or sprayed with water to maintain the entire surface wet and then removed or backfilled or reinstated where practicable within 24 hours of the excavation or unloading;</li> <li>Any dusty materials remaining after a stockpile is removed should be wetted with water and cleared from the surface of roads;</li> <li>A stockpile of dusty material should not be extend beyond the pedestrian barriers, fencing or traffic cones.</li> <li>The load of dusty materials on a vehicle leaving a construction site should be covered entirely by impervious sheeting to ensure that the dusty materials do not leak from the vehicle;</li> <li>Where practicable, vehicle washing facilities with high pressure water jet should be provided at every discernible or designated vehicle exit point. The area where vehicle washing takes place and the road section between the washing facilities and the exit point should be paved with concrete, bituminous materials or hardcores;</li> </ul>	All construction sites	V
\$5.5.6.2	A2	<ul> <li>When there are open excavation and reinstatement works, hoarding of not less than 2.4m high should be provided as far as practicable along the site boundary with provision for public crossing. Good site practice shall also be adopted by the Contractor to ensure the conditions of the hoardings are properly maintained throughout the construction period;</li> <li>The portion of any road leading only to construction site that is within 30m of a vehicle entrance or exit should be kept clear of dusty materials,</li> <li>Surfaces where any pneumatic or power-driven drilling, cutting, polishing or other mechanical breaking operation takes place should be sprayed with water or a dust suppression chemical continuously;</li> <li>Any area that involves demolition activities should be sprayed with water or a dust suppression chemical immediately prior to, during and immediately after the activities so as to maintain the entire surface wet;</li> <li>Where a scaffolding is erected around the perimeter of a building under construction, effective dust screens, sheeting or netting should be provided from the first floor level up to the highest level of the scaffolding;</li> <li>Any skip hoist for material transport should be totally enclosed by impervious sheeting;</li> <li>Every stock of more than 20 bags of cement or dry pulverised fuel ash (PFA) should be covered entirely by impervious sheeting or placed in an area sheltered on the</li> </ul>	All construction sites	V
S5.5.6.2	A2	<ul> <li>top</li> <li>Cement or dry PFA delivered in bulk should be stored in a closed silo fitted with an audible high level alarm which is interlocked with the material filling line and no overfilling is allowed;</li> <li>Loading, unloading, transfer, handling or storage of bulk cement or dry PFA should be carried out in a totally</li> </ul>	All construction sites	N/A

### Appendix E – Implementation Schedule of Environmental Mitigation Measures (EMIS)

EIA Ref.	EM&A Log Ref.	Recommended Mitigation Measures	Location of the measures	Implementation Status
		<ul> <li>enclosed system or facility, and any vent or exhaust should be fitted with an effective fabric filter or equivalent air pollution control system; and</li> <li>Exposed earth should be properly treated by compaction, turfing, hydroseeding, vegetation planting or sealing with latex, vinyl, bitumen, shotcrete or other suitable surface stabiliser within six months after the last construction activity on the construction site r part of the construction site where the exposed earth lies</li> </ul>		
S5.5.6.3	A3	<ol> <li>The Contractor should undertake proper watering on all exposed spoil (with at least 8 times per day) throughout the construction phase.</li> </ol>	All construction sites	V
S5.5.6.4	A4	4) Engineer to incorporate the controlled measures into the Particular Specification (PS) for the civil work. The PS should also draw the contractor's attention to the relevant latest Practice Notes issued by EPD.	All construction sites	V
S5.5.6.4	A5	5) Implement regular dust monitoring under EM&A programme during the construction stage.	Selected Represent- ative dust monitoring station	V
S5.5.7.1	A6	<ul> <li>The following mitigation measures should be adopted to prevent fugitive dust emissions for concrete batching plant;</li> <li>Loading, unloading, handling, transfer or storage of any dusty materials should be carried out in totally enclosed system;</li> <li>All dust-laden air or waste gas generated by the process operations should be properly extracted and vented to fabric filtering system to meet the emission limits for TSP;</li> <li>Vents for all silos and cement/pulverised fuel ash (PFA) weighing scale should be fitted with fabric filtering system;</li> <li>The materials which may generate airborne dusty emissions should be wetted by water spray system;</li> <li>All conveyor transfer points should be totally enclosed;</li> <li>All access and route roads within the premises should be paved and wetted; and</li> <li>Vehicle cleaning facilities should be provided and used by all concrete trucks before leaving the premises to wash off any dust on the wheels and/or body</li> </ul>	Selected Represent- ative dust monitoring station	N/A
\$5.5.2.7	A7	<ul> <li>The following mitigation measures should be adopted to prevent fugitive dust emissions at barging point:</li> <li>All road surface within the barging facilities will be paved;</li> <li>Dust enclosures will be provided for the loading ramp;</li> <li>Vehicles will be required to pass through designated wheels wash facilities; and</li> <li>Continuous water spray at the loading points</li> </ul>	All construction sites	V
Construction			A 11	V
S6.4.10	N1	<ol> <li>Use of good site practices to limit noise emissions by considering the following:</li> <li>only well-maintained plant should be operated on-site and plant should be serviced regularly during the construction programme;</li> <li>machines and plant (such as trucks, cranes) that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum;</li> <li>plant known to emit noise strongly in one direction, where possible, be orientated so that the noise is directed away from nearby NSRs;</li> <li>silencers or mufflers on construction equipment should be properly fitted and maintained during the construction works;</li> </ol>	All construction sites	v

EIA Ref.	EM&A Log Ref.	Recommended Mitigation Measures	Location of the measures	Implementation Status
		<ul> <li>mobile plant should be sited as far away from NSRs as possible and practicable;</li> <li>material stockpiles, mobile container site officer and other structures should be effectively utilised, where practicable, to screen noise from on-site construction activities.</li> </ul>		
S6.4.11	N2	2) Install temporary hoarding located on the site boundaries between noisy construction activities and NSRs. The conditions of the hoardings shall be properly maintained throughout the construction period.	All construction sites	V
S6.4.12	N3	3) Install movable noise barriers (typically density@14kg/m acoustic mat or full enclosure close to noisy plants including compressor, generators, saw.	For plant items listed in Appendix 6D of the EIA report at all construction sites	N/A
S6.4.13	N4	<ul> <li>4) Select "Quiet plants" which comply with the BS 5228 Part</li> <li>1 or TM standards.</li> </ul>	For plant items listed in Appendix 6D of the EIA report at all construction site	V
S6.4.14	N5	5) Sequencing operation of construction plants where practicable	All construction sites where practicable	V
S5.1	N6	6) Implement a noise monitoring under EM&A programme.	Selected representat- ive noise monitoring station	V
Sediment			I	L
S7.3	S1	1) The requirements as recommended in ETWB TC 34/2002 Management of Dredged/Excavated Sediment shall be included in the Particular Specification as appropriate.	All construction sites	V
		Construction Waste)		
S8.3.8	WM1	<ul> <li><u>Construction and Demolition Material</u> The following mitigation measures should be implemented in handling the waste:</li> <li>Maintain temporary stockpiles and reuse excavated fill material for backfilling and reinstatement;</li> <li>Carry out on-site sorting;</li> <li>Make provisions in the Contract documents to allow and promote the use of recycled aggregates where appropriate;</li> <li>Implement a trip-ticket system for each works contract to ensure that the disposal of C&amp;D materials are properly documented and verified; and</li> <li>Implement an enhanced Waste Management Plan similar to E7WBTC (Works) No. 19/2005 - "Environmental Management on Construction Sites" to encourage on-site sorting of C&amp;D materials and to minimize their generation during the course of construction.</li> <li>In addition, disposal of the C&amp;D materials onto any sensitive locations such as agricultural lands, etc. should be avoided. The Contractor shall propose the final</li> </ul>	All construction sites	V

EIA Ref.	EM&A Log Ref.	Recommended Mitigation Measures	Location of the measures	Implementation Status
		disposal sites to the Project Proponent and get its		
S8.3.9- S8.3.11	WM2	approval before implementation <u>C&amp;D Waste</u> • Standard formwork or pre-fabrication should be used as	All	V
		<ul> <li>far as practicable in order to minimise the arising of C&amp;D materials. The use of more durable formwork or plastic facing for the construction works should be considered. Use of wooden hoardings should not be used, as in other projects. Metal hoarding should be used to enhance the possibility of recycling. The purchasing of construction materials will be carefully planned in order to avoid over ordering and wastage.</li> <li>The Contractor should recycle as much of the C&amp;D materials as possible on-site. Public fill and C&amp;D waste should be segregated and stored in different containers or skips to enhance reuse or recycling of materials and their proper disposal. Where practicable, concrete and</li> </ul>	sites	
		masonry can be crushed and used as fill. Steel reinforcement bar can be used by scrap steel mills. Different areas of the sites should be considered for such segregation and storage.		
S8.2.12- S8.3.15	WM3	Chemical Waste         • Chemical waste that is produced, as defined by Schedule         1 of the Waste Disposal (Chemical Waste) (General)         Regulation, should be handled in accordance with the Code of Practice on the Packaging, Labelling and Storage	All construction sites	V
		of Chemical Wastes. • Containers used for the storage of chemical wastes should be suitable for the substance they are holding, resistant to corrosion, maintained in a good condition, and securely closed; have a capacity of less than 450 liters unless the specification has been approved by the EPD; and display a label in English and Chinese in accordance with instructions prescribed in Schedule 2 of the regulation.		
		<ul> <li>The storage area for chemical wastes should be clearly labeled and used solely for the storage of chemical waste; enclosed on at least 3 sides; have an impermeable floor and bunding of sufficient capacity to accommodate 110% of the volume of the largest container or 20 % of the total volume of waste stored in that area, whichever is the greatest; have adequate ventilation; covered to prevent rainfall entering; and arranged so that incompatible materials are adequately separated.</li> <li>Disposal of chemical waste should be via a licensed</li> </ul>		
		waste collector; be to a facility licensed to receive chemical waste, such as the Chemical Waste Treatment Centre which also offers chemical waste collection service and can supply the necessary storage containers; or be to a reuser of the waste, under approval from the EPD.		
S8.3.16	WM4	<ul> <li>Sewage</li> <li>Adequate numbers of portable toilets should be provided for the workers. The portable toilets should be maintained in a state which will not deter the workers from utilizing these portable toilets. Night soil should be collected by licensed collectors regularly.</li> </ul>	All construction sites	V
S8.3.17	WM5	<ul> <li>General Refuse</li> <li>General refuse generated on-site should be stored in enclosed bins or compaction units separately from construction and chemical wastes.</li> <li>A reputable waste collector should be employed by the Contractor to remove general refuse from the site, separately from construction and chemical wastes, on a daily basis to minimize odour, pest and litter impacts. Burning of refuse on construction sites is prohibited by</li> </ul>	All construction sites	V

EIA Ref.	EM&A Log Ref.	Recommended Mitigation Measures	Location of the measures	Implementation Status
		law.		
		Aluminium cans are often recovered from the waste		
		stream by individual collectors if they are segregated and		
		made easily accessible. Separate labelled bins for their		
		deposit should be provided if feasible.		
		· Office wastes can be reduced through the recycling of		
		paper if volumes are large enough to warrant collection.		
		Participation in a local collection scheme should be		
		considered by the Contractor.		
		Training should be provided to workers about the		
		concepts of site cleanliness and appropriate waste		
		management procedure, including reduction, reuse and		
		recycling of wastes.		
		uction Phase)		
S9.11.1.7	W2	Land Works	Land-based	V
		General construction activities on land should also be	works area	
		governed by standard good working practice. Specific		
		measures to be written into the works contracts should include:		
		wastewater from temporary site facilities should be		
		controlled to prevent direct discharge to surface or marine		
		waters;		
		• sewage effluent and discharges from on-site kitchen		
		facilities shall be directed to Government sewer in		
		accordance with the requirements of the WPCO or		
		collected for disposal offsite. The use of soakaways shall		
		be avoided;		
		storm drainage shall be directed to storm drains via		
		adequately designed sand/silt removal facilities such as		
		sand traps, silt traps and sediment basins. Channels,		
		earth bunds or sand bag barriers should be provided on		
		site to properly direct stormwater to such silt removal		
		facilities. Catchpits and perimeter channels should be		
		constructed in advance of site formation works and		
		earthworks;		
		• silt removal facilities, channels and manholes shall be		
		maintained and any deposited silt and grit shall be		
		removed regularly, including specifically at the onset of		
		<ul><li>and after each rainstorm;</li><li>temporary access roads should be surfaced with crushed</li></ul>		
		stone or gravel;		
		<ul> <li>rainwater pumped out from trenches or foundation excavations should be discharged into storm drains via</li> </ul>		
		silt removal facilities;		
		• measures should be taken to prevent the washout of		
		construction materials, soil, silt or debris into any drainage		
		system;		
		open stockpiles of construction materials (e.g. aggregates		
		and sand) on site should be covered with tarpaulin or		
		similar fabric during rainstorms;		
		manholes (including any newly constructed ones) should		
		always be adequately covered and temporarily sealed so		
		as to prevent silt, construction materials or debris from		
		getting into the drainage system, and to prevent storm		
		run-off from getting into foul sewers;		
		<ul> <li>discharges of surface run-off into foul sewers must always</li> </ul>		
		be prevented in order not to unduly overload the foul		
		sewerage system;		
S9.11.1.7	W2	all vehicles and plant should be cleaned before they leave	Land-based	V
		the construction site to ensure that no earth, mud or	works area	
		debris is deposited by them on roads. A wheel washing		
		bay should be provided at every site exit;		
		· wheel wash overflow shall be directed to silt removal		
		facilities before being discharged to the storm drain;		
		· the section of construction road between the wheel		

EIA Ref.	EM&A Log Ref.	Recommended Mitigation Measures	Location of the measures	Implementation Status
		washing bay and the public road should be surfaced with		
		crushed stone or coarse gravel; • wastewater generated from concreting, plastering,		
		Internal decoration, cleaning work and other similar		
		activities, shall be screened to remove large objects;		
		• vehicle and plant servicing areas, vehicle wash bays and		
		lubrication facilities shall be located under roofed areas.		
		The drainage in these covered areas shall be connected to foul sewers via a petrol interceptor in accordance with		
		the requirements of the WPCO or collected for off site disposal;		
		<ul> <li>the contractors shall prepare an oil / chemical cleanup plan and ensure that leakages or spillages are contained and cleaned up immediately;</li> </ul>		
		<ul> <li>waste oil should be collected and stored for recycling or</li> </ul>		
		disposal, in accordance with the Waste Disposal Ordinance;		
		• all fuel tanks and chemical storage areas should be		
		provided with locks and be sited on sealed areas. The storage areas should be surrounded by bunds with a		
		capacity equal to 110% of the storage capacity of the		
		largest tank; and		
		• surface run-off from bunded areas should pass through		
		oil/grease traps prior to discharge to the stormwater		
Ecology (Co	onstruction	system.		
S10.7	E4	Watering to reduce dust generation; prevention of siltation	Land-based	V
		of freshwater habitats; Site runoff should be desilted, to	works areas	
		reduce the potential for suspended sediments, organics		
		and other contaminants to enter streams and standing freshwater		
S10.7	E5	Good site practices, including strictly following the	Land-based	V
01011	20	permitted works hours, using quieter machines where	works areas	•
		practicable, and avoiding excessive lightings during night		
0.40 -		time		
S10.7	E8	Control vessel speed     Chinese training	Marine Traffic	V
		<ul> <li>Skipper training</li> <li>Predefined and regular routes for working vessels; avoid</li> </ul>	Tranic	
		Brother Islands.		
Fisheries				
S11.7	F4	Maritime Oil Spill Response Plan (MOSRP);	HKBCF	V
		Contingency plan.		
		Detailed Design Phase)		
S14.3.3.1	LV1	General design measures include: • Roadside planting and planting along the edge of the	HKBCF	V
		HKBCF Island is proposed;		
		Transplanting of mature trees in good health and amenity		
		value where appropriate and reinstatement of areas		
		disturbed during construction by compensatory hydro-		
		seeding and planting; • Protection measures for the trees to be retained during		
		construction activities;		
		Optimizing the sizes and spacing of the bridge columns;		
		· Fine-tuning the location of the bridge columns to avoid		
		visually-sensitive locations;		
		• Providing planting area around peripheral of HKBCF for		
		tree planting screening effect;		
		<ul> <li>Providing salt-tolerant native trees along the planter strip at affected seawall and newly reclaimed coastline;</li> </ul>		
		• For HKBCF, providing aesthetic architectural design on		
		the related buildings (e.g. similar materials for PCB		
		building facade to Airport buildings, roof planting and		
		subtle materials for other facilities buildings and so on),		
		and the related infrastructure (e.g. parapet planting and		l

EIA Ref.	EM&A Log	Recommended Mitigation Measures	Location of the	Implementation Status
	Ref.		measures	Status
		transparent cover for elevated footbridges) to provide		
		harmonious atmosphere of the HKBCF; and		
		• Fine-tuning the sizes of the structural members to		
		minimize the bulkiness of buildings and adjustment of		
		building arrangement to minimise disturbance to		
		surrounding vegetation in the HKBCF.		
Landscape	& Visual (0	Construction Phase)		
S14.3.3.3	LV2	Mitigate both Landscape and Visual Impacts	HKBCF	N/A
		G1. Grass-hydroseed bare soil surface and stock pile areas.		
		G2. Add planting strip and automatic irrigation system if		
		appropriate at some portions of bridge footbridge to		
		screen bridge and traffic.		
		G3. Not applicable as this is for HKLR.		
		G4. For HKBCF, providing aesthetic architectural design on		
		the related buildings (e.g. similar materials for PCB		
		building facade to Airport buildings, roof planting and		
		subtle materials for other facilities buildings and so on),		
		and the related infrastructure (e.g. parapet planting and		
		transparent cover for elevated footbridges) to provide		
		harmonious atmosphere of the HKBCF		
		G5. Vegetation reinstatement and upgrading to disturbed		
		areas		
		G6. Maximizing new tree shrub and other vegetation		
		planting to compensate tree felled and vegetation		
		removed		
		G7. Providing planting area around peripheral of HKBCF for		
		tree planting screening effect;		
		G8. Plant salt-tolerant native and shrubs etc along the		
		с. С		
		planter strip at affected seawall.		
		G9. Reserve of loose natural granite rocks for re-use,		
		Provide new coastline to adopt "natural-look" by means		
		of using armour rocks in the form of natural rock		
		materials and planting strip area accommodating		
		screen buffer to enhance "natural-look" of the new		
S14.3.3.3	LV3	coastline. Mitigate Visual Impacts	HKBCF	N/A
314.3.3.3	LVS	V1. Minimize time for construction activities during	пкрсг	N/A
		construction period. V2. Provide screen hoarding at the portion of the project site		
		/ works areas / storage areas near VSRs who have		
		close low-level views to the Project during HKBCF		
		construction.		
EM&A	1		l	
S15.2.2	EM1	An Independent Environmental Checker needs to be	All	V
010.2.2		employed as per the EM&A Manual	construction	v
		Chipioyou as per the Livian Marian		
S15 5	EM2	1) An Environmental Team needs to be employed as par the	sites All	V
S15.5 – S15.6		1) An Environmental Team needs to be employed as per the EM&A Manual.	construction	v
313.0				
		2) Prepare a systematic Environmental Management Plan to	sites	
		ensure effective implementation of the mitigation		
		measures.		
		3) An environmental impact monitoring needs to be		
		implementing by the Environmental Team to ensure all		
		the requirements given in the EM&A Manual are fully		
		complied with.		

Legend: V = implemented;

N/A = not applicable

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Report No.: 0165/15/ED/0653

Appendix F

**Site Audit Findings and Corrective Actions** 

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### Appendix F – Site Audit Findings and Corrective Actions

Site inspections were carried out on a weekly basis to monitor the implementation of proper environmental pollution control and mitigation measures for the Project (site audit of 21 October 2016 was cancelled due to hoisting of typhoon signal no. 8 on 21 October 2016 and re-scheduled to 28 October 2016). During the reporting period, 13 site inspections were carried out on 01, 08, 15, 22 and 28 September 2016 (includes Contract No. HY/2013/06 within Contract No. HY/2013/03 works area on 15, 22 and 28 September 2016), 06, 13, 27 and 28 October 2016, and 03, 10, 17 and 25 November 2016.

Particular observations during the site inspections are described below.

#### For Contract No. HY/2013/03

#### 26 Aug 2016

- 1. CHEC was reminded to increase watering for dust suppression on site. Subsequently, watering was increased for dust suppression on site. The observation was closed on 01 September 2016.
- 2. CHEC was reminded to remove general refuse accumulated at A2 Bridge area. Subsequently, general refuse was removed at A2 Bridge area. The observation was closed on 08 September 2016.

01 Sept 2016

- 1. CHEC is reminded to provide drip tray for chemicals at CUE & Box Culvert. Subsequently, chemicals were removed at CUE & Box Culvert. The observation was closed on 08 September 2016.
- 2. CHEC is reminded to remove stagnant water on site. Subsequently, stagnant water was removed on site. The observation was closed on 08 September 2016.
- 3. CHEC is reminded to ensure no oil leakage from the generator at Box Culvert. Subsequently, no oil leakage from the generator at Box Culvert. The observation was closed on 08 September 2016.

08 Sept 2016

1. CHEC was reminded to clear the stagnant water accumulated at CUE works area. Subsequently, stagnant water was cleared at CUE works area. The observation was closed on 15 September 2016.

15 Sept 2016

- 1. CHEC was reminded to clear the stagnant water accumulated at Building 037. Subsequently, stagnant water was cleared at Building 037. The observation was closed on 28 September 2016.
- 2. CHEC was reminded to remove the general refuse accumulated at Building 037. Subsequently, general refuse was removed at Building 037. The observation was closed on 28 September 2016.

22 Sept 2016

1. CHEC was reminded to provide drip tray for chemical containers at Bridge A7 Area. Subsequently, additional drip tray was provided for chemical container at Bridge A7 Area. The observation was closed on 28 September 2016.

28 Sept 2016

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#### Report No.: 0165/15/ED/0653

1. CHEC was reminded to increase watering for dust suppression on site. Subsequently, watering was increased for dust suppression on site. The observation was closed on 06 October 2016.

#### 06 Oct 2016

1. CHEC is reminded to maintain good housekeeping on site (Building 041). Subsequently, good housekeeping was maintained on site (Building 041). The observation was closed on 13 October 2016.

#### 13 Oct 2016

1. CHEC was reminded to remove the stagnant water accumulated at the lifting holes of the precast concretes on site. Subsequently, stagnant water was removed at the lifting holes of the precast concretes on site. The observation was closed on 27 October 2016.

#### 21 Oct 2016

1. Site inspection was cancelled due to hoisting of typhoon signal no. 8 on 21 Oct 2016 and re-scheduled to 28 Oct 2016.

#### 27 Oct 2016

- 1. CHEC is reminded to maintain proper housekeeping on site (CUE works area). Subsequently, proper housekeeping was maintained on site. The observation was closed on 03 November 2016.
- 2. CHEC is reminded to remove stagnant water on site (CUE works area). Subsequently, stagnant water was removed on site. The observation was closed on 03 November 2016.

#### 28 Oct 2016

- 1. CHEC was reminded to increase watering for dust suppression on site. Subsequently, watering was increased on site. The observation was closed on 03 November 2016.
- 2. CHEC was reminded to clear the stagnant water accumulated at Building 037. Subsequently, stagnant water was cleared at Building 037. The observation was closed on 03 November 2016.
- 3. CHEC was reminded to remove the general refuse accumulated at Building 037. Subsequently, general refuse was removed at Building 037. The observation was closed on 03 November 2016.

#### 03 Nov 2016

- 1. CHEC is reminded to properly maintain housekeeping on site (CUE). Subsequently, housekeeping was maintained properly on site. The observation was closed on 10 November 2016.
- 2. CHEC is reminded to properly maintain equipment (generator) on site (Box Culvert D). Subsequently, the equipment was properly maintained on site. The observation was closed on 10 November 2016.

#### 10 Nov 2016

1. CHEC was reminded to maintain housekeeping practice at CUE works area. Subsequently, housekeeping practice was maintained at CUE works area. The observation was closed on 17 November 2016.

17 Nov 2016

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#### Report No.: 0165/15/ED/0653

1. CHEC is reminded to maintain proper housekeeping on site (Building 043). Subsequently. proper housekeeping was maintained on site. The observation was closed on 25 November 2016.

25 Nov 2016

- 1. CHEC was reminded to provide drip tray for chemical containers at CUE works area. Follow-up actions for outstanding observation will be checked in the upcoming site inspections and reported in the coming reporting period.
- 2. CHEC was reminded to remove stagnant water accumulated at Building 037 and Bridge A7 area. Follow-up actions for outstanding observation will be checked in the upcoming site inspections and reported in the coming reporting period.
- 3. CHEC was reminded to enhance watering for dusty operation at Bridge A7 area. Follow-up actions for outstanding observation will be checked in the upcoming site inspections and reported in the coming reporting period.

#### For Contract No. HY/2013/06 within Contract No. HY/2013/03 works area

15 Sept 2016

1. Nil findings.

22 Sept 2016

1. Nil findings.

28 Sept 2016

1. Nil findings.

06 Oct 2016

1. Nil findings.

### 13 Oct 2016

1. Nil findings.

21 Oct 2016

1. Site inspection was cancelled due to hoisting of typhoon signal no. 8 on 21 Oct 2016 and re-scheduled to 28 Oct 2016.

27 Oct 2016

1. Nil findings.

28 Oct 2016

1. Nil findings.

03 Nov 2016

1. Nil findings.

10 Nov 2016

1. Nil findings.

17 Nov 2016

1. Nil findings.

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<u>25 Nov 20</u>16 1. Nil findings.

The Contractor has rectified most of the observations as identified during environmental site inspections during the reporting period. Follow-up actions for outstanding observations will be inspected during the next site inspections.

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Appendix G

Waste Flow Table



Contract No. HY/2013/03 Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities

# Monthly Summary of Waste Flow Table for <u>2016</u> (year)

Name of Person completing the Record: Marko Chan

	Actual Qu	antities of Ine	ert C&D Mater	ials Generate	Actual Quantities of Non-inert C&D Wastes Generated Monthly						
Month	Total Quantity Generated	Broken Concrete	Reused in the Contract	Reused in other	Disposed as Public Fill	Metals	Paper/ cardboard	Plastics	Chemical Waste	Others, e.g. general	
		(see Note 1)		Projects			packaging	(see Note 2)		refuse	
	(in '000m ³ )	(in '000m ³ )	(in '000m ³ )	(in '000m ³ ) (in '000m ³ ) (		(in '000 Kg)	(in '000 Kg)	(in '000 Kg)	(in '000 Kg)	(in '000m ³ )	
Jan	0.000	0	0	0	0.000	0	0.992	0	0	0.073	
Feb	0.000	0	0	0	0.000	0	0	0	0	0.093	
Mar	0.087	0	0	0	0.087	0	0.392	0	0	0.200	
Apr	0.184	0	0	0	0.184	0	0.411	0	0	0.224	
May	0.203	0	0	0	0.203	0	0	0	0	0.293	
Jun	0.244	0	0	0	0.244	0	0.413	0	0	0.322	
Jul	2.429	0	0	0	2.429	0	0.419	0	0	0.312	
Aug	0.057	0	0	0	0.057	0	0.340	0	0	0.288	
Sept	0.000	0	0	0	0.000	0	0	0	0	0.327	
Oct	0.379	0	0	0	0.379	0	0.400	0	0	0.332	
Nov	0.229	0	0	0	0.229	0	0.389	0	0	0.644	
Dec											
Total	3.812	0.000	0.000	0.000	3.812	0.000	3.756	0.000	0.000	3.108	

Notes:

(1) Broken concrete for recycling into aggregates.

(2) Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging material.

Month	Total Quantity of Excavated Marine Sediment Generated	Reused in this contract	Reused in other Projects	Disposed of at CMP
	in '000m ³	in '000m ³	in '000m ³	in '000m ³
Jan	1.950	0	0	1.950
Feb	2.328	0	0	2.328
Mar	2.464	0	0	2.464
Apr	5.602	0	0	5.602
Мау	0	0	0	0
Jun	4.584	0	0	4.584
Jul	10.728	0	0	10.728
Aug	1.544	0	0	1.544
Sep	6.816	0	0	6.816
Oct	2.376	0	0	2.376
Nov	0	0	0	0
Dec				
Total	38.392	0.000	0.000	38.392

# Monthly Summary of Excavated Marine Sediment for 2016 (year)



#### Monthly Summary Waste Flow Table

Project name 工程項目名稱 :<u>Contract No. HY/2013/06 Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities-Automatic Vehicle Clearance Support System</u> Location 工程地點<u>:Artifical Island of HKIAP</u> Year:2016

	Inert C	&D Waste	disposal 墮 [/]	生廢物(in to	nnes) (see l	Note 1)	dispo 非墮性	n-inert C&D Waste disposal / 非墮性廢物 (in tonnes) Waste to be recycled and returned / 可再循環利用或回收的廢物										
Month	Reused in the Work Package (e.g. backfilling) / 再用於工程 (如回塡)		Reused in other Projects / 再用於其他工程		Inert Waste (e.g. soil, broken concrete, rubble, fill material etc.) / 墮性廢物(如泥, 石矢頭, 石, 塡料等)		refuse, broken formwork etc) / 甘曲		Metals / 金屬		Plastic / 塑膠		Paper/cardboard packaging / 廢紙/包裝紙類		Chemica 化學		Total Quantity Generated / 總生產量	
	(b	<b>)</b> )	(0	c)	(0	d)	(	e)	(in to	nnes)	(in to	nnes)	(in to	nnes)	(in l	itre)	(a)= (b-	+c+d+e)
	Est./ 估計數量)	Act./ (實際數量)	Est./ 估計數量)	Act./ (實際數量)	Est./ 估計數量)	Act./ (實際數量)	Est./ 估計數量)	Act./ (實際數量)	Est./ 估計數量)	Act./ (實際數量)	Est./ 估計數量)	Act./ (實際數量)	Est./ 估計數量)	Act./ (實際數量)	Est./ 估計數量)	Act./ (實際數量)	Est./ 估計數量)	Act./ (實際數量)
January																		
February																		
March																		
April																		
May																		
June																		
July																		
August																		
September	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.002	0.002	N/A	N/A	0.002	0.002
October	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.002	0.002	N/A	N/A	0.002	0.002
November	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.002	0.002	N/A	N/A	0.002	0.002
December																		
Total	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.006	0.000	0.000	0.006	0.006

Notes: (1) The quantitles of C&D Materials, in tonne, was calculated by multiply the estimated volume, in m3, with the density of the soil, which is 1.5 gcm-³.

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**Appendix H** 

**Environmental Licenses and Permits** 

# Appendix H - Environmental Permit / Licences Summary for Contract No. HY/2013/03

Item	Permit/Licence Registration	Permit No.	Work Area	Application Date	Issue Date	Valid From	Date To	Status	Remark
1	Environmental Permit Pursuant to Environmental Impact Assessment Ordinance	EP-353/2009/K	HKBCF	24-Mar-16	11-Apr-16	11-Apr-16	Nil	Valid	
2	Notification Pursuant to Section 3(1) of The Air Pollution Control (Construction Dust) Regulation	Ref No. 387703	Main Site Area	15-Apr-15	15-Apr-15	15-Apr-15	Nil	Valid	
3	Notification Pursuant to Section 3(1) of The Air Pollution Control (Construction Dust) Regulation	Ref No. 387735	Works Area WA3	15-Apr-15	15-Apr-15	15-Apr-15	Nil	Valid	
4	Billing A/C for Construction Waste Disposal Pursuant to Section 6 & 9 of the Waste Disposal (Charges for Disposal of Construction waste) Regulation	A/C No. 7022228	Main Site Area, WA3 & 4	15-Apr-15	06-May-15	06-May-15	Nil	Valid	
5	Registration as Waste Producer Pursuant to Waste Disposal (Chemical Waste) (General) Regulation	5213-951-C1186-28	Main Site Area	28-Apr-15	01-Jun-15	01-Jun-15	Nil	Valid	
6	Registration as Waste Producer Pursuant to Waste Disposal (Chemical Waste) (General) Regulation	5213-974-C3597-03	Works Area WA4	28-Apr-15	01-Jun-15	01-Jun-15	Nil	Valid	
7	Water Discharge License Pursuant to Water Pollution Control Ordinance (Cap 358)	WT00022180-2015	Works Area WA3	29-Apr-15	04-Aug-15	03-Aug-15	31-Aug-20	Valid	
8	Water Discharge License Pursuant to Water Pollution Control Ordinance (Cap 358)	WT00022391-2015	Main Site Area	06-May-15	04-Sep-15	04-Sep-15	30-Sep-20	Superseded	
9	Water Discharge License Pursuant to Water Pollution Control Ordinance (Cap 358)	WT00025384-2016	Main Site Area	09-Mar-16	10-Nov-16	10-Nov-16	30-Sep-20	Valid	
10	Construction Noise Permit Pursuant to Section 8(6) of the Noise Control Ordinance	GW-RS0607-16	Main Site Area	02-Jun-16	16-Jun-16	19-Jun-16	18-Sep-16	Superseded	
11	Construction Noise Permit Pursuant to Section 8(6) of the Noise Control Ordinance	PP-RS0020-16	Portion A, G & H	13-Jul-16	27-Jul-16	28-Jul-16	24-Jan-17	Superseded	
12	Construction Noise Permit Pursuant to Section 8(6) of the Noise Control Ordinance	GW-RS0933-16	Main Site Area	18-Aug-16	01-Sep-16	05-Sep-16	31-Dec-16	Valid	
13	Construction Noise Permit Pursuant to Section 8(6) of the Noise Control Ordinance	GW-RS0960-16	Main Site Area	06-Sep-16	15-Sep-16	19-Sep-16	18-Dec-16	Valid	
14	Construction Noise Permit Pursuant to Section 8(6) of the Noise Control Ordinance	PP-RS0028-16	Portion A, G, H & N	15-Sep-16	29-Sep-16	03-Oct-16	02-Apr-17	Valid	

15	Permit issued Under the Dumping at Sea Ordinance	EP/MD/17-088	East of Sha Chau (CMP Vd)	16-Aug-16	26-Aug-16	01-Sep-16	30-Sep-16	Valid until 30-Sep-16	
16	Permit issued Under the Dumping at Sea Ordinance	EP/MD/17-105	East of Sha Chau (CMP Vd)	15-Sep-16	27-Sep-16	01-Oct-16	31-Oct-16	Valid until 31-Oct-16	
17	Permit issued Under the Dumping at Sea Ordinance	EP/MD/17-132	East of Sha Chau (CMP Vd)	03-Nov-16	30-Nov-16	05-Dec-16	04-Jan-17	To be Valid from 05-Dec-16	
18	Permit issued Under the Dumping at Sea Ordinance	EP/MD/17-140	East of Sha Chau (CMP Va) or South of Brothers (CMP2)	14-Nov-16	30-Nov-16	30-Nov-16	29-Dec-16	Valid	

# Environmental Permit / Licences Summary for Contract No. HY/2013/06 within the HY/2013/03 site works area

Itom	Dommit/Licence Desistration	Permit No.	Work Area	Application Data	Issue Date	Valid	Date	Status	Remark
Item	Permit/Licence Registration	Permit No.	work Area	Application Date	Issue Date	From	То	Status	
1	Environmental Permit	EP-353/2009/K	HKBCF	24-Mar-16	11-Apr-16	11-Apr-16	Nil	Valid	
1	Pursuant to Environmental Impact Assessment Ordinance	EI -333/2007/K	IIKDCI	24-Wai-10	11-Api-10	11-Api-10	1111	vallu	
	Billing A/C for Construction Waste Disposal								
2	Pursuant to Section 6 & 9 of the Waste Disposal (Charges for	A/C No. 7023015	Main Site Area	07-Aug-15	20-Aug-15	20-Aug-15	Nil	Valid	
	Disposal of Construction waste) Regulation								
2	Registration as Waste Producer	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	#
5	Pursuant to Waste Disposal (Chemical Waste) (General) Regulation	IN.A.	IN.A.	IN.A.	1 <b>N.A.</b>	1 <b>N.A.</b>	1 <b>N.A.</b>	IN.A.	

# The Contractor of Contract No. HY/2013/06 was advised to register as a chemical waste producer when chemical waste is expected to generate for the foreseeable future from the operations.

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Report No.: 0165/15/ED/0653

Appendix I

Statistics on Environmental Complaints, Notification of Summons and Successful Prosecutions

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Statistics on Environmental Complaints, Notifications of Summons and Successful Prosecutions

#### For Contract No. HY/2013/03

	Cumulative Statistics		
Reporting Period	Complaints	Notifications of Summons	Successful Prosecutions
This reporting period	2	0	0
From commencement date of construction to end of reporting period	3	0	0

For Contract No. HY/2013/06 within Contract No. HY/2013/03 works area

	Cumulative Statistics		
Reporting Period	Complaints	Notifications of	Successful
		Summons	Prosecutions
This reporting period	0	0	0
From commencement	0	0	0
date of construction to			
end of reporting month			