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本智楷號 OUR REF: (15) in EP2/N7/A/78 Pt.27 來適檔號 YOUR REF 231448/(CV/2017/02)/M45/960/B02273 電話 TEL, NO. ; 2835 1142 圖文傳裏 FAX NO 電子郵件 E-MAIL; 網址 HOMEPAGE: http://www.epd.gov.hk

Environmental Protection Department Branch Office 28th Floor, Southorn Centre, 130 Hennessy Road, Wan Chal, Hong Kong.



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// August 2022

By Post & Fax: 2611 9699

ARUP

Level 5 Festival Walk 80 Tat Chee Avenue Kowloon Tong Kowloon, Hong Kong (Attn: Mr. Anthony LAU)

Dear Mr. LAU,

Environmental Impact Assessment (EIA) Ordinance (Cap. 499) Site Formation and Associated Infrastructural Works for Development of Columbarium, Crematorium and Related Facilities at Sandy Ridge Cemetery

## Employment of Environmental Team (Environmental Permit No. EP-534/2017/A – EP Condition 2.1)

I refer to your letter dated 5.8.2022 enclosing the proposal for employment of Environmental Team (ET) under EP Condition 2.1 for our approval.

2. Pursuant to Condition 2.1 of EP No. EP-534/2017/A, please be advised that the proposed ET is hereby approved. The ET is required to carry out the duties as specified in Conditions 2.2 and 2.3 of the captioned EP.

3. Should you have any queries, please contact the undersigned or our Mr. Alex Lyn at 2835 1117.

Yours sincerely,

Ma chi Wai

(Dr. MA Chi Wai) Acting Senior Environmental Protection Officer for Director of Environmental Protection

CEDD-DPTL (Land Works)

(Attn.: Steven SHUM)

Fax No. 2714 0079

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LAND WORKS DIVISION CIVIL ENGINEERING OFFICE CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT 2/F, CIVIL ENGINEERING AND DEVELOPMENT BUILDING 101, PRINCESS MARGARET ROAD HOMANTIN, KOWLOON HONG KONG

Attention: Mr. Steven SHUM

2 August 2022

Dear Steven,

Site Formation and Associated Infrastructural Works for Development of Columbarium, Crematorium and Related Facilities at Sandy Ridge Cemetery Contract No. CV/2017/02 Development of Columbarium at Sandy Ridge Cemetery – Infrastructural Works at Man Kam To Road and Lin Ma Hang Road PROPOSAL ON MINIMUM ON-SITE TIME FOR THE ET LEADER AND ET

I refer to the email of the ET dated 1 August 2022 concerning the captioned. We have no adverse comment on the proposal with Document No. TCS00944/18/600/R0152v4a and verify it according to section 1.9 of the EP-534/2017A.

Yours faithfully,

CH Leung

Leung CH Jacky Independent Environmental Checker

cc. ARUP – Mr. LEE Davis ET Leader – Mr. TAM



PROJECT NO.: TCS/00944/18

#### CEDD CONTRACT CV/2017/02 Development of Columbarium at Sandy Ridge Cemetery – Infrastructural Works at Man Kam To Road and Lin Ma Hang Road

SUBMISSION UNDER ENVIRONMENTAL PERMIT: EP-534/2017/A and covers the geographical area of Contract CV/2017/02

# PROPOSAL ON MINIMUM ON-SITE TIME FOR THE ENVIRONMENTAL TEAM (ET) LEADER AND ET

PREPARED FOR SANG HING CIVIL CONTRACTORS COMPANY LIMITED

#### **Quality Index**

Date	Reference No.	Prepared By	Certified by
1 August 2022	TCS00944/18/600/R0152v4a	Nicola Hon (Environmental Consultant)	T.W. Tam (Environmental Team Leader)

Ver.	Date	Description
1	28 Feb 2020	First submission
2	24 Dec 2020	Amended according to EPD's comments
3	18 Nov 2021	Amended according to EPD's comments
4	13 July 2022	Amended according to EPD's comments
4a	1 Aug 2022	Amended according to EPD's comments

This report has been prepared by Action-United Environmental Services & Consulting with all reasonable skill, care and diligence within the terms of the Agreement with the client, incorporating our General Terms and Conditions of Business and taking account of the resources devoted to it by agreement with the client. We disclaim any responsibility to the client and others in respect of any matters outside the scope of the above. This report is confidential to the client and we accept no responsibility of whatsoever nature to third parties to whom this report, or any part thereof, is made known. Any such party relies upon the report at their own risk.

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#### 1 **INTRODUCTION**

#### 1.1 Background

- 1.1.1 Site Formation and Associated Infrastructural Works for Development of Columbarium, Crematorium and Related Facilities at Sandy Ridge Cemetery" (hereafter referred as "the Project") is classified as Designated Project which required Environmental Permit as per Schedule 2, Part 1 of the EIAO.
- 1.1.2 The Environmental Impact Assessment (EIA) Report for the Project was approved under the EIAO Ordinance in August 2016. An Environmental Permit No. EP-534/2017 was issued to Civil Engineering and Development Department (CEDD) on 7 April 2017 and FEP-01/534/2017 was issued to Hsin Chong Tsun Yip Joint Venture on 23 February 2018. After the project commencement, variation of EP was applied by the Permit Holder and EP no. EP-534/2017/A and FEP-01/534/2017/A were subsequently issued on 24 December 2018.

#### 1.2 **Project Description**

- 1.2.1 The location of the Designated Project is located in Sandy Ridge Cemetery, New Territories and the location of the Project is shown in Appendix A. The Project mainly comprises of:
  - Site formation of about 5.5 hectares of land and associated drainage, sewerage and landscape works for development of Columbarium and Crematorium facilities at the Sandy Ridge Cemetery;
  - Construction of a new road (about 800m) connecting the Crematorium and Man Kam To Road and the pick-up/drop-off point at Man Kam To Road;
  - Widening of two sections of the existing Sha Ling Road (about 900m and 500m respectively);
  - Widening of about 1.4km of the existing Lin Ma Hang Road; and ٠
  - Improvement works to the existing barging point at Siu Lam •
- 1.2.2 To facilitate the Project management, the Project were separated into three different Work Contracts and they are listed below.
  - CEDD Contract No. CV/2016/10 - Site Formation and Associated Infrastructural Works for Development of Columbarium at Sandy Ridge Cemetery (hereafter referred as "Contract 1") and implemented under FEP-01/534/2017/A
  - CEDD Contract No. CV/2017/02 Infrastructural Works at Man Kam To Road and Lin Ma • Hang Road for Development of Columbarium at Sandy Ridge Cemetery (hereafter referred as "Contract 2") and implemented under EP-534/2017/A
  - CEDD Contract No. (to be confirmed) (hereafter referred as "Contract 3")
- Sang Hing Civil Contractors Co., Ltd (hereinafter called the "Sang Hing" / "Main Contractor of 1.2.3 Contract 2") was awarded the CEDD Contract No. CV/2017/02 "Development of Columbarium at Sandy Ridge Cemetery - Infrastructural Works at Man Kam To Road and Lin Ma Hang Road" on 23 May 2018. The geographical location of Contract 2 under EP-534/2017/A and layout plan of Contract 2 is shown in Appendix B. Major works to be executed under the Contract 2 shall include the following:
  - (i) Construction of a new road connecting Columbarium site to Crematorium site;
  - (ii) Construction of one EVA with a total length of about 300m;
  - Widening of a section of 1.4 km long Lin Ma Hang Road (between Man Kam To Road (iii) and Ping Yuen River) from 6m wide carriageway to 7.3m with 2m width footpath on both sides;
  - (iv) Provision of a pair of lay-by at Lin Ma Hang Road;
  - Construction of a new vehicular access connecting the Sheung Shui Landmark North PTI (v) and Lung Sum Avenue;
  - Construction of covered walkway along Fanling Station Road; (vi)
- Removal of planters and central divider along Fanling Station Road and San Wan Road; (vii) Z:\Jobs\2018\TCS00944 (CV-2017-02)\600\Weekly Site Inspection\Proposal on the Site Inspection, Deficiency and Action Reporting



- (viii) Associated drainage, sewerage, waterworks and utility works along Man Kam To Road and Lin Ma Hang Road;
- (ix) Associated geotechnical works including cut and fill slopes, soil nailing works and retaining structures; and
- (x) Associated landscaping works.
- 1.2.4 Action-United Environmental Services & Consulting (hereinafter referred as "AUES") has been commissioned by Sang Hing as an Environmental Team (hereinafter referred as "the ET") for Contract 2 to implement the relevant EM&A programme in accordance with the approved EM&A Manual, as well as the associated duties. AUES does not have any association relationship and conflict of interest with the Main Contractor of Contract 2 and Independent Environmental Checker (IEC). The employment of ET and associated declaration letter are shown in *Appendix C*. Notification of commencement date of construction had been submitted to EPD no later than one month prior to the commencement of construction of the Project, and the relevant submission is shown in *Appendix D*.

#### **1.3 Project Organization**

- 1.3.1 The proposed project organization and lines of communication with respect to environmental protection works are shown in *Appendix E*.
- 1.3.2 The leader of the ET shall be an independent party from the Contractor and has relevant professional qualification, or have sufficient relevant EM&A experience subject to approval of the ET.
- 1.3.3 The responsibilities of respective parties are as follows:

#### The Contractor

- Implement the EIA recommendations and requirements;
- Employ an ET to undertake monitoring, laboratory analysis and reporting of environmental monitoring and audit;
- Provide assistance to ET in carrying out monitoring and auditing;
- Submit proposals on mitigation measures in case of exceedances of Action and Limit Levels in accordance with the Event and Action Plans;
- Implement measures to reduce impact where Action and Limit Levels are exceeded; and
- Adhere to the agreed procedures for carrying out compliant investigation.

#### Environmental Team

- Set up all the required environmental monitoring stations;
- Monitor various environmental parameters as required in the EM&A Manual;
- Analyse the environmental monitoring and audit data and review the success of EM&A programme to cost-effectively confirm the adequacy of mitigation measures implemented and the validity of the EIA predictions and to identify any adverse environmental impacts arising;
- Carry out site inspection to investigate and audit the Contractors' site practice, equipment and work methodologies with respect to pollution control and environmental mitigation, and take proactive actions to pre-empt problems;
- Audit and prepare audit reports on the environmental monitoring data and site environmental conditions;
- Report on the environmental monitoring and audit results to the IEC, Contractor, the ER and EPD or its delegated representative;
- Recommend suitable mitigation measures to the Contractor in the case of exceedance of Action and Limit Levels in accordance with the Event and Action Plans;
- Undertake regular on-site audits / inspections and report to the Contractor and the ER of any potential non-compliance;
- Follow up and close out non-compliance actions; and Adhere to the procedures



Engineer or Engineer's Representative

- Supervise the Contractor's activities and ensure that the requirements in the EM&A Manual are fully complied with;
- Inform the Contractor when action is required to reduce impacts in accordance with the Even and Action Plans;
- Assist the Project Proponent in employing an IEC to audit the results of the EM&A works carried out by the ET;
- Comply with the agreed Event Contingency Plan in the event of any exceedance; and
- Adhere to the procedures for carrying out complaint investigations.

Independent Environmental Checker

- Review the EM&A works performed by the ET (at not less than monthly intervals);
- Audit the monitoring activities and results (at not less than monthly intervals);
- Validate and confirm the accuracy of monitoring results, monitoring equipment, monitoring locations, monitoring procedures and location of sensitive receivers;
- Report the audit results to the ER and EPD in parallel;
- Review the EM&A reports (monthly and quarterly summary reports) submitted by the ET;
- Review the proposal on mitigation measures submitted by the Contractor in accordance with the Event and Action Plans;
- Check the mitigation measures submitted by the Contractor in accordance with the Event and Action Plans;
- Check the mitigation measures that have been recommended in the EIA and this Manual, and ensure they are properly;
- implemented in a timely manner, when necessary; and
- Report the findings of site inspections and other environmental performance reviews to ER and EPD.

#### **1.4** Nature of Project

- 1.4.1 The nature of Designated Project included a drainage channel which discharges into an area which is less than 300m from the nearest boundary of an existing conservation area. The potential environmental impact has been assessed in the EIA Report. It is recommended to implement an Environmental Monitoring & Audit (EM&A) programme throughout the entire construction period to regularly monitor the environmental impacts on the neighbouring sensitive receivers. All the requirements (including dust, airborne noise, water quality, waste management, land contamination, ecology, landscape & visual, and cultural heritage) in the EM&A Manual shall be complied with.
- 1.4.2 The construction works under the Contract 2 involved large amount of earthwork in site formation and ecologically important species and habitats that require special attention. To prevent the environmental impacts/ violation, of environmental legislation, and potential non-compliance / contravention incidents, according to the Contractor's latest construction programme, a proposal on minimum on-site time for the ET Leader and ET (hereinafter 'the Proposal') is established by the ET, which covers the relevant geographical area of the Contract 2.

#### **1.5 Objective of the Report**

- 1.5.1 Pursuant to Environmental Permit *EP-534/2017/A Condition 2.1*, the minimum on-site time for the ET Leader and ET and the qualifications of the specialist in the ET shall be proposed with justifications for approval of the Director. This is the proposal on minimum on-site time for the ET Leader and ET for the geographical location of Contract 2. The Proposal will be implemented throughout the construction period of the Project upon endorsement by EPD.
- 1.5.2 The Proposal is structured into four sections as follows:
  - 1 Introduction



- 2 The organization and duties of Environmental Team
- 3 Deficiency
- 4 Action Reporting Procedure
- 5 Review of minimum on-site time



#### 2 THE ORGANIZATION AND DUTIES OF ENVIRONMETNAL TEAM

#### 2.1 **Key Staff of Environmental Team**

- 2.1.1 An ET shall be established by the Permit Holder no later than one month before the commencement of construction of the Project. The ET shall not be in any way an associated body of the Contractor or the IEC for the Project. The Permit Holder shall provide a site office/suitable work accommodation on site to the ET for use. The ET shall be headed by an ET Leader and supported by relevant specialists including qualified ecologist(s) and Registered Landscape Architect. The ET Leader shall be a person who has at least 7 years of experience in EM&A or environmental management. The minimum on-site time for the ET Leader and ET, and the qualifications of the specialists in the ET shall be proposed with justifications for the approval of the Director.
- 2.1.2 The organisation chart of ET with the deployment of specific specialist is shown in *Figure 1* below.



#### 2.2 **Duties of Environmental Team**

- As stated in Condition 2.2 of the EP-534/2017/A, the ET and the ET Leader shall be 2.2.1 responsible for:
  - implementing the EM&A programme in accordance with the EM&A requirements as (i) contained in the EM&A Manual of the Project as mentioned in Condition 3.1;
  - certifying the environmental acceptability of permanent and temporary works, (ii) relevant plans and submissions required in the EM&A Manual and under this Permit;
  - (iii) carrying out site inspections to audit the Contractor's site practice and work methodologies with respect to environmental mitigation measures contained in the EM&A Manual of the Project and to take pro-active actions to pre-empt environmental problems;
  - notifying the IEC within one working day of the occurrence of each and every (iv) instance or circumstance or change of circumstances, which may affect the compliance with the recommendations of the approved EIA Report (Register No. AEIAR-198/2016) and this Permit; and
  - (v) keeping a contemporaneous log-book of any such instance or circumstance or change of circumstances. The log-book shall be kept readily available for inspection by all persons assisting in supervision of the implementation of the recommendations of the approved EIA Report (Register No. AEIAR-198/2016) and this Permit or by the Director or his authorized officers.



2.2.2 The qualifications of the proposed ETL and CV are shown in *Appendix F*.

#### 2.3 Employment of Qualified Ecologist(s)

- 2.3.1 According to *EP-534/2017/A Condition 2.4*, Qualified Ecologist(s) shall be appointed, no later than one month before commencement of the construction of the Project, to form part of the ET to carry out works relating to ecological aspects including but not limited to a details vegetation survey, baseline survey for Golden-headed Cisticola and submissions for the Project as required under Condition 2.14 to 2.20. Each Qualified Ecologist shall be a person who has at least 5 years of relevant experience. The qualification and experience of the Qualified Ecologist(s) shall be certified by the ET Leader and verified by the IEC.
- 2.3.2 A proposal for employment of Qualified Ecologist(s) (QE) including qualification and experience of the QE with justifications was submitted to EPD and approved on 16 May 2022. The relevant proposal and approval letter are shown in *Appendix G*.

#### 2.4 Duties of Registered Landscape Architect

- 2.4.1 According to *EP-534/2017/A Condition 2.5*, a Registered Landscape Architect shall be appointed, no later than one month before commencement of the construction of the Project, to form part of the ET to carry out works relating to landscape aspects including but not limited to auditing the mitigation measures to ensure compliance with the recommendations of the approved EIA Report (Register No. AEIAR-198/2016) to certify submissions for the Project as required under Conditions 2.21 to 2.22. The qualification and experience of the Registered Landscape Architect shall be certified by the ET Leader and verified by the IEC.
- 2.4.2 A proposal for employment of Registered Landscape Architect (RLA) including qualification and experience of the QE with justifications was submitted to EPD and approved on 14 July 2022. The relevant proposal and approval letter are shown in *Appendix H*.
- 2.4.3 Besides, as referred to S.3.1.1.3 of the EM&A Manual, the duties of the ET and ET Leader shall include the followings:
  - Set up all the required environmental monitoring stations;
  - Monitor various environmental parameters as required in the EM&A Manual;
  - Analyse the environmental monitoring and audit data and review the success of EM&A programme to cost-effectively confirm the adequacy of mitigation measures implemented and the validity of the EIA predictions and to identify any adverse environmental impacts arising;
  - Carry out site inspection to investigate and audit the Contractors' site practice, equipment and work methodologies with respect to pollution control and environmental mitigation, and take proactive actions to pre-empt problems;
  - Audit and prepare audit reports on the environmental monitoring data and site environmental conditions;
  - Report on the environmental monitoring and audit results to the IEC, Contractor, the ER and EPD or its delegated representative;
  - Recommend suitable mitigation measures to the Contractor in the case of exceedance of Action and Limit Levels in accordance with the Event and Action Plans;
  - Undertake regular on-site audits / inspections and report to the Contractor and the ER of any potential non-compliance;
  - Follow up and close out non-compliance actions; and
  - Adhere to the procedures

#### 2.5 Accommodation on site to the ET



room in site office with suitable furniture and internet access. The location of the ET's site accommodation is shown in *Appendix I*.

#### 2.6 Proposed Minimum On-site Time

2.6.1 According to the duties of the ET and ET Leader stated in the EM&A Manual and ET, responsibilities that have to be discharged on site included site audit, environmental monitoring, site meeting and keeping contemporaneous log-book. The justification of minimum on-site time of the ET, QE and RLA are show in *Tables 2-1, 2-2 and 2-3*. Geographical area that requires environmental monitoring and audit by the ET cover whole site boundary of Contract 2. The locations of environmental monitoring stations are shown in *Appendix J*.

Ite	Works to be	How to discharge duties (Purposes /	Approximate Time
1	carried out	duties and responsibility)	input by ET
	on-site	L V/	
1	General site inspection	<ul> <li>(i) To investigate and audit the Contractor's site practice and work methodologies with respect to environmental mitigation measures contained in the EM&amp;A Manual of the Project to take pro-active actions to pre-empt environmental problems;</li> <li>(ii) To review the effectiveness of environmental mitigation measures and performance of the Project;</li> <li>(iii) To identify any environmental deficiency and any non-compliance;</li> <li>(iv) Follow up and close out non-compliance actions;</li> <li>(v) Adhere to the procedure for carrying out environmental complaint investigation</li> </ul>	4 hour per week throughout the construction period
2	Baseline Monitoring/ Baseline Period	<ul> <li>(i) Set up all the required environmental monitoring stations</li> <li>(ii) Carry out baseline for monitor various environmental parameters as required in the EM&amp;A Manual</li> <li>(iii) Certifying the environmental acceptability of permanent and temporary works, plans and submissions required in the EM&amp;A Manual and under Conditions 2.1 – 2.25</li> </ul>	<ul> <li>(i) 6hr to set up station</li> <li>(ii) Water quality: 4hr X 3 days for 4 weeks</li> <li>(iii) 1-hour and 24 hour TSP: 6hr X 14 days</li> <li>(iv) Construction noise: 3hr X 12 days</li> <li>(v) 3 hour per week for site visit before certifying required plans and submission.</li> </ul>
3	Impact monitoring during construction period	<ul> <li>(i) Set up all the required environmental monitoring stations</li> <li>(ii) Monitor various environmental parameters as required in the EM&amp;A Manuals</li> <li>(iii) Prepare the Contamination Assessment Plan and Contamination Assessment report</li> </ul>	<ul> <li>(i) 4hr to set up station</li> <li>(ii) Water quality: 12hr per week; 1-hr and 24-hr TSP: 6hr per week; construction noise: 4hr per week</li> <li>(iii) 1 day site visit and 1 day site investigation</li> </ul>
4	Handling non-compliance related to exceedances of environmental	(i) Carry out additional monitoring and audit on the non-compliance of environmental performance.	Water quality: 2 hr per event 1-hr and 24-hr TSP: 3hr per event Construction poise: 1 hr

 Table 2-1
 Justification of minimum on-site time of the Environmental Team



Ite	Works to be carried out		How to discharge duties (Purposes / duties and responsibility)	Approximate Time input by ET
	on-site		1 07	1 0
	parameters			per event
5	Handling complaints, summons and prosecutions	(i) (ii)	Adhere to the procedures for carrying out environmental complaint investigation; Carry out additional monitoring and audit on the non-compliance of environmental performance.	4 hour per event
6	Monitoring during establishment period	(i)	Monitor various environmental parameters as required in the EM&A Manuals, such as road traffic noise during operational phase	On site noise measurement and traffic count for 3hr per event
7	Meeting with ER, Contractor and IEC	(i) (ii)	Communication between ET, IEC and the Contractor on environmental matters To discuss with ET, IEC and the Contractor any environmental deficiencies and recommend improvement measures and follow up actions	8hr per month
8	keeping a contemporaneous log-book	(i)	keeping a contemporaneous log-book of any such instance or circumstance or change of circumstances.	2hr per month

Remark: The total ET's minimum on-site time per week is ~ 38hrs

Table 2-2	Justification of 1	minimum on-site	time of the Ecolog	gist
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Item	Works to be	Purposes / duties and responsibility	
	carried out	Purposes / duties and responsibility	Approximate Time
	on-site		input by QE
1	Baseline Monitoring/ Baseline Period	<ul> <li>(i) Carry out baseline survey for Golden-headed Cisticola</li> <li>(ii) To prepare the vegetation survey report and transplantation proposal</li> <li>(iii) To prepare the Woodland Compensation Plan (woodland compensation area monitoring is not under the scope of Contract 2)</li> </ul>	<ul> <li>(i) 2hr X 3 days for baseline survey for Golden-headed Cisticola</li> <li>(ii) 2hr X 3 days site visit for vegetation survey report and transplantation proposal</li> <li>(iii) 2hr X 2 days site visit for Woodland Compensation Plan</li> </ul>
2	Impact monitoring during construction period	<ul> <li>(i) Monitoring of measures to minimise impacts to sensitive habitats during construction by a suitably ecologist</li> <li>(ii) Checking and review of the implementation of mitigation measures in vegetation survey report and transplantation proposal, by QE, such as transplantation of the target species and monitoring the health condition of the transplanted trees.</li> <li>(iii) Carry out precautionary checks for the presence of nesting birds on the presence of nesting birds before any vegetation clearance in breeding season (February to July of every year) by QE</li> </ul>	<ul> <li>(i) 6hr per month for monitoring of measures to minimise impacts to sensitive habitats</li> <li>(ii) 0.5hr per month for checking the implementation of mitigation measures in vegetation survey report and transplantation proposal</li> <li>(iii) 2hr per event for precautionary checks, if needed</li> </ul>
3	Monitoring	(ii) Carry out baseline and quantitative	(iii) 4hr per monitoring



Item	Works to be Purposes / duties and responsibil		sponsibility
	carried out on-site	Purposes / duties and responsibility	Approximate Time input by QE
	during establishment period	monitoring for woodland compensation area (woodland compensation area monitoring is not under the scope of Contract 2)	event

#### Table 2-3 Justification of minimum on-site time of the Registered Landscape Architect

Item	Works to be	Purposes / duties and responsibility		
	carried out	Purposes / duties and	Approximate Time input by	
	on-site	responsibility	RLA	
1	Baseline	(i) The RLA will certify the	(i) 2hr X 2 days site visit for	
	Monitoring/	Landscape & Visual Mitigation and	Landscape & Visual	
	<b>Baseline Period</b>	Tree Preservation Plan.	Mitigation and Tree	
			Preservation Plan	
2	Impact	(i) Landscape and visual inspection	(i) 2hr per month for	
	monitoring	shall be conducted once per month	landscape and visual	
	during	by the RLA to oversee the matter of	inspection	
	construction	landscape and visual within the site	(ii) 0.5hr per month for	
	period	area and implementation of	checking and review of the	
		mitigation measures in EM&A	implementation of	
		Manual.	mitigation measures in	
		(ii) Checking and review of the	vegetation survey report	
		implementation of mitigation	and transplantation	
		measures in vegetation survey	proposal and Landscape &	
		report and transplantation proposal	Visual Mitigation and Tree	
		and Landscape & Visual Mitigation	Preservation Plan.	
		and Tree Preservation Plan.		
3	Monitoring	(i) Monitoring of the planting works	(i) 2hr per month throughout	
	during	during the 3 year establishment	the construction period for	
	establishment	period after completion of	landscape and visual	
	period	construction works.	inspection	

- 2.6.2 It is deemed that the minimum on-site time is the minimum time of the ET and his team required to perform necessary on-site work to discharge the relevant duties of the ET. The proposed time will served as a base case. The minimum on-site time should also be subject to review in tandem with any major changes to the Contractor's works programme.
- 2.6.3 Apart from the general construction works procedure, additional would be deployed for some critical work duties such as works are anticipated to have high environmental impact and buffer times would be deployed to deal with unforeseen during construction. The time employment on-site will be adjusted based on the detailed works programme. The master programme of the Contract is as shown in *Appendix K*.

Tuble 2 1 Recommended Haddonii on she time of the L1 during ended Hedriftes				
Critical Construction Activities	Tentative Programme	Anticipated high environmental impact	Recommend additional on-site time	
Site Clearance and construction of haul road	Oct 2018 to Nov 2018	Dust, noise and ecology impact	0.5 hr in additional general site inspection	
Earth filling and excavation (Site formation)	Feb 2019 to Dec 2019	Dust, water quality and ecology impact	0.5 hr in additional general site inspection	
Construction of soil nailing	Feb 2019 to Dec 2019	Dust impact	0.5 hr in additional general site inspection	

 Table 2-4
 Recommended Additional on-site time of the ET during Critical Activities

#### 2.7 Site Inspection

CEDD Contract CV/2017/02 - Development of Columbarium at Sandy Ridge Cemetery – Infrastructural Works at Man Kam To Road and Lin Ma Hang Road Proposal on minimum on- site time for the Environmental Team (ET) Leader and ET



- 2.4.1 Regular site inspection provides a direct means to trigger and enforce the specified environmental protection and pollution control measures. With well defined environmental pollution control and mitigation specifications and a well established environmental site inspection, deficiency and action reporting system, environmental site inspection is one of the most effective tools to enforce environmental protection requirements on the construction site.
- 2.4.2 Ad hoc site inspections are usually required when significant environmental problems arise. In addition, ad hoc site inspections are usually required subsequent to receipt of an environmental complaint, or as part of the investigation work, as specified in the Action Plan for environmental monitoring and audit.

#### Site Inspection Team

2.4.3 The Site Inspection Team comprises the representatives of Resident Engineer (RE), Independent Environmental Checker (IEC), Contractor, Environmental Officer (hereinafter 'EO') and the ET. It is established to monitor the adequacy of the environmental site inspection in order to ensure full implementation of the required environmental pollution control and mitigation measures. Through regular joint site inspection amongst the parties of RE, IEC, Contractor and ET, the communication between each parties on environmental matters would be enhanced. The Site Inspection Team will be led by the ET or his representative.

#### Frequency of Site Inspection

2.4.4 The frequency of the site inspection is once a week upon commencement of the Project which closely monitors the environmental performance of the Contract works with the latest details works programme.

#### **Procedures for Site Inspection**

- 2.4.5 Details of the environmental site inspection are presented in the Site Inspection Checklist attached in *Appendix L*.
- 2.4.6 A pre-inspection or post-inspection briefing may be held to brief the objectives of the site inspection as necessary.
- 2.4.7 The area of inspection will not be limited to the environmental situation, pollution control and mitigation measures within the site, but will cover also the environmental situation outside the site area which is likely to be affected, directly or indirectly, by the site activities. The ET will make reference to the several information and documents in conducting the inspection. The details are presented in the table below.

Information referred	Action by ET	
Environmental Permit	The role of ET and ET Leader specified in conditions 2.2 and 2.3	
No. EP-534/2017/A	shall be complied.	
EIA and EM&A Manual	ET will make reference to the "Implementation Schedule of	
	Mitigation Measures (EMIS)" in the EIA Report and mitigation	
	measures recommended in the EM&A Manual to inspect the	
	implementation status against the aforesaid document during site	
	inspection.	
Works progress and	ET will focus on the potential environmental issue arise from	
programme	construction work according to the works programme. For example	
	cut slope and fill slope work will be the dominant construction work	
	for the initial stage of the Contract and special attention will be made	
	on the potential dust impact and dust control measures. During wet	
	season, special attention shall be paid on the water quality mitigation	
	measures etc. Moreover, ecological mitigation measures as	
	recommended in the EIA and EM&A to avoid, minimise and	
	compensate for the ecological impact shall be checked and ensure	

 Table 2-5
 Reference Information and Documents for Conducting Inspection



Information referred	Action by ET
	properly implemented. Particular attention shall be paid on the edge
	of any active works area, 30m from the watercourse. ET will
	recommend suitable mitigation measures to the Contractor and take
	proactive actions to pre-empt problems.
Individual works	ET will refer to the individual works methodology and pay attention
methodology	to the potential environmental issue from each individual work (e.g.
	dust impact from rock breaking work). Proactive Environmental
	Protection Proforma as mentioned in EM&A Manual will be prepared
	by ET and verified by IEC.
Relevant environmental	ET will check whether any non-compliance of the statutory
protection and pollution	requirement in relation to environmental protection and pollution
control laws	control laws. (e.g. effluent discharge in discharge licence under Water
	Pollution Control Ordinance)
Previous site inspection	ET will follow up the previous deficiency and pay more attention to
results	the repeated observation from previous site inspection.

2.4.8 The Contractor will update the ET with all relevant information of the construction contract for him to carry out the site inspections. The inspection results and its associated recommendations on improvements of the environmental protection and pollution control works will be submitted to the IEC, RE and the Contractor within 24 hours, for reference and for taking immediate action.

#### 2.5 Communication with IEC

2.5.1 The ET shall notify IEC within one working day of the occurrence of each and every single or circumstance or change of circumstance, which may affect the compliance with recommendations of the approved EIA Report. The communication procedure of ET and IEC are summarized in below table.

Key Issues	Communication of ET and IEC	
Routine monitoring	- Any instance regards to failure of monitoring and abnormal	
work and monitoring	conditions during monitoring work shall be reported to IEC within	
schedule	one working day.	
	- The ET shall notify IEC the impact monitoring schedule 2 weeks	
	before each reporting month for their agreement. Any changes to	
	the monitoring schedule shall be notified IEC immediately.	
Site inspection	- The ET shall submit the site inspection checklist to report the	
findings	environmental audit results to IEC within one working day after the	
	inspection.	
	- The follow-up action taken by the Contractor shall be reported to	
	IEC within one week.	
EM&A Report	- The ET shall submit Monthly EM&A Report to IEC on the agreed	
	time frame for verification.	

Table 2-6Communication procedure of ET and IEC



#### **3 DEFICIENCY**

#### **3.1 Deficiency Found in Site Inspection**

- 3.1.1 Any deficiency found in the site inspections shall be reported and recorded on the Site Inspection Checklists, with agreed mitigation measures and deadline for completion, which shall be submitted to the RE and Contractor within 24 hour upon completion of the site inspections. The EO and Contractor shall follow up the case to rectify the situation by the agreed deadline, while the status of the environmental issues shall be reviewed during the next inspection to close the case as appropriate.
- 3.1.2 In following up the environmental issues raised in the site inspections, the EO shall closely cooperate with the Contractor and the associated Sub-Contractors to ensure full implementation of the environmental mitigation measures stipulated in the EMIS of the EM&A Manual.

#### **3.2 Deficiency Raised from Environmental Complaints**

- 3.2.1 Any deficiency raised from environmental complaints shall be handled properly. Details of the environmental complaints handling have been documented in the EM&A Manual.
- 3.2.2 A contemporaneous complaint logbook has been kept by the Contractor to register every instance or circumstance of environmental complaint, which will be referred to for carrying out complaint investigation.
- 3.2.3 During the complaint investigation work, the Contractor and RE will co-operate with the EO and ET in providing all the necessary information and assistance for completion of the investigation. If mitigation measures are proposed in the investigation (in consultation with IEC), the Contractor will promptly carry out the measures. The RE will ensure that Contractor has carried out the measures.
- 3.2.4 According to the EM&A Manuel Section 15.4.1.1, the following procedures should be undertaken upon receipt of any environmental complaint:
  - The Contractor to log complaint and date of receipt onto the complaint database and inform the ER, ET and IEC immediately;
  - The Contractor to investigate, with the ER and ET, the complaint to determine its validity, and assess whether the source of the problem is due to construction works of the Project with the support of additional monitoring frequency and stations, if necessary;
  - The Contractor to identify remedial measures in consultation with the IEC, ET and ER if a complaint is valid and due to the construction works of the Project;
  - The Contractor to implement the remedial measures as required by the ER and to agree with the ET and IEC any additional monitoring frequency and stations, where necessary, for checking the effectiveness of the remedial measures;
  - The ER, ET and IEC to review the effectiveness of the Contractor's remedial measures and the updated situation;
  - The ET to undertake additional monitoring and audit to verify the situation if necessary, and oversee that circumstances leading to the complaint do not recur;
  - If the complaint is referred by the EPD, the Contractor to prepare interim report on the status of the complaint investigation and follow-up actions stipulated above, including the details of the remedial measures and additional monitoring identified or already taken, for submission to EPD within the time frame assigned by the EPD; and
  - The ET to record the details of the complaint, results of the investigation, subsequent actions taken to address the complaint and updated situation including the effectiveness of the remedial measures, supported by regular and additional monitoring results in the monthly EM&A reports.



#### **3.3** Deficiency Raised from Other Channels

3.3.1 Deficiency may be raised from other channels, e.g. routine and ad hoc meetings of SSEC, SSEMC etc. The EO shall investigate any deficiency raised in consultation with the ET and the Contractor, and RE and IEC as appropriate. It shall be followed up by the EO and ET to rectify the situation promptly following the action reporting procedures in the following *Section 4*.



#### 4 ACTION REPORTING PROCEDURE

#### 4.1 **Reporting Procedure**

- 4.1.1 The action reporting procedures for deficiencies raised from site inspection, environmental complaints and other channels will be carried out once the deficiencies are found. Event and Action Plan of the related environmental parameters shall be implemented as appropriate.
- 4.1.2 Two-way environmental site inspection, deficiency and action reporting procedures have been developed to encourage the dissemination of the environmental site inspection, deficiency and action information among relevant parties via the following document notification and meetings for discussions:
  - Submission of site inspection checklists as detailed above section;
  - Submission of EM&A Reports and implementation of the associated Event and Action Plan, which has been presented in the EM&A Manual
  - The SSEMC and other regular face-to-face site meetings and the associated follow-up actions;
  - The ET, EO and IEC regular site inspections and audits and the associated follow-up actions;
  - Ad hoc environmental meetings, investigations and site inspections;
  - Complaint Logbook; and
  - The ET leader's Environmental Logbook established under the environmental permits No. EP-534/2017/A.

Means	Frequency	Purpose/Action	Responsible Party
EO Weekly Site Inspection	Continually	Promote awareness of environmental procedures among EO, workers and sub-contractors	Contractor and EO
ET Weekly Site Inspection	Weekly	Face-to-face communications between ER, IEC, Contractor site staff and ET during the site inspection	RE, IEC, Contractor, ETL and IEC
SSEMC meeting	Monthly	Face-to-face communications between the ET, IEC, RE, EO, ES, Contractor and other disciplines	ET, EO, ES, Contractor, RE and Sub-Contractors' Representative
Notice of Exceedance of AL levels or complaint	As required	Written notification to different members of the Contractor requesting appropriate actions	Contractor, ET, EO, IEC and RE.
Ad hoc environmental meetings, investigations and site inspections	When necessary	Face-to-face communications between ET, IEC, Contractor, ER and EPD in the case of any environmental emergency.	Contractor, ET, EO and RE.
EM&A Report	Monthly / Quarterly	Written communication among ET, RE, IEC and EPD.	ET
Web-based EM&A Reports	Monthly / Quarterly	Facilitate public inspection of the EM&A Reports via the EIAO Web-site and at the EIAO Register Office	EPD, ET, IEC, Public

 Table 4-1
 Action Reporting Procedures for deficiencies



#### 4.2 **Proper Records Keeping**

#### Internal record keeping

- 4.2.1 The monitoring data are handled by the ET's systematic data recording and management, which complies with in-house Quality Management System. Standard Field Data Sheets are used in the monitoring program.
- 4.2.2 The monitoring data recorded in the equipment are downloaded directly from the equipment at the end of each monitoring day. The downloaded monitoring data are input into a computerized database properly maintained by the ET. The laboratory results are input directly into the computerized database and QA/QC checked by personnel other than those who input the data. For monitoring activities require laboratory analysis, the local laboratory follows the QA/QC requirements as set out under the HOKLAS scheme for all laboratory testing.
- 4.2.3 All submissions shall contain document number, version number, effective date, page number and total number of pages in content page. All submission shall be reviewed and approved by ETL prior to release.
- 4.2.4 To achieve an environmental sustainability, e-mail will be the main communication channel to minimise paper printing. All submission will be delivered by email until the formal submission, where hardcopies will be printed in accordance with the specific requirement.
- 4.2.5 Soft copy of all received submissions will be saved under the respective category. Site inspection checklist, monitoring schedule and investigation reports record will be saved under the folder of respective month.
- 4.2.6 All records must be retained in a proper way and maintain in a suitable environment to minimize deterioration, loss or damage; they may be stored in either hard copy and/or computer database system.

#### External record keeping

- 4.2.7 The ET should keep a contemporaneous log-book of any such instance or circumstance or change of circumstances. The log-book shall be kept readily available for inspection by all persons assisting in supervision on the implementation of the recommendation of the approved EIA Report and the EP or by the Director or his authorized officers.
- 4.2.8 The log book shall keep all the records of environmental license and permit, site inspection records, investigation report for non-compliance and complaint etc. The log book should be reviewed and verified by IEC regularly.



#### 5 REVIEW OF MINIMUM ON-SITE TIME

#### 5.1 Conclusion

- 5.1.1 When considered appropriate by the ET or EPD, the minimum on-site time of ET would be reviewed and updated as necessary. The ET shall review and update the minimum on-site time of ET in consultation with the EPD, to suit the changing project situation.
- 5.1.2 As such, the minimum on-site time of ET detailed in this proposal shall be reviewed regularly upon commencement of construction works. Should the minimum on-site time of ET shall be optimised, the ET shall propose the revision to IED and EPD for acceptance.

## **END OF TEXT**



Appendix A

# Location of the Project

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(This figure was prepared based on Figure 1 attached to the VEP Application No. VEP-554/2018 and Figures 1.2 and 1.3 of the	Environmental Permit No.: EP-534/2017/A
Approved EIA Report No. AEIAR-198/2016))	環境許可證編號:EP-534/2017/A
(本圖是根據更改環境許可証申請文件編號 VEP-554/2018 所隨附的圖 1 和環境影響評估報告編號 AEIAR-198/2016 圖 1.2 及 1.3	
編制)	

#### Environmental Permit No.: EP-534/2017/A 環境許可證編號: EP-534/2017/A

LEGEND 圖例	
c:::)	PROJECT BOUNDARY 項目範圍
CT3	UTILITIES CONSTRUCTION 興建公用設施
_	PROPOSED ACCESS ROAD / EVA 擬建場內通道 / 緊急車輛通道
	PROPOSED PLATFORMS FOR COLUMBARIUM 擬建土地平整工程用以興建 沙嶺填場骨灰龕
	PROPOSED CUT / FILL SLOPE 斜坡工程
	PROPOSED SEWAGE PUMPING STATION 擬建污水泵站
	PROPOSED REFUSE COLLECTION POINT 擬建垃圾收集站
	PROJECT BOUNDARY FOR CREMATORIUM AND RELATED FACILITIES (BY OTHERS) 項目範圍用以興建沙嶺墳場火葬場 及有關設施(由其他倡議人負責)
en:	BARGING POINT AREA 轉運站範圍
	PROPOSED PICK-UP AND DROP-OFF POINT 擬建上客、落客範圍
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# **Appendix B**

# The geographical location of Contract 2 under EP-534/2017/A and layout plan of Contract 2

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(This figure was prepared based on Figure 1 attached to the VEP Application No. VEP-554/2018 and Figures 1.2 and 1.3 of the	Environmental Permit No.: EP-534/2017/A
Approved EIA Report No. AEIAR-198/2016))	環境許可證編號:EP-534/2017/A
(本圖是根據更改環境許可証申請文件編號 VEP-554/2018 所隨附的圖 1 和環境影響評估報告編號 AEIAR-198/2016 圖 1.2 及 1.3	
编制)	

#### Environmental Permit No.: EP-534/2017/A 環境許可證編號: EP-534/2017/A

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	PROPOSED PLATFORMS FOR COLUMBARIUM 擬建土地平整工程用以興建 沙嶺填場骨灰龕
	PROPOSED CUT / FILL SLOPE 斜坡工程
	PROPOSED SEWACE PUMPING STATION 擬建污水泵站
	PROPOSED REFUSE COLLECTION POINT 擬建垃圾收集站
	PROJECT BOUNDARY FOR CREMATORIUM AND RELATED FACILITIES (BY OTHERS) 項目範圍用以興建沙嶺墳場火葬場 及有關設施(由其他倡議人負責)
:72	BARGING POINT AREA 轉運站範圍
	PROPOSED PICK-UP AND DROP-OFF POINT 擬建上客、落客範圍
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# Appendix C

## The employment of ET and associated declaration letter

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## LAW Ka Wing, Billy

From:	Nicola Hon <nicolahon@fordbusiness.com></nicolahon@fordbusiness.com>
Sent:	2018年6月11日星期一 17:16
То:	'elvin lam'
Сс:	'TW Tam'; bentam@fordbusiness.com; 'Martin Li'; edwin.au@sang-hing.com.hk
Subject:	RE: CV/2017/02 - Updated Quotation for Environmental Works
Attachments:	L0014.pdf

Dear Elvin,

Thank for your acceptance of our provision service of Environmental Team for the captioned project. We herewith submit the related particulars and documents for your retention and onward submission.

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

Regards, Nicola Hon Environmental Consultant AUES Action-United Environmental Services & Consulting Unit A, 20/F, Gold King Industrial Building

35-41 Tai Lin Pai Road, Kwai Chung, New Territories, Hong Kong T: +852 2959 6059 | F: +852 2959 6079

From: elvin lam [mailto:elvin.lam@sang-hing.com.hk]
Sent: Thursday, June 07, 2018 10:24 AM
To: 'Martin Li'; edwin.au@sang-hing.com.hk
Cc: 'TW Tam'; bentam@fordbusiness.com; nicolahon@fordbusiness.com
Subject: RE: CV/2017/02 - Updated Quotation for Environmental Works

Dear Tam/ Martin, We write to confirm the quotation for Environmental Works and the FEP application assistance works is accepted by Sang Hing.

Best Regards Elvin LAM Director



From: Martin Li <<u>martinli@fordbusiness.com</u>>
Sent: Tuesday, June 5, 2018 6:28 PM
To: edwin.au@sang-hing.com.hk; elvin.lam@sang-hing.com.hk
Cc: 'TW Tam' <<u>twtam@fordbusiness.com</u>>; <u>bentam@fordbusiness.com</u>; <u>nicolahon@fordbusiness.com</u>
Subject: RE: CV/2017/02 - Updated Quotation for Environmental Works



#### Our Ref: TCS00944/18/300/L0425

## Sang Hing Civil Contractors Co., Ltd

Rm 215A-B, 2/F, Central Services Building Nan Fung Industrial City 18 Tin Hau Road, Tuen Mun, New Territories

Attn: Mr. Elvin Lam

**14 July 2022** By Hand

Dear Sirs,

## Re: Contract No. CV/2017/02 - Development of Columbarium at Sandy Ridge Cemetery – Infrastructural Works at Man Kam To Road and Lin Ma Hang Road Letter of Declaration of Conflict of Interest

We confirm that Action-United Environment Service and Consulting does not have any association relationship and conflict of interest with the main-Contractor (Sang Hing Civil Contractors Co., Ltd) and the Independent Environmental Checker (Acuity Sustainability Consulting Limited) under CEDD Contract No. CV/2017/02.

Should you have any queries, please feel free to contact the undersigned at Tel: 2959-6059 or Fax: 2959-6079 or Email: <u>twtam@fordbusiness.com</u>.

Yours sincerely, For and on Behalf of Action-United Environmental Services & Consulting (AUES)

Tam Tak Wing General Manager

cc ARUP (RE of Contract 2)

Mr. Anthony Lau

By e-mail





# Appendix D

Notification of Commencement Date of Construction of the Project

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Your ref -Our ref 231448/(CV/2017/02)/M45/950/B00169

**BY HAND** 

Environmental Protection Department The EIA Ordinance Register Office 27<sup>th</sup> Floor, Southorn Centre 130 Hennessy Road Wan Chai, Hong Kong Level 5, Festival Walk 80 Tat Chee Avenue Kowloon Tong, Kowloon Hong Kong t +852 2528 3031

f +852 2268 3955 www.arup.com

5 October 2018

Dear Sir

Site Formation and Associated Infrastructural Works for Development of Columbarium, Crematorium and Related Facilities at Sandy Ridge Cemetery

Contract No. CV/2017/02 Development of Columbarium at Sandy Ridge Cemetery – Infrastructural Works at Man Kam To Road and Lin Ma Hang Road

Submission under Environmental Permit (EP-534/2017) – Condition 1.12 (Notification of Commencement Date of Construction)

On behalf of CEDD's Civil Engineering Office (the Permit Holder) of the captioned Environmental Permit (EP), we hereby notify that the commencement date of construction of the captioned contract is 5 November 2018.

The certification letter by ET Leader and the verification letter by IEC for the proposed commencement date of construction are also enclosed (Appendix A refers).

Lastly, this is to confirm that this submission only covers the relevant geographical areas of the EP-534/2017 (Appendix B refers).

Should you have comment on our proposal, please feel free to contact my Resident Engineer, Mr. Anthony LAU at 6190-1200 or ET Leader, Mr. TAM Tak-wing at 9212-0408.

Yours faithfully

Samuel Chan The *Project Manager's* delegate for this contract

cc CEDD – DPTL (Land Works) SHCCCL ET (AUES) IEC (Acuity)

Response required	: No
Date required	: N/A
Attachment	: Yes



Mr. SHUM Ngai-hung, Steven
Mr. Elvin LAM
Mr. T. W. TAM
Mr. Jacky LEUNG

via e-mail



Our Ref: TCS00944/18/300/L0032

Sang Hing Civil Contractors Co., Ltd Rm 215A-B, 2/F, Central Services Building Nan Fung Industrial City 18 Tin Hau Road, Tuen Mun, New Territories

Attn: Mr. Elvin Lam

5 October 2018 By email

Dear Sirs,

Re: Site Formation and Associated Infrastructural Works for Development of Columbarium, Crematorium and Related Facilities at Sandy Ridge Cemetery Contract No. CV/2017/02 Development of Columbarium at Sandy Ridge Cemetery – Infrastructural Works at Man Kam To Road and Lin Ma Hang Road Notification of Commencement Date of Construction

I refer to letter from Ove Arup ref.: 231448/(CV/2017/02)/M45/950/B00169 dated 5 October 2018 regarding the commencement date of construction of the captioned contract on 5 November 2018. We have no comment on the proposed commencement date and hereby certify the captioned submission pursuant to Condition 1.9 of the Environmental Permit no. EP-534/2017.

Should you have any queries, please feel free to contact the undersigned at Tel: 2959-6059 or Fax: 2959-6079 or Email: twtam@fordbusiness.com.

Yours sincerely, For and on Behalf of Action-United Environmental Services & Consulting (AUES)

T. W. Tam Environmental Team Leader TW/jk

cc CEDD Arup (RE) Acuity (IEC) Mr. Joseph Wong Mr. Anthony Lau Mr. Jacky Leung By-email By-email By-email

Tel (852) 2959-6059 Fax (852) 2959-6079 Email info@fordbusiness.com







LAND WORKS DIVISION CIVIL ENGINEERING OFFICE CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT 2/F, CIVIL ENGINEERING AND DEVELOPMENT BUILDING 101, PRINCESS MARGARET ROAD HOMANTIN, KOWLOON HONG KONG

Attention: Mr. Joseph WONG

CONSULTING LIMITED

5 October 2018

Dear Joseph,

Site Formation and Associated Infrastructural Works for Development of Columbarium, Crematorium and Related Facilities at Sandy Ridge Cemetery Contract No. CV/2017/02 Development of Columbarium at Sandy Ridge Cemetery – Infrastructural Works at Man Kam To Road and Lin Ma Hang Road Commencement Date of Construction

I refer to the letter from Ove Arup with ref.:231448/(CV/2017/02)/M45/950/B00169 dated 5 October 2018 concerning the commencement date of the captioned construction. We have no further comment on the proposed commencement date. According to section 1.9 of the EP-534/2017, we verify the captioned submission.

Yours faithfully,

CH Leung

Ir Leung CH Jacky Independent Environmental Checker

cc. CEDD-DPTL/Land Works – Mr. LI Kwok Hung ARUP – Mr. LEE Davis ET Leader – Mr. TAM




# Appendix E

# **Project Organization and lines of communication**

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# Organization Project organization and lines of communication



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# Appendix F

# **Proposed Environmental Team Leader**

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Name: Tam Tak Wing

Proposed Position: Environmental Team Leader (Project Manager)

Years of Experience: 30

## Academic Qualification:

- 2000 Certificate of Competence in Ionising Radiation Protection Occupational Safety & Health Council
- 1999 Certificate in Construction Safety Supervisor Course Construction Industry Training Authority
- 1994 Quality System Audit Course The National Association of Testing Authorities, Australia
- 1983 Certificate in Soil and Rock Identification Hong Kong Polytechnic (Civil and Structural Engineering Department)
- 1978 School Certificate Lee Kau Yan Memorial Secondary School

## **Professional Registration and Affiliations:**

• MHKIEIA, Associate Member of Hong Kong Institute of Environmental Impact Assessment, 2009.

## **Career History:**

ACTION-UNITED ENVIRONMENTAL SERVICES & CONSULTING	2000-Present
Managing Director	
GREEN VALLEY LANDFILL LIMIT (SENT LANDFILL)	1999 – 2000
QA/QC Manager	
WOODWARD-CLYDE INTERNATIONAL (HK) LTD	1993 - 1999
Land Contamination Specialist / Senior Project Supervisor	
GAMMON CONSTRUCTION LIMITED	1978 - 1993

Laboratory Manager

### Synopsis:

Mr. Tam has over 30 years of hands-on experiences in site remediation, civil engineering, land contamination assessments, environmental management, environmental monitoring and audit (EM&A), construction QA/QC and laboratory management. In recent year, Mr. Tam has extensive experiences in designing and implementing both long-term and short-term EM&A programs for the government, multi-disciplinary infrastructure developments, large-scale construction projects, public utilities, education institutions, industrial facilities, and commercial properties. He also responsible for many large laboratory testing contracts for private sector clients, Public Works Department, Hong Kong Housing Authority and internal work for private clients.

Mr. Tam has more than 6 years experiences working in SENT Landfill. He was on a secondment for several years and joined Green Valley Ltd as the Construction QA/QC Manager. Mr. Tam is therefore very well familiar with the landfill construction and operation issues.

Mr. Tam is specialized and has extensive experiences in the areas of land contamination assessment, site remediation and decontamination, and other related issues. He was the contaminated assessment team leader for the Penny's Bay Site Investigation Work in which over 300 of boreholes were investigated and 35 groundwater monitoring wells were installed within 6 months.

In addition, Mr. Tam served as the Land Contamination Specialist for the KCRC East Rail Extension Projects and managed the site remediation at Wing On Plaza and further contamination assessment at Middle Road Children's Playground. He oversaw the entire implementation of the site remediation program and liased with the government authority.

In addition, Mr Tam is experienced in management and quality assurance for civil and building projects. The construction work includes: foundation, site formation, building structural, slope stabilisation and site investigation works.

## Selected Project Experiences (EM&A)

- Highways Contract No. HY/2021/06 Retrofitting of Noise Barriers on Po Lam Road North and Po Ning Road (ETL, 2021 present)
- Highways Contract No. HY/2019/11 Retrofitting of Long Tin Road (ETL, 2021 present)
- WSD Contract No.: 3/WSD/20 Reclaimed Water Supply to Sheung Shui and Fanling (ETL, 2021 present)
- CEDD Contract CV/2021/03 Site Formation and Infrastructure Works at Tsueng Kwan O – Ying Yip Road
- CEDD Contract No. WD/11/2018 Environmental Team for Development of Lok Ma Chau Loop Land Decontamination and Advance Engineering Works (ETL, 2019 present)
- CEDD Service Contract No. EDO/04/2018 Environmental Team For Cross Bay Link, Tseung Kwan O ((ETL, 2018 – present)
- Contract No. CV/2017/02 Development of Columbarium at Sandy Ridge Cemetery Infrastructural Works at Man Kam To Road and Lin Ma Hang Road (ETL, 2018 present)
- Contract CV/2016/10 Site Formation and Associated Infrastructural Works for Development of Columbarium at Sandy Ridge Cemetery (ETL, 2018 present)
- CEDD Service Contract No. NTE/07/2016 Environmental Team for Development of Anderson Road Quarry Site Site Formation and Associated Infrastructure Works (ETL, 2016 present)
- Contract No. NE/2014/05 Ma On Shan Development Roads, Drainage & Sewerage Works at Whitehead & Lok Wo Sha, Phase 2 (ETL, 2016 – 2020)
- CEDD Contract CV/2013/08 Liantang/Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure Works Contract 6 (ETL, 2015 present)
- Contract No. DC/2012/02 Upgrading of Mui Wo Sewage Treatment Works and Village Sewerage at Wang Tong and Yue Kwong Chuen (ETL, 2017 – 2018)
- Contract No. SS C505 Construction of Liantang/Heung Yuen Wai Boundary Control Point (BCP) - Buildings and Associated Facilities (ETL, 2015 – 2020)
- TSW-C004 Ocean Park Tai Shue Wan Development, Site Formation and Foundation Works (ETL, 2016 2017)
- Contract No: DC/2013/09 Advance Works for Shek Wu Hui Sewage Treatment Works Further Expansion Phase 1A and Sewerage Works at Ping Che Road (ETL, 2015 2019)
- Contract No.: DC/2013/04 Outlaying Islands Sewerage Stage 2 (ETL, 2014 2017)
- Contract No. DC/2013/03 Reconstruction and Rehabilitation of Kai Tak River from Tung Kwong Road to Prince Edward Road East (2014 2018)
- Contract No. DC/2013/01 Tolo Harbour Sewerage of Unsewered Areas Stage 2 Phase 1 and Sewerage in Nam Wa Po and Wai Tau (ETL, 2013 – 2019)
- CEDD Contract No. CV/2012/05 Bathing Beach at Lung Mei, Tai Po (ETL, 2017 present)
- Contract No. DC/2010/06 Upgrading of Central and East Kowloon Sewerage Phase 2 (ETL, 2012 2016)
- Contract No. DC/2010/10 Sewerage in Ping Kong, Fu Tei Pai and Tai Wo (ETL, 2012 2017)
- Contract No. DC/2011/06 Reprovisioning of Boundary Patrol Road and Associated Security Facilities between Ping Yuen River and Pak Fu Shan and Drainage Works in North District (ETL, 2012 2016)
- DSD Contract No. DC/2011/04 Reconstruction, Improvement and Rehabilitation of Kai Tak River from Wong Tai Sin Police Station to Tung Tau II Estate (ETL, 2011 2019)



- Contract DC/2010/02 Drainage Improvement in Shuen Wan and Shek Wu Wai (ETL, 2011 2017)
- Contract No.: DC/2009/14 North District and Tolo Harbour Regional Sewerage Upgrading of Sewage Pumping Stations and Trunk Sewers (ETL, 2011 – 2017)
- Contract No DC/2009/07 North District and Tolo Harbour Regional Sewerage Upgrading of Trunk Sewers at Ma Liu Shui, Tai Po (ETL, 2010 – 2017)



# Appendix G

# **Proposed Qualified Ecologist(s)**

Z:\Jobs\2018\TCS00944 (CV-2017-02)\600\Weekly Site Inspection\Proposal on the Site Inspection, Deficiency and Action Reporting Procedures\R0152v4a.doc Action-United Environmental Services and Consulting

## Development of Columbarium at Sandy Ridge Cemetery – Infrastructural Works at Man Kam To Road and Lin Ma Hang Road Submission of Qualification and Experience of Proposed Qualified Ecologist (Condition 2.1 and 2.4 under Environmental Permit No.EP-534/2017/A)

Please find the below tables for the division of labour and of the proposed Qualified Ecologists.

EP	EM&A	Submission	Tasks carried out by the proposed	Details of duties to be carried out by Qualified	Responsible	Duration	Capable of executing
condition	Manual	/	ecologist	Ecologist	Qualified		the required
Ref.	Ref.	monitoring			Ecologist		responsibilities
Condition 2.14	S10.2.1.2 to S10.2.1.5 and S10.4.1.1 to S.10.4.1.3	Grassland Reinstateme nt Plan	A Grassland Reinstatement Plan will be prepared by a qualified ecologist/botanist and shall be certified by the ET Leader and verified by the IEC as conforming to the information and recommendations contained in the approved EIA Report	A Grassland Reinstatement Plan will be prepared by a qualified ecologist/botanist with full details of the findings of a baseline grassland survey, the practical details and methodology of the physical excavation, transport and storage or turves/topsoil and their subsequent reinstatement once the receptor sites have been established, along with an implementation programme of reinstatement, post-reinstatement monitoring and maintenance programme.	A Grassland Reinstatement Plan is prepared by the ecologist of Arup, which signed by the proposed QE Mr. Leung Wing Keung, Mike.	Baseline period and throughout the construction phase of CV/2017/02	Mike is an experienced arborist and horticulturist on tree reservation, tree assessment, landscape construction supervision, soft landscape design, tree survey, tree works supervision, LVIA
	S.10.4.1.4 to 10.4.1.8	Monitoring of reinstated upland grassland	<ul> <li>(a) The upland grassland reinstatement should be supervised by a qualified botanist/ecologist with relevant experience in habitat enhancement and rehabilitation.</li> <li>(b) Monitoring should be undertaken by a qualified ecologist/botanist and the monitoring tasks are as follows:- <ul> <li>(i) Baseline quantitative monitoring and a walk-through survey should be carried out after the completion of the soil reinstatement.</li> <li>(ii) Six-monthly quantitative monitoring will be carried out in the following Year 2 and Year 3.</li> <li>(iii) Walk-through survey will be conducted on a monthly basis in Year 1, while reduced to quarterly in Year 2 and Year 3.</li> </ul> </li> </ul>	<ul> <li>(a) Monitoring of the reinstated upland grassland to examine the regeneration of the grassy and herbaceous species from the imported grassland topsoil/turves and establishment by self-seeded woody plants on the engineering slopes.</li> <li>(b) 3-year monitoring and maintenance period of the upland grassland reinstatement is proposed. The progress and success of the establishment of the reinstated grassland areas should be reviewed throughout the 3-year monitoring and maintenance period.</li> <li>(c) Monitoring should be undertaken by means of a walkthrough survey by a qualified ecologist/botanist covering all representative areas of the reinstatement area, and quantitative survey on a fixed number of 5m x 5m quadrats in the area.</li> </ul>	The QE for monitoring of reinstated upland grassland will be employed by other contracts	Other contracts (to be confirmed)	and EM&A. Please refer to the enclosed Curriculum Vitaes for details on his Qualification and experience.
Condition	S10.2.1.8,	Woodland	Woodland Compensation Plan shall be	Woodland Compensation Plan shall be	Woodland	Baseline	1
2.18	10.4.1.9	Compensati	prepared by a qualified ecologist/botanist	prepared by a qualified ecologist/botanist. The	Compensation	period and	
		on Plan /	and shall be certified by the ET Leader and	Plan shall identify and quantify the area of loss of	Plan is	throughout	

Development of Columbarium at Sandy Ridge Cemetery – Infrastructural Works at Man Kam To Road and Lin Ma Hang Road Submission of Qualification and Experience of Proposed Qualified Ecologist (Condition 2.1 and 2.4 under Environmental Permit No.EP-534/2017/A)

EP Submission Tasks carried out by the proposed Details of duties to be carried out by Qualified Responsible Capable of executing EM&A Duration condition Manual 1 ecologist Ecologist Oualified the required Ecologist responsibilities Ref. Ref. monitoring prepared by Enhanceme verified by the IEC as conforming to the woodland with moderate or high ecological the the nt Woodland information and recommendations value, and provide at least 1:1 compensatory proposed OE construction woodland planting. The Plan shall include details Proposal contained in the approved EIA Report. Mr. Leung Wing phase of on plant species selection, planting scheme and Keung, Mike CV/2017/02 schedule, fire control, post-planting monitoring and maintenance, as well as setting of action targets. All recommended measures as set out in the approved Woodland Compensation Plan shall be fully and properly implemented. Monitoring OE 10.4.1.10 (a) Planting of native tree and shrub Monitoring of the enhancement planting The for Other (a) species should be supervised by a should be undertaken by means of monitoring for contracts (to for to qualified botanist/ horticulturist/ 10.4.1.14 woodland walk-through survey (by a qualified woodland be compensatio Certified Arborist with relevant ecologist/botanist) covering all compensation will confirmed) experience in reforestation. representative areas of the enhancement be employed by n (b) A 5-year monitoring and maintenance area, and quantitative survey on a fixed other contracts period of the enhancement planting is number of 10m x 10m quadrats in the area. proposed. The monitoring of the During the walk-through survey, the (b) enhancement planting will be surveyor should inspect the general health conducted by ET and supervised by a condition and survival of the planted species qualified botanist/ horticulturist/ by direct observation. ecologist of the ET and the monitoring For quantitative monitoring, the surveyor (c) tasks are as follows:should measure growth parameter (height (i) Baseline quantitative monitoring and basal diameter), health condition, and and a walkthrough survey should survival rate of each planted individual be carried out after the completion within each surveyed quadrat. of the planting. (d) In addition to the monitoring of the survival (ii) Quantitative monitoring again in and health condition of trees and shrubs, September of the first year to allow other factors which aid in provision of measurement of the annual growth/ verifiable measurements of the success of establishment increment during the establishment should be monitored along the wet season. transects. The surveyor should also check other factors that may be influencing (iii)Six-monthly quantitative monitoring will be carried out in establishment, such as aggressive grasses or the following Year 2 to Year 5. forbs, or human interference. (iv) walk-through survey will be conducted on a bi-monthly (once

## Development of Columbarium at Sandy Ridge Cemetery – Infrastructural Works at Man Kam To Road and Lin Ma Hang Road Submission of Qualification and Experience of Proposed Qualified Ecologist (Condition 2.1 and 2.4 under Environmental Permit No.EP-534/2017/A)

EP condition Ref	EM&A Manual Ref	Submission / monitoring	Tasks carried out by the proposed ecologist	Details of duties to be carried out by Qualified Ecologist	Responsible Qualified Ecologist	Duration	Capable of executing the required
<u>KCI.</u>	Kei.		every two months) basis in Year 1, while reduced to quarterly from Year 2 to Year 5.				
Condition s 2.15 to 2.17	S10.2.1.6 to S10.2.1.7 and S10.4.1.1 5 to S10.4.1.1 6	Vegetation Survey Report and the Transplantat ion proposal	The Vegetation Survey Report and the Transplantation Proposal shall be prepared by a qualified ecologist/botanist and shall be certified by the ET Leader and verified by the IEC as conforming to the information and recommendations contained in the EIA Report.	The Plan shall identify and quantify the area of loss of woodland with moderate or high ecological value, and provide at least 1:1 compensatory woodland planting. The Plan shall include details on plant species selection, planting scheme and schedule, fire control, post-planting monitoring and maintenance, as well as setting of action targets. All recommended measures as set out in the approved Transplantation Proposal shall be fully and properly implemented If transplantation is required under the Vegetation Survey Report and the Transplantation Proposal, post-transplantation monitoring should be undertaken by a QE/ botanist of the ET.	The Vegetation Survey Report and the Transplantation Proposal is prepared by the proposed QE Mr. Leung Wing Keung, Mike	Baseline period and throughout the construction phase of CV/2017/02	
Condition 2.19		Submission of Monitoring and Survey Plan for Golden-hea ded Cisticola	The Monitoring and Survey Plan for Golden-headed Cisticola shall be prepared by a qualified ecologist/ornithologist and shall be certified by the ET Leader and verified by the IEC as conforming to the information and recommendations contained in the approved EIA Report.	The Plan prepared by a qualified ecologist/ornithologist shall include an Action Plan in response to any irregularities identified. All recommended measures as set out in the approved Monitoring and Survey Plan shall be fully and properly implemented.	Monitoring and Survey Plan for Golden-headed Cisticola is prepared by Mr. Keith L.W. Kei	Baseline period and throughout the construction phase of CV/2017/02	Mr. Keith L.W. Kei has consultancy and field experiences on bird surveys and monitoring on the designated project in Hong Kong. Please refer to the CV for

Development of Columbarium at Sandy Ridge Cemetery – Infrastructural Works at Man Kam To Road and Lin Ma Hang Road Submission of Qualification and Experience of Proposed Qualified Ecologist (Condition 2.1 and 2.4 under Environmental Permit No.EP-534/2017/A)

EP condition Ref.	EM&A Manual Ref.	Submission / monitoring	Tasks carried out by the proposed ecologist	Details of duties to be carried out by Qualified Ecologist	Responsible Qualified Ecologist	Duration	Capable of executing the required responsibilities
Condition 2.20	S10.2.17 to S10.2.19	Precautionar y checks on the presence of nesting birds before any vegetation clearance in breeding season	Precautionary check on the presence of nesting birds before any vegetation clearance in breeding season.	Precautionary checks by a qualified experienced ecologist of the vegetation for the presence of nesting birds should be carried out in the breeding season (February to July) before vegetation clearance. If nesting birds are found to be present, any vegetation clearance that may affect the nesting birds in the proximity shall not be carried out.	Precautionary checks on the presence of nesting birds before any vegetation clearance in breeding season will be conducted by the proposed QE Mr. Keith L.W. Kei	Baseline period and throughout the construction phase of CV/2017/02	details. Please refer to the enclosed Curriculum Vitaes for details on his Qualification and experience.
Condition 2.19 and Condition 3.2 (i)		Baseline monitoring report for Golden-hea ded Cisticola	Baseline environmental monitoring, including baseline survey and monitoring of Golden-headed Cisticola.	Baseline survey and monitoring of Golden-headed Cisticola as mentioned in EP Condition 2.19 shall be conducted by the qualified ecologist and determine the Action/ Limit Level for construction phase.	Baseline monitoring report for Golden-headed Cisticola will be conducted by the proposed QE Mr. Keith L.W. Kei	Baseline period and throughout the construction phase of CV/2017/02	
	S10.4.1.1 7 to S10.4.1.2 1	Pre-construc tion monitoring of measures to minimise impacts to sensitive habitats	12-month pre-construction phase monitoring of measures to minimise impacts to sensitive habitats	<ul> <li>(a) To conduct monthly quantitative replicate surveys of aquatic fauna using standardised methodology at fixed points, the number of which should be determined prior to the first monitoring event; and set out Action and limit levels and responses to evidence of declines in aquatic fauna.</li> <li>(b) To conduct monthly quantitative surveys of non-aquatic fauna using standard route transect counts; and Action and limit levels and responses to evidence of declines in fauna.</li> </ul>	The review on the Pre-construction monitoring of measures to minimise impacts to sensitive habitats is conducted by the proposed QE Dr. Keith Wong.	Baseline period and throughout the construction phase of CV/2017/02	Dr Wong is an Ecological Specialist and Tree Specialist with more than 26 years ecological consultancy experience in Hong Kong, and has special interest in ecological census, landscape ecology, wetland restoration and arboriculture management.

## Development of Columbarium at Sandy Ridge Cemetery – Infrastructural Works at Man Kam To Road and Lin Ma Hang Road Submission of Qualification and Experience of Proposed Qualified Ecologist (Condition 2.1 and 2.4 under Environmental Permit No.EP-534/2017/A)

EP condition Ref	EM&A Manual Ref	Submission / monitoring	Tasks carried out by the proposed ecologist	Details of duties to be carried out by Qualified Ecologist	Responsible Qualified Ecologist	Duration	Capable of executing the required
<u> </u>							Please refer to the enclosed Curriculum Vitaes for details on his Qualification and experience.
	S10.4.1.1 7 to S10.4.1.2 1	Monitoring of measures to minimise impacts to sensitive habitats during construction	Monitoring of measures to minimise impacts to sensitive habitats during construction, including monitoring of Golden-headed Cisticola.	<ul> <li>(a) To conduct monthly quantitative replicate surveys of stream fauna using standardised methodology at the fixed points determined in the pre-construction phase, and to respond to decreases in numbers of aquatic fauna using the watercourses and action and limit levels.</li> <li>(b) To conduct monthly quantitative surveys of non-aquatic fauna using standard route transect counts, and to respond to decreases in numbers of aquatic fauna using the watercourses and action and limit levels.</li> </ul>	Monitoring of measures to minimise impacts to sensitive habitats during construction is conducted by the proposed QE Mr. Alan Lam	Baseline period and throughout the construction phase of CV/2017/02	Mr. Alan Lam has more than 10 years in ecological surveys and conservation studies. He participated in the surveys of number of EIA studies and ecological studies. Please refer to the enclosed Curriculum Vitaes for details on his Qualification and experience.



## LEUNG Wing-Keung, Mike

## Staff Curriculum Vitae

### **Professional History**

2010/03 – present	<b>Director</b> Muni Arborist Limited
2009/02 - 2010/03	Resident Senior Field Officer
2008/05 – 2009/01	ACLA Ltd. Resident Field Officer I
	P & T Architects and Engineers Ltd.
2007/04 - 2008/04	Senior Landscape Supervisor
	Oriental Landscape Ltd.
2005/05 - 2007/03	Horticulturist/ Assistant Project Manager
	ACLA Ltd.
2005/02 - 2005/08	Landscape Foreman
	Clearwater Bay Golf and Country Club
2004/01 - 2005/01	Project Coordinator
	Pegasus Greenland Limited

#### **Academic Training**

Grad Cert	Graduate Cert in Arboriculture	2017
Degree Diploma	BSc. in Environmental Science PDBM in Management Theory and Practice	2003 2014

## **Professional Qualification**

Technical Member
Tree Risk Assessment Qualification
Municipal Specialist (HK-0287AM)
Certified Arborist (HK-0287AM)

#### **Training Certificate**

Certified	Integrated Pest Management
Certified	Permaculture Design

Certified Turf Professional

**Diploma in Chinese Medicinal Herbs** 

### **Professional Affiliation**

**ISA HK Chapter ISA HK Chapter** ISA HK Chapter Steering Committee ISA ISA HK/China International Society of Arboriculture (ISA)



The Chinese University of Hong Kong Vocational Training Council
The Arboricultural Association International Society of Arboriculture International Society of Arboriculture

The University of Melbourne

International Society of Arboriculture
Purdue University
Permaculture Institute
Hong Kong

The University of Georgia

Hong Kong Chinese Medical Research Institute

2018 – present President Vice President Co-chair 2010 – present Proctor/Evaluator Vice President 2007 – present **Professional Member** 

## **Background and training**

Mike has a Bachelor Degree in Environmental Science and equipped with knowledge including ecology, landscape ecology, EIA and etc through the university training. After graduation, he further studied a Chinese Medicinal Herbs Diploma course which covers

2013 2013

2011 2006

2011 2011

2008

2006

2013 – 2018

2012 - 2013

2010 - 2013



identification of different herbs and shrubs in rural area.

# Experience in Identification of species of conservation importance

Mike was the independent Vegetation Maintenance Checker(VMC) for a slope vegetation maintenance project for ArchSD (TCD 938/TCY038/TCD938) from 2010 - 2018, which covers more than 100, 000 trees plus vegetation on slopes maintained by ArchSD. The project requires horticultural maintenance of slope with protection of plant including orchids, *Pavetta hongkongensis, Aquilaria sinensis* and etc which are commonly found on man-made slopes. Examples include setting up protection measures of *Coelogyne fimbriata* on a slope at Tai Mo Shan. All 3000 slopes, located in the countryside, rural areas, parks and re-site villages, were surveyed to protect species of conservation importance prior to horticulture maintenance. The survey was conducted yearly throughout the contract period.

In the Sik Sik Yuen Good Wish Garden project, Mike was responsible to conduct baseline and follow up monitoring vegetation (special attention to butterfly food plant species, protected species and species with Chinese Medical use) before and after the construction of the enhancement features.

# Experience in Transplantation of species of conservation importance

From 2012 to now, Mike is currently the project director of MTR Shatin to Central Line (SCL). Mike was responsible to identify the tree on site and to design the method statement and to prepare logistics, on behalf of MTR, with the contractors. Examples includes four 15m tall *Ailanthus fordii*, which is a protected species under Cap 96, at Olympic Garden Kowloon City being transplanted to off-site holding nursery and seven young *Aquilaria sinensis*, which is a protected species under Cap 586, on a slope at Hin Heng Tai Wai being transplanted onsite.

# Experience in Grassland and Woodland compensation

In the ArchSD (TCD 938/TCY038/TCD938) project from 2010-2018, one of the task under the same project is Woodland Management which includes woodland thinning and enhancement of vegetated slopes by identity native species, to preserve and to remove overcrowded plants and invasive and parasitic vines, weeds and unwanted vegetation that compete with other vegetation that hinder the establishment of woodland/shrubland or weaken bio-diversity. After the removal of the unwanted vegetation, compensatory



LEUNG Wing-Keung, Mike

planting proposal using the native species (which the seedlings were supplied by AFCD's			
Tai Tong Nursery) were proposed to create a woodland which is similar to the existing			
woodland nearby. Mike was responsible to de-	sign and to supervise the Woodland		
Management.			
Project Experience	<u>Duties</u>		
C11038 – Arborist Consultancy for Shatin to Central Line for MTRC (Project Director) July 2012 – present	To deploy resources and manpower to fulfil the tree preservation requirements stated in Environmental Permit		
FEHD E90/2012 Provision of Tree Risk Assessment, Inspection, Maintenance and Related Arboricultural Services to the Venues Under the Management of the District Environmental Hygiene Office (Project Director) June 2013 - May 2015	Arrange arborist to conduct inspection and arboricultural works supervision		
C735F - West Island Line Arborist for Tree Protection – for MTRC (Project Director) Dec 2009 – June 2016 (31 months)	To deploy resources and manpower to fulfil the tree preservation requirements stated in Environmental Permit		
TCY038/TCD 938 – The Term Contract for the Maintenance of Slopes for which the Architectural Services Department (Property Services Branch) is Responsible – NT and Outlying Islands (N) – for ArchSD (Senior Independent Checker) Oct 2010 – Oct 2019	Arrange arborist to conduct horticultural maintenance including tree risk assessment (~100, 000 trees).		
Contract No. HY/2010/08 Central Wan Chai Bypass Tunnel SR8	Independent Tree Expert to advise tree preservation		
Independent Qualified Arborist for T15 Tree Transplant for the Proposed Residential Development at Fanling, Sheung Shui Town Lot No. 177 Aug 2010 – July 2015	Independent Arborist to advise and supervise a large tree transplant for a private development		
TCR318 - Tree Safety Enhancement Measures on SIMAR Slopes Maintained by ArchSD – for ArchSD (Senior Qualified Arborist)	Supervision and conducting of tree risk assessment for ~50, 000 trees.		
KS20100061 - Tree Risk Assessment and Inspection for 41 Public Rental Housing Estates in Wong Tai Sin, Tsing Yi, Tsuen Wan and Islands Region – for Housing Authority (Qualified Arborist)	Conducting tree risk assessment, supervision of tree risk mitigation works for ~20,000 trees.		
Maintenance Services for Old and Valuable Trees (New Territories) – for LCSD (Qualified Arborist)	Monitoring of Old and Valuable Trees (OVTs) conditions in twice a year basis.		
Tree Risk Assessment for 16 Public Housing Estates in Kowloon East and Outlying Islands Region	Conducting tree risk assessment in Public Housing Estates.		



LEUNG Wing-Keung, Mike

HY/2009/03 - Tuen Mun Highways Widening Phase 4 – for HyD (Independent Tree Specialist)	Tree specialist in supervising the implementation of tree protection.			
Yuet Wah Street Bus Terminus Redevelopment – for Urban Renewal Authority (Field Officer)	Field Officer for tree protection			
Monitoring of Preserved Trees for the Hotel Development at the Former Marine Police Station at Tsim Sha Tsui (Heritage 1881)	Monthly monitoring of large trees' condition during construction.			
Equestrian Olympic Game in HK 2008	Supervision of landscape works in HKSI, Perfold Park and Beas River Country Club.			
Greening Works in Urban Areas Phase II and III (Resident Senior Field Officer)	Resident site staff for supervision of soft landscape works.			
District Open Space at Po Kong Village Road, Wong Tai Sin – for ArchSD (Resident Field Officer)	Resident site staff for supervision of soft landscape works.			
Hong Kong Jockey Club's Third Golf Club at Kau Sai Chau	Supervision of soft landscape works.			

# Keith L W Kei

#### Ecologist

Mr. Kei is an Ecologist with extensive experience in marine and ecological survey including subtidal, intertidal and bird surveys.

Mr. Kei is the Executive Director of Reef Check Foundation, Hong Kong (one of the sub-branch of worldwide Reef Check Foundation) and organized the activities of "Reef Check" in Hong Kong since 1998. The objectives of this activity are to monitor the health status of corals in Hong Kong and increase public awareness and attention on coral conservation. Since 2000, the Reef Check Foundation is collaborating with Agriculture, Fisheries and Conservation Department to organize the activity.

Mr. Kei is working as a demonstrator in Hong Kong Baptist University and needs to arrange ecological field trip for students frequently including bird survey, intertidal survey and tree survey in the past 10 years. He is also an active bird watcher for the past 10 years.

In addition to the above, Mr. Kei has conducted a number of ecological survey and impact assessment for local consultant companies including Environment Resource Management ERM, Maunsell Consultants Company Ltd. and Ecosystem.

### **Fields of Competence**

- 1. Coral Habitat Assessment
- 2. Environmental Impact Assessment
- 3. Marine/Coastal Ecology Management
- 4. Natural Resources and Conservation

#### Education

1. MPhil in Biology (1997), The Hong Kong University of Science and Technology

2. BSc (Honours) in Biology (1995), The Hong Kong University of Science and Technology

#### **Professional Affiliations & Registrations**

- 1. Director, Hong Kong Reef Check Foundation
- 2. Member of Hong Kong Bird Watching Society

### Languages

- 1. English
- 2. Cantonese
- 3. Mandarin

# Consultancy Survey Experiences for Bird Survey

- WBSE Survey for "CE9/2011 (CE) Increasing Land Supply by Reclamation and Rock Cavern Development cum Public Engagement - Feasibility Study"
- Ecological Monitoring for Trial Piling Works for Proposed Comprehensive Development at Tin Shui Wai Area 115 (2012)
  - 4 months monitoring with 3 times per week frequency from April 2012 to Aug 2012. The monitoring was done by both sighting and hearing of bird species inside the Wetland Park area. Beside the wetland park area, some grassland along the working areas were also surveyed.
- The Drainage Services Department (DSD) "Agreement No. CE 56/2014 (DS) Relocation to Sham Tseng Sewage Treatment Works to Caverns – Feasibility Study" (2016)
  - Bird surveys were carried out 3 times at wet season and 3 times at dry season. Habitats being surveyed included shrubland, plantation, woodland, developed area, watercourses and coastlines along the work area. Both sighting and hearing were used during the survey
- WBSE Monitoring for IWMF Shek Kwu Chau Incinerator (2017 to present)

## **Other Relevant Experiences**

- 1. Arrange bird survey for university students during ecology field trip (2007 to present)
  - Survey area including Tai Pu Kau, Tai Mo Shan and Long Valley in the past 10 years
- Volunteer for Hong Kong Bird Watching Society (2013 to present)

Name:	Dr Keith, Yim Wah WONG
Nationality:	Chinese
Profession:	Ecologist/Arborist
Specialisation:	<ul> <li>Ecological Assessment, Restoration Ecology, Landscape Ecology, Wetland Ecology, Tree Assessment and Management</li> </ul>
Qualifications:	<ul> <li>BSc, University of Hong Kong, 1992</li> <li>PhD, University of Hong Kong, 1998</li> <li>Certified Arborist, International Society of Arboriculture, since 2009</li> </ul>
Veere of Experience	00

Years of Experience: 26 years

## Profile

Dr Wong is an Ecological Specialist and Tree Specialist with more than 26 years ecological consultancy experience in Hong Kong, and has special interest in ecological census, landscape ecology, wetland restoration and arboriculture management. He is experienced in designing, managing and conducting ecological studies that utilizing remote sensing technology in habitat, flora and fauna survey, ecological evaluation and habitat assessment, ecological impact assessment and monitoring, as well as tree risk management. Dr Wong is also experienced in the design and supervision of ecological mitigation projects that involved sensitive ecological habitats (wetland and woodland), rare or protected species.

Dr Wong has more than 26 years practical experience in providing his expertise knowledge in ecological conservation and tree management to a wide array of organizations in Hong Kong, including government, developers, environmental/engineering consultants, construction/landscaping contractors, school and NGO; and he has been engaged in different capacities during a project cycle of a infra-structure project and has extensive experience in working with different professionals of the Project Team and hence familiar with the statutory and non-statutory arrangements in nature and tree conservation in Hong Kong as well as other aspects. In recent years, Dr Wong has also involved in the national wetland park development project in the Mainland China, the LNG Terminal development project in Singapore, as well as several residential development projects in Macau.

### **Relevant Projects**

Agreement No. CE45/2008 (CE) Liantang/Heung Yuen Wai Boundary Control Point and Associated Works, Environmental Monitoring And Audit, CEDD: Dr Wong is the Ecological Specialist of the Environmental Team and responsible for advising the Environmental Team Leader of the implementation status of the mitigation measures recommended for alleviating the identified impact, as well as supervising the ET in monitoring the establishment of a 18.6ha compensatory woodland created under the project.

**CEDD** Service Contract No. NTE/07/2016 Development of Anderson Road Quarry Site – Site Formation and Associated Infrastructure Works. Dr Wong is the Environmental Team's Ecological Specialist, and has undertaken a detailed vegetation survey and wildlife survey to identify the presence of any floral/faunal species of conservation interest within the project area, and prepared a transplanting proposal for the project.

**Contract No., TSW-C004 Ocean Park Tai Shue Wan Development, Site Formation and Foundation Works**, 2015 – 2017. Dr Wong was the Environmental Team's Ecological Specialist and responsible for the auditing and monitoring of the ecological mitigation measures recommended for the construction (site formation) phase of the project, including monthly monitoring of the protective measures for plant species of conservation interest.

Agreement No. CE 66/2017(CE) - Site Formation and Infrastructure Works for Industrial Sites in Tuen Mun, Hung Shui Kiu and Yuen Long Areas - Investigation, Design & Construction, CEDD: Dr Wong is the Project Ecologist and Tree Specialist of this project, and responsible for undertaking the ecological field survey, identifying the potential ecological impact associated with the site formation works

of this project, as well as undertaking the tree assessment and preparing the Tree Preservation and Removal Proposal.

Agreement No. CE 52/2017 (CE) 4 Engineering Feasibility Studies for Site Formation and Infrastructure Works for Housing Developments In North District – Feasibility Study, CEDD: Dr Wong is the Project Ecologist of this project, and responsible for undertaking the ecological survey, identifying the ecological sensitivity of the proposed development areas and assessing the potential ecological impact from the site formation project, in particularly the wetland habitat in Long Valley as well as the woodland habitat at the Tong Hang area.

Agreement No. CE 61/2017(CE) - Site Formation and Infrastructure Works for Development at To Yuen Tung, Tai Po – Feasibility Study, CEDD. Dr Wong is the Project Ecologist and Tree Specialist of this project, and responsible for undertaking the ecological field survey, identifying the potential ecological impact associated with the site formation works of this project, as well as undertaking the tree survey/assessment and preparing the Tree Preservation and Removal Proposal.

Agreement No. CE34/2015 (WS) Water Supply to New Housing Developments in Sheung Shui and Fanling - Investigation, Design and Construction, WSD: Dr Wong is the Project Ecologist and Tree Specialist of this project, and responsible for undertaking the ecological field survey, assessing the potential ecological and tree impact arising from the construction of a new freshwater service reservoir in the Tong Hang area, as well as the water mains alignment in the Tong Hang, Sheung Shui and Fanling Area.

Agreement No. CE 45/2016 (CE) Site Formation and Infrastructural Works for the Development at Shek Pai Street, Kwai Chung - Feasibility Study, CEDD: Dr Wong is the Project Ecologist of this project, and responsible for undertaking the ecological field survey, identifying the ecological sensitivity of the proposed development area and assessing the potential ecological impact from the site formation project. Practical mitigation measures have been recommended to mitigate the identified ecological impact, including compensate for the loss of woodland habitat and natural stream courses.

Agreement No. CE79/2014 (DS) Energizing Kowloon East - Revitalization of Tsui Ping River - Investigation, DSD: Dr Wong is the Project Ecologist of this project, which is aim to enrich the landscaping and ecological functions of the exiting concreted channel, and the work scope of Dr Wong include undertake a ecological review of the potential impact, and recommend practical measures to enhance the ecological value of the riverine environment along the Tsui Ping River.

Agreement No. CE25/2013 (DS) West Kowloon and Tsuen Wan Village Sewerage and North District Sewerage - Investigation, Design and Construction, Hong Kong, DSD: Project Ecologist of this drainage improvement project and responsible for the ecological impact assessment and ecological review for more than 20 villages within the Project areas in 3 Districts, and managing/supervising the field survey, as well as investigating and proposing mitigation measures to alleviate the potential ecological impact to any sensitive ecological resources within the Study Area, in particularly the natural woodland and pristine watercourses on Tai Mo Shan.

Agreement No. CE22/2013 (DS) Drainage Improvement Works in Yuen Long, Stage 1 - Investigation, Design and Construction, Hong Kong, DSD: Dr Wong is the Ecologist of the project and responsible for the ecological impact assessment of the Environmental Review and EIA studies, and during which he has organised and supervised the ecological baseline survey for 8 villages where the potential impact to watercourses, woodland and farmlands has been identified as the key ecological issues.

Agreement No. CE57/2011 (DS) Drainage Improvement at Northern New Territories - Package A - Drainage Improvement Works in San Tin (Remaining Works) - Investigation, Hong Kong, DSD: Dr Wong is the Project Ecologist of this drainage improvement project and responsible for managing and supervising the field survey, as well as undertaking the ecological impact assessment of the proposed works at different sections of the tributaries at the San Tin Basin, with a particular focus on the sensitive ecological resources including various wetland habitats and egretries in the vicinity of the project area.

### **Employment History**

2010 to date	Oikos Consulting Limited - Director
2008 to 2010	The Open University of Hong Kong - Tutor for Ecology Course
2004 to 2008	Hong Kong Quality Assurance Agency - Environmental Auditor
2001 to 2004	Environmental Resources Management Hong Kong - Consultant
1998 to 2001	Open Learning Institution - Ecology Field Instructor
1996 to 1998	Independent Ecological Consultant
I	

#### Language

Cantonese mother tongue; fluent in English.







### Academic Training

Degrees	BSSc. In Liberal Studies	2013
-	BA in Philosophy	2005

# Professional Association

Education and Publicity Committee of Hong Kong Bird Watching Society The Open University of Hong Kong Lingnan University

Hong Kong Bird Watching Society

## Key Experience

Mr.Lam has more than 10 years in ecological surveys and conservation studies. He participated in the surveys of a number of EIA studies and ecological studies since he joined Ecosystems Ltd. In addition to surveys of terrestrial fauna, he also conducted surveys of the fauna of freshwater, intertidal and marine habitats, and taking samples and measuring environmental parameters in these habitats.

2013

Mr. Lam has participated in many bird surveys organised or coordinated by The Hong Kong Bird Watching Society. Apart from field surveys, Mr. Lam also served as a member of Education and Publicity Committee of Hong Kong Bird Watching Society. Mr. Lam also acquired his experience and knowledge of water birds through working in the Hong Kong Wetland Park.

In addition to bird studies, Mr. Lam also has extensive experience in the ecology of butterfly. He has worked as a project officer in Fung Yuen Butterfly Reserve managed by Tai Po Environmental Association. Fung Yuen is the most butterfly diverse location in Hong Kong. More than 200 species of butterfly (or 80% of the total in Hong Kong) have been recorded in this reserve.

## Project Experience

Ecological Surveys for Sha Tin Carven Treatment Works (Contract no. SPW 09/2014)

## **Duties**

Ecological Surveyor for conducting field surveys for the assessment of the potential ecological impact of the relocation of Sha Tin Sewage



N.L. Lam Alan

Treatment Works to Caverns.

Preliminary Integrated Development Study on Reclamation in Association with Relocation in association with Relocation of Sai Kung Sewage Treatment Works – Feasibility Study (Agreement no. CE 26/2014(CE))

Relocation of Sai Kung Sewage Treatment Works to Caverns – Feasibility Study (Agreement no. CE 17/2014(DS))

Development of Lok Ma Chau Loop: Land Decontamination and Advance Engineering Works -Design and Construction (Agreement no. CE 5/2014(CE))

Ecological Monitoring for Mangrove Management Tin Shui Wai Main Nullah (Agreement no. MN 03/2014)

Ecological surveys for Desalination Plant at Tseung Kwan O (Agreement no. CE 21/2012(WS)) Ecological Surveyor for conducting field surveys for the assessment of the potential ecological impact of reclamation works in Sai Kung

Ecological Surveyor for conducting field surveys and assessment of the potential ecological impact of the relocation of Sai Kung Sewage Treatment Works to Caverns.

Ecological Surveyor for conducting supplementary surveys and design of compensation wetlands in the Lok Ma Chau Loop. The project aims to provide compensation wetlands prior to the removal of reedbed in the Lok Ma Chau Loop. The survey technique "mist-netting" was used in the baseline surveys. Camera traps were used to survey medium-sized mammals in the Lok Ma Chau Loop.

Ecological Surveyor for conducting field surveys and assessment of the ecological effect of pruning of mangroves in the Tin Shui Wai nullah in Northwest New Territories. The project covered avifauna, benthic communities and mangrove communities.

Ecological Surveyor for ecological baseline surveys for a desalination plant and associated water in Tseng Kwan O.



Cable Duct Crossing at Po Chue Tam, Tai O	Ecological Surveyor for ecological baseline surveys for a cable duct crossing in inter-tidal habitat near Po Chue Tam in Tai O of Lantau Island.
Study on Benthic Fauna in mangrove forest and geiwai of Mai Po	Specialist for an AFCD contract to search and identify the endemic species in Mai Po which attribute to its designation as a Ramsar Site.
Consultancy for Ecological Assessment and Soft Landscape Design for proposed Public Housing Development atFanling Area 49 (Agreement no. CB 20130576)	Ecological Surveyor for preparing enhancement plan, soft landscape design and maintenance manual for the Ecological Transition Zone of the proposed Master Layout. Also responsible for implementation of ecological monitoring programme during the construction phase. Bats roosting near the project site is one of the main issues of the project site.
Amphioxus Grab Sampling in Tung O Wan	Ecological Surveyor to investigate the abundance, distribution, and seasonal changes of the amphioxus inside Tung O Wan.
Ecological Monitoring of Jockey Club Kau Sai Chau Public Golf Course	Ecological Surveyor. Conduct surveys on the Jockey Club Kau Sai Chau Public Golf Course. The fauna groups include mammal, bird, herpetofauna, butterfly and dragonfly. The monitoring programme also covered the monitoring of other management measures in the golf course.

EPD EAD SC27R

本習檔號 OUR REF: (6) in EP2/N7/A/78 Pt27 來函檔號 YOUR REF 話 TËL NO. : 2835 1142 圖文傳頁 FAX NO **霄**子郫件 紼 봐 E-MAIL: HOMEPAGE: http://www.epd.gov.hk

Environmental Protection Department

**Branch Office** 28th Floor, Southorn Centre,

> 130 Hennessy Road, Wan Chai, Hong Kong.



16 May 2022

By Post & Fax: 2611 9699

The Project Manager's Site Office No. 12 Sha Ling Road, Sheung Shui New Territories (Attn: Mr. Anthony LAU)

Dear Mr. LAU,

# Environmental Impact Assessment (EIA) Ordinance (Cap. 499) Site Formation and Associated Infrastructural Works for Development of Columbarium, Crematorium and Related Facilities at Sandy Ridge Cemetery

## **Employment of Qualified Ecologist(s)** (Environmental Permit No. EP-534/2017A - EP Condition(s) 2.1 and 2.4)

I refer to your letter dated 15.5.2022 enclosing the qualifications of i) Mr. W. K. LEUNG, Mike, ii) Mr. L. W. Kei, Keith, iii) Dr. Y. W. WONG, Keith, and iv) Mr. N. L. LAM, Alan as the proposed Qualified Ecologists required under EP Condition 2.4. The letter was submitted with certification by the ET Leader and verification by the IEC.

Pursuant to Condition 2.1 of EP No. EP-01/534/2017/A, I hereby approve the 2. qualification of i) Mr. W. K. LEUNG, Mike, ii) Mr. L. W. Kei, Keith, iii) Dr. Y. W. WONG, Keith, and iv) Mr. N. L. LAM as the Qualified Ecologists for this Project.

The Qualified Ecologists are required to carry out the duties as specified in Condition 3. 2.4 of the captioned EP, following the division of labour as stated in your above letter.

4. Should you have any queries, please contact the undersigned or our Mr. Alex Lyn at 2835 1117.

Yours sincerely,

(Dr. MA Chi Wai) Acting Senior Environmental Protection Officer for Director of Environmental Protection

CEDD-DPTL (Land Works)

c.c

(Attn.: Steven SHUM)

Fax No. 2714 0079

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# Appendix H

# **Proposed Registered Landscape Architect**

Z:\Jobs\2018\TCS00944 (CV-2017-02)\600\Weekly Site Inspection\Proposal on the Site Inspection, Deficiency and Action Reporting Procedures\R0152v4a.doc Action-United Environmental Services and Consulting

EP	Submission	Responsibility and Duty Stipulated in	Duties to be carried out	Duration of	Justifications and Capable of
Condition/		the EP/ EM&A Manual	by RLA	the	Executing the Required
EM&A				proposed	Responsibilities
Manual				RLA	
Condition 2.1	Employment of	The ET shall be headed by an ET		Since project	Mr. SHIU Yau Bun, Ivan was
	Environmental	Leader and supported by relevant		commencem	certified by Landscape
	Team (ET)	specialists including qualified	Submit the qualification	ent and	Architects Registration Board
		ecologist(s) and Registered Landscape	and experience of proposed	throughout	as a Registered Landscape
		Architect. The qualifications of the	RLA with justifications for	the	Architect under the Landscape
		specialists in the ET shall be proposed	approval of the Director of	construction	Architects Registration
		with justifications for the approval of	Environmental Protection.	phase	Ordinance in 2013.
		the Director.	This submission shall be		
Condition 2.5	Employment of	A RLA shall be appointed, no later than	certified by the ET Leader	Since project	The RLA has received relevant
	Registered	one month before the commencement of	and verified by the IEC.	commencem	academic training in studying
	Landscape	the construction of the Project, to form		ent and	the Master of Landscape
	Architect	part of the ET to carry out work relating		throughout	Architecture. His abilities in
		to landscape aspects including but not		the	fulfilling the requirement as an
		limited to auditing the mitigation		construction	RLA, including LVIA EM&A,
		measures to ensure compliance with the		phase	was recognized by the
		recommendations of the approved EIA			Landscape Architects
		Report (Register No. AEIAR-198/2016)			Registration Board as a
		and to certify submissions for the			registered landscape architect.
		Project as required under Conditions			
		2.21 to 2.22. The qualification and			He has extensive experience in
		experience of the RLA shall be certified			the landscape industry from
		by the ET Leader and verified by the			planning to implementation and
		IEC.			provided full scope of
Conditions	Landscape &	The plan shall be certified by the RLA	(1) The Landscape &	Since project	landscape consultancy for the
2.21 to 2.22	Visual	appointed under Condition 2.5, and shall	Visual Mitigation and	commencem	development projects on tree
	Mitigation and	be certified by the ET Leader and	Tree Preservation Plan	ent and	protection/preservation/transpla
	Tree	verified by the IEC as conforming to the	shall be certified by the	throughout	ntation of existing tree as well
	Preservation	information and recommendations	the RLA appointed	the	as compensatory planting, and

We would like to summarise the information in relation to the required responsibility and capability as the proposed Registered Landscape Architect (RLA) <u>Mr. SHIU Yau Bun, Ivan</u> for carrying out the duties as specified in Condition 2.1 and 2.5 of the EP and EM&A Manual in below table.

EP Condition/	Submission	Responsibility and Duty Stipulated in the EP/EM&A Manual	Duties to be carried out	Duration of	Justifications and Capable of Executing the Required
EM&A				proposed	Responsibilities
Manual				RLA	
	Plan	contained in the approved EIA Report (Register No. AEIAR-198/2016) to the Director for approval. All recommended measures as set out in the approved Landscape & Visual Mitigation and Tree Preservation Plan(s) shall be properly implemented and maintained for the Project.	<ul> <li>under Condition 2.5 and shall be certified by ET Leader and verified by the IEC as conforming to the information and recommendations contained in the approved EIA Report to the Director for approval.</li> <li>(2) The RLA will conduct monthly audit to review if the recommended mitigation measures in the Plan are properly implemented and maintained for the</li> </ul>	construction phase	involved in relevant submissions under EIAO Please refer to the enclosed Curriculum Vitaes for details on their Qualification and experience.
EM & A	Monthly	Design staget Monitor design works	Project.	Since project	He has extensive experience in
Manual S12.3.1.2	Environmental Monitoring and Audit Report	against the recommendations of the landscape and visual impact assessments within the EIA during design stage of the Project, to ensure that they fulfil the intentions of the mitigation measures Construction stage: Monitoring of the Contractor's operations during the	be reported by Engineer confirming that the design conforms to requirements of EP. Construction stage: The RLA shall monitor and	commencem ent and throughout the construction phase	the landscape industry from planning to implementation and provided full scope of landscape consultancy for the development projects on tree protection/preservation/transpla ntation of existing tree as well as compensatory planting.
		construction period by conducting monthly audit to review if the mitigation measures (construction) are adequately	review if the mitigation measures (construction) are		

EP	Submission	Responsibility and Duty Stipulated in	Duties to be carried out	Duration of	Justifications and Capable of
EM&A Manual		the EP/ EM&A Manual	by KLA	tne proposed RLA	Responsibilities
		implemented and maintained. Establishment works: monitoring of the planting works during 3 year establishment period after completion of construction works.	adequately implemented and maintained. Establishment works: The mitigation measures that require monitoring/audit after construction of the Project (operation phase) will be employed by the Permit Holder in due course.		
Condition 3.2	Monthly Environmental Monitoring and Audit Report	Conducting impact monitoring and carrying out remedial action described in the Event/ Action Plans of the EM&A Manual.	The RLA will conduct monthly audit to review if the mitigation measures (construction) are adequately implemented and maintained.	Since project commencem ent and throughout the construction phase	He has extensive experience in the landscape industry from planning to implementation and provided full scope of landscape consultancy for the development projects on tree protection/preservation/transpla ntation of existing tree as well as compensatory planting.



## Staff Curriculum Vitae

<b>Professional</b>	History			
02/2014 – pres	sent	Landscape Architect Muni Arborist Limited		
2012 - 02/201	4	Landscape Architect Earthasia Limited		
2010 - 2012		Project Manager Belt Collins HK		
2007 - 2010		Project Landscape De Urbis Limited	signer	
2005		Assistant Designer St. legere International		
2003 - 2005		Assistant Project Adm Belt Collins HK	inistrator	
Academic Tra	ining			
Master	Master of Land	scape Architecture	2007	The University of Hong Kong
Degree	Degree in Arch	itectural Engineering	2003	University of Leed, UK

### Professional Qualification

<u>FIOIESSIONALQUAINCAUON</u>	
Registered Landscape Architect (R142)	Landscape Architects Registration Board
Professional Member, HKILA, (M171)	The Hong Kong Institute of Landscape Architects

### Key experience

Ivan has the academic background of engineering and landscape architecture. He has extensive experience in the landscape industry from planning to implementation. He is particularly experienced in landscape lead consultancy projects to ensure team work efficiently within required time frame and budget.

### **Project Experience**

Hong Kong & Macau Only (\*Project under EIAO)

\*2021 – present, Site Formation and Infrastructural Works for the Development at San Hing Road and Hong Po Road, Tuen Mun – Feasibility Study

- Client: CEDD
- Project Coordination
- Preparing and monitoring the baseline survey and assessment under EIAO

\*2021 – present, Environmental Review and Traffic Impact Assessment for Extension of Operation of Fill Bank at Tseung Kwan O Area 137 - Investigation

- Client: CEDD
- Project Coordination
- Preparing and monitoring the baseline survey and assessment under EIAO

\*2018 – present, The Site Formation and Association Infrastructural Works for Development of Columbarium at Sandy Ridge Cemetery (Contract CV/2016/10)

- Preparation of Landscape & Visual Mitigation and Tree Preservation Plan
- Conduct monthly LVIA monitoring



## Staff Curriculum Vitae

\*2018 – present, The Site Formation and Association Infrastructural Works for Development of Columbarium at Sandy Ridge Cemetery (Contract CV/2017/02)

- Preparation of Landscape & Visual Mitigation and Tree Preservation Plan
- Conduct monthly LVIA monitoring

2019, Redevelopment of Lai Chi Kok Reception Centre

- Client: Townland Consultants Limited
- Preparation of Tree Survey Report, Tree Preservation & Removal Proposal & Landscape Impact Assessment

2018 – present , Full scope landscape consultancy for the proposed residential development at Lot No.97 in Demarcation District No.388, No. 115 Castle Peak Road, Tsing Lung Tau, Tsuen Wan, N.T. Private Client: Sino Land Ltd.

2017 – present, Full scope landscape consultancy for the proposed commercial and residential development at KIL No.11254, Reclamation Street and Shangtung Street.

Client: Sino Land Ltd, Chuang's Consortium International Limited and Urban Renewal Authority

2016 – present , Full scope landscape consultancy for the proposed residential development at STTL 611, Whitehead, Ma On Shan, N.T.

Client: Sino Land Ltd.

2017, Provision of Landscape Architectural Design Service for ASD works order TC C514, Government House Central.

Client: Architectural Services Department

• Responsible for landscape consultancy services for the renovation works at tennis court of the Government House

2017, Green House Design for THEi New Campus, Chai Wan, Hong Kong.

Client: THEi, VTC

Architect: Ronald Lu

 Responsible for landscape consultancy services for Interior garden design for the new campus of THEi

2017, Streetscape Improvement works, 66-68 Cochrane Street, Central.

Client: CSI Contour Home

• Responsible for landscape consultancy services for Streetscape Improvement works and submission to Hyd department

2017, Provision of Landscape Architectural Design Service for ASD works order TC C514, Mediation Centre, Kowloon West.

Client: Architectural Services Department/ Department of Justice

• Responsible for landscape consultancy of landscape design including Tree Removal Application, Tree risk assessments and working drawings.

2016-17, Provision of Landscape Architectural Design Service for ASD works order TC C514, Community Green Stations at various districts.

Client: Architectural Services Department/ Environmental Protection Department

 Responsible for landscape consultancy for the CGS development at various districts including Tree Removal Application, Tree risk assessments, conceptual landscape design and working drawings.



## Staff Curriculum Vitae

- 2016-18, Provision of Landscape Design Services for the Hong Kong International Airport Client: Hong Kong Airport Authority
  - Responsible for landscape consultancy of upgrading landscape works of Hong Kong International Airport.

2016, Proposed Hotel (Wholesale Conversion of an Existing Building) in "Other Specified Uses" Annotated "Business" 101 Wai Yip Street, Kwun Tong, Kowloon

Client: IW Management

- Responsible for Landscape proposal submission in compliance with planning condition.
- \*2015 2017, Ocean Park Tai Chue Wan development, LVIA supervision and inspection, HK. Main Contractor: Paul Y
  - As the role of registered landscape architect, responsible for compliance checking for implementation of landscape works according to the Environmental Permit

2015, Caribbean Coast LMP amendment submission, Tung Chung, N.T.

Client: MTRC

• Responsible for re-submission of Landscape Master Plan in compliance with lease requirement.

### 2015, TVB International Media Center, TKO industrial Estate, N.T.

Lead consultant: ITC project management and Simon Kwan & Associates ltd.

- Client: Television broadcasts limited.
- Responsible for Tree Preservation and Removal Application, soft landscape design consultancy.

2015, The Hong Kong Polytechnics University CDEF court revitalization works

Lead consultant: MG design Limited

Client: Estate office of Poly U

• Responsible for Tree Preservation and Removal Application, soft landscape design consultancy.

2014, Improvement Works of Proposed Ball Court at Chinese Y.M.C.A. College, Ma On Shan, N.T., Hong Kong

Lead consultant: Ronald Lu

Contractor: Sun Hing Contractor

Client: Chinese Y.M.C.A.

• Responsible for Tree Preservation and Removal Application, soft landscape design consultancy.

2014, Tree transplanting supervision of Long Ping Station Extension for MTRC, N.T. Hong Kong.

- Contractor: Yu Wing Contractor Itd
- Responsible for Tree transplant method statement and site supervision for soft works contractor.

2014, Landscape consultancy services for two temples development at Ngau Tau Kok Lower Estates, KLN, Hong Kong.

Lead consultant: Kamyin consultants & engineering ltd.

• Responsible for Landscape Proposal submission to PlanD in compliance with planning condition.

2013, LOHAS Retail Development Landscape Consultancy Services for MTRC, N.T. Hong Kong. Client: MTRC

Lead consultant: P&T

• Responsible for Landscape Master Plan submission in compliance with planning condition which involves the application for over 300 trees removal.



## Staff Curriculum Vitae

- 2013, Chu Hai College Tuen Mun New Campus Landscape Consultancy Services N.T. Hong Kong. Lead consultant: Ove Arup Management & Rocco Design Client: Chu Hai College
  - Responsible for Tree Preservation and Removal application, Soft and Hard Landscape Design.

2013, Term Landscape Consultancy Services for Environmental Protection Department, Hong Kong.

2013, Lead consultancy services for Tai Kok Tsui Streetscape Improvement Works for URA, Hong Kong.

2012, Lead consultancy services for Tree Nursery Of West Kowloon Cultural District for WKCDA, Hong Kong.

Client: West Kowloon Cultural District Authority

• Responsible for Lead consultancy from Planning to Implementation for Nursery Park Development with WKCD.

2012-2015, Landscape consultancy services for Kai Yuen Lane Private Residential Development for New World Project Management Ltd, North Point, Hong Kong

Lead consultant: Wong Tung & Partners

Client: New World Project Management Itd.

• Responsible for full scope of landscape design services.

2012, Lead consultancy services for Man Cheong Street Open Space Development for Sino Group, Jordan, Hong Kong

Client: Sino Properties

Responsible for Tree Preservation and Removal application to LCSD Department and role of lead consultant

2012, Heya Residential Development Landscape Consultancy Services for Hong Kong Housing Society, Cheung Sha Wan, Hong Kong

2012, Landscape consultancy services for Studio City Casino Resort Development, Macau.

2010, Consultancy Agreement No. 9AW 026, Tuen Mun River Beautification - Tin Hau Temple Plaza

2008-2010, Provision of 26 nos. of Green Roofs at Various Locations at Hong Kong Island, Mui Wo and Hei Ling Chau

Client: ArchSD

 Responsible for landscape consultancy services for the provision of 26 nos. of green roofs at various government properties. EPD EAD SC27R

本響檔號	a
OUR REF: (10) In EP2/N7/A/78 Pt.27 來函檔號	Environme
YOUR REF 231448/(CV/2017/02)/M45/950/B02239 四 話	÷
TEL, NO.: 2835 1142 聞文儀庫	20
FAX NO 曾子邮件	
E-MAIL: 網 址 HOMEPAGE: http://www.epd.gov.hk	2

nmental Protection Department Branch Office 28th Floor, Southom Centre, 130 Hennessy Road,

Wan Chai, Hong Kong.



現境保護署分處 香港灣仔 軒尼時道 一百三十號 修頓中心廿八樓

## 14 July 2022

By Post & Fax: 2611 9699

ARUP Level 5 Festival Walk 80 Tat Chee Avenue Kowloon Tong Kowloon, Hong Kong (Attn: Mr. Anthony LAU)

Dear Mr. LAU,

# Environmental Impact Assessment (EIA) Ordinance (Cap. 499) Site Formation and Associated Infrastructural Works for Development of Columbarium, Crematorium and Related Facilities at Sandy Ridge Cemetery

### Employment of Registered Landscape Architect (Environmental Permit No. EP-534/2017/A – EP Condition(s) 2.1 and 2.5)

I refer to your letter dated 29.6.2022 enclosing the qualification Mr. SHIU Yau Bun, Ivan as the proposed Registered Landscape Architect required under EP Condition 2.5. The letter was submitted with certification by the ET Leader and verification by the IEC.

2. Pursuant to Condition 2.1 of EP No. EP-534/2017/A, I hereby approve the qualification of Mr. Shiu as the Registered Landscape Architect for this Project. The Registered Landscape Architect is required to carry out the duties as specified in Condition 2.5 of the captioned EP.

3. Should you have any queries, please contact the undersigned or our Mr. Alex Lyn at 2835 1117.

Yours sincerely,

(Dr. MA Chi Wai) Acting Senior Environmental Protection Officer for Director of Environmental Protection

c.c. CEDD-DPTL (Land Works) DPO/STN, PlanD

(Attn.: Mr. Steven SHUM) (Attn.: Ms. Amy CHONG) Fax No. 2714 0079 Fax No. 2691 2806

# b.c.c. internal:

S(RN)3 – with enclosure of f(10)



# Appendix I

# Accommodation of Environmental Team

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# Appendix J

# **Locations of Environmental Monitoring Stations**

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# Appendix K

## **Construction Master Programme**

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Develo	pment of	Columbarium at Sandy Ridge Cemetery - Infrastruct	ural Work	s at Man Kam	To Road and L	in Ma I	-lang F	Road								Initial Works Pro	gramme (06)
ID	WBS	Task Name	Duration	Start Date	Completion				20	)19							0004
	11.000				Date	Jun	1		Ja	n		Aug		Mar	Oct	May Dec. Jul Feb See	2024
						17	27	37	47	5 1:	5 25	35	45	3 13 23 33	43	43 53 10 20 30 40 50 8 18 28 38 48 6 16 26 36	46 4
1	1	Letter of Acceptance	0 days	Wed 30/5/18	Wed 30/5/18	1											10
2	2	Starting Date	0 days	Thu 31/5/18	Thu 31/5/18		1 1	11	1		1		n				
3	3	ET Submissions	9 days	Wed 26/9/18	Fri 5/10/18			H									
4	3.1	monitoring and survey plan for golden-headed cisticola	0 days	Thu 4/10/18	Thu 4/10/18			-		-	-11-			ĩ			
5	3.2	management organization	0 days	Thu 27/9/18	Thu 27/9/18			-						•			
6	3.3	layout plan of footpath at Lin Ma Hang Road	0 days	Fri 28/9/18	Fri 28/9/18			-									
	3.4	construction works schedule and location plan	0 days	Wed 26/9/18	Wed 26/9/18												
8	3.5	project specific EM&A manual	0 days	Fri 5/10/18	Fri 5/10/18			-									
9	5.0	vegetation survey report and transplantation proposal	0 days	Fri 28/9/18	Fri 28/9/18			-									
10	5.7	landscape & visual mitigation and tree preservation	0 days	FI 5/10/18	Fri 5/10/18			-									
11	18	pians(s) traffic poice mitigation plan	0 dave	Thu //10/18	Thu //10/18												
12	1	Lianc hoise miligation plan	0 udys 27 dovo	Mon 1/6/19	Cot 20/6/19												0.00
13	11	Applications to Government Department	27 days	Mon 4/6/18	Sat 30/0/10	T											
14	12	Application of chemical waste producer permit	27 days	Mon 4/6/18	Sat 30/6/18	LT											
15	13	Application of trin ticket system	27 days	Mon 4/6/18	Sat 30/6/18	UT.											
16	1.4	Notify the starting date of the Contract to CIC	0 days	Thu 14/6/18	Thu 14/6/18	IT											
		(Construction Industry Council Ordinance (Ch587) -	o dayo		1110 14/0/10												
		Form)															
17	1.5	Notify the starting date of the Contract to Labour Dept	0 days	Thu 14/6/18	Thu 14/6/18	-			-			-					
		(Construction Site (Safety) Regulation - Regulation	-														
	22	56(1))															
18	1.6	Notify the starting date of the Contract to CWRA	0 days	Thu 14/6/18	Thu 14/6/18						1	-					
10	. 7	(Application Form for Web Submission Administrator)	0.1	Th 44/0/40	TI 44/0/40												
19	+./	Notify the starting date of the Contract to PCFB	0 days	Thu 14/6/18	Thu 14/6/18												
		(Pheumoconiosis (Compensation) Ordinance - Form															
20		r(D)) Submissions & accentances	835 dave	Mon 4/6/18	Tue 15/0/20												
21	5.1	Submission of Subcontractor Management Plan	0 days		Tue 12/6/18												
22	5.2	acceptance of Subcontractor Management Plan	0 days	Fri 27/7/18	Fri 27/7/18		*										
23	5.3	Submission of Safety Plan	0 days	Tue 12/6/18	Tue 12/6/18							_					
24	5.4	acceptance of Safety Plan	0 days	Tue 28/8/18	Tue 28/8/18					_							
25	5.5	Submissions of Draft Environmental Management Plan	0 days	Fri 15/6/18	Fri 15/6/18					_		_	_				
		-															
26	5.6	acceptance of Draft Environmental Management Plan	0 days	Sun 23/12/18	Sun 23/12/18				1								
27	5.7	Submissions for acceptance of Environmental	0 days	Sun 6/1/19	Sun 6/1/19				1 5								
	•	Management Plan															
28	.8	acceptance of Environmental Management Plan	0 days	Sun 27/1/19	Sun 27/1/19												
29	5.9	Submissions for acceptance of Site Management Plan	0 days	Fri 10/8/18	Fri 10/8/18		•	11 11									
30	10	for Trip Ticket Implementation	0 dave	Mon 12/11/19	Mon 12/11/19												
50		Implementation	0 uays	10101112/11/10	101011 12/11/10												
31	5.11	Submission to EPD for billing account of Construction	0 days	Mon 4/6/18	Mon 4/6/18				<u>  </u>		_						
		Waste Disposal Charging Scheme	,-														
32	5.12	acceptance of billing account of Construction Waste	0 days	Wed 20/6/18	Wed 20/6/18	*					_		_				
		Disposal Charging Scheme by EPD															
33	5.13	Submit special traffic arrangement proposal at 2019	0 days	Mon 4/2/19	Mon 4/2/19					•							
24		Ching Ming Festival (5/4) for acceptance															
34	).14	acceptance of special traffic arrangement proposal at	0 days	Mon 25/2/19	Mon 25/2/19				i i								
35	15	2019 Ching Ming Festival (5/4)	0 dovo	Thu 0/0/10	Thu 9/9/10												
55	110	Chung Yeung Eestival (7/10) for accentance	0 uays	1110 0/0/19	1110 0/0/19							1					
36	5.16	acceptance of special traffic arrangement proposal at	0 days	Wed 28/8/19	Wed 28/8/19							-					
		2019 Chung Yeung Festival (7/10)	0 duyo	1100 20/0/10	WCG 20/0/10												
37	5.17	Submit special traffic arrangement proposal at 2020	0 days	Tue 4/2/20	Tue 4/2/20									h			
		Ching Ming Festival (4/4) for acceptance	,														
38	5.18	acceptance of special traffic arrangement proposal at	0 days	Mon 24/2/20	Mon 24/2/20									*			
	10	2020 Ching Ming Festival (4/4)															
39	5.19	Submit special traffic arrangement proposal at 2020	0 days	Wed 26/8/20	Wed 26/8/20									*TI			
40	5 20	Unung Yeung Festival (25/10) for acceptance	0 days	Tuo 15/0/00	Tue 15/0/00												
1 1 HU	1.20	acceptance of special traffic arrangement proposal at 2020 Chung Yeung Festival (25/10)	o days	Tue 15/9/20	Tue 15/9/20									1			
41	5.21	Book with a certification body accentable to the	0 dave	Fri 31/8/18	Fri 31/8/18		*										
5.90% S	1111111	Employer the date of audit for the ISO 9001:2008	o auyo		1101/0/10												
		certification			1112												
						10											l
Sang Hi	ng Civil Co	ontractors Company Limited	-								F	Page 1/36				IWP(06) 2	J190531issued

Contract No. CV/2017/02 Development of Columbarium at Sandy Ridge Cemetery - Infrastructural Works at Man Kam To Road and Lin Ma Hang Road

D	WBS	Task Name	Duration	Start Date	Completion		2019		1.000					11/2010	
					Date	Jun	Jan		Aug		Mar	Oc		May	Dec
42	5.22	Submissions for acceptance of Temporary Drainage and Sewerage Management Plan (TDSMP) for Lin Ma Hang Road	0 days	Tue 27/11/18	Tue 27/11/18		47 5	5 15	25 35	45	3 13	23 33	43 53	10 20	30 40 5
43	5.23	acceptance of TDSMP by DSD and the Project Manager	0 days	Tue 18/12/18	Tue 18/12/18		*								
44	6	Liaison with Utility Undertakers	979 days	Fri 1/6/18	Wed 3/2/21				-				-		
45	6.1	Obtain most update utility drawings from various utility undertakers	120 days	Fri 1/6/18	Fri 28/9/18	-									
46	6.2	Liaise with various utility undertakers and associated connection works & utility services to be diverted / abandoned	859 days	Sat 29/9/18	Wed 3/2/21									1. -	
47	7	Liaison with Contract CV/2016/01 regarding Parts A1 to A4 (refer PS Appendix A1)	979 days	Fri 1/6/18	Wed 3/2/21	T									
48	8	Liaison Meeting with Interface and associated contractors	389 days	Fri 1/6/18	Mon 24/6/19										
49	8.1	form an Interface Management Liaison Group (IMLG)	200 days	Fri 1/6/18	Mon 17/12/18	+									
50	8.2	seek comment by PM, agree within interface parties & submit the agreed Preliminary Interface Management Plan (IMP) for PM's record	145 days	Tue 18/12/18	Sat 11/5/19										
51	8.3	submit an agreed Detailed IMP	0 days	Mon 3/6/19	Mon 3/6/19										
52	0.4	acceptance of an agreed Detailed IMP	U days	Mon 24/6/19	Mon 24/6/19			•							
50	9	Tree Survey Reporting	164 days	Fri 1/6/18	Sun 11/11/18	+									
55	0.2	submission of Landscape Specialist	65 days	FFI 1/6/18	Sat 4/8/18										
56	0.2	acceptance of Landscape Specialist	0 days	Sat 25/8/18	Sat 25/8/18										
57	0.4		/o days	Sun 20/0/18	FI 9/11/18										
58	10	Submission of free survey report	0 days	SUN 11/11/18	Sun 11/11/18										
59	10.1	Design for Street lighting plong Lin Ma Hong	210 days	FII 1/0/10	VVeu 1/4/20 Set 6/4/10	+									
		Road-PS1.105(2)(a)(iv) - submit for HyD, ArchSD and relevant parties' agreement at least 9 months prior to the commencement of street lighting	5 TO UAYS	1111/0/16	Sal 0/4/19										
60	10.2	submission of designs for street lighting along Lin Ma Hang Road	0 days	Mon 8/4/19	Mon 8/4/19			*							
61	10.3	acceptance for designs for street lighting along Lin Ma Hang Road	0 days	Tue 7/1/20	Tue 7/1/20						T)				
62	10.4	Design for Street lighting along Road B, Road E, Road F(part) and Sheung Shui Landmark PTI -PS1.105(2)(a)(iv) - submit for HyD, ArchSD and relevant parties' agreement at least 9 months prior to the commencement of street lighting	57 days	Sun 7/4/19	Sun 2/6/19			-							
63	10.5	submission of designs for street lighting along Road B, Road E, Road F(part) and Sheung Shui Landmark PTI	0 days	Sun 2/6/19	Sun 2/6/19			*							
64	10.6	acceptance for designs for street lighting along Road B, Road E, Road F(part) and Sheung Shui Landmark PTI -PS1.105(2)(a)(iv)	0 days	Sun 1/3/20	Sun 1/3/20										
65	10.7	Coordination with CLP to obtain the electricity supply for the street lighting system (Design for Road B, Road E, Road F(part), Lin Ma Hang Road and Sheung Shui Landmark PTI & Lighting system for the covered walkway)	31 days	Mon 2/3/20	Wed 1/4/20										
66	11	Provision of Project Manager's Site Accommodation (PS1.08A(b) & 1.49)	28 days	Fri 1/6/18	Thu 28/6/18	-				ſ					
67	12	Design of irrigation system within the Sandy Ridge Cemetery (LS/2021, 2041, 2042, W/1041,1011)	21 days	Fri 20/12/19	Fri 10/1/20										
08	12.1	submit design for acceptance	0 days	Fri 20/12/19	Fri 20/12/19										
09	12.2	acceptance of design	0 days	Fri 10/1/20	Fri 10/1/20										
70	13	Condition Survey	81 days	Thu 23/8/18	Sun 11/11/18										
71	13.1	submit of Qualified Engineer for Condition Survey	U days	Thu 23/8/18	Thu 23/8/18										
72	13.2	acceptance of Qualified Engineer for Condition Survey	U days	Wed 12/9/18	Wed 12/9/18										
15	13.3	submit condition survey of graded historic buildings and other built heritage under PS 25.40 for acceptance	0 days	Sun 21/10/18	Sun 21/10/18										
_									II						

024	2	_	19	 _				<b>D</b> 1	1				 .1	1.7		 	-
4	46	T	Sep 36	26	1	16	T	reb 6	3	48	1	38	נג 28	J	18	8	
1																	

Contr Deve	act No. C' opment o	V/2017/02 f Columbarium at Sandy Ridge Cemetery - Infrastruct	ural Work	s at Man Kam	To Road and	Lin M	a Hang	Road															
ID	WBS	Task Name	Duration	Start Date	Completion				2	2019													
					Date	17	Jun	0.7	J	an	1.5	0.5	Aug	1 15	1	Mai			Oc	t		May	Dec
74	13.4	acceptance of condition survey of graded historic	0 days	Sup 11/11/18	Sup 11/11/19	17	21	3/	4/	5	15	25	35	45	3		13	23	33	43	5	3 10 20 30 40	0 50
1	10.1	buildings and other built heritage	0 uays	Sull 17/17/10	Sull 11/11/10																		
75	13.5	submit condition survey of existing properties under PS	0 days	Sun 21/10/18	Sun 21/10/18			*															
76	13.6	accentance of condition survey of existing properties	0 dave	Sup 11/11/18	Sup 11/11/18																		
77	14	section 1 of the works - Completion of all works	0 udys 070 dave	Thu 31/5/19	Mod 2/2/21						_												
800	1.1	within Parts $\Delta 1$ $\Delta 2$ and B of the Site excent	919 udys	mu 51/5/10	Weu 3/2/21																		
		Establishment works																					
78	14.1	Parts A1	859 davs	Fri 28/9/18	Wed 3/2/21			-															
79	14.1.1	access date for section 1 (Parts A1) - not more than	0 days	Fri 28/9/18	Fri 28/9/18																П		
		120 days after the starting date	o aayo	11120/0710																			
80	14.1.2	form temporary haul road from the south side to	14 days	Tue 2/10/18	Mon 22/10/18			<b>&gt;</b>															
		Parts A1																					
81	14.1.3	general site clearance	30 days	Tue 23/10/18	Wed 28/11/18			1															
82	14.1.4	initial survey	27 days	Thu 29/11/18	Wed 2/1/19				in the second														
83	14.1.5	construction of temporary drainage	21 days	Thu 3/1/19	Sat 26/1/19				1	h													
84	14.1.6	Site Formation works for Cut Slope CS22 (in Parts	258 days	Mon 28/1/19	Mon 23/12/19					)	_	_	_	_									
		A1)																					
85	14.1.6.1	300 stepped channel & catchpits	10 days	Mon 28/1/19	Mon 11/2/19					ě,													
86	14.1.6.2	Phase I	15 days	Tue 12/2/19	Thu 28/2/19					144													
87	14.1.6.2.1	slope excavation work & fill platform for soil nail	3 days	Tue 12/2/19	Thu 14/2/19					SH .													
00		works								Ļ													
88	14.1.6.2.2	install test nail PN02 & pull out test	7 days	Fri 15/2/19	Fri 22/2/19					1													
80	141623	drill install steel here and steel asile	Edous	0-102/0/10	Thu 00/0/40					Ļ													
0.7	14.1.0.2.0	(TRO7_TR17)	5 days	Sal 23/2/19	1110 20/2/19					n													
90	14.1.6.3	Phase II	18 days	Fri 1/3/10	Eri 22/3/10						2												
91	14.1.6.3.1	slope excavation work & fill platform for soil pail	3 days	Fri 1/3/19	Mon 4/3/19						8												
800			o uujo																				
92	14.1.6.3.2	install test nail PN01 & pull out test	6 days	Tue 5/3/19	Mon 11/3/19					1	1												
93	14.1.6.3.3	drill, install steel bars and grout soil nails	8 days	Tue 12/3/19	Thu 21/3/19						η.												
- 04		(TA08-TA29)									4												
94	14.1.0.3.4	raking drains	1 day	Fn 22/3/19	Fri 22/3/19						1												
95	14.1.0.4	IDR Test (including test & wait issue result)	2 days	Mon 25/3/19	Tue 26/3/19						7												
90	14.1.0.0	soil nail nead works	5 days	Wed 27/3/19	Tue 2/4/19						Ţ												
97	14.1.0.0	buumm width concrete maintenance staircase	4 days	Wed 3/4/19	Tue 9/4/19																		
00	14.1.0.7	install instrument for CS22 (Parts AT)	3 days	Wed 10/4/19	FTI 12/4/19	E IE					1												
100	14.1.0.0	placement of erosion control mail hydroseeding	Z days	Thu 11/4/19 Tuo 2/12/10	FII 12/4/19 Map 22/12/10						1			+									
100	14.1.0.0	of RW13 havs 1-5)	To uays	Tue 3/12/19	101011 23/12/19									T									
101	14.1.7	A1) Construction of Retaining Wall RW13 (bays 1 to	192 days	Mon 15/4/19	Thu 12/12/19						-												
		5)	102 0030		1110 12/12/10																		
102	14.1.7.1	excavation with installation of temporary soil nails	56 days	Mon 15/4/19	Tue 25/6/19						-												
		work behind RW13 (bays 1 to 5)	-																				
100																							
103	14.1.7.2	plate load tests	3 days	Wed 26/6/19	Fri 28/6/19							5											
104	14.1.7.3	concrete blinding layers for 5 bays	3 days	Sat 29/6/19	Wed 3/7/19							1											
105	14.1.7.4	formwork for bases of alternative first 3 bays	2 days	Wed 3///19	Thu 4///19							1											
100	14.1.7.0	steel fixing for 3 bases	3 days	Fri 5///19	Mon 8/7/19							1											
107	14.1.7.0	concrete and curing for 3 bases	5 days	Tue 9/7/19	Sat 13/7/19							l l											
100	14.1.7.8	fellowerk and formwork for alternative 3 wells	Jdava	WON 15/7/19	Wed 17/7/19 Map 22/7/10							1											
110	14,1.7.9	steel fixing for 3 walls	- uays 0 dave	Tue 23/7/10	Thu 1/8/10							1											
111	14,1.7.10	close formwork for 3 walls	3 dave	Fri 2/8/10	Mon 5/8/10																		
112	14.1.7.11	concrete and curing for 3 walls	6 days	Mon 5/8/10	Sat 10/8/10																		
113	14.1.7.12	remove formwork	3 dave	Sat 10/8/19	Tue 13/8/10																		
114	14.1.7.13	formwork for bases of alternative second two	2 days	Tue 13/8/19	Wed 14/8/19								•										
12022		bays	_ 20/0																				
115	14.1.7.14	steel fixing for two bases	2 days	Wed 14/8/19	Thu 15/8/19																		
116	14.1.7.15	concrete and curing for two bases	4 days	Fri 16/8/19	Tue 20/8/19								ň										
117	14.1.7.16	remove formwork	2 days	Tue 20/8/19	Wed 21/8/19								5										
118	14.1.7.17	falsework and formwork of alternative second two	3 days	Wed 21/8/19	Fri 23/8/19								4										
110	14 1 7 10	walls	Gudana	F. 00/0/40	Thu 00/0/40								-										
119	14.1.7.16	steel fixing for two walls	6 days	Fn 23/8/19	i nu 29/8/19																		

Sang Hing Civil Contractors Company Limited

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	_	1	Jul		+					Fe	b	-		а.			Sep	)			20	24
	18	3		28		38	1	4	8		6		16		26		3	6	[	46	1	4

Contra	act No. CV/	/2017/02 Columbarium at Sandy Ridge Cemetery - Infrastructi	ural Work	s at Man Kam	To Road and L	Lin Ma Hang Road
ID	WBS	Task Name	Duration	Start Date	Completion	2019
					Date	Jun Jan Aug Mar Oct May Dec Jul Feb Sep
120	141719	aloss formwork for two wells	2 dovo	Thu 20/9/10	E-1 20/9/10	17 27 37 47 5 15 25 35 45 3 13 23 33 43 53 10 20 30 40 50 8 18 28 38 48 6 16 26 36 46 4
120	14.1.7.20	concrete and curing for two walls	2 days 4 days	Sat 31/8/19	Wed 4/9/19	
122	14.1.7.21	remove falsework & formwork	2 days	Wed 4/9/19	Thu 5/9/19	
123	14.1.7.22	after completion of RW13 (bay 1 to 5) , backfilling	66 days	Fri 6/9/19	Mon 2/12/19	
		& compaction behind wall to formation (A1) (Drg				
124	14 1 7 22	GE/1101)	0.1	T 04040	Th.: 40/40/40	
124	14.1.7.23	Install Instrument for RW13 (bay 1 to bay 5) Site Formation works for Fill Slope FS18	9 days	Tue 3/12/19 Mon 15/4/19	Thu 12/12/19 Mon 3/2/20	
126	14.1.8.1	excavate top 3.5m from the existing slope profile	15 days	Mon 15/4/19	Mon 6/5/19	
		(extent to be directed by PM)(Drg.GE/2305)	io adjo			
ter tern						
127	14.1.8.2	prepare formation for filter blanket	2 days	Tue 7/5/19	Wed 8/5/19	
128	14.1.8.3	slope backfill FS18 with 2.1m filter blanket	9 days	Wed 8/5/19	Sat 18/5/19	
129	14.1.8.4	(GE/2007) hackilling from top of filter blanket to formation	126 days	Thu 16/5/19	Mon 21/10/19	
0.000		level (including SRT tests)	120 0033	1110 10/0/10	141011 2 17 10/10	
130	14.1.8.5	construction of 1.5m width maintenance berm	2 days	Fri 18/10/19	Mon 21/10/19	المالية المنابع
101						
131	14.1.8.6	construction of U channel/ stepped channel and	37 days	Fri 18/10/19	Mon 2/12/19	
132	14187	construction of LL channel in front of RW/13	A dave	Tue 3/12/10	Eri 6/12/10	
133	14.1.8.8	600mm width concrete maintenance staircase	11 days	Sat 7/12/19	Thu 19/12/19	
		with handrailing boxing out				
134	14.1.8.9	landscaping (hydroseeding)	27 days	Fri 20/12/19	Thu 23/1/20	
135	14.1.8.10	install instrument for FS18	6 days	Fri 24/1/20	Mon 3/2/20	
130	14.1.9	CS21 - slope cutting	7 days	Fri 20/12/19	Mon 30/12/19	
137	14.1.10	placement of erosion control mat/ hydroseeding	o days 2 days	Tue 31/12/19	Won 6/1/20	
139	14.1.12	minor cutting CS26 (Parts A1) (for Road E)	7 davs	Thu 9/1/20	Thu 16/1/20	
140	14.1.13	Drainage works at Road E	43 days	Fri 17/1/20	Tue 10/3/20	
141	14.1.13.1	main pipe laying	31 days	Fri 17/1/20	Tue 25/2/20	
140	141120	and the state of a state	44.1	N 04/0/00	T 40/0/00	
142	14.1.13.2	guily pipe and pots	14 days	Mon 24/2/20	Tue 10/3/20	
1.42			24 Udy5	weu 11/3/20	100 14/4/20	
144	14.1.15	CS23 - slope cutting & 300U channel	17 days	Wed 11/3/20	Wed 1/4/20	
145	14.1.16	install instrument for CS23	5 days	Thu 2/4/20	Wed 8/4/20	
146	14.1.17	placement of erosion control mat/ hydroseeding	2 days	Thu 9/4/20	Tue 14/4/20	
147	14.1.18	backfilling of pipe trench to formation (including SR1	9 days	Wed 15/4/20	Sat 25/4/20	
148	14.1.19	300U channel behind RW13	4 days	Mon 27/4/20	Sat 2/5/20	
149	14.1.20	300U channel and planter wall at south side of Road	30 days	Mon 4/5/20	Sat 6/6/20	
	l.	E				
150	14.1.21	Roadworks of Road E (A1-ch66-243)	164 days	Mon 8/6/20	Wed 30/12/20	
151	14.1.21.1	ducting for road lighting (RD/2091) & construction	20 days	Mon 8/6/20	Thu 2/7/20	
152	14.1.21.2	kerbing sub-base (include subbase SRT test) &	24 days	Fri 3/7/20	Thu 30/7/20	
		cross road duct (RD/2061, 2081)	- , duys			
153	14.1,21.3	concrete pavement	45 days	Fri 31/7/20	Mon 21/9/20	
154	14.1.21,4	traffic signs, directional signs, type 2 railing,	48 days	Tue 22/9/20	Thu 26/11/20	
155	14 1 21 5	emergency crash gate, beam barriers	27 dava	Eri 27/11/20	Mod 20/12/20	
156	14.1.22	street lighting (Dra/ RD/2091)	27 uays 14 days	Thu 31/12/20	Sat 16/1/21	
157	14.1.23	landscaping (hydroseeding)	5 days	Mon 18/1/21	Fri 22/1/21	
158	14.1.24	landscaping (shrub planting)	10 days	Sat 23/1/21	Wed 3/2/21	
159	14.2	Parts A2	400 days	Tue 31/12/19	Wed 3/2/21	
160	14.2.1	access date for section 1 (Parts A2) - not more than	0 days	Tue 31/12/19	Tue 31/12/19	
161	14.2.2	oou days aller the starting date form temporary haul road to Parts Δ?	6 dave	Thu 2/1/20	Wed 8/1/20	
162	14,2.3	general site clearance	18 davs	Thu 9/1/20	Sat 1/2/20	
163	14.2.4	initial survey	12 days	Mon 3/2/20	Sat 15/2/20	
164	14.2.5	construction of temporary drainage	20 days	Mon 17/2/20	Tue 10/3/20	
165	14.2.6	Site Formation works for Cut Slope CS22 (in Parts	15 days	Wed 11/3/20	Mon 30/3/20	
166	14.2.6.1	slope excavation works	1 day	Wed 11/3/20	Wed 11/3/20	
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Sano F	ing Civil Cor	ntractors Company Limited				Page 4/36
3.						

Cor Dev	tract No. ( elopment	CV/2017/02 of Columbarium at Sandy Ridge Cemetery - Infrastructi	ural Work	s at Man Kam	To Road and	Lin Ma Hang Road
ID	WBS	Task Name	Duration	Start Date	Completion	2019
					Date	Jun         Jan         Aug         Mar         Oct         May         Dec         Jul         Feb         Sep           17         27         37         47         5         15         25         35         45         3         13         23         43         53         10         20         20         40         50         10         20         40         50         10         20         40         50         10         20         40         50         10         20         40         50         10         20         40         50         10         20         40         50         10         20         40         50         10         20         40         50         10         20         40         50         10         20         40         50         10         20         40         50         10         20         40         50         40         50         40         50         40         50         40         50         40         50         40         50         40         50         40         50         40         50         40         50         40         50         40
16	7 14.2.6.2	drill, install steel bars and grout soil nails (TB01-06, TA01-07) & 3nrs, raking drain	4 days	Thu 12/3/20	Mon 16/3/20	11 21 31 41 3 13 23 33 43 3 13 23 33 43 33 10 20 30 40 50 8 18 28 38 48 6 16 26 36 46 4
16	3 14.2.6.3	TDR test allowance	4 days	Tue 17/3/20	Fri 20/3/20	till till till till till till till till
16	) 14.2.6.4	soil nail head works	2 days	Fri 20/3/20	Mon 23/3/20	
17	) 14.2.6.5	install rest of instrument for CS22	2 days	Mon 23/3/20	Tue 24/3/20	$\mathbf{I}$
17	14.2,0,0	300U channel, 300 stepped channel & catchpits with planter walls	/ days	Mon 16/3/20	Tue 24/3/20	
17	2 14.2.6.7	600mm width concrete maintenance staircase with handrailing	2 days	Wed 25/3/20	Thu 26/3/20	
17:	14.2.6.8	placement of erosion control mat/ hydroseeding	2 days	Fri 27/3/20	Mon 30/3/20	
17	1 14.2.7	Construction of Retaining Wall RW13 Bay 6 to Bay 8	107 days	Fri 27/3/20	Mon 10/8/20	
17.	5 14.2.7.1	temporary cutting for retaining wall RW13 Bay 6	2 days	Fri 27/3/20	Mon 30/3/20	
17	5 14.2.7.2	to 8 temporary soil nails works for retaining wall RW13 Bay 6-8	15 days	Mon 30/3/20	Tue 21/4/20	
17	14.2.7.3	plate load tests	3 days	Wed 22/4/20	Fri 24/4/20	
17	14.2.7.4	blinding concrete for bay 6 to 8	2 days	Sat 25/4/20	Mon 27/4/20	
17	) 14.2.7.5	base formwork for bay 6 and 8	2 days	Tue 28/4/20	Wed 29/4/20	$\mathbf{x}_{i}$
18	) 14.2.7.6	base steel fixing for bay 6 and 8	3 days	Sat 2/5/20	Tue 5/5/20	
18	14.2.7.7	base concreting & curing for bay 6 & 8	4 days	Wed 6/5/20	Sat 9/5/20	
18.	14.2.7.8	remove base formwork	2 days	Sat 9/5/20	Mon 11/5/20	
184	14.2.7.9	taisework and formwork for walls day 6&8	4 days 7 days	1 ue 12/5/20 Sat 16/5/20	Ffl 15/5/20 Sat 23/5/20	
18	14.2.7.11	close formwork for walls of bay 6 & 8	2 days	Mon 25/5/20	Tue 26/5/20	
18	14.2.7.12	concreting and curing for walls of bay 6&8	5 days	Wed 27/5/20	Mon 1/6/20	
18	14.2.7.13	remove falsework and formwork for walls	2 days	Mon 1/6/20	Tue 2/6/20	
18	3 14.2.7.14	base formwork for bay 7	2 days	Wed 3/6/20	Thu 4/6/20	「「「「」」「「」」「「」」」「「」」」「「」」」「「」」」」
189	14.2.7.15	base steel fixing for bay 7	2 days	Fri 5/6/20	Sat 6/6/20	
19	14.2.7.16	base concreting & curing for bay 7	2 days	Mon 8/6/20	Tue 9/6/20	
19	14.2.7.17	remove base formwork	1 day	Wed 10/6/20	Wed 10/6/20	$\mathbf{L}$
19	14.2.7.19	steel fixing for walls of bay 7	Zudys 5 davs	Sat 13/6/20	Thu 18/6/20	
194	14.2.7.20	close formwork for walls of bay 7	1 day	Fri 19/6/20	Fri 19/6/20	
19	14.2.7.21	concreting and curing for walls of bay 7	3 days	Sat 20/6/20	Tue 23/6/20	
19	5 14.2.7.22	remove falsework and formwork for walls	1 day	Wed 24/6/20	Wed 24/6/20	$\mathbf{f}$
19	14.2.7.23	after completion of structural RW13 (bay 6 to 8), backfill behind wall to formation (A2) (Drg GE/1101)	36 days	Fri 26/6/20	Fri 7/8/20	
198	14.2.7.24	install instrument for RW13 (bay 6 to bay 8)	2 days	Sat 8/8/20	Mon 10/8/20	
199	14.2.8	(west) drainage works at Road E (ch250 to 300)	16 days	Sat 8/8/20	Wed 26/8/20	
200	) 14.2.9	(west) waterworks at Road E (ch250 to 300)	15 days	Thu 27/8/20	Sat 12/9/20	
20	14.2.10	construction of Irrigation System	5 days	Sat 12/9/20	Thu 17/9/20	
202	14.2.11	U channel for Road E	3 days	Thu 17/9/20	Sat 19/9/20	
20.	14.2.12	Roadworks of Road E (A2-ch243-300)	42 days	Sat 19/9/20	Tue 17/11/20	
20	14.2.12.1	kerbing & sub-base (include sub-base SRT test)	7 days	Sat 19/9/20	Sat 26/9/20	
20	14.2.12.2	aucting for road lighting & water point	4 days	Sat 20/9/20	Wed 30/9/20	
2.0	14.2.12.4	traffic signs, beam barriers	7 dave	Wed 21/10/20	Fri 30/10/20	
20	14.2.12.5	concrete footpath	12 days	Mon 2/11/20	Tue 17/11/20	
20	14.2.13	street lighting for Road E (Drg/ RD/2091)	9 days	Tue 17/11/20	Thu 26/11/20	
210	) 14.2.14	landscaping (shrub planting)	4 days	Fri 27/11/20	Tue 1/12/20	
21	14.2.15	site formation works for Cut Slope CS26 (A2)	24 days	Sat 8/8/20	Fri 4/9/20	
212	14.2.16	site formation works for Cut Slope CS25 (A2)	12 days	Sat 5/9/20	Fri 18/9/20	
21.	14.2.17	placement of erosion control mat/ hydroseeding	2 days	Sat 19/9/20	Mon 21/9/20	
21-	44.0.40	Road B	28 days	Sat 19/9/20	wed 28/10/20	
21:	14.2.19	waterworks at Road B	25 days	Thu 29/10/20	Mon 30/11/20	
21	14.2.20	packilli formation for Koad B street lighting ducts and drawnits at Road R	ວ days 0 days	Tue 1/12/20	Thu 3/12/20	
218	14.2.22	arrange Town Gas to lay cables (NOT YET	5 days	Fri 11/12/20	Wed 16/12/20	
219	14.2.23	planter wall for Road B	5 days	Thu 17/12/20	Tue 22/12/20	
San	g Hing Civil	Contractors Company Limited				Page 5/36 EWP(n6) 2019(1531) stund

Devel	act No. CV opment of	Columbarium at Sandy Ridge Cemetery - Infrastruct	ural Work	s at Man Kam	To Road and L	lang Road	Initial Works Programme (06)
ID	WBS	Task Name	Duration	Start Date	Completion	2019	2024
					Date	Jan Aug Mar Oct Ma	y Dec Jul Feb Sep
220	14.2.24	arrange HKT to lay PCCW cables (NOT YET AGREED)	5 days	Wed 23/12/20	Wed 30/12/20		20 30 40 50 8 18 28 38 48 6 16 26 36 46 4
221	14.2.25	Roadworks of Road B (A2-ch28.5-90)	19 days	Thu 31/12/20	Fri 22/1/21		
222	14.2.25.1	kerbing & sub-base (include sub-base SRT test)	8 days	Thu 31/12/20	Sat 9/1/21		
223	14.2.25.2	DBM (Roadbase)	2 days	Mon 11/1/21	Tue 12/1/21		
224	14.2.25.3	base course and wearing course	2 days	Wed 13/1/21	Thu 14/1/21		
225	14.2.25.4	alrectional sign, roadmarkings & tootpath	/ days	FR 15/1/21 Wod 13/1/21	Ffl 22/1/21 Mon 1/2/21		
227	14.2.27	landscaping (hydroseeding)	3 days	Mon 1/2/21	Wed 3/2/21		
228	14.3	Parts B - refer Appendix MKTR01A & Appendix	979 davs	Thu 31/5/18	Wed 3/2/21		
229	14.3.1	MKTR01B access date for section 1 (Parts B) - the starting date	0 days	Thu 31/5/18	Thu 31/5/18		
230	14.3.2	Initial Survey	104 days	Fri 1/6/18	Thu 4/10/18		
231	14.3.3	utility detection and submit reports	30 days	Fri 5/10/18	Fri 9/11/18		
232	14.3.4	Temporary Traffic Arrangement (TTA) Scheme for Man Kam Road	134 days	Fri 1/6/18	Fri 9/11/18		
235	14 3 4 1	from TD and RMO	54 days	Fri 1/6/18	Sat 4/8/18		
234	14.3.4.3	RMO	to days	NION 0/8/18	Fri 0/11/18		
236	14.3.5	Construction of Fresh Water Mains (DN400)-refer to Drawings No. MKTR Programme/W/001 & 002	352 days	Sat 10/11/18	Fri 17/1/20		
237	14.3.5.1	Phase 1: TTA 1s	52 days	Sat 10/11/18	Sat 12/1/19		
238	14.3.5.1.1	trial run for TTA	7 days	Sat 10/11/18	Sat 17/11/18		
239	14.3.5.1.2	saw cut existing pavement and removal	8 days	Mon 19/11/18	Tue 27/11/18		
240	14.3.5.1.3	trial pits	8 days	Wed 28/11/18	Thu 6/12/18		
241	14.5.5.1.4	trench sneetpiling	/ days	FN //12/18	FN 14/12/18		
242	14.3.5.1.5	excavate trench & shoring	5 days	Sat 15/12/18	Thu 20/12/18		
243 244	14.3.5.1.6 14.3.5.1.7	pipe laying backfill trench & remove sheetpile, rail & strut	6 days 8 days	Fri 21/12/18 Mon 31/12/18	Sat 29/12/18 Wed 9/1/19		
	lui m						
245	14.3.5.1.8	reinstate trench & curing	3 days	Thu 10/1/19	Sat 12/1/19		
240	14.3.5.2	Phase 1: I I A 8s	49 days	Wed 14/11/18	Sat 12/1/19		
248	14.3.5.2.2	saw cut existing pavement and removal	7 uays 4 days	Thu 22/11/18	Mon 26/11/18		
249	14.3.5.2.3	trial pits	4 days	Tue 27/11/18	Fri 30/11/18		
250	14.3.5.2.4	trench sheetpiling	7 days	Sat 1/12/18	Sat 8/12/18		
251	14.3.5.2.5	excavate trench & shoring	5 days	Mon 10/12/18	Fri 14/12/18	र	
252	143530	also factors 0.0 also also to to the	44-4	0-1454040	0-1-00/10/10		
252 253	14.3.5.2.6	pipe laying & 2 sluice valve in chamber backfill trench & remove sheetpile, rail & strut	11 days 8 days	Sat 15/12/18 Mon 31/12/18	Sat 29/12/18 Wed 9/1/19		
254	14.3.5.2.8	reinstate trench & curing	3 davs	Thu 10/1/19	Sat 12/1/19		
255	14.3.5.3	Phase 1: TTA 15s	44 days	Tue 20/11/18	Sat 12/1/19		
256	14.3.5.3.1	trial run for TTA	7 days	Tue 20/11/18	Tue 27/11/18		
257	14.3.5.3.2	saw cut existing pavement and removal	4 days	Wed 28/11/18	Sat 1/12/18		
258	14.3.5.3.3	trial pits	4 days	Mon 3/12/18	Thu 6/12/18		
259	14.3.5.3.5	trench sheetpiling	/ days	Fri //12/18	Fn 14/12/18		
260	14.3.5.3.6	excavate trench à shoning	o uays	Sat 15/12/18	Sat 20/12/18		
262	14.3.5.3.7	backfill trench & remove sheetpile, rail & strut	8 days	Mon 31/12/18	Wed 9/1/19		
263	14.3.5.3.8	reinstate trench & curing	3 days	Thu 10/1/19	Sat 12/1/19		
264	14.3.5.4	Phase 2: TTA 2s	39 days	Tue 15/1/19	Mon 4/3/19		
265	14.3.5.4.1	mobilisation & set up TTA	2 days	Tue 15/1/19	Wed 16/1/19		
200	14.3.5.4.2	saw cut existing pavement and removal	4 days	Tuo 22/1/19	Mon 21/1/19		
268	14.3.5.4.4	trench sheetoilina	4 uays 7 davs	Sat 26/1/19	Sat 2/2/19		
			,.				
Sang H	ling Civil Co	ontractors Company Limited				Page 6/36	IWP(06) 20190531 issued

Contr Deve	act No. Cv lopment of	//2017/02 Columbarium at Sandy Ridge Cemetery - Infrastruct	tural Work	s at Man Kam	To Road and L	in Ma Hang R	load														Init	ial Works Pro	gramme (06)
ID	WBS	Task Name	Duration	Start Date	Completion	Ture		2019							perce.								2024
					Dale	17 27	37	Jan 47 5	15 25	Aug 35 45	Mar 3	13 23 3	Oct 33 43	53	May 10 20	30	Dec 40 50	8 18	Jul	Feb	16 26	Sep 36	16 1
269	14.3.5.4.5	excavate trench & shoring	5 days	Mon 4/2/19	Tue 12/2/19			F					TTT		10 100	50	10 50	0 10	20 50	0 0	10 20		40 4
270	14.3.5.4.6	pipe laying	6 davs	Wed 13/2/19	Tue 19/2/19			5															
271	14.3.5.4.7	backfill trench & remove sheetpile, rail & strut	8 days	Wed 20/2/19	Thu 28/2/19			<b>3</b>															
272	143548	reinstate trench & curing	3 dave	Eri 1/3/10	Mon 1/3/10																		
273	14.3.5.5	Phase 2: TTA 9s	39 days	Tue 15/1/19	Mon 4/3/19																		
274	14.3.5.5.1	mobilisation & set up TTA	2 days	Tue 15/1/19	Wed 16/1/19			*															
275	14.3.5.5.2	saw cut existing pavement and removal	4 days 4 days	Thu 17/1/19 Tuo 22/1/10	Mon 21/1/19 Eri 25/1/10																		
277	14.3.5.5.4	trench sheetpiling	7 days	Sat 26/1/19	Sat 2/2/19			<b>x</b>															
279	143555		<b>5</b> Jan	1040	T . 10/0/10			<b>•</b>															
270	14.0.0.0.0	excavate trench & shoring	5 days	Mon 4/2/19	Tue 12/2/19																		
279	14.3.5.5.6	pipe laying	6 days	Wed 13/2/19	Tue 19/2/19			1															
280	14.3.5.5.7	backfill trench & remove sheetpile, rail & strut	8 days	Wed 20/2/19	Thu 28/2/19			- I - F															
281	14.3.5.5.8	reinstate trench & curing	3 days	Fri 1/3/19	Mon 4/3/19			F															
282	14.3.5.6	Phase 2: TTA 16s	40 days	Mon 14/1/19	Mon 4/3/19			<b>1</b>															
285	14.3.5.6.2	saw cut existing pavement and removal	z days 4 days	Wed 16/1/19 Wed 16/1/19	Sat 19/1/19			1															
285	14.3.5.6.3	trial pits	4 days	Mon 21/1/19	Thu 24/1/19			5															
286	14.3.5.6.4	trench sheetpiling	7 days	Fri 25/1/19	Fri 1/2/19			<b></b>															
287	14.3.5.6.5	excavate trench & shoring	5 days	Sat 2/2/19	Mon 11/2/19			3															
288	143566	nino loving	Galaxia	Tue 10/0/10	Man 10/0/10			+															
289	14.3.5.6.7	backfill trench & remove sheetpile, rail & strut	9 days	Tue 12/2/19 Tue 19/2/19	Thu 28/2/19																		
200	142560							1															
290	14.3.5.6.8	reinstate trench & curing Phase 3: TTA3s	3 days 39 days	Fri 1/3/19 Tue 5/3/19	Mon 4/3/19 Tue 23/4/19			6															
292	14.3.5.7.1	mobilisation & set up TTA	2 days	Tue 5/3/19	Wed 6/3/19			-															
293	14.3.5.7.2	saw cut existing pavement and removal	4 days	Thu 7/3/19	Mon 11/3/19			5															
294	14.3.5.7.3	trial pits trench sheetniling	4 days 7 days	Tue 12/3/19 Sat 16/3/19	Fri 15/3/19 Sat 23/3/10			1 P															
			, aayo	Gut Toron To	00120/0/10																		
296	14.3.5.7.5	excavate trench & shoring	5 days	Mon 25/3/19	Fri 29/3/19			1															
297	14.3.5.7.6	pipe laying	6 days	Sat 30/3/19	Sat 6/4/19			1															
298	14.3.5.7.7	backfill trench & remove sheetpile, rail & strut	8 days	Mon 8/4/19	Tue 16/4/19																		
299	14.3.5.7.8	reinstate trench & curing	3 days	Wed 17/4/19	Tue 23/4/19																		
300	14.3.5.8	Phase 3: TTA10s	39 days	Tue 5/3/19	Tue 23/4/19																		
301	14.3.5.8.1	mobilisation & set up TTA	2 days	Tue 5/3/19	Wed 6/3/19			*															
303	14.3.5.8.3	trial nits	4 days 4 days	Tue 12/3/19	Mon 11/3/19 Fri 15/3/19			7															
304	14.3.5.8.4	trench sheetpiling	7 days	Sat 16/3/19	Sat 23/3/19			1															
305	143585	excavate trench & choring	5 dovo	Mon 25/2/10	Eri 20/2/10			Ļ															
- withdad	1110.0.0.0	excavate trench a shoring	5 days	MOIT 25/5/19	FII 29/3/19			1															
306	14.3.5.8.6	pipe laying	6 days	Sat 30/3/19	Sat 6/4/19			T S															
307	14.3.3.8.7	backfill trench & remove sheetpile, rail & strut	8 days	Mon 8/4/19	lue 16/4/19																		
308	14.3.5.8.8	reinstate trench & curing	3 days	Wed 17/4/19	Tue 23/4/19			1															
309	14.3.5.9	Phase 3: TTA17s	39 days	Tue 5/3/19	Tue 23/4/19			)															
311	14.3.5.9.1	saw cut existing payement and removal	2 days 4 days	Tue 5/3/19 Thu 7/3/19	Wed 6/3/19 Mon 11/3/19																		
312	14.3.5.9.3	trial pits	4 days	Tue 12/3/19	Fri 15/3/19			5															
313	14.3.5.9.4	trench sheetpiling	7 days	Sat 16/3/19	Sat 23/3/19			l 🖣															
314	14.3.5.9.5	excavate trench & shoring	5 days	Mon 25/3/19	Fri 29/3/19			The second secon															
215	140500																						
315	14.3.5.9.6	pipe laying backfill trench & remove sheetnile, rail & start	6 days 8 days	Sat 30/3/19 Mon 8/4/19	Sat 6/4/19																		
- 150			o uuyo	17																			
317	14.3.5.9.8	reinstate trench & curing	3 days	Wed 17/4/19	Tue 23/4/19																		
Sang H	ling Civil Co	ntractors Company Limited							Pa	ige 7/36												IWP(06) 20	0190531 issued

Cont	ract No. C lopment o	V/2017/02 If Columbarium at Sandy Ridge Cemetery - Infrastruc	tural Work	s at Man Kam	To Road and	d Lin Ma Hang Road	
ID	WBS	Task Name	Duration	Start Date	Completion	2010	
110	11.00		Duration	Juit Date	Date	Jun Jan Aug Mar Oct May	Dag
						17 27 37 47 5 15 25 35 45 3 13 23 33 43 53 10 20 30 40	Dec
318	14.3.5.10	Phase 4: TTA4s	38 days	Mon 29/4/19	Fri 14/6/19		1 5
319	14.3.5.10.1	mobilisation & set up TTA	2 days	Mon 29/4/19	Tue 30/4/19	θ	
320	14.3.5.10.2	saw cut existing pavement and removal	4 days	Thu 2/5/19	Mon 6/5/19		
321	14.3.5.10.3	trial pits	4 days	Tue 7/5/19	Fri 10/5/19		
322	14.3.5.10.4	trench sheetpiling	7 days	Sat 11/5/19	Mon 20/5/19	9	
			,				
323	14.3.5.10.5	excavate trench & shoring	5 days	Tue 21/5/19	Sat 25/5/19		
204	1425106	and the first second	<b>F</b> 1	N 07/5/40	E . 0.4/5/40		
324	14.3.5.10.0	pipe laying	5 days	Mon 27/5/19	Fn 31/5/19		
323	14.3.3.10.7	backfill trench & remove sneetpile, rall & strut	8 days	Sat 1/6/19	Tue 11/6/19		
306	1435108	reinstate transh 8 euring	0 devie	Mad 40/0/40	E-14/0/40		
307	14.3.5.11	Phase 4 TTA11e	3 days	Weu 12/0/19	FII 14/0/19		
327	14.2.5.11.1	Phase 4: ITATIS	38 days	Won 29/4/19	Fri 14/6/19		
220	14 2 5 11 2	mobilisation & set up TTA	2 days	Mon 29/4/19	Tue 30/4/19		
220	44.3.3.11.2	saw cut existing pavement and removal	4 days	Thu 2/5/19	Mon 6/5/19		
330	14.3.5.11.3	trial pits	4 days	Tue 7/5/19	Fri 10/5/19		
331	14.3.5.11.4	trench sheetpiling	7 days	Sat 11/5/19	Mon 20/5/19	)	
220	44.0.5.44.5						
352	14.3.5.11.5	excavate trench & shoring	5 days	Tue 21/5/19	Sat 25/5/19		
200	405440		<b>-</b> ·				
333	14.3.5.11.6	pipe laying	5 days	Mon 27/5/19	Fri 31/5/19		
334	14.3.5.11.7	backfill trench & remove sheetpile, rail & strut	8 days	Sat 1/6/19	Tue 11/6/19		
-							
335	14.3.5.11.8	reinstate trench & curing	3 days	Wed 12/6/19	Fri 14/6/19		
336	14.3.5.12	Phase 4: TTA18s	42 days	Wed 24/4/19	Fri 14/6/19		
337	14.3.5.12.1	mobilisation & set up TTA	2 days	Wed 24/4/19	Thu 25/4/19		
338	14.3.5.12.2	saw cut existing pavement and removal	4 days	Fri 26/4/19	Tue 30/4/19		
339	14.3.5.12.3	trial pits	4 days	Thu 2/5/19	Mon 6/5/19		
340	14.3.5.12.4	trench sheetpiling	7 days	Tue 7/5/19	Wed 15/5/19		
341	14.3.5.12.5	excavate trench & shoring	7 days	Thu 16/5/19	Thu 23/5/19		
0.10	1000000						
342	14.3.5.12.6	pipe laying	5 days	Fri 24/5/19	Wed 29/5/19		
343	14.3.5.12.7	backfill trench & remove sheetpile, rail & strut	10 days	Thu 30/5/19	Tue 11/6/19		
344	14.3.5.12.8	reinstate trench & curing	3 days	Wed 12/6/19	Fri 14/6/19		
345	14.3.5.13	Phase 5: TTA5s	42 days	Wed 19/6/19	Wed 7/8/19		
346	14.3.5.13.1	mobilisation & set up TTA	2 days	Wed 19/6/19	Thu 20/6/19		
347	14.3.5.13.2	saw cut existing pavement and removal	4 days	Fri 21/6/19	Tue 25/6/19		
348	14.3.5.13.3	trial pits	4 days	Wed 26/6/19	Sat 29/6/19		
349	14.3.5.13.4	trench sheetpiling	7 days	Tue 2/7/19	Tue 9/7/19		
0.50							
350	14.3.5,13.5	excavate trench & shoring	7 days	Wed 10/7/19	Wed 17/7/19		
351	14.3.5.13.6	pipe laying	5 days	Thu 18/7/19	Tue 23/7/19		
352	14.3.5.13.7	backfill trench & remove sheetpile, rail & strut	10 days	Wed 24/7/19	Sat 3/8/19		
0.64	44.0.5.40.5		<i>.</i> .				
303	14,3,5,13,8	reinstate trench & curing	3 days	Mon 5/8/19	Wed 7/8/19		
354	14.3.5.14	Phase 5: TTA12s	45 days	Sat 15/6/19	Wed 7/8/19		
355	14.3.5.14.1	mobilisation & set up TTA	2 days	Sat 15/6/19	Mon 17/6/19		
356	14.3.5.14.2	saw cut existing pavement and removal	4 days	Tue 18/6/19	Fri 21/6/19		
357	14,3.5,14.3	trial pits	4 days	Sat 22/6/19	Wed 26/6/19		
358	14.3.5.14.4	trench sheetpiling	7 days	Thu 27/6/19	Fri 5/7/19		
359	14.3.5.14.5	excavate trench & shoring	7 days	Sat 6/7/19	Sat 13/7/19		
	1						
360	14.3.5.14.6	pipe laying & a washout pump pit	8 days	Mon 15/7/19	Tue 23/7/19		
361	14.3.5.14.7	backfill trench & remove sheetpile, rail & strut	10 days	Wed 24/7/19	Sat 3/8/19		
362	14.3.5.14.8	reinstate trench & curing	3 days	Mon 5/8/19	Wed 7/8/19		
363	14.3.5.15	Phase 5: TTA19s	45 days	Sat 15/6/19	Wed 7/8/19		
364	14.3.5.15.1	mobilisation & set up TTA	2 days	Sat 15/6/19	Mon 17/6/19		
365	14.3.5.15.2	saw cut existing pavement and removal	4 days	Tue 18/6/19	Fri 21/6/19		
366	14.3.5.15.3	trial pits	4 days	Sat 22/6/19	Wed 26/6/19		
367	14.3.5.15.4	trench sheetpiling	7 days	Thu 27/6/19	Fri 5/7/19		

Sang Hing Civil Contractors Company Limited

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Contr	act No.	CV/	2017	7/02

Deve	lopment o	f Columbarium at Sandy Ridge Cemetery - Infrastruct	tural Works	s at Man Kam	To Road and	Initial Works Programme (06)
ID	WBS	Task Name	Duration	Start Date	Completion	2019
					Date	Jun Jan Aug Mar Oct May Dec Jul Feb Sep
368	1435155	avaquato tranch & charing	7 dava	Set 6/7/10	Set 12/7/10	<u>17 27 37 47 5 15 25 35 45 3 13 23 33 43 53 10 20 30 40 50 8 18 28 38 48 6 16 26 36 46 4</u>
		creavale trench & shoring	r uays	0at 0///19	Sat 15/1/18	
369	14.3.5.15.6	pipe laying & double air valve in chamber	8 days	Mon 15/7/19	Tue 23/7/19	
370	14.3.5.15.7	backfill trench & remove sheetpile, rail & strut	10 days	Wed 24/7/19	Sat 3/8/19	
371	14.3.5.15.8	reinstate trench & curing	3 days	Mon 5/8/19	Wed 7/8/19	
372	14.3.5.16	Phase 6: 11A6s	46 days	Fri 9/8/19	Thu 3/10/19	
374	14.3.5.16.2	mobilisation & set up TTA	Z days	FI 9/8/19 Mon 12/8/10	Sat 10/8/19 Thu 15/8/10	
375	14.3.5.16.3	trial nits	4 days 4 days	Fri 16/8/19	Tue 20/8/19	
376	14.3.5.16.4	trench sheetpiling	7 days	Wed 21/8/19	Wed 28/8/19	
			,.			
377	14.3.5.16.5	excavate trench & shoring	8 days	Thu 29/8/19	Fri 6/9/19	
2710	44.0.5.40.0			0		
370	14.3.5.16.0	pipe laying & a washout pump pit	6 days	Sat 7/9/19	Fri 13/9/19	
519	14-330-10.7	backini trench & remove sneetpile, rail & strut	12 days	Mon 10/9/19	Sat 28/9/19	
380	14.3.5.16.8	reinstate trench & curing	3 davs	Mon 30/9/19	Thu 3/10/19	t i i i i i i i i i i i i i i i i i i i
381	14.3.5.17	Phase 6: TTA13s	42 days	Wed 14/8/19	Thu 3/10/19	
382	14.3.5.17.1	mobilisation & set up TTA	2 days	Wed 14/8/19	Thu 15/8/19	A CONTRACTOR OF
383	14.3.5.17.2	saw cut existing pavement and removal	4 days	Fri 16/8/19	Tue 20/8/19	
384	14.3.5.17.3	trial pits	4 days	Wed 21/8/19	Sat 24/8/19	
585	14.3.5.17.4	trench sheetpiling	7 days	Mon 26/8/19	Mon 2/9/19	
386	1435175	overvato tranch & charing	7 dava	Tuo 2/0/10	Tuo 10/0/10	
500	14.0.0.11.0	excavate tiench & shoring	7 udys	106 219/19	106 10/9/19	
387	14.3.5.17.6	pipe laying	5 days	Wed 11/9/19	Tue 17/9/19	
388	14.3.5.17.7	backfill trench & remove sheetpile, rail & strut	10 days	Wed 18/9/19	Sat 28/9/19	
389	14.3.5.17.8	reinstate trench & curing	3 days	Mon 30/9/19	Thu 3/10/19	
390	14.3.5.18	Phase 6: TTA20s	47 days	Thu 8/8/19	Thu 3/10/19	
302	14.3.5.10.1	mobilisation & set up 11A	2 days	1 hu 8/8/19	Fri 9/8/19	
303	14.3.5.18.3	saw cut existing pavement and removal	4 days	58[ 10/6/19 Thu 15/8/10	Weg 14/8/19	
394	14.3.5.18.4	trench sheetniling	4 uays 7 davs	Tue 20/8/19	Tue 27/8/19	
3.610		denon encorphing	/ dujo	100 20/0/10		
395	14.3.5.18.5	excavate trench & shoring	6 days	Wed 28/8/19	Tue 3/9/19	- 「「「」「」「」「」「」「」「」「」「」「」「」「」「」「」「」「」「」「」
1000						
396	14.3.5.18.6	pipe laying & 2 sluice valve in chamber	11 days	Wed 4/9/19	Tue 17/9/19	
397	14.3.3.16.7	backfill trench & remove sheetpile, rail & strut	10 days	Wed 18/9/19	Sat 28/9/19	
398	14.3.5.18.8	reinstate trench & curing	3 days	Mon 30/9/19	Thu 3/10/19	
399	14.3.5.19	Phase 7: TTA7s	44 davs	Tue 8/10/19	Wed 27/11/19	
400	14.3.5.19.1	mobilisation & set up TTA	2 days	Tue 8/10/19	Wed 9/10/19	
401	14.3.5.19.2	saw cut existing pavement and removal	4 days	Thu 10/10/19	Mon 14/10/19	
402	14.3.5.19.3	trial pits	4 days	Tue 15/10/19	Fri 18/10/19	
403	14.3.5.19.4	trench sheetpiling	7 days	Sat 19/10/19	Sat 26/10/19	
404	1435105	overwate transh & sharing	6 days	Mon 20/40/40	Cot 0/44/40	
-104	19.0.19.0	excavate dentri & shuning	odays	1011 20/10/19	Sat 2/11/19	
405	14.3.5.19.6	pipe laying & double air valve in chamber	8 days	Mon 4/11/19	Tue 12/11/19	
406	14.3.5.19.7	backfill trench & remove sheetpile, rail & strut	10 days	Wed 13/11/19	Sat 23/11/19	
407	14.3.5.19.8	reinstate trench & curing	3 days	Mon 25/11/19	Wed 27/11/19	$\mathbf{F}$
408	14.3.5.20	Phase 7: TTA14s	46 days	Fri 4/10/19	Wed 27/11/19	
409	14.3.5.20.1	mobilisation & set up 11A	2 days	Fri 4/10/19	Sat 5/10/19	
411	14.3.5.20.2	saw out existing pavement and removal trial nits	4 days	rue 6/10/19 Sat 12/10/10	PTETT/10/19	
412	14.3.5.20.4	trench sheetpiling	7 davs	Thu 17/10/19	Thu 24/10/19	
			. 30,0			
413	14.3.5.20.5	excavate trench & shoring	7 days	Fri 25/10/19	Fri 1/11/19	
414	14.3.5.20.6	pipe laying & double air valve in chamber	8 days	Sat 2/11/19	Mon 11/11/19	
415	14.3.5.20.7	backfill trench & remove sheetpile, rail & strut	11 days	Tue 12/11/19	Sat 23/11/19	
416	14.3.5.20.8	reinstate trench & curing	3 dave	Mon 25/11/10	Wed 27/11/10	
			0 00/0			
Sang	Hing Civil C	ontractors Company Limited				Page 9/36 IWP(06) 20190531 issued

Cont Deve	ract No. CV lopment of	//2017/02 Columbarium at Sandy Ridge Cemetery - Infrastruc	tural Work	s at Man Kam	To Road and I	_in Ma	Hang Ro	ad																				Initial Wor	ks Program	ıme (06)
ID	WBS	Task Name	Duration	Start Date	Completion				2019																				2	2024
					Date	17	n 27	37 4	Jan 7 5	15	25	Aug 35	45	Mar 3 1	3 23	33 Oc	21 43	53	May 20	30	Dec 40		10	Jul	20	Feb	16	Ser		
417	14.3.5.21	Phase 7: additional TTA21s	29 days	Thu 24/10/19	Wed 27/11/19							-	-			55			10 20	50	40 50	) 0	10	20	30	+8 0	10	20 3	0 40	4
418	14.3 5.21 1	latest access date for additional works area	0 days	Thu 24/10/19	Thu 24/10/19							<b>\$</b>																		
419	14.3.5.21.2	mobilisation & set up TTA	2 davs	Fri 25/10/19	Sat 26/10/19							b																		
420	14.3.5.21.3	saw cut existing pavement and removal	4 days	Mon 28/10/19	Thu 31/10/19							- F																		
421	14.3.5.21.4	trial pits	4 days	Fri 1/11/19	Tue 5/11/19							1																		
422	14.3.5.21.5	trench sheetpiling	3 days	Wed 6/11/19	Fri 8/11/19							F																		
423	14.3.5.21.6	excavate trench & shoring	2 days	Sat 9/11/19	Mon 11/11/19							1																		
424	14.3.5.21.7	pipe laving & 2 sluice valve in chamber	8 davs	Tue 12/11/19	Wed 20/11/19																									
425	14.3.5.21.8	backfill trench & remove sheetpile, rail & strut	3 days	Thu 21/11/19	Sat 23/11/19								7																	
426	14.3.5.21.9	reinstate trench & curing	3 davs	Mon 25/11/19	Wed 27/11/19																									
427	14.3.5.22	additional Phase 8: additional TTA 0s	41 days	Wed 27/11/19	Fri 17/1/20																									
428	14.3.5.22.1	latest access date for additional works area	0 days	Wed 27/11/19	Wed 27/11/19								•																	
429	14.3.5.22.2	mobilisation & set up TTA	2 days	Thu 28/11/19	Fri 29/11/19								*																	s 1
430	14.3.5.22.3	saw cut existing pavement and removal	4 days	Sat 30/11/19	Wed 4/12/19								ř.																	
431	14.3.5.22.4	trial pits	4 days	Thu 5/12/19	Mon 9/12/19								Š.																	
432	14.3.3.22.5	trench sneetpiling	7 days	Tue 10/12/19	Tue 17/12/19								1																	
433	14.3.5.22.6	excavate trench & shoring	5 days	Wed 18/12/19	Mon 23/12/19								Ŧ																	
434	14.3.5.22.7	pipe laying & sluice valve in chamber	8 days	Tue 24/12/19	Sat 4/1/20																									
435	14.3.5.22.8	backfill trench & remove sheetpile, rail & strut	8 days	Mon 6/1/20	Tue 14/1/20								×.																	
436	14.3.5.22.9	reinstate trench & curing	3 davs	Wed 15/1/20	Fri 17/1/20																									
437	14.3.6	Construction of Sewerage (DN630) - refer to	311 days	Sat 18/1/20	Wed 3/2/21																									
438	14.3.6.1	Drawing No. MKTR Programme/DR/001 Phase A: TTA 1n	50 days	Tue 21/1/20	Sat 21/3/20																									
439	14.3.6.1.1	mobilisation & set up TTA	2 days	Tue 21/1/20	Wed 22/1/20								-																	
440	14.3.6.1.2	saw cut existing pavement and removal	4 days	Thu 23/1/20	Thu 30/1/20								6																	
441	14.3.6.1.3	trial pits	4 days	Fri 31/1/20	Tue 4/2/20																									
44Z	14.3.0.1.4	trench sheetpiling	/ days	Wed 5/2/20	Wed 12/2/20																									
443	14.3.6.1.5	excavate trench & shoring	7 days	Thu 13/2/20	Thu 20/2/20									<b>r</b>																
444	14.3.6.1.6	pipe laying & construct manhole	9 days	Fri 21/2/20	Mon 2/3/20									5																
445	14.3.6.1.7	backfill trench & remove sheetpile, rail & strut	14 days	Tue 3/3/20	Wed 18/3/20									-																
446	14.3.6.1.8	reinstate trench & curing	3 days	Thu 19/3/20	Sat 21/3/20									r.																
447	14.3.6.2	Phase A: TTA 7n	52 days	Sat 18/1/20	Sat 21/3/20									-																
448	14.3.6.2.1	mobilisation & set up TTA	2 days	Sat 18/1/20	Mon 20/1/20								÷.																	
449	14.3.6.2.3	saw cut existing pavement and removal	4 days 4 days	Tue 21/1/20	Fri 24/1/20 Sat 1/2/20																									
451	14.3.6.2.4	trench sheetpiling	7 days	Mon 3/2/20	Mon 10/2/20																									
452	143625	avecuate tranch & sharing	0 days	Tuo 11/2/20	Thu 20/2/20																									
State	14.0.0.2.0	excavate tienen a shoning	a uays	100 11/2/20	1110 20/2/20																									
453	14.3.6.2.6	pipe laying & construct manhole	9 days	Fri 21/2/20	Mon 2/3/20									5																
454	14.3.6.2.7	backfill trench & remove sheetpile, rail & strut	14 days	Tue 3/3/20	Wed 18/3/20																									
455	14.3.6.2.8	reinstate trench & curing	3 days	Thu 19/3/20	Sat 21/3/20									F																
456	14.3.6.3	Phase B: TTA 2n	52 days	Mon 23/3/20	Thu 28/5/20									-	-															
457	14.3.6.3.1	mobilisation & set up TTA	2 days	Mon 23/3/20	Tue 24/3/20									r.																
459	14.3.6.3.3	saw cut existing pavement and removal trial nits	4 days 4 days	Wea 25/3/20 Mon 30/3/20	Sat 28/3/20 Thu 2/4/20									1																
460	14.3.6.3.4	trench sheetpiling	7 days	Fri 3/4/20	Wed 15/4/20									1																
461	14.3.6.3.5	excavate trench & shoring	9 days	Thu 16/4/20	Sat 25/4/20									T																
		°																												
462	14.3.6.3.6	pipe laying & construct manhole backfill trench & remove sheetnile, rail & strut	9 days 14 days	Mon 27/4/20 Sat 9/5/20	Fri 8/5/20 Mon 25/5/20										1															
185		basinin action a remove sheetpile, rai a strut	i + udys		WOT ZU/U/ZU																									
464	14.3.6.3.8	reinstate trench & curing	3 days	Tue 26/5/20	Thu 28/5/20										5															
Sang	Hing Civil Co	ontractors Company Limited									Pag	ge 10/36														_		IV	P(06) 2019053	31issued

Contr Deve	act No. C	V/2017/02 of Columbarium at Sandy Ridge Cemetery - Infrastruc	tural Work	s at Man Kam	To Road and	d and Lin Ma Hang Road
ID	WBS	Task Name	Duration	Start Date	Completion	etion 2019
3571.	in comes	0.000070			Date	le Jun Jan Aug Mar Oct May
165	14364	Dhasa B: TTA 9n	52 dave	Mon 22/2/20	Thu 29/5/20	17 27 37 47 5 15 25 35 45 3 13 23 33 43 53 10 20 30 40
405	14.3.6.4.1	mabilization & set up TTA	2 days	Mon 23/3/20	Tuo 24/3/20	
467	14.3.6.4.2	saw cut existing payement and removal	2 days 4 days	Mpd 25/3/20	Sat 28/3/20	13/20
468	14.3.6.4.3	trial nits	4 days	Mon 30/3/20	Thu 2/4/20	14/20
469	14.3.6.4.4	trench sheetpiling	7 davs	Fri 3/4/20	Wed 15/4/20	5/4/20
		5	,			
470	14.3.6.4.5	excavate trench & shoring	9 days	Thu 16/4/20	Sat 25/4/20	/4/20
471	142646		0 dava	Man 07/4/00		E/00
4/1	14 3 6 4 7	pipe laying & construct mannole	9 days	Mon 27/4/20	Ffi 8/5/20	
472	14.5.0.4.7	backnill trench & remove sneetpile, rail & strut	14 days	Sat 9/5/20	101011 20/0/20	ijoizo
473	14.3.6.4.8	reinstate trench & curing	3 days	Tue 26/5/20	Thu 28/5/20	//5/20
474	14.3.6.5	Phase C: TTA 3n	52 days	Fri 29/5/20	Thu 30/7/20	J7/20
475	14.3.6.5.1	mobilisation & set up TTA	2 days	Fri 29/5/20	Sat 30/5/20	/5/20
476	14.3.6.5.2	saw cut existing pavement and removal	4 days	Mon 1/6/20	Thu 4/6/20	6/20
477	14.3.6.5.3	trial pits	4 days	Fri 5/6/20	Tue 9/6/20	6/20
478	14.3.6.5.4	trench sheetpiling	7 days	Wed 10/6/20	Wed 17/6/20	'/6/20
470	143655	avaguato teasch & sharin-	0 deve	Thu 10/6/00	Man 20/6/00	λ/6/20
479	14.3.0.5,5	excavate trench & shoring	a gays	mu 18/6/20	WOR 29/6/20	
480	14.3.6.5.6	pipe laving & construct manhole	9 davs	Tue 30/6/20	Fri 10/7/20	77/20
481	14.3.6.5.7	backfill trench & remove sheetoile, rail & strut	14 davs	Sat 11/7/20	Mon 27/7/20	17/20
482	14.3.6.5.8	reinstate trench & curing	3 days	Tue 28/7/20	Thu 30/7/20	i7/20 🕇
483	14,3.6.6	Phase C: TTA 9n	52 days	Fri 29/5/20	Thu 30/7/20	i/7/20
484	14.3.6.6.1	mobilisation & set up TTA	2 days	Fri 29/5/20	Sat 30/5/20	/5/20
485	14.3.6.6.2	saw cut existing pavement and removal	4 days	Mon 1/6/20	Thu 4/6/20	6/20
486	14.3.6.6.3	trial pits	4 days	Fri 5/6/20	Tue 9/6/20	6/20
487	14.3.0.0.4	trench sheetpiling	/ days	Wed 10/6/20	Wed 17/6/20	76/20
488	14.3.6.6.5	excavate trench & shoring	9 days	Thu 18/6/20	Mon 29/6/20	₩6/20 <b>¥</b>
489	14.3.6.6.6	pipe laying & construct manhole	9 days	Tue 30/6/20	Fri 10/7/20	7/20
490	14.3.6.6.7	backfill trench & remove sheetpile, rail & strut	14 days	Sat 11/7/20	Mon 27/7/20	1//20
491	14.3.6.6.8	rainstate trench & curing	3 dave	Tue 28/7/20	Thu 30/7/20	
492	14.3.6.7	Phase D: TTA 4n	52 davs	Fri 31/7/20	Tue 29/9/20	
493	14.3.6.7.1	mobilisation & set up TTA	2 days	Fri 31/7/20	Sat 1/8/20	8/20
494	14.3.6.7.2	saw cut existing pavement and removal	4 days	Mon 3/8/20	Thu 6/8/20	8/20
495	14.3.6.7.3	trial pits	4 days	Fri 7/8/20	Tue 11/8/20	/8/20
496	14.3.6.7.4	trench sheetpiling	7 days	Wed 12/8/20	Wed 19/8/20	//8/20
407	142675		0 4	Thu 00/0/00	0-1-00/0/00	10100
497	14.3.0.7.5	excavate trench & shoring	9 days	Thu 20/8/20	Sat 29/8/20	8/20
498	14.3.6.7.6	pipe laving & construct manhole	9 davs	Mon 31/8/20	Wed 9/9/20	/9/20
499	14.3.6.7.7	backfill trench & remove sheetpile, rail & strut	14 days	Thu 10/9/20	Fri 25/9/20	9/20
		······································	-,-			
500	14.3.6.7.8	reinstate trench & curing	3 days	Sat 26/9/20	Tue 29/9/20	/9/20
501	14.3.6.8	Phase D: TTA 10n	52 days	Fri 31/7/20	Tue 29/9/20	/9/20
502	14.3.6.8.1	mobilisation & set up TTA	2 days	Fri 31/7/20	Sat 1/8/20	3/20
503	14.3.6.8.2	saw cut existing pavement and removal	4 days	Mon 3/8/20	Thu 6/8/20	5/20
504	14.3.0.8.3	trial pits trench sheetniling	4 days	FTI / 10/20	10/2/20	
505	17.0.0.0 M	uenon sneetpilling	r udys	WEU 12/0/20	WEU 19/0/20	
506	14.3.6.8.5	excavate trench & shoring	9 days	Thu 20/8/20	Sat 29/8/20	/8/20
507	112606		0 4 4 5 5	Mar 04/0/00		
508	14.3.6.8.7	pipe laying & construct manhole backfill trench & remove spectrile, rail & strut	ਤ days 14 days	WON 31/8/20 Thu 10/0/20	vvea 9/9/20 Fri 25/0/20	9/20
2500		baokini aonon a remove sneethic, rai a suut	14 uayo	110/0/20	1112010/20	
509	14.3.6.8.8	reinstate trench & curing	3 days	Sat 26/9/20	Tue 29/9/20	/9/20
510	14.3.6.9	Phase E: TTA 5n	52 days	Wed 30/9/20	Wed 2/12/20	
511	14.3.6.9.1	mobilisation & set up TTA	2 days	Wed 30/9/20	Sat 3/10/20	0/20
512	14.3.6.9.2	saw cut existing pavement and removal	4 days	Mon 5/10/20	Thu 8/10/20	
514	14.3.6.9.3	trial pits	4 days	Fri 9/10/20	Tue 13/10/20	
514	14.3.0.9.4	trench sneetpiling	/ days	vveu 14/10/20	wed 21/10/20	

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1	8	18	Jul	38	18	Feb		16 '	26	Sep 26	46	1
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De	velopment c	of Columbarium at Sandy Ridge Cemetery - Infrastru	ctural Work	ks at Man Kam	To Road and	Lin Ma	a Hang	Road														
ID	WBS	Task Name	Duration	Start Date	Completion				201	19												
					Date	J	un		Jan				Aug		Mar		Oc	t		May		Dec
<b>51</b>	5 440005					17	27	37	47	5	15	25	35	45	3 13	23	33	43	53	10 20	0 30	40 50
10	5 14.3.0.9.5	excavate trench & shoring	9 days	Thu 22/10/20	Mon 2/11/20																	
61	( 440000		•	-														111				
51	6 143696	pipe laying & construct manhole	9 days	Tue 3/11/20	Thu 12/11/20													1				
21	/ 14.3.6.9.7	backfill trench & remove sheetpile, rail & strut	14 days	Fri 13/11/20	Sat 28/11/20													۵.				
51	8 14.3.6.9.8	reinstate trench & curing	3 days	Mon 30/11/20	Wed 2/12/20													6				
51	9 14.3.6.10	Phase E: TTA 11n	52 days	Wed 30/9/20	Wed 2/12/20												-					
52	0 14.3.6.10.1	mobilisation & set up TTA	2 days	Wed 30/9/20	Sat 3/10/20												-					
52	1 14.3.6.10.2	saw cut existing pavement and removal	4 days	Mon 5/10/20	Thu 8/10/20												F.					
52	2 14.3.6.10.3	trial pits	4 days	Fri 9/10/20	Tue 13/10/20												h					
52	3 14.3.6.10.4	trench sheetpiling	7 days	Wed 14/10/20	Wed 21/10/20												1					
52	4 14.3.6.10.5	excavate trench & shoring	9 days	Thu 22/10/20	Mon 2/11/20												Ĭ					
52	5 14.3.6.10.6	pipe laying & construct manhole	9 days	Tue 3/11/20	Thu 12/11/20												1	6				
52	6 14.3.6.10.7	backfill trench & remove sheetpile, rail & strut	14 days	Fri 13/11/20	Sat 28/11/20													×.				
52	7 14.3.6.10.8	reinstate trench & curing	3 days	Mon 30/11/20	Wed 2/12/20													ŧ.				
52	8 14.3.6.11	Phase F: TTA 6n	51 days	Thu 3/12/20	Wed 3/2/21													-	and the second			
52	9 14.3.6.11.1	mobilisation & set up TTA	2 days	Thu 3/12/20	Fri 4/12/20													4				
53	0 14.3.6.11.2	saw cut existing pavement and removal	4 days	Sat 5/12/20	Wed 9/12/20																	
53	1 14.3.6.11.3	trial pits	4 davs	Thu 10/12/20	Mon 14/12/20													1				
53	2 14.3.6.11.4	trench sheetpiling	7 davs	Tue 15/12/20	Tue 22/12/20																	
		1 5																1111				
53	3 14.3.6.11.5	excavate trench & shoring	8 days	Wed 23/12/20	Mon 4/1/21																	
		Ū	,																			
53	4 14.3.6.11.6	pipe laving & construct manhole	9 davs	Tue 5/1/21	Thu 14/1/21																	
53	5 14.3.6.11.7	backfill trench & remove sheetpile, rail & strut	14 davs	Fri 15/1/21	Sat 30/1/21																	
			,																T			
53	6 14.3.6.11.8	reinstate trench & curing	3 days	Mon 1/2/21	Wed 3/2/21														1			
53	7 14.3.6.12	Phase F: additional TTA 12s	38 days	Fri 18/12/20	Wed 3/2/21														and and			
53	8 14.3.6.12.1	mobilisation & set up TTA	2 days	Fri 18/12/20	Sat 19/12/20														1.			
53	9 14.3.6.12.2	saw cut existing pavement and removal	6 days	Mon 21/12/20	Tue 29/12/20																	
54	0 14.3.6.12.3	trial pits	5 days	Wed 30/12/20	Tue 5/1/21																	
54	1 14.3.6.12.4	trench sheetpiling	5 days	Wed 6/1/21	Mon 11/1/21																	
		d offort offootplining	ouuyo	fied of hET																		
54	2 14.3.6.12.5	excavate trench & shoring	4 days	Tue 12/1/21	Fri 15/1/21														*			
			, adje																			
54	3 14.3.6.12.6	pipe laving & construct manhole	4 days	Sat 16/1/21	Wed 20/1/21														2			
54	4 14.3.6.12.7	backfill trench & remove sheetpile, rail & strut	8 days	Thu 21/1/21	Fri 29/1/21														+			
			,-																			
54	5 14.3.6.12.8	reinstate trench & curing	4 davs	Sat 30/1/21	Wed 3/2/21														-			
54	6 14.3.6.13	Phase F: additional TTA On	38 days	Fri 18/12/20	Wed 3/2/21																	
54	7 14.3.6.13.1	mobilisation & set up TTA	2 days	Fri 18/12/20	Sat 19/12/20																	
54	8 14.3.6.13.2	saw cut existing payement and removal	4 days	Mon 21/12/20	Thu 24/12/20																	
54	9 14.3.6.13.3	trial pits	4 days	Mon 28/12/20	Thu 31/12/20													1				
55	0 14.3.6.13.4	trench sheetpiling	5 days	Sat 2/1/21	Thu 7/1/21																	
55	1 14.3.6.13.5	excavate trench & shoring	6 davs	Fri 8/1/21	Thu 14/1/21													1				
	1.00		e aaje	111011121																		
55	2 14.3.6.13.6	pipe laving & construct manhole	5 davs	Fri 15/1/21	Wed 20/1/21													1				
55	3 14.3.6.13.7	backfill trench & remove sheetnile rail & strut	9 days	Thu 21/1/21	Sat 30/1/21														+			
			e uuje		Gatoornizi																	
55	4 14.3.6.13.8	reinstate trench & curing	3 davs	Mon 1/2/21	Wed 3/2/21														2			
55	5 15	Planned Completion for section 1 of the works	0 dave	Wed 3/2/21	Wed 3/2/21														++			
55	6 16	Completion Date for section 1 of the works	0 days	Wed 3/2/21	Wed 3/2/21														T.			
55	7 17	section 2 of the works - Completion of all works	979 dave	Thu 31/5/18	Wed 3/2/21																	
		within Parts C1 and C2 of the Site excent	or o uays	11u J 1/J/ 10	WEU JIZIZI																	
		Establishment works																				
55	8 17.1	access date for section 2 (Part C1)	0 davs	Thu 31/5/18	Thu 31/5/18	1	2															
55	9 17.2	Temporary Traffic Arrangement (TTA) Scheme for Lin	162 dave	Fri 1/6/18	Fri 9/11/18																	
		Ma Hang Road	102 0033		110/11/10																	
56	0 17.2.1	Submission / accentance of traffic consultant	21 dave	Fri 1/6/18	Thu 21/6/18																	
56	1 17.2.2	Preparation of TTA for TMI G and accentance from	44 days	Fri 22/6/18	Sat 4/8/18		-															
		TD and RMO	i i uuyo																			
56	2 17.2.3	Application for XP	115 days	Wed 11/7/18	Fri 2/11/18		*															
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Sang Hing Civil Contractors Company Limited

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0     0 <th>Devel</th> <th>opment o</th> <th>V/2017/02 f Columbarium at Sandy Ridge Cemetery - Infrastruc</th> <th>tural Works</th> <th>s at Man Kam</th> <th>To Road and L</th> <th>Lin Ma Hang Road</th>	Devel	opment o	V/2017/02 f Columbarium at Sandy Ridge Cemetery - Infrastruc	tural Works	s at Man Kam	To Road and L	Lin Ma Hang Road
No.     No. <th>D</th> <th>WBS</th> <th>Task Name</th> <th>Duration</th> <th>Start Date</th> <th>Completion</th> <th>2019</th>	D	WBS	Task Name	Duration	Start Date	Completion	2019
131       14       Control A show (1)       Ale (2)						Date	Jun Jan Aug Mar Oct May Dec Jul Feb Sep
No.         No. <td>563</td> <td>17.2.4</td> <td>Comment &amp; acceptance of TTA scheme by TD &amp;</td> <td>90 days</td> <td>Sun 5/8/18</td> <td>Fri 2/11/18</td> <td>17       27       37       47       5       15       25       35       45       3       13       23       33       43       53       10       20       30       40       50       8       18       28       38       48       6       16       26       36       46       4</td>	563	17.2.4	Comment & acceptance of TTA scheme by TD &	90 days	Sun 5/8/18	Fri 2/11/18	17       27       37       47       5       15       25       35       45       3       13       23       33       43       53       10       20       30       40       50       8       18       28       38       48       6       16       26       36       46       4
No. 10         No. 10<	664	17.0.5	RMO		0.000000	<b>E</b> 1 0 11 11 0	
No.       N	565	17.2.5	Works at Lin Ma Hang Road (section 2 Part C1) refer	7 days 817 days	Sat 3/11/18 Sat 10/11/18	Wed 3/2/21	
No.       N	566	17.3.1	Phase I (stane 1)-south lane (chainane 240-283)	23 days	Sat 10/11/18	Thu 6/12/18	
Bit No         Bit No         App No         No         App No         No         App No         No         App No         No <th< td=""><td>567</td><td>17.3.1.1</td><td>TTA &amp; UU detection</td><td>1 day</td><td>Sat 10/11/18</td><td>Sat 10/11/18</td><td></td></th<>	567	17.3.1.1	TTA & UU detection	1 day	Sat 10/11/18	Sat 10/11/18	
9       9       9       90	568	17.3.1.2	tree felling	2 days	Mon 12/11/18	Tue 13/11/18	
No.       N	560	17212	and a state of the second	0 days	Man 40/44/40	Tue 40/44/40	
No. 1         No. 1 <th< td=""><td>570</td><td>17.3.1.3</td><td>saw cut &amp; remove existing pavement</td><td>∠ days 3 days</td><td>Mon 12/11/18</td><td>Fri 16/11/18</td><td></td></th<>	570	17.3.1.3	saw cut & remove existing pavement	∠ days 3 days	Mon 12/11/18	Fri 16/11/18	
III       IIII       IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	510		excavate pipe trench and mannole(s)	J udys			
2010       1.4.       Model America Set 7 set       3.69       F 2011       Model America Set 7 set       S 201       F 2011       Model America Set 7 set       S 201       F 2011       Model America Set 7 set       S 201       F 2011       Model America Set 7 set       S 201       F 2011       Model America Set 7 set       S 201       F 2011       Model America Set 7 set       S 201       F 2011       F 2011 <td< td=""><td>571</td><td>17.3.1.5</td><td>lay pipes &amp; construct manhole(s)</td><td>5 days</td><td>Sat 17/11/18</td><td>Thu 22/11/18</td><td></td></td<>	571	17.3.1.5	lay pipes & construct manhole(s)	5 days	Sat 17/11/18	Thu 22/11/18	
9       9.1	572	17.3.1.6	backfill formation & SRT test	3 days	Fri 23/11/18	Mon 26/11/18	
<ul> <li></li></ul>	573	17.3.1.7	lay kerb, sub-base	2 days	Tue 27/11/18	Wed 28/11/18	
200       101       0	574	17.3.1.8	sub-base SRT test	3 days	Thu 29/11/18	Sat 1/12/18	
10     <	575	17.3.1.9	DBM (Roadbase)	2 days	Mon 3/12/18	Tue 4/12/18	
Image: Proceedings of the section of the sectin of the section of the section of the section of the sec	570	17.3.1.10	base course and wearing course	2 days	Wed 5/12/18	Thu 6/12/18	
main	579	17.3.2	Phase I (stage 2)-north lane (chainage 240-283)	16 days	Ffi //12/18	Thu 27/12/18	$\mathbf{T}$
No. 1000000000000000000000000000000000000	579	17.3.2.2	tree felling	2 days	Sat 8/12/18	Mon 10/12/18	
98       91.2       see of Rumse cells governit       2 op       64 10/19       Mon12/18       1         98       91.24       see of Rumse cells governit       2 op       64 10/19       Mon12/18       1       <	12120	1.2X	troo toning	- uuyo	Out VITE/10		
11       1.1.2       accore of ph the other solution of ph the other solutin of ph the other solution of ph the other solu	580	17.3.2.3	saw cut & remove existing pavement	2 days	Sat 8/12/18	Mon 10/12/18	
30       11.3       wide outschaft park plass const.ct play (pask const.ct pl	581	17.3.2.4	excavate gully trench and gully pot(s)	1 day	Tue 11/12/18	Tue 11/12/18	
a) 81 40 / 10 / 10 / 10 / 10 / 10 / 10 / 10	582	17.3.2.5	lay& connect gully pipes& construct gully pot(s)	3 days	Wed 12/12/18	Fri 14/12/18	
910       912       bicbox addressing partial       900       912 <t< td=""><td>583</td><td>17.3.2.6</td><td>lay kerb, sub-base</td><td>2 days</td><td>Sat 15/12/18</td><td>Mon 17/12/18</td><td></td></t<>	583	17.3.2.6	lay kerb, sub-base	2 days	Sat 15/12/18	Mon 17/12/18	
30       10.20       Dubli (conduction)       20.90       P1/10	584	17.3.2.7	sub-base SRT test	3 days	Tue 18/12/18	Thu 20/12/18	
101       1	282	17.3.2.8	DBM (Roadbase)	2 days	Fri 21/12/18	Sat 22/12/18	
Image       TrA & Up devices       Tra & Up devices <thtra &="" devices<="" th="" up=""> <thtra &="" dev<="" td="" up=""><td>587</td><td>17.3.3</td><td>Dase Course and wearing course Phase I (stage 3)-south lane (chainage 283-335)</td><td>2 uays 26 days</td><td>W011 24/12/10 Fri 28/12/18</td><td>Mon 28/1/10</td><td></td></thtra></thtra>	587	17.3.3	Dase Course and wearing course Phase I (stage 3)-south lane (chainage 283-335)	2 uays 26 days	W011 24/12/10 Fri 28/12/18	Mon 28/1/10	
with rank	588	17.3.3.1	TTA & IIII detection	20 days 1 dav	Fri 28/12/18	Fri 28/12/18	
17.1.3       saw out & formove existing pavement       3.49       Str. 2017.19       FA 4/119         17.1.3       bay pipes & construct mathelicy)       8.49       Str. 2017.19       FA 4/119         17.1.3       bay pipes & construct mathelicy)       8.49       Str. 2017.19       FA 4/119         17.1.3       bay pipes & construct mathelicy)       8.49       Str. 2017.19       Str. 2017.1	589	17.3.3.2	tree felling	3 days	Sat 29/12/18	Wed 2/1/19	
9/10       1/2.3       sar of 4 enrove oskillig parenent       3 days       Sat 20/121       Wed 21/19         9/10       1/2.3       say pipe & construct the information & ST that       3 days       Turi 10/10							
90       71/43       excave pipe tench and manhole(j)       2 day       Th 34/19       Fit 34/19         90       71/23       lay pipe 3 construct manhole(j)       8 day       S a 5/19       Mon 14/19       S month 14/19         91       71/23       lay pipe 3 construct manhole(j)       8 day       S a 5/19       Mon 14/19       S month 14/19       S month 14/19         91       71/23       lay due 3 construct manhole(j)       2 day       S a 19/19       S month 14/19       S month 14/19       S month 14/19         91       71/23       lay due 3 construct manhole(j)       2 day       S a 19/19       S month 14/19       S month 14/19       S month 14/19         91       71/23       lay due 3 construct manhole(j)       2 day       S a 19/19       S month 14/19       S month 14/19<	590	17.3.3.3	saw cut & remove existing pavement	3 days	Sat 29/12/18	Wed 2/1/19	
92       73.3       kay pies & construct manole(s)       8 day       Sta 51/19       Mon 14/119       Image: Sta 51/19       Mon 24/119       M	591	17.3.3.4	excavate pipe trench and manhole(s)	2 days	Thu 3/1/19	Fri 4/1/19	
923       233       baddil formation & SRT test       3 day       Tue 15/110	592	17.3.3.5	lay pipes & construct manhole(s)	8 days	Sat 5/1/19	Mon 14/1/19	
94       0.37       pip dr. sub-bas       949       Fi 18170       941970         95       13.38       pub dr. sub-bas       949       Fi 18170       941970         95       13.34       pub dr. sub-bas       949       Fi 18170       941971         95       13.34       pub dr. sub-bas       949       Fi 18170       941971         95       13.35       pub dr. sub-bas       949       Fi 18170       941971         95       13.34       pub dr. sub-bas       949       Fi 18170       941971         95       73.4       Pub el (step 4)       Pub el (step 4)       Mon 28119       941914         95       73.4       Pub el (step 4)       Pub el (step 4)       Fi 18179       942119       149714         96       73.4       ra ot film       Step 90119       Fi 18179       842219       Sta 2219       Sta	593	17336	hackfill formation & SRT test	3 dave	Tue 15/1/10	Thu 17/1/10	
998       73.8       ubbese RT test       3 days       Mon 21/119       Wed 201/19         907       73.30       base course and washing course       2 days       TU 24/111       Mon 22/119       Wed 202/19         907       73.40       Phase I (dage 4) north in a (change 283-33)       17 days       Tu 24/111       Wed 202/19       Wed 202/19         907       73.41       Th A & UU dectoin       3 days       Wed 202/19       Tu 24/111       Wed 202/19         907       73.42       to thing base interve axisting pavement       3 days       Wed 202/19       Tu 24/111       Wed 202/19         907       73.41       to thing base interve axisting pavement       3 days       Wed 202/19       Sat 22/19       Sat 22/19         907       73.41       to thing base interve axisting pavement       3 days       Wed 202/19       Sat 22/19       Sat 22/19         907       73.42       to thing base interve axisting pavement       3 days       Wed 202/19       Sat 22/19       Sat 22/19       Sat 22/19         907       73.43       save course and wearing course       2 days       Sat 22/19       Sat 22/19       Sat 22/19       Sat 22/19         907       73.45       tay decision       1 days       Sat 22/19       Sat 22/19 <td< td=""><td>594</td><td>17.3.3.7</td><td>lav kerb, sub-base</td><td>2 days</td><td>Fri 18/1/19</td><td>Sat 19/1/19</td><td></td></td<>	594	17.3.3.7	lav kerb, sub-base	2 days	Fri 18/1/19	Sat 19/1/19	
996       73.3 0       DB (Noodbase)       2 days Th 24/119       F128/119         997       73.4 0       Phase (Idage 4)-ondt lane (chainge 283.33)       17 days Tu 29/119       Wei 20/119	595	17.3.3.8	sub-base SRT test	3 days	Mon 21/1/19	Wed 23/1/19	The second s
977       173.10       bese course and wearing course       2 days       5412(1/19)       Mon 23/1/19         979       73.41       TrA & UU detection       1 day       Tue 23/1/19       Won 23/1/19         979       73.41       TrA & UU detection       1 days       Wed 30/19       Fi 1/2/19         970       73.42       TrA & UU detection       3 days       Wed 30/19       Fi 1/2/19         970       73.44       TrA & UU detection       3 days       Wed 30/19       Fi 1/2/19         970       73.44       eccarate guly rench and guly pot(s)       3 days       Wed 30/19       Fi 1/2/19         970       73.44       eccarate guly rench and guly pot(s)       3 days       Wed 30/19       Fi 1/2/19         970       73.44       iay ken, buschase       2 days       Mon 1/2/19       Sat 22/19         971       73.44       iay ken, buschase       2 days       Mon 1/2/19       Fi 1/2/19         970       73.47       sub-base SNT lest       3 days       Wed 32/19       Sat 22/19         971       73.43       base course and wearing course       2 days       Tue 2/19       Wed 32/19         971       73.43       base course and wearing course       2 days       Sat 23/19       Sat	596	17.3.3.9	DBM (Roadbase)	2 days	Thu 24/1/19	Fri 25/1/19	
978       77.4.4       Phase 1 (stage 4)-north lane (chainage 285-33)       17 days       Tue 28/11/9       Wed 20/21/9         970       73.4.1       TA & Ul detection       1 day       Tue 28/11/9       Wed 20/11/9       Fil 12/19         970       73.4.2       tree selling       3 days       Wed 30/11/9       Fil 12/19       Fil 12/19         970       73.4.3       sex out & remove existing pavement       3 days       Wed 30/11/9       Fil 12/19       Fil 12/19         970       73.4.4       excavate guily tench and guily pot(s)       1 day       Sat 22/19       Sat 22/19 <td>597</td> <td>17.3.3.10</td> <td>base course and wearing course</td> <td>2 days</td> <td>Sat 26/1/19</td> <td>Mon 28/1/19</td> <td><math>\mathbf{f}</math></td>	597	17.3.3.10	base course and wearing course	2 days	Sat 26/1/19	Mon 28/1/19	$\mathbf{f}$
399       73.41       TLA UU delection       1 day       Tue 20/1/19       Tue 2	598	17.3.4	Phase I (stage 4)-north lane (chainage 283-335)	17 days	Tue 29/1/19	Wed 20/2/19	
13.42       tree relining       3 days       Wed 30/119       Fn1 12/19         13.43       saw cut & remove existing pavement       3 days       Wed 30/119       Fn1 12/19         1000       17.3.43       saw cut & remove existing pavement       3 days       Wed 30/119       Fn1 12/19         1000       17.3.45       lay & connect guly pote/s a days       Med 32/219       Sat 22/19       Sat 22/19         1000       17.3.45       lay & connect guly pote/s a days       Men 12/19       Tv1 22/19         1001       17.3.48       lay keth, sub-base       2 days       Men 12/219       Fn1 22/19         1015       17.3.48       lay keth, sub-base       2 days       Men 12/219       Fn1 22/19         1016       17.3.48       DBM (Roadbase)       2 days       Sat 18/2119       Min 18/219         1017       17.3.49       base construct manhole(s)       2 days       Min 18/219         1018       Phase1 (stage 5)-south lane (chainage 335-380)       18 days       True 21/219       Wed 30/119         1018       17.3.54       lay pipes & construct manhole(s)       2 days       Min 25/219       Sat 23/19         1018       17.3.54       lay keth, sub-base SRT test       0 days       Sat 23/19       Sat 23/19      <	599	17.3.4.1	TTA & UU detection	1 day	Tue 29/1/19	Tue 29/1/19	
601       17.3.4.3       saw cut & remove existing pavement       3 days       Wed 30/1/19       Fri 1/2/19         602       17.3.4.4       excavate guily tench and guily pot(s)       1 day       Sat 92/19       Sat 92/19         603       17.3.4.4       layk connet guily piesk construct guily pot(s)       1 day       Sat 92/19       Sat 92/19         604       17.3.4.5       layk connet guily piesk construct guily pot(s)       3 days       Wed 132/19       Fri 152/19         605       17.3.4.7       sub-base SRT test       3 days       Wed 132/19       Fri 152/19         605       17.3.4.8       DBM (Roadbase)       2 days       Mon 12/2/19       Wed 132/19         607       17.3.4.8       DBM (Roadbase)       2 days       Tue 192/19       Wed 132/19         607       17.3.4.9       DBM (Roadbase)       2 days       Tue 12/19       Wed 132/19         607       17.3.4.9       DBM (Roadbase)       2 days       Tue 21/2/19       Wed 33/19         608       17.3.5       saw out & remove existing pavement       2 days       Tue 23/219       Sat 23/19         610       17.3.5       lay pipes & construct manhole(s)       4 days       Wed 37/19       Sat 23/19       2/2         613       17.3.5	000	17, <b>J.</b> 4.Z	tree tening	5 days	vvea 30/1/19	FIL1/2/19	
6702       77.34.4       excavate guly trench and guly pot(s)       1 day       Sat 22/19       Sat 22/19         603       77.34.5       lay& connect guly pipes& construct guly pot(s)       3 days       Mon 4/2/19       Sat 92/19         605       77.34.5       lay& connect guly pipes& construct guly pot(s)       3 days       Mon 4/2/19       Sat 92/19         605       77.34.5       lay& construct guly pot(s)       3 days       Mon 1/2/19       Tue 1/2/19         605       77.34.5       DBW (Roadbase)       2 days       Sat 92/19       Won 1/3/19         605       77.34.5       DBW (Roadbase)       2 days       Sat 92/19       Won 1/3/19         606       77.34.5       DBW (Roadbase)       2 days       Sat 92/19       Won 1/3/19         607       77.34.5       DBW (Roadbase)       2 days       Tue 1/2/19       Wei 1/3/19         607       77.3.5       Phase I (stage 5)-south lane (chainage 335-300)       16 day       Tue 2/12/19       Sat 2/3/19         610       17.3.5       excavate pipe trench and manhole(s)       2 days       Yei 2/3/19       Yei 2/3/19         611       74.3.5       excavate pipe trench and manhole(s)       2 days       Sat 2/3/19       Yei 2/3/19         613       613.7	601	17.3.4.3	saw cut & remove existing pavement	3 days	Wed 30/1/19	Fri 1/2/19	
603       77.3.4.5       layk connect ully pipes & construct gully pot(s)       3 days       Mon 4/2/19       Saf 2/2/19         604       77.3.4.6       layk etch, sub-base       2 days       Mon 1/2/19       Tu 12/2/19         605       77.3.4.7       sub-base SRT test       3 days       Won 13/2/19       Tu 12/2/19         606       77.3.4.8       DBM (Roadbase)       2 days       Sat 16/2/19       Mon 2/2/19         606       77.3.4.9       base course and wearing course       2 days       Tu 12/2/19       Wed 13/2/19         608       77.3.5       Phase (stage 5) south lane (chainage 335-380)       18 days       Tu 2/2/19       Wed 13/2/19         609       77.3.5.       sec curse and wearing course       2 days       Fit 2/2/19       Sat 23/2/19         600       77.3.5.       sec curse pipe tench and manhole(s)       2 days       Mon 25/2/19       Tu 2/2/19         610       77.3.5.       sec curstruct manhole(s)       4 days       Wed 27/2/19       Sat 23/2/19         613       77.3.5.       backlifi formation & SRT test       0 days       Sat 23/19       Sat 23/19         614       77.3.5.       backlifi formation & SRT test       0 days       Wed 63/19       Ti 83/19         615       77.3.5. <td>602</td> <td>17.3.4.4</td> <td>excavate gully trench and gully pot(s)</td> <td>1 day</td> <td>Sat 2/2/19</td> <td>Sat 2/2/19</td> <td></td>	602	17.3.4.4	excavate gully trench and gully pot(s)	1 day	Sat 2/2/19	Sat 2/2/19	
604       77.3.4.6       lay kerb, sub-base       2 days       Mon 11/2/19       Tue 12/2/19         605       77.3.4.7       sub-base SRT test       3 days       Wed 13/2/19       Fi 15/2/19         605       77.3.4.7       Sub-base SRT test       3 days       Wed 13/2/19       Fi 15/2/19         607       77.3.4.9       base course and wearing course       2 days       Sat 16/2/19       Mon 12/2/19         608       77.3.4.9       base course and wearing course       2 days       Tue 12/2/19       Wed 20/2/19         608       77.3.5       Phasel (stage 5)-south lane (chainage 335-380)       18 days       Tue 12/2/19       Wed 20/2/19         609       77.3.5.1       TT A & U detection       1 day       Tue 2/2/19       Sat 23/2/19         610       77.3.5.2       saw out & remove existing pavement       2 days       Fi 22/2/19       Sat 23/19         611       17.3.5.3       excavate pipe trench and manhole(s)       2 days       Non 25/2/19       Tue 26/2/19         612       17.3.5       backfill formation & SRT test       0 days       Sat 23/19       2/2/3         614       17.3.5.5       backfill formation & SRT test       0 days       Sat 23/19       2/2/3         614       17.3.5.5       b	603	17.3.4.5	lay& connect gully pipes& construct gully pot(s)	3 days	Mon 4/2/19	Sat 9/2/19	
01D       1/-3.47       sub-base SRI test       3 days       Wed 13/219       Fri 5/219         060       1/3.48       DBM (Roadbase)       2 days       Sat 16/219       Mon 13/219         060       1/3.49       base course and wearing course       2 days       Sat 16/219       Wed 20/219         060       1/3.49       base course and wearing course       2 days       Sat 16/219       Wed 20/219         060       1/3.45       base course and wearing course       2 days       Thu 21/219       Wed 20/219         070       1/3.45       base course and wearing course       2 days       Fri 22/219       Sat 23/219         071       1/3.45       acx remove existing pavement       2 days       Fri 22/219       Sat 23/219         071       1/3.55       backfill formation & SRT test       0 days       Sat 2/3/19       Tue 26/219         071       1/3.55       backfill formation & SRT test       0 days       Sat 2/3/19       2/20         073       1/3.55       backfill formation & SRT test       0 days       Sat 2/3/19       2/20         073       1/3.55       backfill formation & SRT test       0 days       Sat 2/3/19       2/20         073       1/3.55       backfill formation & SRT test       0	604	17.3.4.6	lay kerb, sub-base	2 days	Mon 11/2/19	Tue 12/2/19	
0000       17.4.3       DBM (Koadbase)       2 day       Saft 0/2 19       Mon 18/2/19       Mon 18/2/19         001       17.3.4       DBM (koadbase)       2 days       Tu 19/2/19       Wed 13/3/19         008       17.3.5       Phase I (stage 5)-south lane (chainage 335-380)       18 days       Thu 21/2/19       Wed 13/3/19         010       17.3.5.       TTA & UU detection       1 day       Thu 21/2/19       Wed 13/3/19         010       17.3.5.       saw cut & remove existing pavement       2 days       Tri 22/19       Sat 23/2/19         010       17.3.5.       saw cut & remove existing pavement       2 days       Tri 22/19       Sat 23/2/19         011       17.3.5.       excavate pipe trench and manhole(s)       2 days       Mon 25/2/19       Tue 26/2/19         012       17.3.5.       backfill formation & SRT test       0 days       Sat 2/3/19       Sat 2/3/19         013       17.3.5       backfill formation & SRT test       0 days       Sat 2/3/19       Yet 5/3/19         014       17.3.5       backfill formation & SRT test       0 days       Sat 2/3/19       Yet 5/3/19         015       17.3.5       babes(Roadbase)       2 days       Mon 13/3/19       Yet 5/3/19         016       17.3.5	605	17.3.4.7	sub-base SRT test	3 days	Wed 13/2/19	Fri 15/2/19	
007       1.5.4.9       base course and wearing course course and wearing course and wearing cour	607	17340	DBM (Roadbase)	2 days	Sat 16/2/19	Mon 18/2/19	
11       17.1 & UL details 0, but into (name 0 to 0 do)       16 dby       17.1 & UL details 0, but into (name 0 to 0 do)         160       17.3 & UL details 0, but into (name 0 to 0 do)       1 dby       Thu 21/219       Thu 21/219         17.3 & UL details 0, but into (name 0 to 0 do)       2 days       Fri 22/219       Sat 23/219         11       17.3 & excavate pipe trench and manhole(s)       2 days       Mon 25/2/19       Tue 26/2/19         612       17.3 & backfil formation & SRT test       0 days       Sat 2/3/19       2/3         613       17.3 & backfil formation & SRT test       0 days       Sat 2/3/19       2/3         614       17.3 & backfil formation & SRT test       0 days       Sat 2/3/19       2/3         614       17.3 & backfil formation & SRT test       0 days       Sat 2/3/19       2/3         615       17.3 & backfil formation & SRT test       0 days       Sat 2/3/19       2/3         614       17.3 & back Fil test       0 days       Sat 2/3/19       10       2/3         616       17.3 & back Fil test       0 days       Sat 2/3/19       10       2/3         616       17.3 & back Fil test       0 days       Sat 9/3/19       Mon 11/3/19       10         8000       17.3 & back Fil test       0 days	608	17.3.5	pase course and wearing course Phase I (stage 5)-south lane (chainage 335-380)	∠uays 18 dave	Thu 21/2/19	Wed 13/3/10	
17.3.5.2       saw cut & remove existing pavement excavate pipe trench and manhole(s)       2 days       Fit 22/2/19       Sat 23/2/19         611       17.3.5.3       excavate pipe trench and manhole(s)       2 days       Mon 25/2/19       Tue 26/2/19         612       17.3.5.4       lay pipes & construct manhole(s)       4 days       Wed 27/2/19       Sat 2/3/19         613       17.3.5.5       backfill formation & SRT test       0 days       Sat 2/3/19       2/3         614       17.3.5.6       lay kerb, sub-base       2 days       Mon 4/3/19       Tue 5/3/19         615       17.3.5.7       sub-base SRT test       3 days       Wed 6/3/19       Fit 8/3/19         616       17.3.5.8       DBM (Roadbase)       2 days       Sat 9/3/19       Mon 11/3/19         Sate Store S	609	17.3.5.1	TTA & UU detection	1 day	Thu 21/2/19	Thu 21/2/19	
611       17.3.5.3       excavate pipe trench and manhole(s)       2 days       Mon 25/2/19       Tue 26/2/19         612       17.3.5.4       lay pipes & construct manhole(s)       4 days       Wed 27/2/19       Sat 2/3/19         613       17.3.5.5       backfill formation & SRT test       0 days       Sat 2/3/19       Sat 2/3/19         614       17.3.5.6       lay kerb, sub-base       2 days       Mon 4/3/19       Tue 5/3/19         615       17.3.5.7       sub-base SRT test       3 days       Wed 6/3/19       Fri 8/3/19         616       17.3.5.8       DBM (Roadbase)       2 days       Sat 9/3/19       Mon 11/3/19	610	17.3.5.2	saw cut & remove existing pavement	2 davs	Fri 22/2/19	Sat 23/2/19	
61217.3.5.4lay pipes & construct manhole(s)4 daysWed 27/2/19Sat 2/3/1961317.3.5.5backfill formation & SRT test0 daysSat 2/3/19Sat 2/3/1961417.3.5.6lay kerb, sub-base2 daysMon 4/3/19Tue 5/3/1961517.3.5.7sub-base SRT test3 daysWed 6/3/19Fri 8/3/1961617.3.5.8DBM (Roadbase)2 daysSat 9/3/19Mon 11/3/19	611	17.3.5.3	excavate pipe trench and manhole(s)	2 days	Mon 25/2/19	Tue 26/2/19	
613       17.3.5.5       backfill formation & SRT test       0 days       Sat 2/3/19       Sat 2/3/19       Value 5/3/19       Value	612	17.3.5.4	lay pipes & construct manhole(s)	4 days	Wed 27/2/19	Sat 2/3/19	<b>*</b>
614       17.3.5.6       lay kerb, sub-base       2 days       Mon 4/3/19       Tue 5/3/19         615       17.3.5.7       sub-base SRT test       3 days       Wed 6/3/19       Fri 8/3/19         616       17.3.5.8       DBM (Roadbase)       2 days       Sat 9/3/19       Mon 11/3/19         Sang Hing Civil Contractors Company Limited	613	17.3.5.5	backfill formation & SRT test	0 davs	Sat 2/3/19	Sat 2/3/19	2/3
615     17.3.5.7     sub-base SRT test     3 days     Wed 6/3/19     Fri 8/3/19       616     17.3.5.8     DBM (Roadbase)     2 days     Sat 9/3/19     Mon 11/3/19       Sang Hing Civil Contractors Company Limited	614	17.3.5.6	lay kerb, sub-base	2 days	Mon 4/3/19	Tue 5/3/19	
616     17.3.5.8     DBM (Roadbase)     2 days     Sat 9/3/19     Mon 11/3/19     F     Image: Contraction of the second contrecontraction of the	615	17.3.5.7	sub-base SRT test	3 days	Wed 6/3/19	Fri 8/3/19	
Sang Hing Civil Contractors Company Limited Page 13/36	616	17.3.5.8	DBM (Roadbase)	2 days	Sat 9/3/19	Mon 11/3/19	
	Sang H	ling Civil C	ontractors Company Limited				Page 13/36

Contr	act No. C' opment o	V/2017/02 f Columbarium at Sandy Ridge Cemetery - Infrastruc	tural Work	s at Man Kam	To Road and I	in Ma Hang Road									Initial Works Programme (06)
ID	WBS	Task Name	Duration	Start Date	Completion		2019								2024
		C. Sanda C. N. Sandayi et al.			Date	Jun	Jan 5	Au	g 25 45	Mar	Oct	2 50	May Dec	Jul	Feb Sep
617	17.3.5.9	base course and wearing course	2 days	Tue 12/3/19	Wed 13/3/19	11 21 51	47 5		55 45	3 45	25 55 45	5 55	10 20 30 40 50 8	18 28 38	48 6 16 26 36 46 4
618	17.3.6	Phase I (stage 6)-north lane (chainage 335-380)	16 days	Thu 14/3/19	Mon 1/4/19		1								
619	17.3.6.1	TTA & UU detection	1 day	Thu 14/3/19	Thu 14/3/19		<u></u>								
620	17.3.0.2	saw cut & remove existing pavement	2 days	ЕП 15/3/19 Мор 19/2/10	Sat 16/3/19		Ţ								
622	17.3.6.4	lav& connect guily prines& construct guily pot(s)	3 days	Tue 19/3/19	Thu 21/3/19										
623	17.3.6.5	lay kerb, sub-base	2 days	Fri 22/3/19	Sat 23/3/19		i i i i i i i i i i i i i i i i i i i								
624	17.3.6.6	sub-base SRT test	3 days	Mon 25/3/19	Wed 27/3/19		5								
625	17.3.6.7	DBM (Roadbase)	2 days	Thu 28/3/19	Fri 29/3/19		L E								
626	17.3.6.8	base course and wearing course	2 days	Sat 30/3/19	Mon 1/4/19		1 j								
628	17371	Phase I (stage 7)-south lane (chainage 380-435)	23 days	Tue 2/4/19	Fri 3/5/19		1	-							
629	17.3.7.2	tree felling	3 davs	Wed 3/4/19	Sat 6/4/19										
695	1.00	a containing	ouujo		out of in to										
630	17.3.7.3	saw cut & remove existing pavement	3 days	Wed 3/4/19	Sat 6/4/19										
631	17.3.7.4	excavate pipe trench and manhole(s)	3 days	Mon 8/4/19	Wed 10/4/19		F								
632	17375	lay pipes & construct manhole(s)	7 days	Thu 11///10	Thu 18///10			+							
			, uuyo												
633	17.3.7.6	backfill formation & SRT test	0 days	Thu 18/4/19	Thu 18/4/19			18/4							
634	17.3.7.7	lay kerb, sub-base	2 days	Tue 23/4/19	Wed 24/4/19			1							
635	17370	SUD-Dase SKI test	3 days	Thu 25/4/19 Mon 20/4/40	Sat 27/4/19			2							
637	17.3.7.10	base course and wearing course	2 days 2 days	Thu 2/5/19	Fri 3/5/19			2							
638	17.3.8	Phase I (stage 8)-north lane (chainage 380-435)	15 days	Sat 4/5/19	Wed 22/5/19			#							
639	17.3.8.1	TTA & UU detection	1 day	Sat 4/5/19	Sat 4/5/19			5							
640	17.3.8.2	tree felling	1 day	Mon 6/5/19	Mon 6/5/19			ĥ							
641	17.3.8.3	saw cut & remove existing pavement	1 day	Mon 6/5/19	Mon 6/5/19			T							
642	17.3.8.4	excavate gully trench and gully pot(s)	1 day	Tue 7/5/19	Tue 7/5/19			R III							
643	17.3.8.5	lay& connect gully pipes& construct gully pot(s)	3 days	Wed 8/5/19	Fri 10/5/19			ι <b>ξ</b>							
644	17.3.8.6	lay kerb, sub-base	2 days	Sat 11/5/19	Tue 14/5/19			ĥ.							
645	17.3.8.7	sub-base SRT test	3 days	Wed 15/5/19	Fri 17/5/19			ĥ.							
647	17.3.8.9	DBM (Roadbase)	2 days 2 days	Sat 18/5/19 Tue 21/5/10	Mon 20/5/19			₽							
648	17.3.9	Phase I (stage 9)-south lane (chainage 190-240)	18 days	Thu 23/5/19	Thu 13/6/19			jeeni							
649	17.3.9.1	TTA & UU detection	1 day	Thu 23/5/19	Thu 23/5/19			R.							
650	17.3.9.2	tree felling	3 days	Fri 24/5/19	Mon 27/5/19			ĥ							
651	17393	sow cut & remove existing payement	3 dave	Eri 24/5/10	Mon 27/5/10			3							
652	17.3.9.4	excavate pipe trench and manhole(s)	1 dav	Tue 28/5/19	Tue 28/5/19			3							
			,												
653	17.3.9.5	lay pipes & construct manhole(s)	4 days	Wed 29/5/19	Sat 1/6/19			9							
654	17.3.9.6	backfill formation & SRT test	0 davs	Sat 1/6/19	Sat 1/6/19			₹1/6							
655	17.3.9.7	lay kerb, sub-base	2 days	Mon 3/6/19	Tue 4/6/19			h							
656	17.3.9.8	sub-base SRT test	3 days	Wed 5/6/19	Sat 8/6/19			Ĕ.							
657	17.3.9.9	DBM (Roadbase)	2 days	Mon 10/6/19	Tue 11/6/19			f.							
659	17.3.9.10	Dase course and wearing course Phase I (stone 10) porth lane (chainage 100 240)	2 days	Wed 12/6/19 Eri 14/6/10	Thu 13/6/19 Wod 3/7/10			1							
660	17.3.10.1	TTA & UU detection	1 day	Fri 14/6/19	Fri 14/6/19			Ŧ							
661	17.3.10.2	tree felling	2 days	Sat 15/6/19	Mon 17/6/19			<b>K</b>							
660	17 3 40 9		0.4	0-145/0/10	Ne - 4710/10			-							
663	17.3.10.3	saw cut & remove existing pavement	2 days	Sat 15/6/19	Mon 17/6/19 Tuo 18/6/10			<b>Y</b>							
664	17.3.10.5	lav& connect gully pipes& construct gully pot(s)	3 davs	Wed 19/6/19	Fri 21/6/19			2							
665	17.3_10.6	lay kerb, sub-base	2 days	Sat 22/6/19	Mon 24/6/19			Ř							
666	17.3.10.7	sub-base SRT test	3 days	Tue 25/6/19	Thu 27/6/19			ř							
667	17.3.10.8	DBM (Roadbase)	2 days	Fri 28/6/19	Sat 29/6/19			6							
660	17.3.10.9	base course and wearing course	2 days	Tue 2/7/19	Wed 3/7/19										
009	11.3.11	Phase in (stage 1)-south lane (chainage 32-85)-Noise Barrier MM6 (bays 1-3) & MM7 (bays	ap days	1 nu 4/7/19	FII 25/10/19				_						
		1-2)													
670	17.3.11.1	TTA, UU detection	1 day	Thu 4/7/19	Thu 4/7/19			1							
6/1	17.3.11.2	relocate existing CLP(LV) cable and HKT cable (not agreed yet)	5 days	Fri 5/7/19	Wed 10/7/19										
Sana	ling Civil C	contractors Company Limited						Dana	14/36						
	Ing Own O							Faye							IWP(06) 20190531issued

Develo	pment of C	Columbarium at Sandy Ridge Cemetery - Infrastructu	ural Works	s at Man Kam	To Road and L	in Ma Hang Roa	d														ks Programm	1e (Ub)
ID	WBS	Fask Name	Duration	Start Date	Completion		20	19													20	)24
					Date	Jun	Jar	1	Aug		Mar		Oct	N	Лay	Dec	Ju	ıl	Feb	Ser	p	
672	7.3.11.3	tree felling	2 dave	Thu 11/7/10	Eri 12/7/10	1/ 2/ 3	/ 4/	5 15	25	55 45	3 1	3 23 3	3 43	53 10	20 30	40 50	8 18	28 38	48 6	16 26 3	6 46	4
012		tree lenning	2 uays	1110 11/1/15	11112///19																	
673	7.3.11.4	saw cut & remove existing pavement	2 days	Thu 11/7/19	Fri 12/7/19				<b>X</b>													
674	7.3.11.5	install sheetpiles	5 days	Sat 13/7/19	Thu 18/7/19				×.													
675	7.3.11.6	excavate and install rails and struts	4 days	Fri 19/7/19	Tue 23/7/19				i i i													
676	7 9 14 7	and a later than the second for the second	0	101-101/7/40	E : 00/7/40				-													
677	73118	concrete blinding layers for 5 bays	3 days	Wed 24/7/19	Fri 26///19				1													
678	73119	steel fixing for 3 bases	2 days	FII 20/7/19 Sat 27/7/10	Sal 27/7/19 Tuo 30/7/10																	
679	7.3.11.10	concrete and curing for 3 bases	5 days	Tue 30/7/19	Sat 3/8/19				1													
680	7.3.11.11	remove formwork	3 days	Sat 3/8/19	Tue 6/8/19																	
681	7.3.11.12	falsework and formwork for alternative 3 walls	4 days	Tue 6/8/19	Fri 9/8/19				K													
682	7.3.11.13	steel fixing for 3 walls	9 days	Fri 9/8/19	Mon 19/8/19																	
683	7.3.11.14	close formwork for 3 walls	3 days	Mon 19/8/19	Wed 21/8/19				h h													
684	7.3.11.15	concrete and curing for 3 walls	6 days	Wed 21/8/19	Tue 27/8/19				E C													
686	7.3.11.10	remove formwork	3 days	1ue 27/8/19	Thu 29/8/19				4													
000		bavs	∠ uays	111u 29/0/19	FII 30/0/19																	
687	7.3.11.18	steel fixing for two bases	2 days	Fri 30/8/19	Sat 31/8/19				5													
688	7.3.11.19	concrete and curing for two bases	4 days	Sat 31/8/19	Wed 4/9/19				6													
689	7.3.11.20	remove formwork	2 days	Wed 4/9/19	Thu 5/9/19				ĥ												/	
690	7.3.11.21	falsework and formwork of alternative second two	3 days	Thu 5/9/19	Sat 7/9/19				ĥ													
601	7 3 11 00	Walls	6 days	Cat 7/0/40	E-1 40/0/40				<b>_</b>													
692	7.3.11.23	steer lixing for two walls	o days 2 days	Sat 7/9/19 Fri 13/0/10	TIL 13/9/19 Mon 16/0/10																1	
693	7.3.11.24	concrete and curing for two walls	2 days 4 days	Mon 16/9/19	Thu 19/9/19																	
694	7.3.11.25	remove formwork	2 days	Thu 19/9/19	Fri 20/9/19				1	*												
695	7.3 11.26	backfill formation & SRT test	12 days	Fri 20/9/19	Fri 4/10/19					Š, I												
(0)	7 0 44 07				0.154040					Ļ												
090	1.3.11.27	excavate pipe trench and manhole(s)	2 days	Fn 4/10/19	Sat 5/10/19					1												
697	7.3.11.28	lay pipes & construct manhole(s)	6 davs	Sat 5/10/19	Sat 12/10/19																	
			o dago		out 12 no. no																	
698	7.3.11.29	backfill pipe trench & SRT test	3 days	Sat 12/10/19	Tue 15/10/19					5												
699	7.3.11.30	lay kerb, sub-base	2 days	Wed 16/10/19	Thu 17/10/19					5												
700	7.3.11.31	sub-base SRT test	3 days	Fri 18/10/19	Mon 21/10/19					5												6 1
702	7 3 11 33	DBM (Roadbase)	2 days	Tue 22/10/19	VVed 23/10/19					1												
702	7.3.12	Phase II (stage 2)-north lane (chainage	2 uays 84 days	Sat 26/10/19	Fri 7/2/20																	
1.10.00		32-85)-Noise Barrier MM9 (bays 1-4)	o i duyo	04120/10/10	111112/20																	(
704	7.3.12.1	TTÁ, UU detection	2 days	Sat 26/10/19	Mon 28/10/19					R.												
705	7.3.12.2	relocate existing HKT, HGC & WTT cables (from	18 days	Tue 29/10/19	Mon 18/11/19					<b>*</b>												1
706	70400	ch50-185) - Not Yet Agreed		-																		( 1)
700	7312.3	saw cut & remove existing pavement	2 days	Tue 19/11/19	Wed 20/11/19					<b>₽</b>												
191		แางเลแ งกระชนุทธง	Judys	1110 21/11/19	100 20/11/19																	(
708	7.3.12.5	excavate and install rails and struts	5 days	Wed 27/11/19	Mon 2/12/19					5												
7700					_					L.												
709	7.3.12.6	concrete blinding layers for 4 bays	2 days	Mon 2/12/19	Tue 3/12/19					5												
710	7 3 12 8	IOTTIWORK TOF DASES OF AITERNATIVE TIRST TWO DAYS	∠ days	Tue 3/12/19	Wea 4/12/19					Ĵ.												
712 1	7.3.12.9	concrete and curing for two bases	∠ days 4 days	Thu 5/12/19	Mon 9/12/19																	
713 1	7.3.12.10	remove formwork	2 days	Mon 9/12/19	Tue 10/12/19																	
714	7.3.12.11	falsework and formwork for two walls	3 days	Tue 10/12/19	Thu 12/12/19					<b>F</b>												
715	7.3.12.12	steel fixing for two walls	6 days	Thu 12/12/19	Wed 18/12/19					×.												
716 1	7 3.12.13	close formwork for two walls	2 days	Wed 18/12/19	Thu 19/12/19					H												
712	7.3.12.14	concrete and curing for two walls	4 days	Thu 19/12/19	Mon 23/12/19					1												
719	7.3.12.16	remove ioniwork	∠ uays 2 dave	TUP 24/12/19	Fri 27/12/19					÷												
		bays	2 uays		()) 21/12/13																	
720	7.3.12.17	steel fixing for two bases	2 days	Fri 27/12/19	Sat 28/12/19					5												
721	7.3.12.18	concrete and curing for two bases	4 days	Sat 28/12/19	Thu 2/1/20					Ť												
722	7.3.12.19	remove formwork	2 days	Thu 2/1/20	Fri 3/1/20					Ň												
723	7.3.12.20	falsework and formwork for two walls	3 days	Fri 3/1/20	Mon 6/1/20																	
724	1.J. 1Z.Z I	steel lixing for two walls	o days	Won 6/1/20	Sat 11/1/20						1											
Sang Hi	ng Civil Cor	ntractors Company Limited							Page 15	/36										IV	√P(06) 20190531i	issued

Contra Devel	ect No. CV	/2017/02 Columbarium at Sandy Ridge Cemetery - Infrastruct	tural Work	s at Man Kam	To Road and L	d Lin Ma Hang Road
ID	WBS	Task Name	Duration	Start Date	Completion	2019
					Date	Jun         Jan         Aug         Mar         Oct         May         Dec         Jul         Feb         Sep           17         27         37         47         5         15         25         35         45         3         13         23         33         43         53         10         20         30         40         50         8         18         28         48         6         16         26         46         4 </th
725	17.3.12.22	close formwork for two walls	2 days	Sat 11/1/20	Mon 13/1/20	J J J J J J J J J J J J J J J J J J J
726	17.3.12.23	concrete and curing for two walls	4 days	Mon 13/1/20	Thu 16/1/20	
727	17.3.12.24	remove formwork	2 days	Fri 17/1/20	Sat 18/1/20	
728	17.3.12.25	backfill formation & SRT test	3 days	Mon 20/1/20	Wed 22/1/20	
729	17.3.12.26	excavate gully trench and gully not(s)	1 dav	Wed 22/1/20	Wed 22/1/20	
730	17.3.12.27	lav& connect gully pipes& construct gully pot(s)	2 davs	Thu 23/1/20	Fri 24/1/20	
731	17.3.12.28	lay kerb, sub-base	2 days	Wed 29/1/20	Thu 30/1/20	j li
732	17.3.12.29	sub-base SRT test	3 days	Fri 31/1/20	Mon 3/2/20	
733	17.3.12.30	DBM (Roadbase)	2 days	Tue 4/2/20	Wed 5/2/20	
734	17.3.12.31	base course and wearing course	2 days	Thu 6/2/20	Fri 7/2/20	
735	17.3.13	Phase II (stage 3)-south lane (chainage 85-138)	38 days	Sat 8/2/20	Mon 23/3/20	
730	17.3.13.1	TTA & UU detection	2 days	Sat 8/2/20	Mon 10/2/20	
151	11.0.10.2		z uays	100 11/2/20	Weu 12/2/20	
738	17.3.13.3	saw cut & remove existing pavement	2 days	Tue 11/2/20	Wed 12/2/20	o 👔 🖈
739	17.3.13.4	excavate pipe trench and manhole(s)	4 days	Thu 13/2/20	Mon 17/2/20	י די
740	17.3.13.5	lay pipes & construct manhole(s) & 1nr. DN100	7 days	Tue 18/2/20	Tue 25/2/20	
77.4.1	170.40.0	upvc duct for lighting	10 1.		141-1-44/0/00	
741	17.3.13.0	backfill pipe trench & SRT test	13 days	Wed 20/2/20	VVEQ 11/3/20	
743	17.3.13.8	sub-base SRT test	3 days	Sat 14/3/20	Tue 17/3/20	
744	17.3.13.9	DBM (Roadbase)	3 days	Wed 18/3/20	Fri 20/3/20	
745	17.3.13.10	base course and wearing course	2 days	Sat 21/3/20	Mon 23/3/20	
746	17.3.14	Phase II (stage 4)-north lane (chainage 85-138)-Noise Barrier MM10 (bays 1-4)	68 days	Tue 24/3/20	Wed 17/6/20	
747	17.3.14.1	TTA, UU detection	2 days	Tue 24/3/20	Wed 25/3/20	o fi
748	17.3.14.2	tree felling	2 days	Thu 26/3/20	Fri 27/3/20	$\mathbf{H}_{\mathbf{H}}$
240	170440			<b>T</b> I 00/0/00	E 1 07/0/00	
749	17.3.14.3	saw cut & remove existing pavement	2 days	Thu 26/3/20	Fri 27/3/20	
150	17.0.14.4	install sheetpiles	o uays	Sal 20/3/20	1110 2/4/20	
751	17.3.14.5	excavate and install rails and struts	5 days	Fri 3/4/20	Thu 9/4/20	
752	17.3.14.6	concrete blinding layers for 4 bays	2 days	Thu 9/4/20	Tue 14/4/20	
753	17.3.14.7	formwork for bases of alternative first two bays	2 days	Tue 14/4/20	Wed 15/4/20	
754	17.3.14.8	steel fixing for two bases	2 days	Wed 15/4/20	Thu 16/4/20	) i i i i i i i i i i i i i i i i i i i
755	17.3.14.9	concrete and curing for two bases	4 days	Thu 16/4/20	Mon 20/4/20	ר און און איז
756	17.3.14.10	remove formwork	2 days	Mon 20/4/20	Tue 21/4/20	
757	17.3.14.11	falsework and formwork for two walls	3 days	Tue 21/4/20	Thu 23/4/20	
750	17 3 14 13	steel fixing for two walls	b days	I NU 23/4/20	VVed 29/4/20	
760	17.3.14.13	close formwork for two walls	Z uays A davs	Sat 2/5/20	Sal 2/5/20 Wed 6/5/20	
761	17.3.14.15	remove formwork	2 days	Wed 6/5/20	Thu 7/5/20	
762	17.3.14.16	formwork for bases of alternative second two	2 days	Thu 7/5/20	Fri 8/5/20	
		bays				
763	17.3.14.17	steel fixing for two bases	2 days	Fri 8/5/20	Sat 9/5/20	
764	17.3.14.18	concrete and curing for two bases	4 days	Sat 9/5/20	Wed 13/5/20	
765	17.3.14.19	remove formwork for two wells	∠ days	Wed 13/5/20	1 nu 14/5/20 Sat 16/5/20	
767	17.3.14.20	raisework and formwork for two walls	5 uays 6 dave	Sat 16/5/20	Sat 10/3/20 Fri 22/5/20	
768	17.3.14.22	close formwork for two walls	2 days	Fri 22/5/20	Sat 23/5/20	
769	17.3.14.23	concrete and curing for two walls	4 days	Sat 23/5/20	Wed 27/5/20	ז 🕹 🕹 און ארא ארא ארא ארא ארא ארא ארא ארא ארא אר
770	17.3.14.24	remove formwork	2 days	Wed 27/5/20	Thu 28/5/20	
771	17.3.14.25	backfill formation & SRT test	9 days	Thu 28/5/20	Sat 6/6/20	l l l l l l l l l l l l l l l l l l l
700	17.0.11.00		0.1		T 0/0/00	
772	17 2 44 07	lay kerb, sub-base	2 days	Mon 8/6/20	Tue 9/6/20 Eri 12/6/20	
774	17.3.14.27	DBM (Roadhase)	2 dave	Sat 13/6/20	Mon 15/6/20	
775	17.3.14.29	base course and wearing course	2 days	Tue 16/6/20	Wed 17/6/20	
776	17.3.15	Phase II (stage 5)-south lane (chainage 138-190)	36 days	Thu 18/6/20	Fri 31/7/20	
777	17.3.15.1	TTA & UU detection	2 days	Thu 18/6/20	Fri 19/6/20	
778	17.3.15.2	tree felling	4 days	Sat 20/6/20	Wed 24/6/20	
770	173 15 3	cour out & remove aviating an instant	2 days	Tuo 22/6/20	Mod 24/6/20	
119	17.3.19.3	saw cut a remove existing pavement	2 days	Tue 23/0/20	weu 24/0/20	
Sang	ling Civil Co	ontractors Company Limited				Page 10/30

10     <	Contr Deve	act No. C opment of	V/2017/02 f Columbarium at Sandy Ridge Cemetery - Infrastructu	ural Works	s at Man Kam	To Road and L	in Ma Hang Road		Initial Works Programme (06)
Note	ID	WBS	Task Name	Duration	Start Date	Completion	Ŭ	2019	2024
98     98.0     <						Date	Jun 17 27 37 47	Jan Aug	Mar         Oct         May         Dec         Jul         Feb         Sep           35         45         3         13         23         33         43         53         10         20         30         40         50         8         18         28         28         48         6         16         26         26         46         4
III       III       III       III       III       III       III       IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	780	17.3.15.4	excavate pipe trench and manhole(s)	2 days	Fri 26/6/20	Sat 27/6/20			55 15 5 16 20 50 40 50 8 18 28 58 48 0 10 20 50 40 4
Image       Image <th< td=""><td>781</td><td>17.3.15.5</td><td>lay pipes &amp; construct manhole(s)</td><td>8 days</td><td>Mon 29/6/20</td><td>Wed 8/7/20</td><td></td><td></td><td></td></th<>	781	17.3.15.5	lay pipes & construct manhole(s)	8 days	Mon 29/6/20	Wed 8/7/20			
Party and	782	17.3.15.6	backfill formation & SRT test	12 days	Wed 8/7/20	Tue 21/7/20			
No. 10.10         Addee of The Ind         Apple of Apple         Apple of Ap	783	17.3.15.7	lay kerb, sub-base	2 days	Wed 22/7/20	Thu 23/7/20			the second s
Note	784	17.3.15.8	sub-base SRT test	3 days	Fri 24/7/20	Mon 27/7/20			ι, i i i i i i i i i i i i i i i i i i i
10       10 <td< td=""><td>785</td><td>17.3.15.9</td><td>DBM (Roadbase)</td><td>2 days</td><td>Tue 28/7/20</td><td>Wed 29/7/20</td><td></td><td></td><td>h i i i i i i i i i i i i i i i i i i i</td></td<>	785	17.3.15.9	DBM (Roadbase)	2 days	Tue 28/7/20	Wed 29/7/20			h i i i i i i i i i i i i i i i i i i i
Image: Note: Note	786	17.3.15.10	base course and wearing course	2 days	Thu 30/7/20	Fri 31/7/20			The second s
18         1.7 <th1.7< th=""> <th1.7< th=""> <th1.7< th=""></th1.7<></th1.7<></th1.7<>	787	17.3.16	Phase II (stage 6)-north lane (chainage 138-190)-Noise Barrier MM10 (bays 5-9)	85 days	Sat 1/8/20	Wed 11/11/20			
90       91 <th< td=""><td>788</td><td>17.3.16.1</td><td>TTA, UU detection</td><td>2 days</td><td>Sat 1/8/20</td><td>Mon 3/8/20</td><td></td><td></td><td>μ</td></th<>	788	17.3.16.1	TTA, UU detection	2 days	Sat 1/8/20	Mon 3/8/20			μ
No. 10.74       No. 40.4 shows with parson       Co. 50       No. 400	789	17.3.16.2	tree felling	2 days	Tue 4/8/20	Wed 5/8/20			
9       70 <th70< th="">       70       70       7</th70<>	790	17.3.16.3	saw cut & remove existing pavement	2 days	Tue 4/8/20	Wed 5/8/20			
20       70.40       excede and instantian and name       6.90       70.100       80.4000         20       70.40       porces for long for longs       5.90       70.200       for long for longs       for long for long for long for long for longs	791	17.3.16.4	install sheetpiles	6 days	Thu 6/8/20	Wed 12/8/20			
97       71.00       prover to frage types for haps       9.00       9.72.000	792	17.3.16.5	excavate and install rails and struts	6 days	Thu 13/8/20	Wed 19/8/20			ξ.
Image: Section of the same of derivative field by the same of derivatite field by the same of derivative field by the same of derivativ	793	17.3.16.6	concrete blinding layers for 5 bays	3 days	Wed 19/8/20	Fri 21/8/20			
No. 17.00       statefing to Joans       3.49       22.202       to 2.8020         No. 17.00       statefing to Joans       3.49       22.202       to 2.8020         No. 17.00       To 2.902       To 2.902 <thto 2.902<="" th=""> <thto 2.902<="" th=""> <t< td=""><td>794</td><td>17.3.16.7</td><td>formwork for bases of alternative first 3 bays</td><td>2 davs</td><td>Fri 21/8/20</td><td>Sat 22/8/20</td><td></td><td></td><td></td></t<></thto></thto>	794	17.3.16.7	formwork for bases of alternative first 3 bays	2 davs	Fri 21/8/20	Sat 22/8/20			
10       12.10       control or noting of shares       5.00       10.400 <td< td=""><td>795</td><td>17.3.16.8</td><td>steel fixing for 3 bases</td><td>3 davs</td><td>Sat 22/8/20</td><td>Tue 25/8/20</td><td></td><td></td><td></td></td<>	795	17.3.16.8	steel fixing for 3 bases	3 davs	Sat 22/8/20	Tue 25/8/20			
10       10 <td< td=""><td>796</td><td>17.3.16.9</td><td>concrete and curing for 3 bases</td><td>5 davs</td><td>Tue 25/8/20</td><td>Sat 29/8/20</td><td></td><td></td><td></td></td<>	796	17.3.16.9	concrete and curing for 3 bases	5 davs	Tue 25/8/20	Sat 29/8/20			
70       70.10       Statuction do concorte for 3 wells       4 dep       Tot 1002       F-4 de0         70       70.40       Statuction do concorte for 3 wells       3 dep       F-4 de0       F-4	797	17.3.16.10	remove formwork	3 days	Sat 29/8/20	Tue 1/9/20			
197       73.47       see fung 57 sunt sunt set sunt sunt set sunt sunt set sunt	798	17.3.16.11	falsework and formwork for 3 walls	4 days	Tue 1/9/20	Fri 4/9/20			
101       10141       costa mones for Subis       5 dip       Mones for Subis       6 dip       Mones for Subis	799	17.3.16.12	steel fixing for 3 walls	9 days	Fri 4/9/20	Mon 14/9/20			
101       12.14.14       concel calling for 3 walls       6.69       Well 58.02       12.28.02         101       12.14.17       memory for these 0.58       2.99       Well 28.02       Well 28.02 <td< td=""><td>800</td><td>17.3.16.13</td><td>close formwork for 3 walls</td><td>3 days</td><td>Mon 14/9/20</td><td>Wed 16/9/20</td><td></td><td></td><td>r i i i i i i i i i i i i i i i i i i i</td></td<>	800	17.3.16.13	close formwork for 3 walls	3 days	Mon 14/9/20	Wed 16/9/20			r i i i i i i i i i i i i i i i i i i i
Pite       Pite       Set of strip of traces allamide sacode       2 sign       Tue 2000       Tue	801	17.3.16.14	concrete and curing for 3 walls	6 days	Wed 16/9/20	Tue 22/9/20			
best         best <th< td=""><td>802</td><td>17.3.16.15</td><td>formwork for bases of alternative second two</td><td>2 days</td><td>Tue 22/9/20</td><td>Wed 23/9/20</td><td></td><td></td><td></td></th<>	802	17.3.16.15	formwork for bases of alternative second two	2 days	Tue 22/9/20	Wed 23/9/20			
101       1	000	17.0.40.40	bays		100/0/00	TI 0.4/0/00			
Ri       17.14.1       control and control for two base       4.29       16.2.40.2.40.2       1	803	17.3.16.16	steel fixing for two bases	2 days	Wed 23/9/20	Thu 24/9/20			
00       01.9.1.9.1       ethode formoulds       21.9.9       Mar 249.2       Us 249620         01       01.9.1.9.1       Ethode formoulds for two allow       23.9.9       F5.2.9.2       S8.1000         01       01.9.1.9.1       Ethode formoulds for two allow       23.9.9       F5.2.9.2       S8.1000         01       01.9.1.9.1       Ethode formoulds for two allow       24.9.9       F5.1002       S8.1000         01       01.9.1.9.1       Ethode formoulds for two allow       24.9.9       F5.1002       S8.1000         01       01.9.1.9.1       Ethode formoulds for two allow       24.9.9       F5.1002       S8.1000         01       01.9.1.9.2       Ethode formoulds for two allow       24.9.9       F5.1002       S8.10100         01       71.9.2       Ethode formoulds for two allow       24.9.9       F1.1002       F1.10020         01       71.9.2       Ethode formould for two allow       24.9.9       F1.10020       F1.10020       F1.10020         01       F1.2.9       F1.2.9       F1.10020       F1.100200       F1.100200       F1.100200 </td <td>804</td> <td>17.3.16.17</td> <td>concrete and curing for two bases</td> <td>4 days</td> <td>Thu 24/9/20</td> <td>Mon 28/9/20</td> <td></td> <td></td> <td></td>	804	17.3.16.17	concrete and curing for two bases	4 days	Thu 24/9/20	Mon 28/9/20			
81       71.41.45       Reference for works       3 dep       1.6 248/30       Set 211/20	805	17.3.16.18	remove formwork	2 days	Mon 28/9/20	Tue 29/9/20			
00/10/10/10/10/10/10/10/10/10/10/10/10/1	806	17.3.16.19	falsework and formwork for two walls	3 days	Tue 29/9/20	Sat 3/10/20			
am       1, 2, 1, 2       obse forwack for two winds       2, 4 by       F 1, 1, 12         am       1, 2, 1, 2       remove formach       2, 4 by       F 1, 1, 12         am       1, 2, 1, 2       remove formach       2, 4 by       F 1, 12       F 1, 12         am       1, 2, 1, 2       remove formach       2, 4 by       Wei 1, 4 1/102       F 1, 12         am       1, 2, 1, 2       remove formach       2, 4 by       Wei 1, 4 1/102       F 1, 12         am       1, 2, 1, 2       remove formach       2, 4 by       F 1, 12       F 1, 12         am       1, 2, 1, 2       1, 2, 1, 2       1, 2, 1, 2       1, 12       F 1, 12         am       1, 2, 1, 2       1, 2, 1, 2       1, 12       F 1, 12       F 1, 12         am       1, 2, 1, 2       1, 12       1, 12       F 1, 12       F 1, 12         am       1, 2, 1, 2       1, 12       F 1, 13       <	807	17.3.16.20	steel fixing for two walls	6 days	Sat 3/10/20	Fri 9/10/20			
av/line       1, 14, 22       concerte and uring for You values       4, 4dy       5, 4f (1, 10)         av/line       1, 14, 22       concerte and uring for You values       4, 4dy       5, 4f (1, 10)         av/line       1, 14, 22       badditionmators 6, SR1 test       12, 4dy       Tu 15, 102       Tu 25, 102         av/line       1, 14, 12       badditionmators 6, SR1 test       12, 4dy       Tu 15, 102       Tu 25, 102         av/line       1, 14, 12       14, 15, 102       Tu 24, 102       Tu 24, 102       Tu 24, 102         av/line       1, 14, 102       14, 102       Tu 15, 102       Tu 24, 102       Tu 15, 102         av/line       1, 14, 102       14, 102       Tu 15, 102       Tu 24, 102       Tu 15, 102         av/line       1, 14, 102       14, 102       14, 102       14, 102       14, 102         av/line       1, 142       14, 102       14, 102       14, 102       14, 102       14, 102         av/line       1, 142       1, 142       14, 102       14, 102       14, 102       14, 102       14, 102       14, 102       14, 102       14, 102       14, 102       14, 102       14, 102       14, 102       14, 102       14, 102       14, 102       14, 112       14, 112       14,	808	17.3.16.21	close formwork for two walls	2 days	Fri 9/10/20	Sat 10/10/20			
0.0       0.1       0.4       0	809	17.3.10.22	concrete and curing for two walls	4 days	Sat 10/10/20	Wed 14/10/20			
1872       13.48.35       excavele gully trend, and gully pol(s)       1 day       Th. 201020       Th. 201020       Set 311020         1873       17.48.25       lay keft, sub-see       2 day       Th. 201020       Set 311020         1875       17.3.48.3       sub-see Strate gully trend, and gully pol(s)       1 day       Th. 201020       Set 311020         1875       17.3.48.3       sub-see Strate gully trend, and gully pol(s)       1 day       Th. 201020       Set 311020         1875       17.3.48.3       sub-see Strate gully trend, and gully pol(s)       1 day       Th. 201020       Set 311020         1877       17.3.48.3       sub-see Curse and veering course       2 day       Turu 1011120       Wed 11120         1877       17.3.48.3       sub-see Curse and veering course       2 day       Turu 1011120       Wed 11120         1877       17.3.49.3       Base Curse and veering course       2 day       Turu 101120       Wed 11120       Turu 11120         1878       17.3.7.3       Base Curse and veering powenent       1 day       Turu 11120       Turu 11120       Turu 11120       Fu 121120	811	17.3.16.23	backfill formation & SRT test	2 days 12 days	Thu 15/10/20	Thu 15/10/20 Thu 29/10/20			
813       73.19.23       lags connect glub ypess construct glub ypets       3 dags       Thu 29/1000       St 31/1020         814       73.19.23       lags connect glub ypess construct glub ypets       3 dags       Not 29/1020       St 31/1020       Thu 29/1020       Thu	812	17.3.16.25	excavate gully trench and gully pot(s)	1 dav	Thu 29/10/20	Thu 29/10/20			
814       73.142       is yieth, sub-base       0 days       Mon 211.20       Tre 31120         15       73.16.30       Sub-base SNT lest       3 days       Sal7 11.10       Fre 311.02         16       73.16.30       DBM (Roatbase)       2 days       Sal7 11.10       Mon 911.20         17       73.16.30       DBM (Roatbase)       2 days       Sal7 11.10       Mon 911.20         17       73.16.30       DBM (Roatbase)       2 days       Sal7 11.10       Mon 911.20         17       73.16.30       DBM (Roatbase)       2 days       Sal7 11.10       Mon 911.20         18       73.17       Phase II (days 7-south law (chanage 0-32).Nois 3       Tay 11.10       Won 911.20         17       17.1.0       Loge chanage       1 day       Fn 1311.20       Fn 1311.20         17       17.1.0       save cla remove existing pavement       1 day       Fn 1311.20       Fn 1311.20         180       73.17.3       exocuta and install rais and struts       3 day       S days       Sal 20.112       Fi 1311.20         182       73.17.4       concrete binding layers for 2 bays       1 day       Fn 2011.20       Fn 2011.20       Fn 2011.20         183       73.17.5       concrete lain day 1 day       Fn 2011.	813	17.3.16.26	lav& connect gully pipes& construct gully pot(s)	3 davs	Thu 29/10/20	Sat 31/10/20			
815       73.16.26       wibbase SRT test       3 days       Wed 4/11/20       Fr 01/120         101       73.16.30       DBM (Roadbase)       2 days       St 1/120       Mon 11/20         101       73.16.30       DBM (Roadbase)       2 days       St 1/120       Mon 11/20         101       73.16.30       DBM (Roadbase)       2 days       Tu 1/120       Fn 15/121         101       73.17       Phase II (stape 7)-south lane (stainage 0-32)-Noise       S3 days       Tu 1/21/120       Fn 15/121         101       73.17       Tra, U detection       1 day       Fn 13/1120       Fn 13/1120         101       73.17       tra ef elling       1 day       Fn 13/1120       Fn 13/1120         102       73.17       saw cut & emove existing pavement       1 day       Fn 13/1120       Fn 19/1120         102       73.17       concrete binding layers for 2 bays       1 day       Fn 19/1120       Tu 19/1120         102       73.17       concrete binding layers for 2 bays       1 day       Fn 19/1120       Tu 19/1120         103       73.17       concrete binding layers for 2 bays       1 day       Fn 20/1120       Fn 20/1120         103       73.17       concrete and curing       2 days       St 21/12	814	17.3.16.27	lav kerb. sub-base	2 days	Mon 2/11/20	Tue 3/11/20			
816       72.48.29       DBM (Roadbase)       2 dys       Sta 71120       Mon 91120         917       73.430       base course and waining course       2 dys       Sta 71120       Mon 91120         917       73.430       base course and waining course       2 dys       Sta 71120       Mon 911100       Weil 1111/100         917       73.430       base course and waining course       2 dys       Sta 71120       Fil 15/121       Fil 15/121         918       73.471       TA, Ul detection       1 dy       Fil 13/1120       Fil 13/112	815	17.3.16.28	sub-base SRT test	3 days	Wed 4/11/20	Fri 6/11/20			
817       7.3.16.30       base ourse and wearing oourse       2.0.39       Tue 10/11/20       Wei 11/11/20         818       7.3.17       Prase III.45eq 7/south lane (chanage 0-32)-Nois       53 days       Tu 12/11/20       Fi 15/11/21         819       7.3.17.1       TTA, U detection       1 day       Fi 15/11/21       Ti 13/11/20       Fi 13/11/20       Ti 13/11/20         819       7.3.17.1       TTA, U detection       1 day       Fi 13/11/20       Fi 13/11/20       Ti 13/11/20         820       7.3.17.3       saw cut & remove existing pavement       1 day       Fi 13/11/20       Ti 13/11/20         821       7.3.17.3       saw cut & remove existing pavement       1 day       Fi 13/11/20       Ti 13/11/20         822       7.3.17.4       ocrorete bilinding layers for 2 bays       1 day       Ti 19/11/20       Tu 19/11/20         823       7.3.17.5       excovale and install raits and struts       3 days       Sat 14/11/20       Tu 19/11/20       Tu 19/11/20         824       7.3.17.5       excovale and install raits and struts       3 days       Sat 14/11/20       Tu 19/11/20       Tu 19/11/20         825       7.3.17.5       ocrorete bilinding layers for 2 bays       1 day       Ti 19/11/20       Fi 13/11/20       Fi 13/11/20	816	17.3.16.29	DBM (Roadbase)	2 days	Sat 7/11/20	Mon 9/11/20			
818       73.17       Phase II (stage 7-south and (chainage 0-32)-Noise 53 days Thu 12/11/20       Fin 15/1/21         819       77.3.17.1       TTA, UU detection       1 day       Thu 12/11/20       Fin 13/11/20         819       77.3.17.2       TTA, UU detection       1 day       Fin 13/11/20       Fin 13/11/20         820       r13.17.2       sew cut & remove existing pavement       1 day       Fin 13/11/20       Fin 13/11/20         821       r13.17.3       sew cut & remove existing pavement       1 day       Fin 13/11/20       Fin 13/11/20         822       r3.17.5       excavate and install rais and struts       3 days       Sat 14/11/20       Fin 13/11/20         823       r13.17.5       excavate and install rais and struts       3 days       Sat 14/11/20       Fin 13/11/20         824       r13.17.5       excavate and install rais and struts       3 days       Sat 14/11/20       Thu 19/11/20         825       r73.17.4       concrete bilinding layers for 2 bays       1 day       Thu 19/11/20       Thu 19/11/20         826       r13.17.0       remove formwork       1 day       Thu 28/11/20       Fin 20/11/20       Fin 20/11/20         826       r13.17.0       remove formwork       1 day       Thu 28/11/20       Thu 28/11/20       Fin	817	17.3.16.30	base course and wearing course	2 days	Tue 10/11/20	Wed 11/11/20			
Barrier MMS (bars 1-2)         919       71-317.2       tree feiling       1 day       Fi 13/11/20       Fi 13/11/20       Fi 13/11/20         820       77.317.2       tree feiling       1 day       Fi 13/11/20       Fi 13/11/20       Fi 13/11/20         821       77.317.4       instal isheetpiles       3 days       S at 14/11/20       Tu 19/11/20       Tu 19/11/20         823       77.317.5       excavate and instal rais and struts       3 days       S at 14/11/20       Tu 19/11/20         824       77.317.6       concrete binding layers for 2 bays       1 day       Fi 13/11/20       Fi 13/11/20         825       77.317.4       instal insta s and struts       3 days       S at 21/11/20       Tu 19/11/20         826       77.317.6       concrete binding layers for 2 bays       1 day       Fi 20/11/20       Fi 20/11/20         826       77.317.8       steel fixing for 1 base       2 days       S at 21/11/20       Fi 20/11/20         827       77.317.1       fasteen do uring       2 days       S at 28/11/20       Fi 20/11/20         828       77.317.1       fasteen do uring       2 days       S at 28/11/20       Fi 20/11/20         831       73.17.14       close formwork for 1 wall       2 days <t< td=""><td>818</td><td>17.3.17</td><td>Phase II (stage 7)-south lane (chainage 0-32)-Noise</td><td>53 days</td><td>Thu 12/11/20</td><td>Fri 15/1/21</td><td></td><td></td><td></td></t<>	818	17.3.17	Phase II (stage 7)-south lane (chainage 0-32)-Noise	53 days	Thu 12/11/20	Fri 15/1/21			
N19       N1-X1.11       TIA, U0 detection       1 day       In 12/11/20       In 19/11/20       I	010		Barrier MM5 (bays 1-2)		-	-			
BAD       If value       If v	819	17.3.17.1	TTA, UU detection	1 day	Thu 12/11/20	Thu 12/11/20			
821       r3.17.3       saw cut & remove existing pavement       1 day       Fri 13/11/20       Fri 13/11/20         822       r13.17.4       install sheetpiles       3 day       Sat 14/11/20       Tue 17/11/20         823       r3.17.5       excavate and install rails and struts       3 day       Tu 19/11/20       Tu 19/11/20         824       r13.17.6       concrete blinding layers for 2 bays       1 day       Tu 19/11/20       Fri 20/11/20         825       r13.17.7       formwork for base of the first bay       1 day       Fri 20/11/20       Fri 20/11/20         826       r13.17.8       steel fixing for 1 base       2 days       Sat 21/11/20       Mon 23/11/20         827       r13.17.0       remove formwork       1 day       Tu 26/11/20       Fri 20/11/20         828       r13.17.0       remove formwork for 1 wall       2 days       Sat 21/11/20       Mon 23/11/20         828       r13.17.0       remove formwork for 1 wall       2 days       Fri 27/11/20       Sat 28/11/20         829       r13.17.10       remove formwork for 1 wall       2 days       Fri 41/2/20       Fri 41/2/20         830       r13.17.4       concrete and curing       3 days       Sat 5/1/2/20       Tu 81/120         831       r13	620	17.3.17.2	tree telling	i day	FN 13/11/20	FN 13/11/20			
822       17.3.17.4       install sheetpiles       3 days       Sat 14/11/20       Tu e 17/11/20         823       17.3.17.5       excavate and install rails and struts       3 days       Tu e 17/11/20       Thu 19/11/20         824       17.3.17.6       concrete bilinding layers for 2 bays       1 day       Tu e 17/11/20       Thu 19/11/20         825       17.3.17.7       formwork for base       2 days       Sat 21/11/20       Thu 29/11/20         826       17.3.17.8       steel fixing for 1 base       2 days       Sat 21/11/20       Mon 23/11/20         827       17.3.17.9       concrete and curing       2 days       Tu 24/11/20       Won 23/11/20         828       17.3.17.10       remove formwork       1 day       Thu 29/11/20       Thu 29/11/20         828       17.3.17.1       falsework and formwork for 1 wall       2 days       Sat 28/11/20       Mon 23/11/20         830       17.3.17.1       concrete and curing       2 days       Mon 30/11/20       Thu 3/12/20         831       17.3.17.14       concrete and curing       3 days       Sat 51/12/20       Thu 3/12/20         831       17.3.17.4       concrete and curing       3 days       Sat 51/12/20       Thu 41/12/20         831       17.3.17.4	821	17.3.17.3	saw cut & remove existing pavement	1 day	Fri 13/11/20	Fri 13/11/20			
823 17.3.17.5 excavate and install rails and struts 3 days Tue 17/11/20 Thu 19/11/20   824 17.3.17.6 concrete blinding layers for 2 bays 1 day Thu 19/11/20 Thu 19/11/20   825 17.3.17.7 formwork for base of the first bay 1 day Fri 20/11/20   826 17.3.17.8 steel fixing for 1 base 2 days Sat 21/11/20   827 17.3.17.9 concrete and curing 2 days Tue 24/11/20   828 17.3.17.0 remove formwork 1 day Thu 26/11/20   829 17.3.17.1 falsework and formwork for 1 wall 2 days Fri 27/11/20   820 17.3.17.1 falsework and formwork for 1 wall 2 days Fri 27/11/20   821 17.3.17.1 falsework and formwork for 1 wall 2 days Fri 27/11/20   823 17.3.17.1 formwork 1 day Fri 27/11/20   824 17.3.17.2 steel fixing 4 days Mon 30/11/20   823 17.3.17.4 concrete and curing 3 days Sat 5/12/20   824 17.3.17.4 concrete and curing 3 days Sat 5/12/20   825 17.3.17.4 concrete and curing 3 days Sat 5/12/20   826 17.3.17.4 concrete and curing 3 days Sat 5/12/20   827 17.3.17.4 concrete and curing 3 days Sat 5/12/20   828 17.3.17.4 concrete and curing 3 days Sat 5/12/20   829 17.3.17.4 concrete and curing <	822	17.3.17.4	install sheetpiles	3 days	Sat 14/11/20	Tue 17/11/20			
824       17.3.17.6       concrete blinding layers for 2 bays       1 day       Thu 19/11/20       Thu 19/11/20       Fri 20/11/20         825       17.3.17.7       formwork for base of the first bay       1 day       Fri 20/11/20       Fri 20/11/20         826       17.3.17.8       steel fixing for 1 base       2 days       Sat 21/11/20       Mon 23/11/20         827       17.3.17.9       concrete and curing       2 days       Tu 26/11/20       Thu 26/11/20         828       17.3.17.10       remove formwork       1 day       Thu 26/11/20       Thu 26/11/20         829       17.3.17.11       falsework and formwork for 1 wall       2 days       Fri 21/11/20       Sat 26/11/20         820       17.3.17.1       close formwork       1 day       Thu 26/11/20       Thu 31/2/20         830       17.3.17.12       steel fixing       4 days       Mon 30/11/20       Thu 31/2/20         831       17.3.17.3       close formwork       1 day       Fri 4/12/20       Fri 4/12/20         832       17.3.17.4       concrete and curing       3 days       Sat 5/12/20       Tue 8/12/20         Sats       Linit Contractors Company Limited       Sat 5/12/20       Tue 8/12/20       Fri 4/12/20	823	17.3.17.5	excavate and install rails and struts	3 days	Tue 17/11/20	Thu 19/11/20			
with a concrete billing gress for 2 ways       1 day       Fit 20/11/20       Fit 20	824	173 176	concrete blinding layors for 2 hours	1 day	Thu 10/11/20	Thu 10/11/20			
17.3.17.8       steel fixing for 1 base       2 days       Sat 21/1/1/20       Non 23/11/20         827       17.3.17.9       concrete and curing       2 days       Tu 24/11/20       Wed 25/11/20         828       17.3.17.10       remove formwork       1 day       Thu 26/11/20       Thu 26/11/20         829       17.3.17.11       falsework and formwork for 1 wall       2 days       Fri 27/11/20       Sat 28/11/20         830       17.3.17.12       steel fixing       4 days       Mon 30/11/20       Thu 31/2/20         831       17.3.17.3       close formwork       1 day       Fri 4/12/20       Fri 4/12/20         831       17.3.17.4       concrete and curing       3 days       Sat 5/12/20       Tue 8/12/20         Sang Hing Civil Contractors Company Limited        Page 17/36       Page 17/36	825	17.3.17.7	formwork for base of the first bay	1 day	Fri 20/11/20	Fri 20/11/20			
827       17.3.17.9       concrete and curing       2 days       Tue 24/11/20       Wed 25/11/20         828       17.3.17.10       remove formwork       1 day       Thu 26/11/20       Thu 26/11/20         829       17.3.17.11       falsework and formwork for 1 wall       2 days       Fri 27/11/20       Sat 28/11/20         830       17.3.17.12       steel fixing       4 days       Mon 30/11/20       Thu 3/12/20         831       17.3.17.13       close formwork       1 day       Fri 4/12/20       Fri 4/12/20         832       17.3.17.14       concrete and curing       3 days       Sat 5/12/20       Tue 8/12/20         832       17.3.17.14       concrete and curing       3 days       Sat 5/12/20       Tue 8/12/20         831       17.3.17.14       concrete and curing       3 days       Sat 5/12/20       Tue 8/12/20         832       17.3.17.14       concrete and curing       3 days       Sat 5/12/20       Tue 8/12/20         833       17.3.17.14       concrete and curing       3 days       Sat 5/12/20       Tue 8/12/20         834       17.3.17.14       concrete and curing       3 days       Sat 5/12/20       Tue 8/12/20         836       17.3.17.14       concrete and curing       3 days </td <td>826</td> <td>17.3.17.8</td> <td>steel fixing for 1 base</td> <td>2 days</td> <td>Sat 21/11/20</td> <td>Mon 23/11/20</td> <td></td> <td></td> <td></td>	826	17.3.17.8	steel fixing for 1 base	2 days	Sat 21/11/20	Mon 23/11/20			
828       17.3.17.10       remove formwork       1 day       Thu 26/11/20       Thu 26/11/20 </td <td>827</td> <td>17.3.17.9</td> <td>concrete and curing</td> <td>2 days</td> <td>Tue 24/11/20</td> <td>Wed 25/11/20</td> <td></td> <td></td> <td></td>	827	17.3.17.9	concrete and curing	2 days	Tue 24/11/20	Wed 25/11/20			
829       17.3.17.11       falsework and formwork for 1 wall       2 days       Fri 27/11/20       Sat 28/11/20         830       17.3.17.12       steel fixing       4 days       Mon 30/11/20       Thu 3/12/20         831       17.3.17.13       close formwork       1 day       Fri 4/12/20       Fri 4/12/20         832       17.3.17.14       concrete and curing       3 days       Sat 5/12/20       Tue 8/12/20	828	17.3.17.10	remove formwork	1 day	Thu 26/11/20	Thu 26/11/20			
830       17.3.17.12       steel fixing       4 days       Mon 30/11/20       Thu 3/12/20         831       17.3.17.13       close formwork       1 day       Fri 4/12/20       Fri 4/12/20       Fri 4/12/20       Fri 4/12/20       Fri 4/12/20       Fri 4/12/20       Tue 8/12/20	829	17.3.17.11	falsework and formwork for 1 wall	2 days	Fri 27/11/20	Sat 28/11/20			
831       17.3.17.13       close formwork       1 day       Fri 4/12/20       Fr	830	17.3.17.12	steel fixing	4 days	Mon 30/11/20	Thu 3/12/20			
832       17.3.17.14       concrete and curing       3 days       Sat 5/12/20       Tue 8/12/20	831	17.3.17.13	close formwork	1 day	Fri 4/12/20	Fri 4/12/20			
Sang Hing Civil Contractors Company Limited Page 17/36	832	17.3.17.14	concrete and curing	3 days	Sat 5/12/20	Tue 8/12/20			
	Sang	Hing Civil C	Contractors Company Limited					Page 17	7/36 IWP(06) 20190531 issued

Deve	opment of	Columbarium at Sandy Ridge Cemetery - Infrastruc	tural Work	s at Man Kam	To Road and L	in Ma Hang.	Road												Initial Works Programme	(06)
D	WBS	Task Name	Duration	Start Date	Completion			2019	)										2024	
		A Sugar Aut			Date	Jun		Jan			Aug		Mar		Oct		May Dec	Jul Feb	Sep	
000						17 27	37	47	5 15	25	35	45 3	13	23	33 43	53	10 20 30 40 50	8 18 28 38 48 6	16 26 36 46	4
833	17.3 17 15	remove formwork	1 day	Wed 9/12/20	Wed 9/12/20											£				
834	17.3.17.16	formwork for base of the second bay	1 day	Thu 10/12/20	Thu 10/12/20											£111				
835	17.3.17.17	steel fixing	2 days	Fri 11/12/20	Sat 12/12/20											6				
836	17.3.17.18	concrete and curing	2 days	Mon 14/12/20	Tue 15/12/20											A I				
837	17.3.17.19	remove formwork	1 day	Wed 16/12/20	Wed 16/12/20															
838	17.3.17.20	falsework and formwork	2 days	Thu 17/12/20	Fri 18/12/20											M				
839	17.3.17.21	steel fixing	4 days	Sat 19/12/20	Wed 23/12/20											•				
840	17.3.17.22	close formwork	1 day	Thu 24/12/20	Thu 24/12/20											<b>F</b>				
841	17.3.17.23	concrete and curing	3 days	Mon 28/12/20	Wed 30/12/20											5				
842	17.3.17.24	remove formwork	1 day	Wed 30/12/20	Wed 30/12/20											5				
843	17.3.17.25	backfill formation & SRT test	3 days	Wed 30/12/20	Sat 2/1/21											1				
844	17.3.17.26	excavate pipe trench and manhole(s)	1 day	Sat 2/1/21	Sat 2/1/21											H.				
845	17.3.17.27	lay pipes & construct manhole(s)	2 days	Mon 4/1/21	Tue 5/1/21											Ŧ				
916	17 3 17 30	healify famostics & OPT test	0	T	T 514/04															
040	17.3.17.20	backfill formation & SRT test	0 days	Tue 5/1/21	Tue 5/1/21											5/1	1			
047	17.3.17.29	lay kerb, sub-base	2 days	Wed 6/1/21	1 nu 7/1/21											1 1				
040	17.3.17.30	SUD-Dase SRT test	3 days	Fri 8/1/21	Mon 11/1/21															
849	17.3.17.31	DBM (Roadbase)	2 days	lue 12/1/21	Wed 13/1/21											E				
850	17.3.17.32	base course and wearing course	2 days	Thu 14/1/21	Fri 15/1/21											H K				
851	17.3.18	Phase II (stage 8)-north lane (chainage 0-32)	16 days	Sat 16/1/21	Wed 3/2/21											世				
852	17.3.18.1	TTA & UU detection	1 day	Sat 16/1/21	Sat 16/1/21											L.				
803	17.3.18.2	tree felling	3 days	Mon 18/1/21	Wed 20/1/21							1 × 11				É				
854	17.3 18.3	saw cut & remove existing pavement	2 days	Tue 19/1/21	Wed 20/1/21											E				
855	17.3.18.4	excavate gully trench and gully pot(s)	1 day	Wed 20/1/21	Wed 20/1/21															
856	17.3.18.5	lay& connect gully pipes& construct gully pot(s)	2 days	Wed 20/1/21	Thu 21/1/21											h				
857	17.3.18.6	backfill formation & SRT test	3 days	Thu 21/1/21	Sat 23/1/21											1 K				
858	17.3.18.7	lay kerb, sub-base	2 days	Mon 25/1/21	Tue 26/1/21											Г.				
859	17.3.18.8	sub-base SRT test	3 days	Wed 27/1/21	Fri 29/1/21											l F				
860	17.3.18.9	DBM (Roadbase)	2 days	Sat 30/1/21	Mon 1/2/21											l i				
861	17.3.18.10	base course and wearing course	2 days	Tue 2/2/21	Wed 3/2/21															
862	17.3.19	Noise Barrier MM8 (bays 1-3)	140 days	Sat 1/8/20	Mon 18/1/21									-						- 1
863	17.3.19.1	construct alternative route to close the existing road	30 days	Sat 1/8/20	Fri 4/9/20									-	h					
864	17.3.19.2	TTA road closure, UU detection	2 days	Sat 5/9/20	Mon 7/9/20									1 1	*					
865	17.3.19.3	remove existing pavement	4 days	Tue 8/9/20	Fri 11/9/20															
866	17.3.19.4	install sheetpiles	3 days	Sat 12/9/20	Tue 15/9/20										*					
867	17.3.19.5	excavate and install rails and struts	2 days	Wed 16/9/20	Thu 17/9/20										ň					
868	17.3.19.6	concrete blinding layers for 3 bays	3 days	Fri 18/9/20	Mon 21/9/20										r.					
869	17.3.19.7	formwork for 2 bases	3 davs	Tue 22/9/20	Thu 24/9/20										<b>F</b>					
870	17.3.19.8	steel fixing for 2 bases	4 davs	Fri 25/9/20	Tue 29/9/20															
871	17.3.19.9	concrete and curing for 2 bases	5 davs	Wed 30/9/20	Wed 7/10/20										T I					
872	17.3.19.10	remove formwork for 2 bases	3 days	Thu 8/10/20	Sat 10/10/20										*					
873	17.3.19.11	falsework and formwork for 2 walls	4 days	Mon 12/10/20	Thu 15/10/20															
874	17.3.19.12	steel fixing for 2 walls	10 days	Fri 16/10/20	Wed 28/10/20										1					
875	17.3.19.13	close formwork for 2 walls	4 days	Thu 29/10/20	Mon 2/11/20															
876	17.3.19.14	concrete and curing for 2 walls	6 days	Tue 3/11/20	Mon 9/11/20															
877	17.3.19.15	remove formwork for 2 walls	4 days	Tue 10/11/20	Fri 13/11/20															
878	17.3.19.16	formwork for base of the second 1 bay	2 days	Sat 14/11/20	Mon 16/11/20										÷					
879	17.3.19.17	steel fixing	2 days	Tue 17/11/20	Wed 18/11/20															
880	17.3.19.18	concrete and curing	2 days	Thu 10/11/20	Sat 21/11/20										2					
881	17.3 19 19	remove formwork	2 days	Mon 23/11/20											2					
882	17.3.19.20	falsework and formwork for wall	2 days	Mod 25/11/20	Eri 27/11/20										7					
883	17 3 10 21	etaal fixing	5 days	Sat 28/11/20	Thu 3/12/20															
884	17 3 10 22	close formwork	2 days	Eri //12/20	Sat 5/12/20															
885	17 3 10 22		∠ uays	FII 4/12/20 Mon 7/10/00	Odl 0/12/20															
886	17 3 10 94		4 days	WOT //12/20	1110 10/12/20															
000	17.3.19.24	remove tormwork	∠ days	FIT 11/12/20	Sat 12/12/20															
00/	17.3.19.23	Dackiiii lo iomation	i∠ days	won 14/12/20	rue 29/12/20															
888	17.3.19.26	lay kerb, sub-base	2 days	Tue 29/12/20	Wed 30/12/20											*				
889	17.3.19.27	sub-base SRT test	3 days	Wed 30/12/20	Sat 2/1/21											3				
Sang	ling Civil C	ontractors Company Limited								Pa	age 18/36								TWD/04\ 2/\100521:	uad
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Cor	ntract No. C	V/2017/02 f Columbarium at Sandy Ridge Cemetery - Infrastruct	tural Work	s at Man Kam	To Road and L	n Ma Hang Road
ID	WBS	Task Name	Duration	Start Date	Completion	2019 2024
					Date	Jun         Jan         Aug         Mar         Oct         May         Dec         Jul         Feb         Sep           17         27         37         47         5         15         25         35         45         3         13         23         33         43         53         10         20         30         40         50         8         18         28         38         48         6         16         26         36         46         4
89	0 17.3.19.28	concrete pavement	14 days	Sat 2/1/21	Mon 18/1/21	
89	1 17.3.20	Street lighting (drawpits, abandon existing public lighting & cable, 100uPVC ducts) (ch0-435)	21 days	Mon 14/12/20	Sat 9/1/21	
89	2 17.3.21	tree planting	3 days	Mon 11/1/21	Wed 13/1/21	
89	3 17.3.22	Street furniture & construction of footpath (ch0-435)	22 days	Sat 9/1/21	Wed 3/2/21	
89	4 17.3.23	Phase Ia (stage 101)-south lane (chainage 633-685)	20 days	Sat 10/11/18	Mon 3/12/18	
89	5 17.3.23.1	TTA & UU detection	2 days	Sat 10/11/18	Mon 12/11/18	94
89	6 17.3.23.2	saw cut & remove existing pavement	2 days	Tue 13/11/18	Wed 14/11/18	T I I I I I I I I I I I I I I I I I I I
89	/ 17.3.23.3	excavate pipe trench and manhole(s)	2 days	1 hu 15/11/18	Fn 16/11/18	
89	8 17.3.23.4	lay pipes & construct manhole(s)	5 days	Sat 17/11/18	Thu 22/11/18	
89	9 17.3.23.5	backfill formation & SRT test	0 days	Thu 22/11/18	Thu 22/11/18	22/11
90	17.3.23.0	lay kerb, sub-base	2 days 3 days	Fri 23/11/18 Mon 26/11/18	Sat 24/11/18 Wed 28/11/18	
90	2 17.3.23.8	DBM (Roadbase)	2 days	Thu 29/11/18	Fri 30/11/18	
90	3 17.3.23.9	base course and wearing course	2 days	Sat 1/12/18	Mon 3/12/18	र्द
90	4 17.3.24	Phase Ia (stage 102)-north Iane (chainage 633-685)	16 days	Tue 4/12/18	Fri 21/12/18	H
90	5 17.3.24.1	TTA & UU detection	2 days	Tue 4/12/18	Wed 5/12/18	
90	6 17.3.24.2	tree felling	2 days	Thu 6/12/18	Fri 7/12/18	
90	7 17.3.24.3	saw cut & remove existing pavement	2 days	Thu 6/12/18	Fri 7/12/18	
90	8 17.3.24.4	excavate gully trench and gully pot(s)	1 day	Sat 8/12/18	Sat 8/12/18	
90	9 17.3.24.5	lay& connect gully pipes& construct gully pot(s)	2 days	Mon 10/12/18	Tue 11/12/18	
91	1 17.3.24.0	lay kerb, sub-base	2 days 3 days	Wed 12/12/18 Fri 14/12/18	Mon 17/12/18	
91	2 17.3.24.8	DBM (Roadbase)	2 days	Tue 18/12/18	Wed 19/12/18	
91	3 17.3.24.9	base course and wearing course	2 days	Thu 20/12/18	Fri 21/12/18	
91	4 17.3.25	Phase la (stage 103)-south lane (chainage 685-740)	25 days	Sat 22/12/18	Wed 23/1/19	
91	5 17.3.25.1	TTA & UU detection	2 days	Sat 22/12/18	Mon 24/12/18	5
91	6 17.3.25.2	tree transplant	1 day	Thu 27/12/18	Thu 27/12/18	F
91	7 17.3.25.3	saw cut & remove existing pavement	2 days	Fri 28/12/18	Sat 29/12/18	l și l l l l l l l l l l l l l l l l l l
91	8 17.3.25.4	excavate pipe trench and manhole(s)	2 days	Mon 31/12/18	Wed 2/1/19	
91	9 17.3.25.5	lay pipes & construct manhole(s)	6 days	Thu 3/1/19	Wed 9/1/19	ζ.
92	0 17.3.25.6	backfill formation & SRT test	3 days	Thu 10/1/19	Sat 12/1/19	$\mathbf{F}$
92	2 17.3.25.8	iay kerb, sub-base sub-base SRT test	∠ days 3 days	Wed 16/1/19	Fri 18/1/19	
92	3 17.3.25.9	DBM (Roadbase)	2 days	Sat 19/1/19	Mon 21/1/19	
92	4 17.3.25.10	base course and wearing course	2 days	Tue 22/1/19	Wed 23/1/19	
92	5 17.3.26	Phase Ia (stage 104)-north lane (chainage 685-740)	17 days	Thu 24/1/19	⊢ri 15/2/19	
92	6 17.3.26.1	TTA & UU detection	2 days	Thu 24/1/19	Fri 25/1/19	
92	/ 17.3.26.2	saw cut & remove existing pavement	2 days	Sat 26/1/19	Mon 28/1/19	
92	9 17.3.26.4	excavate guily trench and guily pot(s) lay & connect gully pipes & construct gully pot(s)	3 davs	Wed 30/1/19	Fri 1/2/19	
93	0 17.3.26.5	lay kerb, sub-base	2 days	Sat 2/2/19	Mon 4/2/19	
93	1 17.3.26.6	sub-base SRT test	3 days	Fri 8/2/19	Mon 11/2/19	
93	2 17.3.26.7	DBM (Roadbase)	2 days	Tue 12/2/19	Wed 13/2/19	
93	4 17.3.20.8	Phase Ia (stage 105)-south lane (chainage 740-790)	∠ days 24 days	Sat 16/2/19	Fri 15/3/19	
02	5 17 2 27 4	TTA 8 LUL detection	) dave	Sat 16/0140	Man 19/2/40	
93	6 17.3.27.1	tree felling	∠ days 2 days	Tue 19/2/19	Wed 20/2/19	
03	7 17 3 27 3	saw cut & remove existing novement	2 dave	Tue 10/2/10	Wed 20/2/10	
93	8 17.3.27.4	excavate pipe trench and manhole(s)	2 days 2 days	Thu 21/2/19	Fri 22/2/19	
Sar	a Hina Civil (	Contractors Company Limited				Page 19/36 TWP//Ki 2010053 Licensed
Jai		······································				

Contr Devel	act No. C\ opment of	//2017/02 Columbarium at Sandy Ridge Cemetery - Infrastruct	tural Work	s at Man Kam	To Road and	nd Lin Ma Hang Road
ID	WBS	Task Name	Duration	Start Date	Completion	on 2019 2019
					Date	Jun         Jan         Aug         Mar         Oct         May         Dec         Jul         Feb         Sep
939	17.3.27.5	lay pipes & construct manhole(s)	6 days	Sat 23/2/19	Fri 1/3/19	9 11 21 51 41 5 15 25 35 45 5 15 25 55 45 55 10 20 30 40 50 8 18 28 38 48 6 16 26 36 46
040	470.07.0			0.00000		
940	17.3.27.0	backfill formation & SRT test	3 days	Sat 2/3/19 Wod 6/3/10	Tue 5/3/19	
942	17.3.27.8	sub-base SRT test	2 days 3 days	Fri 8/3/19	Mon 11/3/19	
943	17.3.27.9	DBM (Roadbase)	2 days	Tue 12/3/19	Wed 13/3/19	
944	17.3.27.10	base course and wearing course	2 days	Thu 14/3/19	Fri 15/3/19	9
945	17.3.28	Phase la (stage 106) north lane (chainage 740-790)	17 days	Sat 16/3/19	Thu 4/4/19	9
946	17.3.28.1	TTA & III I detection	2 days	Sat 16/3/10	Mon 18/3/10	10
947	17.3.28.2	tree felling	2 days 2 days	Tue 19/3/19	Wed 20/3/19	
			, .			
948	17.3.28.3	saw cut & remove existing pavement	2 days	Tue 19/3/19	Wed 20/3/19	19
949	17.3.28.4	excavate gully trench and gully pot(s)	1 day	Thu 21/3/19	Thu 21/3/19	
950	17.3.28.6	lay& connect guily pipes& construct guily pot(s)	3 days 2 days	Ffi 22/3/19 Tue 26/3/10	Mon 25/3/19	
952	17.3.28.7	sub-base SRT test	2 days 3 days	Thu 28/3/19	Sat 30/3/19	
953	17.3.28.8	DBM (Roadbase)	2 days	Mon 1/4/19	Tue 2/4/19	9
954	17.3.28.9	base course and wearing course	2 days	Wed 3/4/19	Thu 4/4/19	9
955	17.3.29	Phase Ia stage 107)-south lane (chainage 790-840)	21 days	Sat 6/4/19	Sat 4/5/19	9
956	17.3.29.1	TTA & LILI detection	2 days	Sat 6/4/19	Mon 8/4/19	
957	17.3.29.2	tree felling	2 days	Tue 9/4/19	Wed 10/4/19	19
0.50						
958	17.3.29.3	saw cut & remove existing pavement	2 days	Tue 9/4/19	Wed 10/4/19	
939	17.3.29.4	excavate pipe trench and manhole(s)	2 days	Thu 11/4/19	Fri 12/4/19	9
960	17.3.29.5	lay pipes & construct manhole(s)	6 days	Sat 13/4/19	Tue 23/4/19	19
	- 194		,			
961	17.3.29.6	backfill formation & SRT test	0 days	Tue 23/4/19	Tue 23/4/19	19
962	17.3.29.7	lay kerb, sub-base	2 days	Wed 24/4/19	Thu 25/4/19	
964	17.3.29.9	DBM (Roadbase)	3 days 2 days	Tue 30/4/19	Thu 2/5/19	
965	17.3.29.10	base course and wearing course	2 days	Fri 3/5/19	Sat 4/5/19	9
966	17.3.30	Phase Ia (stage 108)-north Iane (chainage 790-840)	29 days	Mon 6/5/19	Mon 10/6/19	19
967	17.3.30.1	TTA & UU detection	2 days	Mon 6/5/19	Tue 7/5/19	9
968	17.3.30.2	relocate existing HGC & WTT cables- not yet	12 days	Wed 8/5/19	Wed 22/5/19	19
969	17.3.30.3	saw cut & remove existing pavement	2 days	Thu 23/5/19	Fri 24/5/19	9
970	17.3.30.4	excavate gully trench and gully pot(s)	1 day	Sat 25/5/19	Sat 25/5/19	19
971	17.3.30.5	lay& connect gully pipes& construct gully pot(s)	3 days	Mon 27/5/19	Wed 29/5/19	19
972	17.3.30.6	lay kerb, sub-base	2 days	Thu 30/5/19	Fri 31/5/19	9
973	17.3.30.7	sub-base SRT test	3 days	Sat 1/6/19	Tue 4/6/19	
975	17.3.30.9	base course and wearing course	2 days 2 days	Sat 8/6/19	Mon 10/6/19	
976	17.3.31	Phase Ia (stage 109)-south lane (chainage 840-890)	31 days	Tue 11/6/19	Wed 17/7/19	19
0.75						
977	17.3.31.1	TTA & UU detection	2 days	Tue 11/6/19	Wed 12/6/19	
970	17.3.31.2	REPORT FOR A CADIES SOUTH LANE TROM CHAINAGE	6 days	Thu 13/6/19	Wed 19/6/19	19
979	17.3.31.3	tree felling	5 davs	Thu 20/6/19	Tue 25/6/19	9
		U U				
980	17.3.31.4	saw cut & remove existing pavement	2 days	Mon 24/6/19	Tue 25/6/19	9
981	17.3.31.5	excavate pipe trench and manhole(s)	2 days	Wed 26/6/19	Thu 27/6/19	9
982	17.3.31.6	lay pipes & construct manhole(s)	7 davs	Fri 28/6/19	Sat 6/7/19	
CHECKE						
983	17.3.31.7	backfill formation & SRT test	0 days	Sat 6/7/19	Sat 6/7/19	
984	17.3.31.8	lay kerb, sub-base	2 days	Mon 8/7/19	Tue 9/7/19	
986	17.3.31.9	SUD-DASE SKI IESI DBM (Roadbase)	ა days 2 days	vvea 10///19 Sat 13/7/10	FII 12///19 Mon 15/7/10	
987	17.3.31.11	base course and wearing course	2 days	Tue 16/7/19	Wed 17/7/19	
988	17.3.32	Phase Ia (stage 110)-north Iane (chainage 840-890)	18 days	Thu 18/7/19	Wed 7/8/19	9
000	17.0.00 /			<b>T</b> I 10 TO 10		
989	17.3.32.1	I I A & UU detection	2 days	Thu 18/7/19	Fri 19/7/19	
0						
Sang F	ling Civil Co	oniraciors Company Limited				Page 20/36

Contr	act No. C	//2017/02 Columbarium at Sandy Ridge Cemetery - Infrastruc	tural Work	s at Man Kam '	To Road and I	Initial Works Programme (06)
Devel	wpe	That Name	Duration	Start Date	Completion	2019
ID.	W DO	lask Ivanie	Duration	Start Date	Date	Jun Jan Aug Mar Oct May Dec Jul Feb Sep
						17 27 37 47 5 15 25 35 45 3 13 23 33 43 53 10 20 30 40 50 8 18 28 38 48 6 16 26 36 46 4
990	17.3.32.2	tree felling	3 days	Sat 20/7/19	Tue 23/7/19	
991	17.3.32.3	saw cut & remove existing pavement	2 days	Mon 22/7/19	Tue 23/7/19	
992	17.3.32.4	excavate gully trench and gully pot(s)	1 day	Wed 24/7/19	Wed 24/7/19	9
993	17.3.32.5	lay& connect gully pipes& construct gully pot(s)	3 days	Thu 25/7/19	Sat 27/7/19	
994	17.3.32.6	lay kerb, sub-base	2 days	Mon 29/7/19	Tue 30/7/19	
995	17.3.32.7	sub-base SRT test	3 days	Wed 31/7/19	Fri 2/8/19	
996	17.3.32.8	DBM (Roadbase)	2 days	Sat 3/8/19	Mon 5/8/19	
997	17.3.32,9	base course and wearing course	2 days	Tue 6/8/19	Wed 7/8/19	
998	17.3.33	Phase III (stage 1)-south lane (chainage 435-490)	20 days	Thu 8/8/19	Fri 30/8/19	
999	17.3.33.1	TTA & UU detection	2 days	Thu 8/8/19	Fri 9/8/19	
1000	17.3.33.2	tree felling	3 days	Sat 10/8/19	Tue 13/8/19	$\Theta$
1001	17.3.33.3	saw cut & remove existing pavement	2 days	Mon 12/8/19	Tue 13/8/19	9
1002	17.3 33.4	excavate pipe trench and manhole(s)	2 days	Wed 14/8/19	Thu 15/8/19	9
1003	17.3.33.5	lay pipes & construct manhole(s)	4 days	Fri 16/8/19	Tue 20/8/19	9
				_		
1004	17.3.33.6	backfill formation & SRT test	0 days	Tue 20/8/19	Tue 20/8/19	9
1005	17.3.33.7	lay kerb, sub-base	2 days	Wed 21/8/19	Thu 22/8/19	
1006	17.3.33.8	sub-base SRT test	3 days	Fri 23/8/19	Mon 26/8/19	9
1007	17.3.33.9	DBM (Roadbase)	2 days	Tue 27/8/19	Wed 28/8/19	9
1008	17.3.33.10	base course and wearing course	2 days	Thu 29/8/19	Fri 30/8/19	
1009	17.3.34	Phase III (stage 2)-north lane (chainage 435-490)	16 days	Sat 31/8/19	Thu 19/9/19	9
1010	17.3.34.1	TTA & UU detection	2 days	Sat 31/8/19	Mon 2/9/19	
1011	17.3.34.2	tree felling	2 days	Tue 3/9/19	Wed 4/9/19	
1012	17.3.34.3	saw cut & remove existing pavement	2 days	Tue 3/9/19	Wed 4/9/19	
1013	17.3.34.4	excavate gully trench and gully pot(s)	1 day	Thu 5/9/19	Thu 5/9/19	
1014	17.3.34.5	lay& connect gully pipes& construct gully pot(s)	2 days	Fri 6/9/19	Sat 7/9/19	
1015	17.3.34.6	lay kerb, sub-base	2 days	Mon 9/9/19	Tue 10/9/19	9
1016	17.3.34.7	sub-base SRT test	3 days	Wed 11/9/19	Fri 13/9/19	
1017	17.3.34.8	DBM (Roadbase)	2 days	Mon 16/9/19	Tue 17/9/19	9
1018	17.3.34.9	base course and wearing course	2 days	Wed 18/9/19	Thu 19/9/19	9
1019	17.3.35	Phase III (stage 3)-south lane (chainage 490-540)	34 days	Fri 20/9/19	Thu 31/10/19	9
1020	17.3.35.1	TTA & UU detection	3 days	Fri 20/9/19	Mon 23/9/19	9
1021	17.3.35.2	tree felling	9 days	Tue 24/9/19	Fri 4/10/19	
1022	17.3.35.3	saw cut & remove existing pavement	2 days	Thu 3/10/19	Fri 4/10/19	
1023	17.3.35.4	excavate pipe trench and manhole(s)	3 days	Sat 5/10/19	Wed 9/10/19	9
1024	17.3.35.5	lay pipes & construct manhole(s)	6 days	Thu 10/10/19	Wed 16/10/19	19
1000						
1025	17.3.35.6	backfill formation & SRT test	0 days	Wed 16/10/19	Wed 16/10/19	
1026	17.3.35.7	lay kerb, sub-base	3 days	1 nu 17/10/19	Sat 19/10/19	
1027	17.3.35.8	SUD-DASE SKI test	3 days	Non 21/10/19	vvea 23/10/19	
1028	17 2 25 40	DBM (KOADDASE)	3 days	1110 24/10/19 Mon 20/40/40	Sat 20/10/19	
1029	17.3.35.10	Dase course and wearing course	4 days	NOT 28/10/19	110 31/10/19	
1030	17 2 26 4	Priase III (stage 4)-north lane (chainage 490-540)	1/ days	FILO/11/19	Weg 27/11/19	
1031	17 2 26 2		ວ days	FILO/11/19	Wed 12/11/19	
1032	17.3.30.2	saw cut & remove existing pavement	∠ days	Tue 12/11/19	Wed 13/11/19	
1033	17.0.00 4	excavate guily trench and guily pot(s)	U days	vvea 13/11/19	wed 13/11/19	
1034	17.3.36.4	lay& connect gully pipes& construct gully pot(s)	U days	vved 13/11/19	vved 13/11/19	
1035	17.3.36.5	lay kerb, sub-base	2 days	1nu 14/11/19	Fn 15/11/19	
1030	17 2 26 7		ວ days	Sat 10/11/19	Tue 19/11/19	
1037	17.3.30./	DBM (Koaddase)	ວ days	Weu 20/11/19	FII 22/11/19	
1038	17.3.30.0	Dase course and wearing course	4 days	Sat 25/11/19	Weu 2//11/19	
1039	17 2 27 4	Phase III (stage 5)-south lane (chainage 540-590)	∠9 days	Thu 28/11/19	FII 3/1/20	
1040	17.3.3/.1		o days	1110 20/11/19 Mon 0/40/40	Sat 30/11/19	
1041	17 2 27 2	saw cut a remove existing pavement	∠ days	Wod 4/12/19	TUE 3/12/19 Sat 7/10/10	
1042	11.3.31.3	excavate pipe trench and mannole(s)	4 days	weu 4/12/19	odi //12/19	
1042	17 2 27 4	low nince & construct manhale(a)	8 days	Mon 0/12/10	Tue 17/19/10	
1043	17.3.37.4	lay pipes & construct mannole(s)	o days	WOT 9/12/19	Tue 17/12/19	
1044	17 3 37 5	backfill formation & SPT test	0 dave	Tue 17/12/10	Tue 17/19/10	9
1044	17.3 37 6	lav kerth suit-hase	3 dave	Wed 18/12/10	Fri 20/12/19	
1040			Judys	100 10/12/18	11120112113	
Sang	⊣ing Civil C	contractors Company Limited				Fage 2 //30

Contract No.	CV/2017/02	

Contra Devel	opment of	//2017/02 <sup>-</sup> Columbarium at Sandy Ridge Cemetery - Infrastruc	tural Work	s at Man Kam	To Road and Li	in Ma Hang R	oad																		Initia	Works Progra	ımme (06)
ID	WBS	Task Name	Duration	Start Date	Completion			2019																			0001
					Date	Jun		Jan		Au	g	Ma	ar		Oct		M	av		Dec		Inl		Feb		San	2024
1014						17 27	37	47	5 15	25	35 45	5 3	13	23 33	3 43	53	10	20 3	0 40	50	8 18	28	38 4	8 6	16 26	36 46	4
1040	17.3.37.7	sub-base SRT test	3 days	Sat 21/12/19	Tue 24/12/19							6															
1047	17.3.37.8	DBM (Roadbase)	3 days	Fri 27/12/19	Mon 30/12/19							6															1 1
1040	17339	Dase course and wearing course	3 days	Tue 31/12/19	Fri 3/1/20							ň															
1049	17 3 38 1	Phase III (stage 6)-north lane (chainage 540-590)	22 days	Sat 4/1/20	Sat 1/2/20							1															
1051	17.3.30.1	troe felling	3 days	Sat 4/1/20	Tue //1/20							-															
1051	17.0.00.2	tree leaning	z uays	Wed 0/1/20	1 nu 9/1/20							や															
1052	17 3.38 3	saw cut & remove existing pavement	2 days	Wed 8/1/20	Thu 9/1/20							3															
1053	17.3 38.4	excavate gully trench and gully pot(s)	2 days 2 days	Fri 10/1/20	Sat 11/1/20							1															
1054	17.3.38.5	lav& connect gully pipes& construct gully pot(s)	3 days	Mon 13/1/20	Wed 15/1/20							-															
1055	17.3.38.6	lav kerb, sub-base	3 days	Thu 16/1/20	Sat 18/1/20																						
1056	17.3.38.7	sub-base SRT test	3 days	Mon 20/1/20	Wed 22/1/20																						
1057	17.3.38.8	DBM (Roadbase)	3 davs	Thu 23/1/20	Wed 29/1/20							1															
1058	17.3.38.9	base course and wearing course	3 days	Thu 30/1/20	Sat 1/2/20				1																		
1059	17.3.39	Phase III (stage 7)-south lane (chainage 590-633)	29 days	Tue 4/2/20	Sat 7/3/20							-															
1060	17.3.39.1	TTA & UU detection	3 days	Tue 4/2/20	Thu 6/2/20							The second se															
1061	17.3.39.2	saw cut & remove existing pavement	3 days	Fri 7/2/20	Mon 10/2/20							<b>K</b>															
1062	17.3.39.3	excavate pipe trench and manhole(s)	3 days	Tue 11/2/20	Thu 13/2/20							i i															
1063	17.3.39.4	lay pipes & construct manhole(s)	8 days	Fri 14/2/20	Sat 22/2/20							l X															
1074																											
1064	17.3.39.5	backfull formation & SRT test	0 days	Sat 22/2/20	Sat 22/2/20							22	12														
1005	17.3.39.0	lay kerb, sub-base	3 days	Mon 24/2/20	Wed 26/2/20							115															
1000	17.3.39.7	sub-base SRT test	3 days	Thu 27/2/20	Sat 29/2/20							15															
1007	17.3.39.0	DBM (Roadbase)	3 days	Mon 2/3/20	Wed 4/3/20							115															
1060	17.3.39.9	Dase course and wearing course	3 days	Thu 5/3/20	Sat 7/3/20							ĥ															
1009	17.3.40	TTA 9 ULL detection	25 days	Mon 9/3/20	The 7/4/20								9														
1070	17 3 40 2	troe felling	4 days	Mon 9/3/20	Thu 12/3/20							1															
1071	17.3.40.2	tree reling	0 days	Thu 12/3/20	Inu 12/3/20							111 🧘															
1072	17.3.40.4	saw cut a remove existing pavement	3 days	THE 17/2/20	Word 19/3/20							11 1															
1074	17.3.40.5	lave connect cully pipese construct cully pot(s)	Z udys A dave	Tue 17/3/20	Mon 23/3/20							111 7															
1075	17.3.40.6	lay kerh, sub-base	3 dave	Tup 24/3/20	Thu 26/3/20							111 7															
1076	17.3.40.7	sub-base SRT test	3 dave	Fri 27/3/20	Mon 30/3/20																						
1077	17.3.40.8	DBM (Roadbase)	3 days	Tue 31/3/20	Thu 2/4/20								-														
1078	17.3.40.9	base course and wearing course	3 days	Fri 3/4/20	Tue 7/4/20																						
1079	17.3.41	Street lighting (drawpits, abandon existing public	7 davs	Wed 8/4/20	Sat 18/4/20																						
		lighting & cable, 100uPVC ducts) (ch435-890)																									
1080	17.3.42	tree planting	5 days	Tue 14/4/20	Sat 18/4/20																						
1081	17.3.43	Street furniture & construction of footpath	23 days	Mon 20/4/20	Mon 18/5/20								-														
		(ch435-890)																									
1082	17.3.44	Phase IV (stage 1)-south lane (chainage 890-940)	22 days	Fri 20/9/19	Thu 17/10/19						-																
1083	17.3.44.1	TTA & UU detection	1 day	Fri 20/9/19	Fri 20/9/19						₩1																
1084	17.3.44.2	tree felling	2 days	Sat 21/9/19	Mon 23/9/19						H																
1005	17 2 4 4 2			0.000000							1																
1086	17 3 // /	saw cut & remove existing pavement	2 days	Sat 21/9/19	Mon 23/9/19						He I																
1000	17.0.44.4	excavate pipe trench and manhole(s)	z days	Tue 24/9/19	Wed 25/9/19																						
1087	17.3.44.5	lay pipes & construct manhole(s)	8 days	Thu 26/9/19	Sat 5/10/19						*																
		, F.F			50. 0/10/10																						
1088	17.3.44.6	backfill formation & SRT test	0 days	Sat 5/10/19	Sat 5/10/19						\$5/10																
1089	17.3.44.7	lay kerb, sub-base	2 days	Tue 8/10/19	Wed 9/10/19																						
1090	17.3.44.8	sub-base SRT test	3 days	Thu 10/10/19	Sat 12/10/19						5																
1091	17.3.44.9	DBM (Roadbase)	2 days	Mon 14/10/19	Tue 15/10/19						ĥ																
1092	17.3.44.10	base course and wearing course	2 days	Wed 16/10/19	Thu 17/10/19						5																
1093	17.3.45	Phase IV (stage 2)-north lane (chainage 890-940)	17 days	Fri 18/10/19	Wed 6/11/19						Ŧ																
1094	17.3.45.1	TTA & UU detection	1 day	Fri 18/10/19	Fri 18/10/19						h																
1095	17.3.45.2	tree felling	2 days	Sat 19/10/19	Mon 21/10/19						1 m																
1006	73453		0.4	0-140/40/40																							
1007	7 3 / 5 /	saw cut a remove existing pavement	∠ days	Sat 19/10/19	Ivion 21/10/19						R.																
10097	17 3 /5 5	excavate guily trench and guily pot(s)	l day	Tue 22/10/19	Tue 22/10/19						1																
1090	17 3 45 6	lay kerb, sub-base	4 days	Mon 29/10/19	Sat 20/10/19						7																
1100	17.3.45.7	sub-base SRT teet	2 days	Mod 20/10/19	Fri 1/11/10						7																
1101	17.3.45.8	DBM (Roadbase)	2 days	Sat 2/11/10	Mon 4/11/10						7																
1102	7.3.45.9	base course and wearing course	2 days	Tue 5/11/19	Wed 6/11/19																						
Sang H	na Civil Co	ontractors Company Limited						(		Page	22/36								-	_							
										1 4961																TWP(06) 201909	531issued

Contr Deve	act No. CV opment of	//2017/02 Columbarium at Sandy Ridge Cemetery - Infrastruct	tural Work	s at Man Kam	To Road and I	Initial Works F	Programme (06)
ID	WBS	Task Name	Duration	Start Date	Completion	on 2019	2024
					Dale	Jun         Jan         Aug         Mar         Oct         May         Dec         Jul         Feb         Sep           17         27         37         47         5         15         25         35         45         3         13         23         33         43         53         10         20         30         40         50         8         18         28         38         48         6         16         26         26	16 1
1103	17.3.46	Phase IV (stage 3)-south lane (chainage 940-983)	31 days	Thu 7/11/19	Thu 12/12/19		40 4
1104	17.3.46.2	I I A & UU detection saw cut & remove existing pavement	1 day 2 days	Fri 8/11/19	Thu //11/19 Sat 9/11/19		
1106	17.3.46.3	excavate pipe trench and manhole(s)	1 day	Mon 11/11/19	Mon 11/11/19		
1107	170.004				_		
1107	17.3.46.4	lay pipes & construct manhole(s)	7 days	Tue 12/11/19	Tue 19/11/19	/19	
1108	17.3.46.5	backfill formation & SRT test	12 days	Tue 19/11/19	Mon 2/12/19	/19	
1109	17.3.46.6	lay kerb, sub-base	2 days	Tue 3/12/19	Wed 4/12/19	/19	
1110	17.3.46.7	sub-base SRT test	3 days	Thu 5/12/19 Map 0/12/10	Sat 7/12/19		
1112	17.3 46 9	base course and wearing course	2 days 2 days	Wed 11/12/19	Thu 12/12/19	/19	
1113	17.3.47	Phase IV (stage 4)-north lane (chainage 940-983)	16 days	Fri 13/12/19	Fri 3/1/20	0	
1114	17 3.47 1	TTA & UU detection	1 day	Fri 13/12/19	Fri 13/12/19		
1115	17.3.47.2	saw cut & remove existing pavement excavate gully trench and gully pot(s)	2 days 1 day	Sat 14/12/19 Tue 17/12/19	Mon 16/12/19 Tue 17/12/19		
1117	17.3.47.4	lay& connect gully pipes& construct gully pot(s)	3 days	Wed 18/12/19	Fri 20/12/19	19	
1118	17.3.47.5	lay kerb, sub-base	2 days	Sat 21/12/19	Mon 23/12/19	/19	
1119	17.3.47.6	sub-base SRT test	3 days	Tue 24/12/19 Map 20/12/10	Sat 28/12/19		
1120	17.3.47.8	base course and wearing course	2 days 2 days	Thu 2/1/20	Fri 3/1/20		
1122	17.3.48	Phase V (stage 1)-south lane (chainage 983-1035)	17 days	Sat 4/1/20	Thu 23/1/20	20	
1123	17.3.48.1	TTA & UU detection	1 day	Sat 4/1/20	Sat 4/1/20		
1124	17.3.48.3	saw cut & remove existing pavement excavate pipe trench and manhole(s)	2 days 1 day	Wed 8/1/20	Tue 7/1/20 Wed 8/1/20		
1111/2019			. uuy	1100 011/20	nou or neo		
1126	17.3.48.4	lay pipes & construct manhole(s)	4 days	Thu 9/1/20	Mon 13/1/20	20	
1127	17.3.48.5	backfill formation & SRT test	0 davs	Mon 13/1/20	Mon 13/1/20	20	
1128	17.3.48.6	lay kerb, sub-base	2 days	Tue 14/1/20	Wed 15/1/20	20	
1129	17.3.48.7	sub-base SRT test	3 days	Thu 16/1/20	Sat 18/1/20		
1130	17.3.48.8	DBM (Roadbase)	2 days 2 days	Mon 20/1/20 Wed 22/1/20	1 ue 21/1/20 Thu 23/1/20	20	
1132	17.3.49	Phase V (stage 2)-north lane (chainage 983-1035)	16 days	Fri 24/1/20	Fri 14/2/20		
1133	17.3.49.1	TTA & UU detection	1 day	Fri 24/1/20	Fri 24/1/20		
1134	17.3.49.2	saw cut & remove existing pavement	2 days	Wed 29/1/20	Thu 30/1/20 Eri 31/1/20		
1136	17.3.49.4	lay& connect gully pipes& construct gully pot(s)	3 days	Sat 1/2/20	Tue 4/2/20		
1137	17.3.49.5	lay kerb, sub-base	2 days	Wed 5/2/20	Thu 6/2/20	0	
1138	17.3.49.6	sub-base SRT test	3 days	Fri 7/2/20	Mon 10/2/20		
1140	17.3.49.8	base course and wearing course	2 days 2 days	Thu 13/2/20	Fri 14/2/20		
1141	17.3.50	Phase V (stage 3)-south lane (chainage 1035-1087)	19 days	Sat 15/2/20	Sat 7/3/20	0	
1142	17.3.50.1	TTA & UU detection	1 day	Sat 15/2/20	Sat 15/2/20		
1143	17.3.50.3	excavate pipe trench and manhole(s)	∠ days 2 days	Wed 19/2/20	Tue 18/2/20 Thu 20/2/20		
		······································	,.				
1145	17.3.50.4	lay pipes & construct manhole(s)	5 days	Fri 21/2/20	Wed 26/2/20	20	
1146	17.3.50.5	backfill formation & SRT test	0 days	Wed 26/2/20	Wed 26/2/20	20	
1147	17.3.50.6	lay kerb, sub-base	2 days	Thu 27/2/20	Fri 28/2/20	0	
1148	17.3.50.7	sub-base SRT test	3 days	Sat 29/2/20	Tue 3/3/20	$\mathcal{I}$	
1149	17.3.50.9	DBM (Roadbase)	2 days 2 days	Vved 4/3/20 Fri 6/3/20	Thu 5/3/20 Sat 7/3/20		
1151	17.3.51	Phase V (stage 4)-north lane (chainage 1035-1087)	12 days	Mon 9/3/20	Sat 21/3/20	νό ματα τη	
1152	17.3.51.1	TTA & UU detection	1 day	Mon 9/3/20	Mon 9/3/20		
1153	17.3.51.2	saw cut & remove existing pavement excavate cully trench and cully pot(s)	2 days 0 days	Tue 10/3/20 Wed 11/3/20	Wed 11/3/20		
1155	17.3.51.4	lay& connect gully pipes& construct gully pot(s)	0 days	Wed 11/3/20	Wed 11/3/20		
1156	17.3.51.5	lay kerb, sub-base	2 days	Thu 12/3/20	Fri 13/3/20	o	
1157	17.3.51.6	sub-base SRT test	3 days	Sat 14/3/20	Tue 17/3/20		
1159	17.3.51.8	base course and wearing course	∠ uays 2 days	Fri 20/3/20	Sat 21/3/20		
1160	17.3.52	Phase V (stage 5)-south lane (chainage 1087-1139)	20 days	Mon 23/3/20	Sat 18/4/20	0	
1161	17.3.52.1	TTA & UU detection	1 day	Mon 23/3/20	Mon 23/3/20		
Sang H	ling Civil Co	ntractors Company Limited	_			Page 23/36	5) 20190531issued

Develo	opment of	Columbarium at Sandy Ridge Cemetery - Infrastructu	ural Work	s at Man Kam	To Road and L	in Ma Hang	Road										Initial Works Programme (06)
ID	WBS	Task Name	Duration	Start Date	Completion	J		2019	1								2024
				1010202234	Date	Jun	0.77	Jan	- 1.5	Aug	3	Mar	00	ct	May Dec	c Jul F	Sep Sep
1162	173522	comput & romovo existing period	2 days	Tuo 24/3/20	Wod 25/3/20	17 27	37	47	5 15	25	35 45	3 13 2	23 33	43	53 10 20 30 40	50 8 18 28 38 48	6 16 26 36 46 4
1163	17.3.52.3	excavate pipe trench and manhole(s)	2 days 2 days	Thu 26/3/20	Fri 27/3/20							1					
			2 00,0														
1164	17.3.52.4	lay pipes & construct manhole(s)	6 days	Sat 28/3/20	Fri 3/4/20							ř.					
1165	17.3.52.5	backfill formation & SRT test	0 davs	Fri 3/4/20	Fri 3/4/20							₹3/4					
1166	17,3.52.6	lay kerb, sub-base	2 days	Mon 6/4/20	Tue 7/4/20							5					
1167	17.3.52.7	sub-base SRT test	3 days	Wed 8/4/20	Tue 14/4/20				1			t i					
1168	17.3.52.8	DBM (Roadbase)	2 days	Wed 15/4/20	Thu 16/4/20							E I					
1169	17.3.52.9	base course and wearing course	2 days	Fri 17/4/20	Sat 18/4/20							й ( ) К					
1170	17.3.53	Phase V (stage 6)-north lane (chainage 1087-1139)	15 days	Mon 20/4/20	Fri 8/5/20							<b>†</b>					
1172	17.3.53.2	TTA & UU detection	2 dave	Tue 21/4/20	Woll 20/4/20							<b>₽</b>					
1172	17.3.53.3	excavate gully trench and gully not(s)	∠uays 1 dav	Tue 21/4/20 Thu 23/4/20	Thu 23/4/20							2					
1174	17.3.53.4	lav& connect gully pipes& construct gully pot(s)	2 davs	Fri 24/4/20	Sat 25/4/20							i i i					
1175	17.3.53.5	lay kerb, sub-base	2 days	Mon 27/4/20	Tue 28/4/20							<b>F</b>					
1176	17.3.53.6	sub-base SRT test	3 days	Wed 29/4/20	Mon 4/5/20							<b>i</b>					
1177	17.3.53.7	DBM (Roadbase)	2 days	Tue 5/5/20	Wed 6/5/20							Ē.					
1178	17.3.53.8	base course and wearing course	2 days	Thu 7/5/20	Fri 8/5/20							ĥ					
1179	17 3.54	Phase V (stage 7)-south lane (chainage 1139-1190)	20 days	Sat 9/5/20	Mon 1/6/20							#					
1180	17.3.54.1	ITA & UU detection	1 day	Sat 9/5/20	Sat 9/5/20							<b>1</b>					
1182	17.3.54.3	saw cut a remove existing pavement	2 days	Wed 13/5/20	Thu 14/5/20												
			2 00,0		1110 1 110/20												
1183	17.3.54.4	lay pipes & construct manhole(s)	6 days	Fri 15/5/20	Thu 21/5/20							j i i i i i i i i i i i i i i i i i i i					
1184	17.3.54.5	hackfill formation & SRT test	0 days	Thu 21/5/20	Thu 21/5/20							221	15				
1185	17.3.54.6	lav kerb, sub-base	2 days	Fri 22/5/20	Sat 23/5/20							h	.15				
1186	17.3.54.7	sub-base SRT test	3 days	Mon 25/5/20	Wed 27/5/20				0			Ť					
1187	17.3.54.8	DBM (Roadbase)	2 days	Thu 28/5/20	Fri 29/5/20							ĥ					
1188	17.3.54.9	base course and wearing course	2 days	Sat 30/5/20	Mon 1/6/20							1					
1189	17.3.55	Phase V (stage 8)-north lane (chainage 1139-1190)	15 days	Tue 2/6/20	Thu 18/6/20							₩ ₩					
1190	17.3.35.1	ITA & UU detection	1 day	Tue 2/6/20	Tue 2/6/20							1					
1192	17.3.55.3	excavate gully trench and gully pot(s)	∠uays 1 dav	Fri 5/6/20	Fri 5/6/20				1			1					
1193	17.3.55.4	lav& connect gully pipes& construct gully pot(s)	2 days	Sat 6/6/20	Mon 8/6/20							The second secon					
1194	17.3.55.5	lay kerb, sub-base	2 days	Tue 9/6/20	Wed 10/6/20							l l					
1195	17.3.55.6	sub-base SRT test	3 days	Thu 11/6/20	Sat 13/6/20							1					
1196	17.3.55.7	DBM (Roadbase)	2 days	Mon 15/6/20	Tue 16/6/20												
1197	17.3.55.8	base course and wearing course	2 days	Wed 17/6/20	Thu 18/6/20							h h					
1190	17.3.50	Phase VI (stage 1)-south lane (chainage 1190-1240)	21 days	Ffi 19/6/20	Wed 15/7/20								m				
1199	17.3.56.1	TTA & UU detection	1 day	Fri 19/6/20	Fri 19/6/20							5					
1200	17.3.56.2	saw cut & remove existing pavement	2 days	Sat 20/6/20	Mon 22/6/20							l l					
1201	17.3.56,3	excavate pipe trench and manhole(s)	2 days	Tue 23/6/20	Wed 24/6/20							F					
1202	17.3.56.4	lay pipes & construct manhole(s)	7 days	Fri 26/6/20	Sat 4/7/20							1	5				
1203	17,3.56.5	backfill formation & SRT test	0 dave	Sat 4/7/20	Sat 4/7/20								4/7				
1204	17.3.56.6	lay kerb, sub-base	2 days	Mon 6/7/20	Tue 7/7/20								h				
1205	17.3.56.7	sub-base SRT test	3 days	Wed 8/7/20	Fri 10/7/20								5				
1206	17.3.56.8	DBM (Roadbase)	2 days	Sat 11/7/20	Mon 13/7/20								ň				
1207	17.3.56.9	base course and wearing course	2 days	Tue 14/7/20	Wed 15/7/20								5				
1208	17.3.57	Phase VI (stage 2)-north lane (chainage 1190-1240)	15 days	Thu 16/7/20	Sat 1/8/20								#				
1209	17.3.57.1	TTA & UU detection	1 day	Thu 16/7/20	Thu 16/7/20								5				
1210	17.3.57.2	saw cut & remove existing pavement	2 days	Fri 17/7/20	Sat 18/7/20								<u>1</u>				
1211	17.3.57.3	excavate gully trench and gully pot(s)	1 day	Mon 20/7/20	Mon 20/7/20								5				
1212	17.3.57.4	lay& connect gully pipes& construct gully pot(s)	2 days	Tue 21/7/20	Wed 22/7/20								<u>1</u>				
1213	17 3 57 6	lay kerb, sub-base	2 days	1 nu 23///20 Sat 25/7/20	FTI 24/7/20 Tue 28/7/20								1				
1215	17.3.57.7	DBM (Roadbase)	2 days	Wed 29/7/20	Thu 30/7/20								5				
1216	17.3.57.8	base course and wearing course	2 days	Fri 31/7/20	Sat 1/8/20								5				
1217	17.3.58	Phase VI (stage 3)-south lane (chainage 1240-1286)	34 days	Mon 3/8/20	Thu 10/9/20												
1218	17.3.58.1	TTA & UU detection	1 dav	Mon 3/8/20	Mon 3/8/20								5				
Sang F	ling Civil C	ontractors Company Limited					-			Page 2	24/36				111		IWP(06) 20190531issued

Contra Devel	act No. C	//2017/02 Columbarium at Sandy Ridge Cemetery - Infrastruct	ural Works	s at Man Kam	To Road and	and Lin Ma Hang Road	amme (06)
ID	WBS	Task Name	Duration	Start Date	Completion	ion 2019	2024
					Date	Jun         Jan         Aug         Mar         Oct         May         Dec         Jul         Feb         Sep           17         27         27         47         5         15         25         45         23         42         53         10         20         20         40         50         10         50         10         50         10         50         10         50         10         50         10         50         10         50         10         50         10         50         10	
1219	17.3.58.2	tree felling	10 days	Tue 4/8/20	Fri 14/8/20	20 17 27 37 47 3 13 23 33 43 33 13 23 33 43 53 10 20 30 40 50 8 18 28 38 48 6 16 26 36 46	5 4
		U U	,				
1220	17 3.58 3	saw cut & remove existing pavement	2 days	Thu 13/8/20	Fri 14/8/20		
1221	17.0.00.4	excavate pipe trench and mannole(s)	z uays	Sal 10/0/20	WUII 1//0/20		
1222	17.3.58.5	lay pipes & construct manhole(s)	6 days	Tue 18/8/20	Mon 24/8/20	الالا المراجع ا	
1222	172586		6 days	Tue 05/0/00	Man 01/0/00		
1223	17.3.58.7	lav kerb, sub-base	2 days	Tue 1/9/20	Wed 2/9/20		
1225	17.3.58.8	sub-base SRT test	3 days	Thu 3/9/20	Sat 5/9/20	20 *	
1226	17.3.58.9	DBM (Roadbase)	2 days	Mon 7/9/20	Tue 8/9/20	20	
1227	17.3.58.10	base course and wearing course	2 days	Wed 9/9/20	Thu 10/9/20		
1220	17.3.59.1	TTA & UU detection	15 days	Fri 11/9/20	Fri 11/9/20		
1230	17.3.59.2	saw cut & remove existing pavement	2 days	Sat 12/9/20	Mon 14/9/20		
1231	17.3.59.3	excavate gully trench and gully pot(s)	1 day	Tue 15/9/20	Tue 15/9/20	/20	
1232	17.3.59.4	lay& connect gully pipes& construct gully pot(s)	2 days	Wed 16/9/20	Thu 17/9/20		
1233	17.3.59.6	sub-base SRT test	2 days 3 days	Mon 21/9/20	Sat 19/9/20 Wed 23/9/20		
1235	17,3.59.7	DBM (Roadbase)	2 days	Thu 24/9/20	Fri 25/9/20	20	
1236	17.3.59.8	base course and wearing course	2 days	Sat 26/9/20	Mon 28/9/20	1/20	
1237	17.3.60	Phase VI (stage 5)-south lane (chainage 1286-1332)	20 days	Tue 29/9/20	Fri 23/10/20	/20	
1238	17.3.60.1	TTA & UU detection	1 dav	Tue 29/9/20	Tue 29/9/20		
1239	17.3.60.2	saw cut & remove existing pavement	2 days	Wed 30/9/20	Sat 3/10/20	/20	
1240	17.3.60.3	excavate pipe trench and manhole(s)	2 days	Mon 5/10/20	Tue 6/10/20	/20	
1241	17.3.60.4	lay nines & construct manhole(s)	6 days	Wed 7/10/20	Tue 13/10/20	1/20	
			o dayo	1100 1110/20	100 10/10/20		
1242	17.3.60.5	backfill formation & SRT test	0 days	Tue 13/10/20	Tue 13/10/20	J/20 ➡1 3/10	
1243	17.3.60.6	lay kerb, sub-base	2 days	Wed 14/10/20	Thu 15/10/20		
1244	17.3.60.8	DBM (Roadbase)	2 days	Tue 20/10/20	Wed 21/10/20		
1246	17.3.60.9	base course and wearing course	2 days	Thu 22/10/20	Fri 23/10/20	/20	
1247	17.3.61	Phase VI (stage 6) - north lane (chainage 1286	12 days	Sat 24/10/20	Sat 7/11/20	/20	
1248	17.3.61.1	-1332) TTA & IIII detection	1 dav	Sat 24/10/20	Sat 24/10/20	20	
1249	17.3.61.2	saw cut & remove existing pavement	2 days	Tue 27/10/20	Wed 28/10/20	0/20	
1250	17.3.61.3	lay kerb, sub-base	2 days	Thu 29/10/20	Fri 30/10/20	/20	
1251	17.3.61.4	sub-base SRT test	3 days	Sat 31/10/20	Tue 3/11/20		
1252	17.3.61.6	DBM (Roadbase)	2 days 2 days	Vved 4/11/20 Fri 6/11/20	Sat 7/11/20		
1254	17.3.62	Phase VI (stage 7)-south lane (chainage 1332-1377)	27 days	Mon 9/11/20	Wed 9/12/20		
1055	17.0.60.4		4	N = 0/44/00	No. 0144100		
1255	17.3.62.1	tree felling	1 day 4 days	Mon 9/11/20 Tue 10/11/20	Mon 9/11/20 Fri 13/11/20		
1000		tree tening	4 0093	100 10/11/20	11110/11/20	20	
1257	17.3.62.3	tree transplant	1 day	Sat 14/11/20	Sat 14/11/20	/20	
1258	17,3.62.4	saw cut & remove existing pavement	2 dave	Fri 13/11/20	Sat 14/11/20		
1250	17.3.62.5	excavate pipe trench and manhole(s)	2 days 2 days	Sat 14/11/20	Mon 16/11/20		
1260	17.3.62.6	lay pipes & construct manhole(s)	6 days	Tue 17/11/20	Mon 23/11/20	1/20	
1261	17.3.62.7	backfill formation & SRT test	6 days	Mon 23/11/20	Sat 28/11/20	/20	
1262	17.3.62.8	lay kerb, sub-base	2 days	Mon 30/11/20	Tue 1/12/20	/20	
1263	17.3.62.9	sub-base SRT test	3 days	Wed 2/12/20	Fri 4/12/20		
1204	17.3.62.10	DBM (Koaddase)	∠ days 2 days	Sat 5/12/20 Tue 8/12/20	Wed 9/12/20		
1266	17.3.63	Phase VI (stage 8)-north lane (chainage 1332-1377)	15 days	Thu 10/12/20	Tue 29/12/20	2/20	
1000	0 0 f						-
1267	17.3.63.1	I I A & UU detection	1 day 2 days	Thu 10/12/20 Fri 11/12/20	I hu 10/12/20 Sat 12/12/20		
1269	17.3.63.3	excavate gully trench and gully pot(s)	∠uays 1 dav	Mon 14/12/20	Mon 14/12/20	2/20	
1270	17.3.63.4	lay& connect gully pipes& construct gully pot(s)	2 days	Tue 15/12/20	Wed 16/12/20	2/20	
1271	17.3.63.5	lay kerb, sub-base	2 days	Thu 17/12/20	Fri 18/12/20		
Sang H	ing Civil C	ontractors Company Limited				Page 25/36	90531issued

Contra Develo	ct No. CV	/2017/02 Columbarium at Sandy Ridge Cemetery - Infrastruct	ural Works	s at Man Kam	To Road and L	in Ma Hang Road	Initial Works Programme (06)
ID	WBS	Task Name	Duration	Start Date	Completion	2019	2024
					Date	Jun Jan Aug Mar Oct May Dec Jul Feb	Sep
1272	17.3.63.6	sub-base SRT test	3 days	Sat 19/12/20	Tue 22/12/20	17 27 57 47 5 15 25 55 45 5 15 25 55 45 55 10 20 30 40 50 8 18 28 38 48 6	16 26 36 46 4
1273	17.3.63.7	DBM (Roadbase)	2 days	Wed 23/12/20	Thu 24/12/20		
1274	17.3.63.8	base course and wearing course	2 days	Mon 28/12/20	Tue 29/12/20		
1275	17.3.64	Street lighting (drawpits, abandon existing public	7 days	Tue 29/12/20	Wed 6/1/21		
		lighting & cable, 1000PVC ducts) (cn890-1377)					
1276	17.3.65	tree planting	1 dav	Wed 6/1/21	Wed 6/1/21		
1277	17.3,66	Street furniture & construction of footpath	25 days	Wed 6/1/21	Wed 3/2/21		
		(ch890-1377)					
1278	17.4	Noise Barrier works above the concrete substructure of	674 days	Mon 29/10/18	Wed 3/2/21		
1279	17 4 1	the hoise parrier (section 2 Part C1)	210 daya	Map 20/10/19	Sum 26/5/10		
1279	17.4.2	propose specialist subcontractor to PM for	210 days	Sun 26/5/10	Sun 26/5/19 Sun 26/5/19		
7107347200		acceptance	0 days	0011 20101 10	0011 20/0/10		
1281	17.4.3	acceptance of propose specialist subcontractor by	0 days	Sun 16/6/19	Sun 16/6/19		
1000		Project Manager					
1282	17.4.4 47.4 E	prepare design & liaise with designer & PM	120 days	Mon 17/6/19	Mon 14/10/19		
1285	17.4.5	submit a proposal detailing the changes to PM's design, if any	14 days	Tue 15/10/19	Mon 28/10/19		
1284	17.4.6	submit 1st design for PM's comment	0 days	Mon 28/10/19	Mon 28/10/19		
1285	17.4.7	PM's comments	21 davs	Tue 29/10/19	Mon 18/11/19		
1286	17.4.8	revise design	28 days	Tue 19/11/19	Mon 16/12/19		
1287	17.4.9	re-submit design for PM's acceptance	0 days	Mon 16/12/19	Mon 16/12/19	A CONTRACT OF	
1288	17.4.10	submit 3 sample panels for each type & colour for	7 days	Tue 17/12/19	Mon 23/12/19		
1289	17 4 11	acceptance	0 dovo	Map 12/1/20	Map 12/1/20		
1290	17.4.12	ordering of noise barrier panel	0 days 0 days	Wed 15/1/20	Wed 15/1/20		
1291	17.4.13	fabricating of panel and steelworks	180 davs	Thu 16/1/20	Mon 13/7/20		
1292	17.4.14	delivery of panel and steelworks on site	76 days	Tue 14/7/20	Sun 27/9/20		
1293	17.4.15	completion of concrete curing of substructure of	463 days	Mon 14/10/19	Tue 19/1/21		
1204	7 4 4 5 4	Nosie Barriers	<b>.</b> .	T 40/4/04	T (0///0/		
1294	17.4.15.1	MM5	0 days	Tue 19/1/21	Tue 19/1/21		
1296	17.4.15.3	MM7	0 days 0 days	Mon 14/10/19	Mon 14/10/19 Mon 14/10/19		
1297	17.4.15.4	MM8	0 days	Mon 4/1/21	Mon 4/1/21		
1298	17.4.15.5	MM9	0 days	Mon 10/2/20	Mon 10/2/20		
1299	17.4.15.6	MM10 (Bay 1-4)	0 days	Sun 21/6/20	Sun 21/6/20		
1300	17.4.15.7	MM10 (Bay 5-9)	0 days	Mon 9/11/20	Mon 9/11/20		
1301	17.4.10	construction works above the concrete substructure	48 days	Mon 28/9/20	Wed 25/11/20		
		or the hoise barrier mixio, mixir & mixis (app. 7711)					
1302	17.4.16.1	fix posts with base plates to copings	11 days	Mon 28/9/20	Mon 12/10/20		
1303	17.4.16.2	install structural frames	9 days	Tue 13/10/20	Thu 22/10/20		
1304	17.4.16.3	fix Al. absorption noise barrier panels	7 days	Fri 23/10/20	Sat 31/10/20		
1305	17.4.16.5	fix tinted transplant noise barrier panels	7 days	Mon 2/11/20	Mon 9/11/20		
1300	н. <del></del> . 10.Ј	its copping the end of UC member	/ days	Tue 10/11/20	rue 17/11/20		
1307	17.4.16.6	fix base sealing panel	7 davs	Wed 18/11/20	Wed 25/11/20		
		•					
1308	17.4.17	construction works above the concrete substructure	54 days	Thu 26/11/20	Sat 30/1/21		
1300	17 4 17 1	of the noise partier MM10 (app. 94m)	10 deu-	Thu 06/44/00	Mod 0/40/00		
1310	7.4.17.2	install structural frames	12 days	Thu 20/11/20	Wed 9/12/20		
1311	7.4.17.3	fix Al. absorption noise barrier panels	8 davs	Wed 23/12/20	Mon 4/1/21		
1312	7.4.17.4	fix tinted transplant noise barrier panels	8 days	Tue 5/1/21	Wed 13/1/21		
1313	7.4.17.5	fix copping the end of UC member	8 days	Thu 14/1/21	Fri 22/1/21		
1214	7 1 17 0		7.	0 1 00/1/01	0.0000		
1514	17.4.17.0	fix base sealing panel	/ days	Sat 23/1/21	Sat 30/1/21		
1315	17.4.18	construction works above the concrete substructure	10 days	Wed 20/1/21	Sat 30/1/21		
-19-70.000711		of the noise barrier MM5 & MM8 (app. 42.322m)	i o dayo		our our 1/21		
1316	7.4.18.1	fix posts with base plates to copings	2 days	Wed 20/1/21	Thu 21/1/21		
1317	17.4.18.2	install structural frames	2 days	Fri 22/1/21	Sat 23/1/21		
1319	7.4.18.4	fix finted transplant noise barrier panels	2 days	Sat 23/1/21 Mon 25/1/21	Tue 26/1/21		
			2 0033		100 20/1/21		
Sang H	ng Civil Cor	ntractors Company Limited				Page 26/36	IWP(06) 20190531issucd

Contr Devel	act No. CV opment of	/2017/02 Columbarium at Sandy Ridge Cemetery - Infrastruct	ural Work	ks at Man Kam	To Road and L	lnitia	I Works Programme (06)
ID	WBS	Task Name	Duration	Start Date	Completion	a 2019	2024
					Date	Jun         Jan         Aug         Mar         Oct         May         Dec         Jul         Feb           17         27         37         47         5         15         25         35         45         3         13         22         23         42         52         10         20         <	Sep
1320	17.4.18.5	fix copping the end of UC member	3 days	Tue 26/1/21	Thu 28/1/21	1 21 51 41 5 15 25 55 45 5 15 23 55 45 53 10 20 30 40 50 8 18 28 38 48 6 16 26	36 46 4
1321	17.4.18.6	fix base sealing panel	3 days	Thu 28/1/21	Sat 30/1/21		
1322	17.4.19	submit as-built drawings & design calculation & 2 sets of velographs for noise barrier works	0 days	Wed 3/2/21	Wed 3/2/21		
1323	17.5	access date for section 2 (Part C2)	0 days	Sun 24/2/19	Sun 24/2/19	9	
1324	17.6	additional site possession for areas outside site boundary {for 3NW-C/C470 (existing D-DH7), C224 (existing D-DH11) & C225 new drillholes DHA1,A2 & A3 }	0 days	Sun 24/2/19	Sun 24/2/19	θ	
1325	17.7	Slope Upgrading works (section 2 Part C2)	578 days	Mon 25/2/19	Wed 3/2/21		
1326	17.7.1	general site clearance	45 days	Mon 25/2/19	Thu 18/4/19	ð	
1327	17.7.2	Initial topographic survey	45 days	Thu 11/4/19	Sat 8/6/19		
1329	17.7.4	drilling of verification boreholes DHA1,A2 & A3	21 days 21 days	Mon 17/6/19	Sat 15/6/19 Thu 11/7/19	9	
1330	17.7.5	baseline monitoring for 3NW-C/C230 (DH15 & 16) & C225 (DH3 & 17) on existing drillholes & 3NW-C/C470 (existing D-DH7), C224 (existing D-DH11) & C225 proposed verification drillholes DHA1.A2 & A3	30 days	Fri 12/7/19	Thu 15/8/19	λ	
1331	17.7.6	submit 4 sets of initial readings of baseline monitoring and preliminary logs to the Project Manager to the Project Manager	0 days	Thu 15/8/19	Thu 15/8/19	€	
1332	17.7.7	Slopeworks: 3NW-C/C470 (ch490-540S/B)	59 days	Fri 16/8/19	Sat 26/10/19	9	
1333	17.7.7.1	removal of existing trees	10 days	Fri 16/8/19	Tue 27/8/19	غ ا	
1334	17.7.7.2	hoarding & fencing	6 days	Wed 28/8/19	Tue 3/9/19		
1335	17.7.7.3	slope excavation works	1 day	Wed 4/9/19	Wed 4/9/19	a la seconda de la seconda	
1336 1337	17.7.7.4 17.7.7,5	temporary scaffolding proposed slope stripping for mapping or rock and relict discontinuities (AS5-A,B, AS6-A,B)	5 days 8 days	Thu 5/9/19 Wed 11/9/19	Tue 10/9/19 Fri 20/9/19		
1338	17.7.7.6 17.7.7.6.1	Phase I install test nail PN02 & pull out test	8 days 6 days	Sat 21/9/19 Sat 21/9/19	Mon 30/9/19 Fri 27/9/19		
1340	17.7.7.6.2	drill, install steel bars and grout soil nails (B01-12)	2 days	Sat 28/9/19	Mon 30/9/19	e F	
1341	17.7.7.7	Phase II	8 days	Wed 2/10/19	Fri 11/10/19		
1542	17.7.7.7	install test nail PN01 & pull out test	6 days	Wed 2/10/19	Wed 9/10/19	)	
1343	17.7.7.2	drill, install steel bars and grout soil nails (A01-17)	2 days	Thu 10/10/19	Fri 11/10/19		
1344	17.7.8	raking drains	1 day	Sat 12/10/19	Sat 12/10/19	Э — — — — — — — — — — — — — — — — — — —	
1345	17.7.7.10	ו איז	∠ days 3 days	Wed 16/10/19	Fri 18/10/19		
1347	17.7.7.11	UC & catchpit (38m & 1 nr)	5 days	Sat 19/10/19	Thu 24/10/19	9	
1348	17.7.7.12	biodegradable erosion control mat with	2 days	Fri 25/10/19	Sat 26/10/19	Э	
1349	17.7.8	Slopeworks: - 3NW-C/C230 (ch1240-1330S/B)	130 days	Mon 28/10/19	Thu 2/4/20		
1350	17.7.8.1	removal of existing trees	10 days	Mon 28/10/19	Thu 7/11/19		
1351	17.7.8.2	hoarding & fencing	9 days	Fri 8/11/19	Mon 18/11/19	9	
1352	17.7.8.3	temporary scaffolding	7 days	Tue 19/11/19	Tue 26/11/19	9	
1353	17.7.8.4	proposed slope stripping for mapping or rock and relict discontinuities (AS3-A,B, AS4-A,B)	8 days	Wed 27/11/19	Thu 5/12/19		
1354	17.7.8.5	slope excavation works	1 day	Fri 6/12/19	Fri 6/12/19	5	
1355 1356	17.7.8.6 17.7.8.6.1	Phase I install test nail PN22 & pull out test	25 days 6 days	Sat 7/12/19 Sat 7/12/19	Wed 8/1/20 Fri 13/12/19		
1357	17.7.8.6.2	drill, install steel bars and grout soil nails	10 days	Sat 14/12/19	Fri 27/12/19		
Sang H	ling Civil Co	(K01-22, N01-05, M01-11, J01-25)	-			Page 27/36	
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Jevelo	pment of	Columbarium at Sandy Ridge Cemetery - Infrastru	clural work	s at wan Kam	TO ROAD and		
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)	WBS	Task Name	Duration	Start Date	Completion Date	2019	
					Date	Jun         Jan         Aug         Mar         Oct         May         D           17         27         37         47         5         15         25         35         45         3         13         23         33         43         53         10         20         30         40	
1358	17.7.8.6.3	TDR Test (including test & wait issue result)	2 days	Sat 28/12/19	Mon 30/12/19		
1359	17.7.8.6.4	soil nail head works	7 days	Tue 31/12/19	Wed 8/1/20		
1360	17.7.8.7	Phase II	22 days	Thu 9/1/20	Thu 6/2/20		
1361	17.7.8.7.1	install test nail PN21 & null out test	6 days	Thu 9/1/20	Wed 15/1/20		
1.501			0 uays	1110 3/1/20	Wed 15/1/20		
1362	17.7.8.7.2	drill, install steel bars and grout soil nails (H01-25, L01-16)	8 days	Thu 16/1/20	Fri 24/1/20		
1363	17.7.8.7.3	raking drains	2 days	Wed 29/1/20	Thu 30/1/20	5	
1364	17.7.8.7.4	TDR Test (including test & wait issue result)	2 davs	Fri 31/1/20	Sat 1/2/20		
1365	17.7.8.7.5	soil nail head works	4 days	Mon 3/2/20	Thu 6/2/20		
1366	17.7.8.8	225UC, 300SC & catchpits	21 davs	Fri 7/2/20	Mon 2/3/20		
	1	,	, -				
1367	17.7.8.9	600mm width concrete maintenance staircase with handrailing	9 days	Tue 3/3/20	Thu 12/3/20	l l l l l l l l l l l l l l l l l l l	
1368	17.7.8.10	soil replacement by no-fines concrete	6 days	Fri 13/3/20	Thu 19/3/20		
1369	17.7.8.10.1	stage 1	2 davs	Fri 13/3/20	Sat 14/3/20		
1370	17.7.8.10.1.1	temporary cut & excavation of soil	1 day	Fri 13/3/20	Fri 13/3/20		
1371	17.7.8.10 1 2	placement of no-fine concrete	1 day	Sat 14/3/20	Sat 14/3/20		
1372	17.7.8 10.2	etane 2	2 dave	Mon 16/3/20	Tue 17/2/20		
1372	177810.24	tomporony out & avanuation of anil	2 udys	Mon 16/2/20	Man 16/2/20		
1274	17 7 0 10 2 1	temporary cut & excavation of soli	i uay	Tue 47/0/00	IVIUIT 10/3/20		
13/4	17.7.0.10.2.2	placement of no-fine concrete	1 day	Tue 17/3/20	Tue 17/3/20		
13/5	17.7.8.10.3	stage 3	2 days	Wed 18/3/20	1hu 19/3/20		
1376	17.7.8.10.3.1	temporary cut & excavation of soil	1 day	Wed 18/3/20	Wed 18/3/20	L L L L L L L L L L L L L L L L L L L	
1377	17.7.8.10.3 2	placement of no-fine concrete	1 day	Thu 19/3/20	Thu 19/3/20		
1378	17.7.8.11	biodegradable erosion control mat with hydroseeding & shrub planting	12 days	Fri 20/3/20	Thu 2/4/20		
1379	17.7.9	Slopeworks: - 3NW-C/C224 (ch1040-1120N/B)	117 days	Tue 31/3/20	Sat 22/8/20		
1380	17.7.9.1	hoarding & fencing	10 days	Tue 31/3/20	Wed 15/4/20		
1381	17.7.9.2	temporary scaffolding	10 days	Thu 16/4/20	Mon 27/4/20		
1382	17.7.9.3	slope excavation works	1 day	Tue 28/4/20	Tue 28/4/20	$\tilde{r}$	
1383	17.7.9.4	Phase I	22 days	Wed 29/4/20	Tue 26/5/20		
1384	17.7.9.4.1	install test nail PN14 & pull out test	6 davs	Wed 29/4/20	Thu 7/5/20		
			0 00,0				
1385	17.7.9.4.2	drill, install steel bars and grout soil nails (G01-21, F01-31)	8 days	Fri 8/5/20	Sat 16/5/20	a de la constante de	
1386	17.7.9.4.3	TDR Test (including test & wait issue result)	2 days	Mon 18/5/20	Tue 19/5/20		
1387	17.7.9.4.4	soil nail head works	6 dave	Wed 20/5/20	Tue 26/5/20		
1388	17795	Dhace II	12 days	Mod 27/5/20	Tue 0/6/20		
1380	177951	inetall test pail DN13 & pull out test	6 days	Wed 27/5/20	Tue 2/6/20		
1 207	1.1.8.0.1	instantest nam PN 15 & puil out test	o uays	weu 27/5/20	1 ue 2/0/20		
1390	17,7,9,5,2	drill install steel bars and arout soil pails	6 dave	Wed 3/6/20	Tue 0/6/20		
		(F01-46)	o uayo	1100 0/0/ZU			
1301	17796	Phase III	28 dave	Wed 10/6/20	Tue 1/1/7/20		
1302	177961	inetall teet nail DN12 & null out teet	E dave	Wed 10/6/20			
1376		instantest nan FNTZ & puil out test	o days	weu 10/0/20	10/0/20		
1393	17.7.9.6.2	drill, install steel bars and grout soil nails (D01-D51)	10 days	Wed 17/6/20	Mon 29/6/20		
1394	17,7,9.6.3	TDR Test (including test & wait issue result)	2 dave	Tue 30/6/20	Thu 2/7/20		
1305	177964	soil poil bood works	2 udys 10 dava	Eri 2/7/20	Tue 1//7/20		
1306	17707			FII 3///ZU	100 14/7/20		
1207	177074		19 days	wed 15/7/20	wed 5/6/20		
1397	11.1.9.1.1	install test nail PN11 & pull out test	6 days	Wed 15/7/20	Tue 21/7/20		
1398	17.7.9.7.2	drill, install steel bars and grout soil nails	6 days	Wed 22/7/20	Tue 28/7/20		
1300	177079	(UVI-2U)	0	Mad 00/7/00	Thu 20/7/00		
1400	177074		2 days	Wed 29/7/20			
1400	17.7.9.7.4	I DR I est (including test & wait issue result)	2 days	Fn 31///20	Sat 1/8/20		
1401	17.7.9.7.5	soil nail head works	3 days	Mon 3/8/20	Wed 5/8/20		
1402	17.7.9.8	UC & catchpit	8 days	Thu 6/8/20	Fri 14/8/20		
1403	17.7.9.9	75mm thick shotcrete with a layer of A252 wire mesh (380m2)	7 days	Sat 15/8/20	Sat 22/8/20		
1404	17.7.10	Slopeworks: - 3NW-C/C225 (ch1300-1376N/B)	348 days	Tue 3/12/19	Wed 3/2/21		
1405	17.7.10.1	tree transplant	2 davs	Tue 3/12/19	Wed 4/12/19		
			,				

Iul         Feb         Sep           8         15         28         38         48         6         16         26         36         46         2																202	24
	50	8	19	Jul	2	<b>2</b> T	10	Feb	r	16	24	1	Sep	1	16	1	
		υ	10	28	3	0	40	0		10	20	J	30		40	T	4
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Cont Deve	ract No. C lopment o	V/2017/02 f Columbarium at Sandy Ridge Cemetery - Infrastruct	tural Work	ks at Man Kam	To Road and L	in Ma Hang Road						Initial Works Programme (06)
ID	WBS	Task Name	Duration	Start Date	Completion		2019					2024
					Date	Jun 17 27 37	Jan 47 5 15	Aug	Mar (	Oct	May Dec Jul	Feb Sep
1406	17.7.10.2	removal of existing trees	5 days	Thu 5/12/19	Tue 10/12/19	11 21 31	47 5 15	25 55 45	3 13 23 33	43	53 10 20 30 40 50 8 18 28 3	8 48 6 16 26 36 46 4
1407	17.7.10.3	hoarding & fencing	12 days	Wed 11/12/19	Tue 24/12/19			-				
1408	17.7.10.4	slope excavation works	1 day	Fri 27/12/19	Fri 27/12/19							
1409	17.7,10.5	temporary scaffolding	10 days	Sat 28/12/19	Thu 9/1/20							
1410	17.7.10.6	install test nail PN31-PN33, grout & pull out tests	6 days	Fri 10/1/20	Thu 16/1/20				ř.			
1411	17.7.10.7	install test nail PN34-PN36, grout & pull out tests	6 days	Fri 17/1/20	Thu 23/1/20				*			
1412	17.7.10.8	install test nail PN37-PN39, grout & pull out tests	6 days	Fri 24/1/20	Mon 3/2/20				<b>F</b>			
1413	17.7.10.9	Phase I	15 days	Tue 4/2/20	Thu 20/2/20				7			
1414	17.7.10.9.1	drill, install steel bars and grout soil nails (AJ01-18, Y01-07, AH01-18, X01-08)	8 days	Tue 4/2/20	Wed 12/2/20				<b>F</b>			
1415	17.7.10.9.2	TDR Test (including test & wait issue result)	2 days	Thu 13/2/20	Fri 14/2/20				5			
1416	17.7.10.9.3	soil nail head works	5 days	Sat 15/2/20	Thu 20/2/20				ι ř			
1417	17.7.10.10	Phase II	43 days	Fri 21/2/20	Wed 15/4/20				(		-	
1418	17.7.10.10.	drill, install steel bars and grout soil nails (AJ01-18, Y01-07, AH01-18, X01-08)	32 days	Fri 21/2/20	Sat 28/3/20							
1419	17.7.10.10.	2 TDR Test (including test & wait issue result)	2 days	Mon 30/3/20	Tue 31/3/20				5			
1420	17.7.10.10.	3 soil nail head works	9 days	Wed 1/4/20	Wed 15/4/20				i i			
1421	17.7.10.11	Phase III	44 days	Thu 16/4/20	Mon 8/6/20							
1422	17.7.10.11.	(AJ01-18, Y01-07, AH01-18, X01-08)	32 days	1 nu 16/4/20	Mon 25/5/20							
1423	17.7.10.11.	2 TDR Test (including test & wait issue result)	2 days	Tue 26/5/20	Wed 27/5/20				5			
1424	17.7.10.11.	3 soil nail head works	10 days	Thu 28/5/20	Mon 8/6/20				•			
1425	17.7.10.12	Phase IV drill install steel bars and arout soil pails	44 days	Tue 9/6/20	Fri 31/7/20				<b>—</b>			
1420	17 7 10 10	(AJ01-18, Y01-07, AH01-18, X01-08)	52 uays		FII 17/7/20							
1427	17.7.10.12.	IDR Test (including test & wait issue result)	2 days	Sat 18/7/20	Mon 20/7/20				<u></u>			
1420	17.7.10.12.	Phase V	10 days	Sat 1/8/20	Ff1 31/7/20 Mon 21/0/20							
1430	17.7.10.13.	drill, install steel bars and grout soil nails	32 days	Sat 1/8/20	Mon 7/9/20		1		<b>-</b>			
1431	17.7.10.13.	2 raking drains	2 days	Tue 8/9/20	Wed 9/9/20				*			
1432	17.7.10.13.	3 TDR Test (including test & wait issue result)	2 days	Thu 10/9/20	Fri 11/9/20							
1433	17.7.10.13.4	4 soil nail head works	8 days	Sat 12/9/20	Mon 21/9/20				T.			
1434	17.7.10.14	300UC (192m), 300SC (135m) & 2 catchpit	34 days	Tue 22/9/20	Tue 3/11/20							
1435	17.7.10.15	berm with handrailing C2409H	9 days	Wed 4/11/20	Fri 13/11/20					5		
1436	17.7.10.16	600mm width concrete maintenance staircase with handrailing	15 days	Sat 14/11/20	Tue 1/12/20					×		
1437	17.7.10.17	biodegradable erosion control mat with hydroseeding (2550m2)	52 days	Wed 2/12/20	Wed 3/2/21					Ť		
1438	17.7.11	Slopeworks: - 3NW-C/C231 (ch1220-1240N/B)	415 days	Thu 12/9/19	Wed 3/2/21							
1439	17.7.11.1	hoarding & fencing	12 days	Thu 12/9/19	Thu 26/9/19			<b></b>				
1440	17.7.11.2	temporary scaffolding	14 days	Fri 27/9/19	Tue 15/10/19			<b>*</b> _				
	17.11.10	relict discontinuities (AS1-A,B, AS2-A,B)	10 udys	Weu 10/10/19	Sal 20/10/19			•				
1442	17.7.11.4	trial pits (A1, A2, A3)	8 days	Mon 28/10/19	Tue 5/11/19			Š.				
1443	17.7.11.5	slope excavation works	1 day	Wed 6/11/19	Wed 6/11/19			h				
1444	17.7.11.6	Phase I	20 days	Thu 7/11/19	Fri 29/11/19			-				
1445	17.7.11.6.1	install test nails PN41-42 & pull out tests	7 days	Thu 7/11/19	Thu 14/11/19			Ť.				
1446	17.7.11.6.2	drill, install steel bars and grout soil nails (BP01-08 BT01-05 BN01-08 BS01-08))	8 days	Fri 15/11/19	Sat 23/11/19			۲,				
1447	17.7.11.6.3	TDR Test (including test & wait issue result)	2 davs	Mon 25/11/19	Tue 26/11/19			*				
1448	17.7.11.6.4	soil nail head works	3 days	Wed 27/11/19	Fri 29/11/19			The second se				
1449	17.7.11.7	Phase II	28 days	Sat 30/11/19	Sat 4/1/20							
1450	17.7.11.7.1	install test nails PN43-44 & pull out tests	6 days	Sat 30/11/19	Fri 6/12/19			<b>F</b>				
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Cont Deve	act No. C	//2017/02 Columbarium at Sandy Ridge Cemetery - Infrastruct	tural Work	s at Man Kam	To Road and Li	n Ma Hang Road	/orks Programme (06)
ID	WBS	Task Name	Duration	Start Date	Completion	2019	2024
					Date	Jun Jan Aug Mar Oct May Dec Jul Feb S	2024
1451	1771172	drill, install steel bars and arout soil pails	14 dave	Sat 7/12/10	Mon 23/12/10	<u>17</u> 27 37 47 5 15 25 35 45 3 13 23 33 43 53 10 20 30 40 50 8 18 28 38 48 6 16 26	36 46 4
1451	11.1.11.1.2	(BM01-09, BR01-13, BL01-09, BQ01-22)	14 Udys	Sdl //12/19	101011 23/12/19		
1452	17.7.11.7.3	TDR Test (including test & wait issue result)	2 days	Tue 24/12/19	Fri 27/12/19	The second se	
1453	17.7.11.7.4	soil nail head works	6 days	Sat 28/12/19	Sat 4/1/20		
1454	17.7.11.8	Phase III	29 days	Mon 6/1/20	Tue 11/2/20		
1455	17.7.11.8.1	install test nails PN45-46 & pull out tests	6 days	Mon 6/1/20	Sat 11/1/20		
1456	17.7.11.8.2	drill, install steel bars and grout soil nails (B.I01-09, BK01-27, BG01-12, BH01-20)	14 days	Mon 13/1/20	Fri 31/1/20		
1457	17 7 11 8 3	TDR Test (including test & wait issue result)	2 days	Sat 1/2/20	Mon 3/2/20		
1458	17.7.11.8.4	soil nail head works	7 days	Tue 4/2/20	Tue 11/2/20	i i i i i i i i i i i i i i i i i i i	
1459	17.7.11.9	Phase IV	41 days	Wed 12/2/20	Mon 30/3/20		
1460	17.7.11.9.1	install test nails PN47-48 & pull out tests	6 days	Wed 12/2/20	Tue 18/2/20		
1461	17.7.11.9.2	drill, install steel bars and grout soil nails (BE01-13, BE01-19, BC01-11, BD01-20)	26 days	Wed 19/2/20	Thu 19/3/20		
1462	17.7.11.9.3	TDR Test (including test & wait issue result)	2 days	Fri 20/3/20	Sat 21/3/20		
1463	17.7.11.9.4	soil nail head works	7 days	Mon 23/3/20	Mon 30/3/20		
1464	17.7.11.10	Phase V	36 days	Tue 31/3/20	Mon 18/5/20		
1465	17.7.11.10.1	install test nails PN49-50 & pull out tests	6 days	Tue 31/3/20	Tue 7/4/20		
1466	17.7.11.10.2	drill, install steel bars and grout soil nails	22 days	Wed 8/4/20	Fri 8/5/20		
1467	17.7.11.10.3	TDR Test (including test & wait issue result)	2 days	Sat 9/5/20	Mon 11/5/20		
1468	17.7.11.10.4	soil nail head works	6 days	Tue 12/5/20	Mon 18/5/20		
1469	17.7.11.11	Phase VI	28 days	Tue 19/5/20	Fri 19/6/20		
1470	17.7.11.11.1	drill, install steel bars and grout soil nails (AW01-24, AX01-05, AU01-21, AV01-08)	20 days	Tue 19/5/20	Wed 10/6/20		
1471	17.7.11.11.2	TDR Test (including test & wait issue result)	2 days	Thu 11/6/20	Fri 12/6/20		
1472	17.7.11.11.3	soil nail head works	6 days	Sat 13/6/20	Fri 19/6/20	$\mathbf{f}$	
14/3	17.7.11.12	Phase VII	23 days	Sat 20/6/20	Sat 18/7/20		
14/4	11.7.11.12.1	(AS01-18 AT01-11 AO01-19 AR01-07)	14 days	Sat 20/0/20	wed 8///20		
1475	17.7.11.12.2	raking drains	1 dav	Thu 9/7/20	Thu 9/7/20		
1476	17.7.11.12.3	TDR Test (including test & wait issue result)	2 days	Fri 10/7/20	Sat 11/7/20		
1477	17.7.11.12.4	soil nail head works	6 days	Mon 13/7/20	Sat 18/7/20	the second se	
1478	17.7.11.13	Phase VIII	28 days	Mon 20/7/20	Thu 20/8/20		
1479	17.7.11.13.1	drill, install steel bars and grout soil nails (AN01-15, AP01-08, AL01-15, AM01-08, AK01-18)	18 days	Mon 20/7/20	Sat 8/8/20		
1480	17.7.11.13.2	raking drains	1 day	Mon 10/8/20	Mon 10/8/20	t t t t t t t t t t t t t t t t t t t	
1481	17.7.11.13.3	TDR Test (including test & wait issue result)	2 days	Tue 11/8/20	Wed 12/8/20	L L L L L L L L L L L L L L L L L L L	
1482	17.7.11.13.4	soil nail head works	7 days	Thu 13/8/20	Thu 20/8/20	5 I I I I I I I I I I I I I I I I I I I	
1483	17.7.11.14	300UC (240m) (with upstand (C2509A)), 300SC (160m) & catchpit 9 nos.	50 days	Fri 21/8/20	Tue 20/10/20		
1485	17.7.11.16	soil replacement by no-fine concrete	6 days	Thu 5/11/20	Wed 11/11/20		
1486	17.7.11.16.1	stage 1	2 days	Thu 5/11/20	Fri 6/11/20		
1487	17.7.11.16.1	temporary cut & excavation of soil	1 day	Thu 5/11/20	Thu 5/11/20		
1488	17.7.11.16.1	placement of no-fine concrete	1 day	Fri 6/11/20	Fri 6/11/20		
1489	17.7 11.16.2	stage 2	2 days	Sat 7/11/20	Mon 9/11/20		
1490	17.7 11 16.2	temporary cut & excavation of soil	1 day	Sat 7/11/20	Sat 7/11/20		
1491	17.7.11.16.2	placement of no-fine concrete	1 day	Mon 9/11/20	Mon 9/11/20		
1492	17 7 11 16 3	stage 3	2 days	Tue 10/11/20	Wed 11/11/20		
1495	17 7 11 16 3	placement of no fine concrete	1 day	Ned 11/11/20	Ned 11/11/20		
1495	17.7.11.17	600mm width concrete maintenance staircase	20 days	Thu 12/11/20	Fri 4/12/20		
1496	17.7.11.17.1	with handrailing (C2101D) stage 1	3 days	Thu 12/11/20	Sat 14/11/20		
1497	17.7.11.17.2	stage 2	3 days	Mon 16/11/20	Wed 18/11/20		
1498	17.7.11.17.3	stage 3	2 days	Thu 19/11/20	Fri 20/11/20		
1499	17.7.11.17.4	stage 4	2 days	Sat 21/11/20	Mon 23/11/20		
1500	17.7.11.17.5	stage 5	2 days	Tue 24/11/20	Wed 25/11/20		
1501	17.7.11.17.6	stage 6	2 days	1 hu 26/11/20	Fri 27/11/20		
1502	10.1.11.11.1	stage /	o days	Sat 20/11/20	FI14/12/20		
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Contra Devel	act No. C	//2017/02 Columbarium at Sandy Ridge Cemetery - Infrastruct	ural Work	s at Man Kam	To Road and I	in Ma Hang Road	Initial Works Programme (06)
ID	WBS	Task Name	Duration	Start Date	Completion	2019	2024
					Date	Jun Jan Aug Mar Oct May Dec Jul	Feb Sep
1503	17,7,11,18	biodegradable erosion control mat with	4 days	Sat 5/12/20	Wed 9/12/20	17 27 37 47 5 15 25 35 45 3 13 23 33 43 53 10 20 30 40 50 8 18 28 38 48	6 16 26 36 46 4
1504	17.7.11.19	75mm thick shotcrete with water base color paints and a layer of A252 wire mesh together with	45 days	Thu 10/12/20	Wed 3/2/21		
1505	10	planter hole & shrub planting					
1505	18	Planned Completion for section 2 of the works	0 days	Wed 3/2/21	Wed 3/2/21		
1507	20	section 3 of the works - Completion of all works	797 days	Thu 31/5/18	Wed 3/2/21 Wed 3/2/21		
		within Parts D and E of the Site	,				
1508	20.1	Parts D	800 days	Mon 26/11/18	Wed 3/2/21		
1507	20-1-1	180 days after the starting date	0 uays	101011 20/11/10	1011 20/11/10		
1510	20.1.2	seek specialist for design, supply and installation of	59 days	Tue 27/11/18	Thu 24/1/19		
1511	2013	the covered walkway	0 dave	Thu 1//2/10	Thu 1//2/10		
1512	20.1.4	design for approval for lighting system for the	150 days	Fri 15/2/19	Sun 14/7/19		
0.510	0014 5	covered walkway					
1513	20.1.5	submit for approval for lighting system for the covered walkway	0 days	Sun 14/7/19	Sun 14/7/19		
1514	20.1.0	acceptance of lighting system for the covered walkway	U days	Sun 4/8/19	Sun 4/8/19		
1515	20.1.7	Coordination with CLP to obtain the electricity supply for the street lighting system (Design for Road B, Road E, Road F(part), Lin Ma Hang Road and Sheung Shui Landmark PTI & Lighting system for the covered walkway)	168 days	Mon 5/8/19	Sun 19/1/20		
1516	20.1.8	design for glazing system of the proposed covered	150 days	Fri 15/2/19	Sun 14/7/19		
1517	20.1.9	submission of glazing system	0 days	Sun 14/7/19	Sun 14/7/19		
1518	20.1.10	acceptance of glazing system and fall arrest system	0 days	Sun 4/8/19	Sun 4/8/19		
1519	20.1.11	by Project Manager design for fall arrest system of the proposed covered	150 days	Fri 15/2/19	Sun 14/7/19		
		walkway at Fanling Station Road	loo aayo	11110/2/10			
1520	20.1.12 20.1.13	submission of fall arrest system acceptance of fall arrest system by Project Manager	0 days 0 days	Sun 14/7/19 Sun 4/8/19	Sun 14/7/19 Sun 4/8/19		
1522	20.1.14	Liaison with MTRC for the works arrangement	30 days	Mon 5/8/19	Tue 3/9/19		
1523	20.1.15	general site clearance	12 days	Wed 4/9/19	Wed 18/9/19		
1524	20.1.16	initial survey	12 days	Thu 19/9/19	Thu 3/10/19		
1525	20.1.17	utility detection and submit reports	8 days	Fri 4/10/19	Mon 14/10/19		
1520	20.1.19	delivery steelworks & glass panel	38 days	1000 5/8/19 Tue 3/12/19	Sat 18/1/20		
1528	20.1.20	application of XP (for Parts D)	0 days	Thu 29/11/18	Thu 29/11/18		
1529	20.1.21	acceptance of XP (for Parts D)	0 days	Thu 30/5/19	Thu 30/5/19		
1530	20.1.22	Construction of Covered Walkway at Fanling Station	390 days	Tue 15/10/19	Wed 3/2/21		
1531	20.1.22.1	construct the concrete foundation of covered walkway (first 20m)	20 days	Tue 15/10/19	Wed 6/11/19		
1532	20.1.22.2	construct the concrete foundation of covered walkway (2nd 20m)	20 days	Thu 7/11/19	Fri 29/11/19		
1533	20.1.22.3	construct the concrete foundation of covered walkway (3rd 20m)	20 days	Sat 30/11/19	Mon 23/12/19		
1534	20 1 22.4	demolished existing planter (drg.WY/1051)	20 days	Sat 30/11/19	Mon 23/12/19		
1535	20.1.22.5	construct the concrete foundation of covered walkway (4th 20m)	20 days	Tue 24/12/19	Sat 18/1/20		
1536	20.1.22,6	construction of covered walkway including steelworks, glass panel and electrical works	265 days	Mon 20/1/20	Wed 9/12/20		
1537	20.1.22.7	Reinstatement of the pavement and street	45 days	Thu 10/12/20	Wed 3/2/21		
1538	20.2	Parts E	782 days	Thu 31/5/18	Sat 16/1/21		
1539	20.2 1	access date for section 3 (Parts E)	0 days	Thu 31/5/18	Thu 31/5/18		
1540	20.2.2	application of XP (for Parts E)	0 days	Thu 30/5/19	Thu 30/5/19		
1541	20.2.3	acceptance of AP (for Parts E) Temporary Traffic Arrangement (TTA) Scheme for	0 days 242 days	rnu 28/11/19 Fri 31/5/19	Mon 27/1/19		
		Sheung Shui Landmark North PTI and Fanling	uuyo				
		Station Road					
Sang H	ling Civil Co	ontractors Company Limited				Page 31/36	IWP(06) 20190531 issued

Co De	ontrac evelop	t No. C ment c	:V/2017/02 of Columbarium at Sandy Ridge Cemetery - Infrastruct	tural Work	s at Man Kam	To Road and	Lin Ma Hang F	Road						
ID	1V	VBS	Task Name	Duration	Start Date	Completion	- U	2019						
				2		Date	Jun	Jan		Aug	Mar	Oct		May
_							17 27	37 47 5	15 2	25 35 45	5 3 13 23 33	43	53	3 10 20 30 40 50
1.	543 20	0.2.4.1	Preparation of TTA for TMLG and acceptance	120 days	Fri 31/5/19	Fri 27/9/19								
			from TD and RMO											
1.	544  20	).2,4,2	Comment & acceptance of TTA scheme by TD &	60 days	Sat 28/9/19	Tue 26/11/19								
-	- 15 01	0.4.0	RMO											
1:	545 20	).2.4.3	Obtain roadwork advice from RMO	60 days	Fri 29/11/19	Mon 27/1/20				-				
1	046 20	).2.5	general site clearance	12 days	Wed 29/1/20	Tue 11/2/20								
13	547 20	1.2.6	initial Survey	14 days	Wed 12/2/20	Thu 27/2/20								
1	048 20	).2.7	utility detection and submit reports	14 days	Fri 28/2/20	Sat 14/3/20					l in the second se		11   1	
15	049 20	).2.8	Road Improvement works at Sheung Shui Landmark	250 days	Mon 16/3/20	Sat 16/1/21						-		
1			North PTI											
12	50 20	J.Z.8.1	saw cut and remove existing pavement	10 days	Mon 16/3/20	Thu 26/3/20					1 T			
	051 20	).2.8.2	remove existing kerb and railings	14 days	Fri 27/3/20	Thu 16/4/20					11 <b>ž</b> i 1			
13	52 20	0.2.8.3	demolish existing slope planter wall	21 days	Fri 17/4/20	Wed 13/5/20					-1 -1			
	53 20	).2.8.4	construct slope planter wall	60 days	Thu 14/5/20	Fri 24/7/20							117	
1.	54 20	).2.8.5	construct kerb backing & lay kerb	30 days	Sat 25/7/20	Fri 28/8/20								
1	20	).2.8.6	construct concrete & bituminous pavement for	30 days	Sat 29/8/20	Mon 5/10/20								
			road and central refuge											
1	056 20	).2.8.7	relocate existing street lighting (DD0398)	30 days	Tue 6/10/20	Tue 10/11/20					11	1		
1:	57 20	).2.8.8	install type 2 railing, traffic & directional signs	45 days	Wed 11/11/20	Tue 5/1/21							h ľ	
	EQ. 64	1000												
12	50 20	).2.8.9	road markings	10 days	Wed 6/1/21	Sat 16/1/21								
13	59 21		Planned Completion for section 3 of the works	0 days	Wed 3/2/21	Wed 3/2/21								1
15	60 22	2	Completion Date for section 3 of the works	0 days	Wed 3/2/21	Wed 3/2/21							+	10
1:	061 23	<b>3</b> 92	section 4 of the works - Completion of Establishment	1095 days	Thu 4/2/21	Sat 3/2/24							1	
			works for the Landscape Softworks within Parts A1,											
14	62 00		A2 and B of the Site	4005 1		0.1010/04							/ I V	
ΠĘ	02 23	). I	Establishment works for the Landscape Softworks	1095 days	1 hu 4/2/21	Sat 3/2/24							1 1	
1.5	62 04		within Parts A1, A2 and B of the Site	0.1	0-10/0/04	0-10/0/04					8		111	
1.	64 24		Planned Completion for section 4 of the works	0 days	Sat 3/2/24	Sat 3/2/24								
14	65 20	,	Completion Date for section 4 of the works	U days	Sat 3/2/24	Sat 3/2/24							111	
1315	203 20	,	section 5 of the works - Completion of Establishment	1095 days	1nu 4/2/21	Sat 3/2/24							H	
			works for the Landscape Softworks within Parts C1										111	
15	66 26	1	Establishment works for the Londscope Softworks	1005 dava	Thu 4/2/21	Cat 2/2/24								
1.0	100 20		within Parts C1 and C2 of the Site	1095 days	1110 4/2/21	Sal 3/2/24								
15	67 27	,	Planned Completion for section 5 of the works	0 dave	Sat 3/2/21	Cat 2/2/24								
15	68 28		Completion Date for section 5 of the works	0 days	Sat 3/2/24	Sat 3/2/24								
15	69 29		section 6 of the works (section Subject to Excision) -	850 dave	Eri 28/0/18	Mod 3/2/24		-						
1			Completion of all works within Parts A3 and A4 of the	009 uays	11120/3/10	Wed Sizizi		10						
			Site except Establishment works. Extent of works											
			under section 6 of the works is defined in Drawing											
			No.: 231448/C2/G/1031											
15	70 29	1.1	Parts A3	859 days	Fri 28/9/18	Wed 3/2/21							-	
15	71 29	1.1	access date for section 6 (Part A3) - not more than	0 days	Fri 28/9/18	Fri 28/9/18	S	*						
			120 days after the starting date	,										
15	72 29	.1.2	The time for ordering the "section Subject to	0 days	Mon 24/6/19	Mon 24/6/19			1					
			Excision" for section 6 and 7 is within 390 days											
			commencing from and including the starting date											
15	73 29	1.3	form temporary haul road from the south side to	5 days	Tue 25/6/19	Sat 29/6/19	U							
			Parts A3											
15	74 29	1.4	general site clearance & tree felling	12 days	Tue 2/7/19	Mon 15/7/19			1	1				
15	75 29	1.5	initial survey	12 days	Tue 2/7/19	Mon 15/7/19								
15	76 29	1.6	construction of temporary drainage	14 days	Mon 15/7/19	Tue 30/7/19			1	<b>1</b>				
15	77 29	1.7	Construction of Retaining Wall RW14 (Bay 1-Bay	312 days	Fri 26/7/19	Sat 22/8/20								
			6)											
15	78 29	1.7.1	excavation (open cut) to formation (bays 1 to 4)	5 days	Fri 26/7/19	Wed 31/7/19				5				•
15	79 29	1.7.2	temporary soil nails (bays 5 to 7)	23 days	Wed 31/7/19	Mon 26/8/19				<b>i</b>				
15	80 29	1.7.3	predrilling for socketed H-Piling	25 days	Tue 27/8/19	Thu 26/9/19				<b>Man</b>				
15	81 29	1.7.4	construction of socketed H-Pile	185 days	Tue 24/9/19	Thu 21/5/20				ă com				
15	82 29	1.7.5	post drilling for socketed H-Piling	3 days	Fri 22/5/20	Mon 25/5/20					Ť.			
15	83 29	1.7.6	blinding concrete for bays 1 to 7	3 days	Tue 26/5/20	Thu 28/5/20					<b>Š</b>			
15	84 29	1.7.7	base formwork for bay 2, 4 & 6	3 days	Fri 29/5/20	Mon 1/6/20					5			
15	85 29	.1.7.8	base steel fixing for bay 2, 4 & 6	3 days	Mon 1/6/20	Wed 3/6/20					r i			
15	86 29	1.7.9	base concreting & curing for bay 2, 4 & 6	5 days	Thu 4/6/20	Tue 9/6/20					ι ř			
15	87 29	1.7 10	remove base formwork	3 days	Tue 9/6/20	Thu 11/6/20					i i i i i i i i i i i i i i i i i i i			
15	88 29	1.7.11	falsework and formwork for walls of bay 2, 4 & 6	6 days	Thu 11/6/20	Wed 17/6/20					i i i i i i i i i i i i i i i i i i i			
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Sang Hing Civil Contractors Company Limited

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							Initia	l Works	Progra	mme (06)
		Test		_	Eak			Louis :		2024
8	18	28	38	48	Feb 6	16	26	Sep 36	46	4
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## Contract No. CV/2017/02

Deve	opment of	Columbarium at Sandy Ridge Cemetery - Infrastructi	ural Work	s at Man Kam	To Road and L	Lin Ma Hang Road
ID	WBS	Task Name	Duration	Start Date	Completion	2019
					Date	Jun Jan Aug Mar Oct May Dec Jul Feb Sep
1200	004740		40.1	141 1 1710/00		17 27 37 47 5 15 25 35 45 3 13 23 33 43 53 10 20 30 40 50 8 18 28 38 48 6 16 26 36 46 4
1589	29.1.7.12	steel fixing for walls of bay 2, 4 & 6	10 days	Wed 17/6/20	Mon 29/6/20	
1590	29.1.7.13	close formwork for walls of bay 2, 4 & 6	3 days	Mon 29/6/20	Thu 2/7/20	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1592	29.1.7.14	concreting and curing for walls of bay 2, 4 & 0	o days	Thu 9/7/20	100 9/7/20 Sat 11/7/20	
1593	29.1.7.16	hase formwork for bay 1, 3 & 5	3 days	Mon 13/7/20	Med 15/7/20	$\frac{1}{2}$
1594	29.1.7.17	hase steel fixing for hay 1, 3 & 5	3 days	Wed 15/7/20	Fri 17/7/20	
1595	29.1.7.18	base concreting & curing for bay 1, 3 & 5	5 days	Sat 18/7/20	Thu 23/7/20	
1596	29.1.7.19	remove base formwork	3 days	Thu 23/7/20	Sat 25/7/20	
1597	29.1.7.20	falsework and formwork for walls of bay 1, 3 & 5	6 days	Sat 25/7/20	Fri 31/7/20	
1598	29.1.7.21	steel fixing for walls of bay 1, 3 & 5	10 days	Fri 31/7/20	Tue 11/8/20	
1599	29.1.7.22	close formwork for walls of bay 1, 3 & 5	3 days	Tue 11/8/20	Thu 13/8/20	r i i i i i i i i i i i i i i i i i i i
1600	29.1.7.23	concreting and curing for walls of bay 1, 3 & 5	6 days	Fri 14/8/20	Thu 20/8/20	the second se
1601	29.1.7.24	remove falsework and formwork for walls	3 days	Thu 20/8/20	Sat 22/8/20	
1602	29.1.8	backfilling works behind Retaining Wall RW14 (bay1	90 days	Sat 22/8/20	Tue 15/12/20	
1.000		to 6) (include SRT tests)				
1603	29.1.9	Construction of Retaining Wall RW14 Bay 7	27 days	Wed 30/9/20	Mon 9/11/20	
1604	29.1.9.1	base formwork	2 days	Wed 30/9/20	Sat 3/10/20	
1606	29.1.9.2	base steel fixing	3 days	Mon 5/10/20	Wed //10/20	
1607	29.1.9.5	base concreting & curing	3 days	1 nu 8/10/20	Mon 12/10/20	
1608	29.1.9.4	falcowork and formwork for walk	3 dave	Tuo 12/10/20	Thu 15/10/20	
1609	291.9.6	steel fiving for wall	0 days	Fri 16/10/20	Thu 13/10/20	
1610	29.1.9.7	close formwork for wall	2 days	Fri 30/10/20	Mon 2/11/20	
1611	29.1.9.8	concreting and curing for wall	3 days	Tue 3/11/20	Thu 5/11/20	
1612	29.1.9.9	remove falsework and formwork	2 days	Fri 6/11/20	Mon 9/11/20	
1613	29.1.10	backfilling works behind RW14 (bay 7) (include SRT	30 days	Tue 10/11/20	Tue 15/12/20	
		tests)	,			
1614	29.1.11	install instrument for RW14	5 days	Fri 11/12/20	Wed 16/12/20	
1615	29.1.12	construct 300U channel & catchpit in front of RW14	8 days	Fri 11/12/20	Sat 19/12/20	
1616	29.1.13	site formation works for fill slope FS19 and FS20	90 days	Sat 22/8/20	Tue 15/12/20	
		(including in "backfilling works behind Retaining Wall				
1717	00444	RW14 (bay1 to 6)")	<u>.</u> .			
1617	29.1.14	300U channel & stepped channel for FS19 & 20	3 days	Wed 16/12/20	Fri 18/12/20	
1610	29.1.15	Install Instrument for FS19 & FS20	5 days	Wed 16/12/20	Mon 21/12/20	
1019	29.1.10	minor site formation works for cut slope CS25	1 day	Wed 16/12/20	Wed 16/12/20	H
1620	29.1.17	minor site formation works for cut slope CS26	3 dave	Thu 17/12/20	Sat 10/12/20	
	1000.0		5 days	1110 17/12/20	00110/12/20	
1621	29.1.18	install instruments for CS25 & CS26	5 davs	Mon 21/12/20	Mon 28/12/20	
1622	29.1.19	waterworks at Road E	12 days	Mon 21/12/20	Wed 6/1/21	
			, .			
1623	29.1.20	drainage works at Road E	10 days	Thu 31/12/20	Tue 12/1/21	
1624	29.1.21	U channels at Road E	7 days	Tue 5/1/21	Tue 12/1/21	
1625	29.1.22	Roadworks of Road E (ch20-60)	19 days	Wed 13/1/21	Wed 3/2/21	
1626	29.1.22.1	kerbing & sub-base & cross road ducts for UU	11 days	Wed 13/1/21	Mon 25/1/21	
1027	29.1.22.2	aucting for road lighting & construction of	4 days	i nu 21/1/21	Mon 25/1/21	
1628	29 1 22 3	Ingalun system	10 dava	Eri 22/1/24	Tue 2/2/24	
1629	29.1.22.4	street lighting (Drg/ RD/2091)	10 uays 4 dave	Sat 30/1/21	Wed 3/2/21	
1630	29.1.22.5	traffic signs, directional signs, emergency crash	10 dave	Sat 23/1/21	Wed 3/2/21	
		gate, type 2 railing & footpath	i o dayo	OUL LUI II LI	TTOU VILIE I	
1631	29.1.23	Site Formation works for Cut Slope CS24 (include	4 days	Tue 17/9/19	Fri 20/9/19	
		temporary cutting from top of RW12 to toe of CS24)	,			
		(for RW12 bays 1-3)				
1632	29,1.24	install instrument for CS24	5 days	Mon 23/9/19	Fri 27/9/19	<u>7</u>
1633	29.1.25	temporary soil nails between CS20 & RW12 (for	30 days	Mon 23/9/19	Mon 4/11/19	
1/01	004.00	RW12 bays 1-3)				
1634	29.1.26	Construction of Retaining Wall RW12 CH 0-20	67 days	Tue 5/11/19	Fri 24/1/20	
1635	29.1.26.1	plate load tests	3 days	Tue 5/11/19	Thu 7/11/19	
1627	29.1.26.2	blinding concrete for bay 1 to 3	2 days	Fri 8/11/19	Sat 9/11/19	
1637	29.1.20.3	Dase formwork for bay 1 & 3	2 days	Mod 12/11/19	Tue 12/11/19	
1630	29.1.20.4	base steel tixing for bay 1 & 3	4 days	Weg 13/11/19	Sat 10/11/19 Thu 21/11/19	
1640	29.1.26.6	pase concreany a canny for pay 1 a 5 remove base formwork	+ uays 1 day	Fri 22/11/19	Fri 22/11/19	
1641	29.1.26.7	falsework and formwork for walls of hav 1 & 3	4 days	Sat 23/11/19	Wed 27/11/19	
Con .			, augo	Jul 20/11/10		
Sang I	iing Civil Co	untractors Company Limited				Page 33/36

Contract No Developmer	. CV/2017/02 It of Columbarium at Sandy Ridge Cemetery - Infrastruct	ural Work	ks at Man Kam	To Road and I	in Ma Hang Road	ramme (06)
D WBS	Task Name	Duration	Start Date	Completion	2019	2024
				Date	Jun         Jan         Aug         Mar         Oct         May         Dec         Jul         Feb         Sep           17         27         37         47         5         15         25         45         2         12         22         42         52         10         20         20         10         20	2024
1642 29.1.26	.8 steel fixing for walls of bay 1 & 3	10 days	Thu 28/11/19	Mon 9/12/19	17 27 57 47 5 15 25 55 45 5 13 23 55 45 55 10 20 30 40 50 8 18 28 38 48 6 16 26 36 40	6 4
1643 29.1.26	.9 close formwork for walls of bay 1 & 3	2 days	Tue 10/12/19	Wed 11/12/19	R I I I I I I I I I I I I I I I I I I I	
1644 29.1.26	.10 concreting & curing for walls of bay 1 & 3	4 days	Thu 12/12/19	Mon 16/12/19	The second s	
1645 29.1.26	11 remove falsework and formwork for walls	2 days	Mon 16/12/19	Tue 17/12/19	Ĩ	
1646 29,1.26	<sup>12</sup> blinding concrete for bay 2	1 day	Wed 18/12/19	Wed 18/12/19		
1647 29.1.26	13 base formwork for bay 2	1 day	Thu 19/12/19	Thu 19/12/19		
1640 29.1.20	14 base steel fixing for bay 2	2 days	Fri 20/12/19 Mon 22/12/10	Sat 21/12/19		
1650 291.26	.16 remove base formwork	J days	Sat 28/12/19	Sat 28/12/19		
1651 29.1.26	.17 falsework & formwork for walls of hav 2	2 davs	Mon 30/12/19	Tue 31/12/19		
1652 29.1.26	.18 steel fixing for walls of bay 2	7 davs	Thu 2/1/20	Thu 9/1/20		
1653 29.1.26	19 close formwork for walls of bay 2	2 days	Fri 10/1/20	Sat 11/1/20		
1654 29.1.26	20 concreting & curing for walls of bay 2	4 days	Mon 13/1/20	Thu 16/1/20	ιτή τη	
1655 29.1.26	.21 remove falsework and formwork for walls	2 days	Fri 17/1/20	Sat 18/1/20		
1656 29.1.26	<sup>22</sup> install instrument for RW12	5 days	Mon 20/1/20	Fri 24/1/20		
1057 29.1.27	backfilling along Retaining Wall RW12	40 days	Thu 4/6/20	Wed 22/7/20		
1658 29,1.28	Completion of Site Formation works for Cut Slope 25	2 days	Tue 21/7/20	Wed 22/7/20	in the second	
1659 29.1.29	Waterworks at Road F	24 days	Thu 23/7/20	Wed 19/8/20		
1660 29.1.30	Drainage works at Road F	25 days	Thu 20/8/20	Thu 17/9/20		
1661 29.1.31 1662 29.1.32	planter wall for Road E and Road F in Parts A3 UU-Arrange Town Gas & PCCW to lay across Road F (not vet agree)	12 days 14 days	Fri 18/9/20 Mon 5/10/20	Sat 3/10/20 Thu 22/10/20		
1663 29.1.33 1664 29.1.33	Roadworks of Road F (60m)	55 days	Fri 23/10/20	Mon 4/1/21		
1665 29.1.33	<sup>2</sup> ducting for road lighting & construction of	12 davs	Mon 9/11/20	Mon 23/11/20		
	irrigation system	,				
1666 29.1.33 1667 29.1.33	<ul> <li>3 bituminous pavement</li> <li>4 traffic signs, directional signs, type 2 railing &amp; footnath</li> </ul>	12 days 21 days	Tue 24/11/20 Tue 8/12/20	Mon 7/12/20 Mon 4/1/21		
1668 29.1.34	street lighting (Drg/ RD/2091)	6 days	Tue 5/1/21	Mon 11/1/21		
1669 29.1.35	landscaping (bydroseeding)	9 davs	Tue 12/1/21	Thu 21/1/21		
1670 29.1.36	landscaping (shrub planting)	11 days	Fri 22/1/21	Wed 3/2/21		
1671 29.2	Parts A4	590 days	Mon 24/6/19	Wed 3/2/21		
1672 29.2.1	access date for section 6 (Parts A4) - not more than 580 days after the starting date	0 days	Tue 31/12/19	Tue 31/12/19		
1673 29.2.2	The time for ordering the "section Subject to Excision" for section 6 and 7 is within 390 days commencing from and including the starting date	0 days	Mon 24/6/19	Mon 24/6/19		-
1674 29.2.3	general site clearance	15 days	Thu 2/1/20	Sat 18/1/20		
1675 29.2.4	initial survey	11 days	Sat 11/1/20	Thu 23/1/20		
10/0 29.2.5	construction of temporary drainage	15 days	Thu 16/1/20	Wed 5/2/20		
10// 29.2.0	temporary cutting from top of RW12 to toe of CS24 (Include (for RW12 bays 4-6)	/ days	wed 29/1/20	vvea 5/2/20		
1678 29.2.7	install instrument for CS24	3 days	Thu 6/2/20	Sat 8/2/20		
1679 29.2.8	temporary soil nails between CS20 & RW12 (for RW12 bays 4-6)	35 days	Thu 6/2/20	Tue 17/3/20		
1681 20.2.0	Construction of Retaining Wall RW12 CH 21-40	58 days	Wed 18/3/20	Wed 3/6/20		
1682 29292	plate road tests blinding concrete for bay 4 to 6	o uays 2 dave	Mon 23/3/20	THE 2//3/20		
1683 29.2.9.3	base formwork for bay 4 & 6	2 dave	Wed 25/3/20	Thu 26/3/20		
1684 29.2.9.4	base steel fixing for bay 4 & 6	4 days	Fri 27/3/20	Wed 1/4/20		
1685 29.2.9.5	base concreting & curing for bay 4 & 6	3 days	Thu 2/4/20	Mon 6/4/20		
1686 29.2.9.6	remove base formwork	1 day	Tue 7/4/20	Tue 7/4/20		
1687 29.2.9.7	falsework and formwork for walls of bay 4 & 6	3 days	Wed 8/4/20	Tue 14/4/20		
1680 29.2.9.8	steel tixing for walls of bay 4 & 6	8 days	Wed 15/4/20	Fri 24/4/20		
1690 29.2.9.9	Close formwork for Walls of Day 4 & 6 Concreting & curing for walls of bay 4 & 6	∠uays 4 dave	3dt 23/4/20 Tue 28///20	Mon 4/5/20		
1691 29.2.9.1	<ol> <li>remove falsework and formwork for walls</li> </ol>	- days 2 days	Mon 4/5/20	Tue 5/5/20		
1692 29.2.9.1	2 blinding concrete for bay 5	1 day	Wed 6/5/20	Wed 6/5/20		
Sang Hing Civ	il Contractors Company Limited				Page 34/36	
					IWP(06) 2019	90531 issued

CONTRACTINO									
Developmer	t of Columbarium	at Sandy Ridge	Cemetery -	Infrastructural	Works at Mar	Kam To	Road and Lin	Ma Hand	a Road

Contr	act No. C\ opment of	//2017/02 Columbarium at Sandy Ridge Cemetery - Infrastruc	tural Work	s at Man Kam	To Road and I	in Ma Hang Road	rogramme (06)
ID	WBS	Task Name	Duration	Start Date	Completion	2019	2024
					Date	Jun Jan Aug Mar Oct May Dec Jul Feb Sep	12021
1693	29.2.9.13	base formwork for bay 5	1 day	Thu 7/5/20	Thu 7/5/20	1 21 57 17 5 15 25 45 5 15 25 55 45 55 16 20 30 40 50 8 18 28 58 48 6 16 26 36	46 4
1694	29.2.9.14	base steel fixing for bay 5	2 days	Fri 8/5/20	Sat 9/5/20		
1695	29.2.9.15	base concreting & curing for bay 5	3 days	Mon 11/5/20	Wed 13/5/20	<u>5</u>	
1697	29.2.9.17	falsework & formwork for walls of hav 5	2 davs	Fri 15/5/20	Sat 16/5/20		
1698	29.2.9.18	steel fixing for walls of bay 5	7 days	Mon 18/5/20	Mon 25/5/20		
1699	29.2.9.19	close formwork for walls of bay 5	1 day	Tue 26/5/20	Tue 26/5/20	δ.	
1700	29.2.9.20	concreting & curing for walls of bay 5	3 days	Wed 27/5/20	Fri 29/5/20		
1701	29.2.9.21	remove faisework and formwork for walls	1 day 3 dayo	Sat 30/5/20 Mon 1/6/20	Sat 30/5/20		
1702	29.2.10	Site Formation works for Cut Slope CS20	125 davs	Mon 1/6/20	Tue 3/11/20		
1704	29.2.10.1	slope excavation work	19 days	Mon 1/6/20	Mon 22/6/20		
1705	29.2.10.2	temporary scaffolding	5 days	Tue 23/6/20	Mon 29/6/20	έ <u>τ</u>	
1706	29.2.10.3	trial pit TP11	2 days	Tue 30/6/20	Thu 2/7/20		
1707	29.2.10.4	Phase I install test nail PN03 & null out test	6 days	Ffl 3/7/20 Fri 3/7/20	Wed 22/7/20	$\overline{\mathbf{r}}$	
1700		instal test half i Nos a puil out test	0 days	1110/1/20			
1709	29.2.10.4.2	drill, install steel bars and grout soil nails (RL01, RK01-06, RJ01-10)	6 days	Fri 10/7/20	Thu 16/7/20		
1710	29.2.10.4.3	raking drains	1 day	Fri 17/7/20	Fri 17/7/20		
1712	29.2.10.4.4	soil nail head works	∠ uays 2 davs	Sat 10///20 Tue 21/7/20	Wed 22/7/20		
1713	29.2.10.5	Phase II	17 days	Thu 23/7/20	Tue 11/8/20		
1714	29.2.10.5.1	install test nail PN05 & pull out test	6 days	Thu 23/7/20	Wed 29/7/20		
1715	29.2.10.5.2	drill, install steel bars and grout soil nails (RH01-12 RG01-12 SE01-04)	5 days	Thu 30/7/20	Tue 4/8/20	τ, i i i i i i i i i i i i i i i i i i i	
1716	29.2.10.5.3	raking drains	1 day	Wed 5/8/20	Wed 5/8/20	kt − − − − − − − − − − − − − − − − − − −	
1717	20 2 10 5 4	TDP Test (including test & wait issue result)	2 dava	Thu 6/8/20	E# 7/9/20		
1718	29.2.10.5.5	soil nail bead works	2 days 3 days	Sat 8/8/20	Tue 11/8/20		
1719	29.2.10.6	Phase III	9 days	Wed 12/8/20	Fri 21/8/20	H H	
1720	29.2.10.6.1	install test nail PN02 & pull out test	6 days	Wed 12/8/20	Tue 18/8/20	i i i i i i i i i i i i i i i i i i i	
1721	29.2.10.6.2	drill, install steel bars and grout soil nails (RF01-13, SE01-07)	3 days	Wed 19/8/20	Fri 21/8/20		
1722	29.2.10.7	Phase IV	21 days	Sat 22/8/20	Tue 15/9/20	H	
1723	29.2.10.7.1	install test nail PN04 & pull out test	6 days	Sat 22/8/20	Fri 28/8/20	The second s	
1724	29.2.10.7.2	drill, install steel bars and grout soil nails (RE01-14, SD01-08, RC01-15, SC01-03)	7 days	Sat 29/8/20	Sat 5/9/20	β	
1725	29.2.10.7.3	raking drains	1 day	Mon 7/9/20	Mon 7/9/20	$\dot{\tau}$	
1726	29.2.10.7.4	TDR Test (including test & wait issue result)	2 davs	Tue 8/9/20	Wed 9/9/20		
1727	29.2.10.7.5	soil nail head works	5 days	Thu 10/9/20	Tue 15/9/20		
1728	29.2.10.8	Phase V	20 days	Wed 16/9/20	Mon 12/10/20		
1729	29.2.10.8.1	install test nail PN01 & pull out test	6 days	Wed 16/9/20	Tue 22/9/20		
1730	29.2.10.8.2	drill, install steel bars and grout soil nails (RB01-16, SB01-02, RA01-18)	7 days	Wed 23/9/20	Wed 30/9/20		
1731	29.2.10.8.3	raking drains	1 day	Sat 3/10/20	Sat 3/10/20		
1732	29.2.10.8.4	TDR Test (including test & wait issue result)	2 days	Mon 5/10/20	Tue 6/10/20		
1/33	29.2.10.8.5 29.2.10.9	Soil nail head works	4 days	Wed 7/10/20 Tue 13/10/20	Mon 12/10/20		
1735	29.2.10.10	600mm width concrete maintenance staircase	4 days	Thu 29/10/20	Tue 3/11/20		
100.2	00.0 10 11	with handrailing					
1736	29.2.10.11 29.2.11	install instrument for CS20 Site Formation works for Cut Slope CS26 (A4)	4 days 8 days	Thu 29/10/20 Tue 13/10/20	Tue 3/11/20 Thu 22/10/20		
1738	29.2.12	Site Formation works for Cut Slope CS25 (A4)	9 days	Fri 23/10/20	Thu 5/11/20		
1739	29.2.13	complete the construction of U channel at CS 25 and 26	15 days	Wed 4/11/20	Mon 23/11/20		
1740	29.2.14	planter wall	10 days	Wed 18/11/20	Sat 28/11/20		
Sang	Hing Civil C	ontractors Company Limited				Page 35/36	) 20190531issued

Contract No.	CV/2017/02
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Development of Columbarium at Sandy Ridge Cemetery - Infrastructural Works at Man Karn To Road and Lin Ma Hang Road

ID	WBS	Task Name	Duration	Start Date	Completion			-	2	019									_						
	Constraint in	mini yana mu			Date		Jun		J	an		A	Aug		Mar			Oct			May	1		D	)ec
						17	7 27	37	47	5	15	25	35	45	3 1	3 23	33	43	53	10	)	20 3	30	40	50
1741	29.2.15	Waterworks at Road B	8 days	Tue 24/11/20	Wed 2/12/20													1							
	-																								
1742	29.2.16	Sewerage works at Road B	7 days	Fri 27/11/20	Fri 4/12/20																				
1242	00.047		7.1																						
1/43	29.2.17	Drainage works at Road B	/ days	Mon 30/11/20	Mon //12/20													0							
1744	20.2.19	LUL America Taura Cas & DCCM/ to law applies (act	11 40.00	Tue 9/40/00	Med 02/10/00														Ł						
1744	23.2.10	OU - Arrange Town Gas & POUV to lay caples (not agreed yet)	14 days	Tue 0/12/20	wed 23/12/20																				
1745	29.2.19	Boodworks of Pood B ( $\Delta I_{\rm ch} = 0.130$ )	23 dave	Med 23/12/20	Thu 21/1/21																				
1746	29.2.19.1	kerbing, sub-base & cross road duct (RD/2061	/ dave	Wed 23/12/20	Tue 20/12/20														Ŧ						
11.10		2081)	4 uays	WGU 20/12/20	100 20/12/20																				
1747	29.2.19.2	ducting for road lighting & construction of	4 days	Tue 29/12/20	Sat 2/1/21														*						
		irrigation system																							
1748	29.2.19.3	bituminous pavement	7 days	Sat 2/1/21	Sat 9/1/21														*						
1749	29.2.19.4	traffic signs, directional signs, type 2 railing &	12 days	Fri 8/1/21	Thu 21/1/21														The second secon						
		footpath																							
1750	29.2.20	street lighting (Drg/ RD/2091)	4 days	Thu 21/1/21	Mon 25/1/21														T						
1751	29.2.21	landscaping (hydroseeding)	7 days	Mon 25/1/21	Mon 1/2/21																				
1752	29.2.22	landscaping (shrub planting)	5 days	Fri 29/1/21	Wed 3/2/21														F						
1753	30	Planned Completion for section 6 of the works	0 days	Wed 3/2/21	Wed 3/2/21														•						
1754	31	Completion Date for section 6 of the works	0 days	Wed 3/2/21	Wed 3/2/21														+						
1755	32	section 7 of the works (section Subject to Excision) -	1095 days	Thu 4/2/21	Sat 3/2/24																_	_			_
		Completion of Establishment works for the																							
1000		Landscape Softworks within Parts A3 and A4 of the																							
1756	32.1	Establishment works for the Landscape Softworks	1095 days	Thu 4/2/21	Sat 3/2/24														<b></b>						
1000		within Parts A3 and A4 of the Site																							
1/5/	33	Planned Completion for section 7 of the works	0 days	Sat 3/2/24	Sat 3/2/24													0							
1758	34	Completion Date for section 7 of the works	0 days	Sat 3/2/24	Sat 3/2/24																				

2024 8 18 28 38 48 6 16 26 36 46 4 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	rogramme (06)	Initial Works	
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# Appendix LJ

## **Environmental Site Inspection Checklist**

Z:Jobs/2018/TCS00944 (CV-2017-02)/600/Weekly Site Inspection/Proposal on the Site Inspection, Deficiency and Action Reporting Procedures/R0152v4a.doc Action-United Environmental Services and Consulting

Envir	onmenta	al Te	am –S	Site Inspe	ction an	d Enviro	nmental	Audit C	hecklis	st			A	UE3
Project	::	Deve Cem and	elopme etery - Lin Ma	ent of Co - Infrastruct Hang Road	olumbariu ural Work	im at S ks at Man I	andy Rie Kam To Re	dge oad	Chec	klist N	<b>o</b> : <u>CE</u>	-32/2010	-(CE)-	
Contract No.:		CED	D Con	tract No. CV	/2017/02				Inspe	ected b	oy:			
Permit No.:		EP-5	534/201	7/A					IEC		_			
Date:									RE FT		_			
Time:									EO/C	ontrac	tor	SHCC		
PART	A: GI	ENER	AL INF	ORMATION										
Weathe	<u>er:</u> Sur	nny		Fine		Cloudy		Rainy		-	Temp	erature:	° <b>(</b>	C
<u>Humidit</u>	<u>ty:</u> Hig	h		Moderate		Low		<u>.</u>	_					
	Stro	ong ITF ∆		Breeze		Light		Calm						
Note:	Not Obs.	: Not	Observ	ed; Yes: Co	mpliance;	No: Non-Co	ompliance;		Not	Maa		Follow		Photo/
	Follow U	<b>lp</b> : Ob	servati	ons requiring	follow-Up	actions N	Not Ap	plicable	Obs.	Yes	NO	Up	N/A	Remarks
Sectio	n 1: Wate	er Qu	ality											
1.01	Is effluen	t discl	narge li	cence for the	e Contract	obtained?								
1.02	Is the dis	charg	e of tur	bid water avo	oided?									
1.03	Are there	e prop	er des	ilting facilitie	s in the c	Irainade sv	stems to r	educe SS						
1.04	levels in	effluer	nt?	oorth hunda	or cond	hag harria	ra providor	to direct						
1.04	surface r	un-off	to silt r	emoval facili	ties?	bag barner	is provided							
1.05	Are there storm rur	e any p noff fro	perimeto m cros	er cut-off dra sing the site	ins provide ?	ed at site bo	oundaries to	o intercept						
1.06	ls draina	ge sys	stem we	ell maintaineo	: ?									
1.07	Are dike	sor	embanl	ments for f	lood prote	ection imple	emented a	round the		_	_	_	_	
	boundari facilitate	es of e the ru	earthwo noff dis	ork areas; Ar charge into a	e tempora an appropr	ry ditches s iate waterc	should be p ourse.	orovided to						
1.08	Are earth	nworks 12	s final s	surfaces or e	exposed s	lope surfac	e well com	npacted or						
1.09	Are man	noles a	adequa	tely covered	or tempor	arily sealed	l?							
1.10	Are there	e any p	procedu	ires and equ	ipment for	rainstorm p	protection?							
1.11	Are there	e any v	vheel w	ashing facili	ties?									
1.12	Are there	whee	el washi	ing facilities	well mainta	ained?								
1.13	Is runoff	from v	vheel w	ashing facilit	ies avoide	d?								
1.14	Are there	toilet	s provio	ded on site?										
1.15	Are toilet	s prop	erly ma	aintained?										
1 16	Are there	anvy	, ehicles	and plant w	ithin the si	te?								
1.10	Is the oil	leaka	ne or sr	village from v	vehicle or r	lant avoide	vd?							
		iounu												
1.18	Are fuel areas, wi largest ta nearby?	tanks thin bi ink to	and st unds of prevent	corage areas a capacity e t spilled fuel	qual to 11 oils from re	with locks 0% of the s eaching wat	and sited torage caps ter sensitive	on sealed acity of the e receivers						
1.19	Are there	e any	measu	ires to preve	ent leaked	oil from e	entering the	e drainage						
1.20	Are there	any r	neasur	es to collect	spilt ceme	nt and conc	rete washii	ngs during						
1.21	Are mobi	le toile	ets prov	vided on site	and locate	d away fror	n the strea	m course?						
1.22	Is license	ed coll	ector e	mployed for	handling tl	he waste ge	enerated fr	om mobile						
1.23	Are cons	tructio	on solid	waste, deb	ris and rul	bbish on sit	te collected	d, handled						
1.24	Are notic discharge	es po any	sted a	t conspicuou or wastewa	ter into the	is to remine e nearby en	d the work	ers not to						

**AUFS** 

Note:	Not Obs.: Not Observed; Yes: Compliance; No: Non-Compliance; Follow Up: Observations requiring follow-Up actions N/A: Not Applicable	Not Obs.	Yes	No	Follow Up	N/A	Photo/ Remarks
Bargi	ng point at Siu I am						
1.25	Are all barges fitted with tight bottom seals to prevent leakage of materials during transport?						
1.26	Are barges or hoppers not be filled to a level that will cause overflow of materials or polluted water during loading or transportation?						
1.27	Are all vessels sized so that adequate clearance is maintained between vessels and the seabed in all tide conditions, to ensure that undue turbidity is						
1.28	Is loading of barges and hoppers controlled to prevent splashing of material into the surrounding water?						
Sectio	on 2: Air Quality						
2.01	Are active works area provided with dust suspension measures, such as waster spraving?						
2.02	Are the access roads sprayed with water to maintain the entire road surface wet or paved?						
2.03	Is excavated or stockpile of dusty material covered entirely by impervious sheeting or sprayed with water to maintain the entire surface wet?						
2.04	Are dusty materials remaining after a stockpile removed maintained in wet with water and cleared from the surface of roads?						
2.05	Is stockpile of dusty material not be extended beyond the pedestrian barriers, fencing or traffic cones?						
2.06	Are the load of dusty materials on a vehicle leaving a construction site covered entirely by impervious sheeting to ensure that the dusty materials do not leak from the vehicle?						

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- 2.07 Are vehicle wheel washing facilities provided at each construction site exit and every vehicle washed to remove any dusty materials from its body and □ wheels immediately before leaving the construction site?
- 2.08 Are hoardings of not less than 2.4m high provided along the site boundary, which adjoins areas accessible to the public?
- 2.09 Is the portion of any road leading only to construction site that is within 30m of a vehicle entrance or exit kept clear of dusty materials? □
- 2.10 Are surfaces where any pneumatic or power-driven drilling, cutting, polishing or other mechanical breaking operation takes place sprayed with water or a dust suppression chemical continuously
- 2.11 Is any area that involves demolition activities 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?
- 2.12 Is any skip hoist for material transport totally enclosed by impervious sheeting?
- 2.13 Is the loading of materials to a level higher than the side and tail boards during transportation by vehicles avoided?
- 2.14 Is every stock of more than 20 bags of cement or dry pulverised fuel ash (PFA) covered entirely by impervious sheeting or placed in an area sheltered on the top and the 3 sides?
- 2.15 Is exposed earth properly treated by compaction, turfing, hydroseeding, vegetation planting or sealing with latex, vinyl, bitumen, shortcrete or other suitable surface stabiliser?
- 2.16 Are site vehicles travelling within the speed limit not more than 10km/hour?
- 2.17 Is dark smoke emission from plant/equipment avoided?
- 2.18 Is open burning avoided?
- 2.19 All non-road mobile machinery (NRMM) using on site are granted and displayed with the approval/ exemption labels under the regulation?

#### Barging point at Siu Lam

Duryn	ig point at old Lam					
2.20	Is road surface within the barging facilities paved?					□
		_	_	_	_	_
2.21	Are dust enclosures provided for the loading ramp, installation of 3-sided screen with top cover and the provision of water sprays at the discharge point provided?					□
2.22	Are vehicles required to pass through designated wheel wash facilities?	_	_	_	_	_
	······································					
2.23	Is continuous water spray provided at the loading point?					□

### Env

Environmental Team –Site Inspection and Environmental Audit Checklist											
Note:	Not Obs.: Not Observed; Yes: Compliance; No: Non-Compliance; Follow Up: Observations requiring follow-Up actions N/A: Not Applicable	Not Obs.	Yes	No	Follow Up	N/A	Photo/ Remarks				
Sectio	on 3: Noise										
3.01	Are noisy equipment and activities positioned as far as practicable from the sensitive receivers?										
3.02	Is silenced equipment adopted?										
3.03	Is idle equipment turned off or throttled down?										
3.04	Are all plants and equipments well maintained and in good condition?										
3.05	Are noise barriers or enclosures provided at areas where construction activities cause noise impact on sensitive receivers?										
3.06	Are hand held breakers fitted with valid noise emission labels during operation?										
3.07	Are air compressors fitted with valid noise emission labels during operation?										
3.08	Are flaps and panels of mechanical equipment closed during operation?										
3.09	Are Construction Noise Permit(s) applied for percussive piling works or construction activities out of restricted hours?										
Sectio	n 4: Waste/Chemical Management										
4.01	Is Waste Management Plan submitted to Engineer for approval?										
4.02	Are receptacles available for general refuse collection?										
4.03	Is general refuse sorting or recycling implemented?										
4.04	Is general refuse disposed of properly and regularly?										

4.04	Is general refuse disposed of properly and regularly?				
4.05	Is the Contractor registered as a chemical waste producer?				
4.06	Are the chemical waste containers properly labelled?				
4.07	Are the chemical wastes stored in proper storage areas?				
4.08	Is the chemical waste storage area properly labelled?				
4.09	Is the chemical waste storage area used for storage of chemical waste only?				
4.10	Are incompatible chemical wastes stored in different areas?				
4.11	Are the chemical wastes disposed of by licensed collectors?				
4.12	Are trip tickets for chemical wastes disposal available for inspection?				
4.13	Are chemical/fuel storage areas bunded?				
4.14	Are designated areas identified for storage and sorting of construction				
4.15	wastes? Are construction wastes sorted (inert and non-inert) on site?	_	_	_	
1 16	Are construction wastes reused?				
4.10					
4.17	Is construction waste disposed of properly?				
4.18	Are site hoardings and signboards made of durable materials instead of timber?				
4.19	Is trip ticket system implemented for the disposal of construction wastes and				
4.20	Is relevant license/ permit for disposal of construction waste or excavated				
	materials available for inspection?			 	
Sectio	n 5: Landscape & Visual	 		 	
5.01	Are retained and transplanted trees in health condition?				
5.02	Are retained and transplanted trees properly protected?			П	

## Environmental Team –Site Inspection and Environmental Audit Checklist

Note:	Not Obs.: Not Observed; Yes: Compliance; No: Non-Compliance; Follow Up: Observations requiring follow-Up actions N/A: Not Applicable	Not Obs.	Yes	No	Follow Up	N/A	Photo/ Remarks
5.03	Are surgery works carried out for the damaged trees?						
5.04	Is damage to trees outside site boundary due to construction activities avoided?						
Sectio	n 6: Others						
6.01	Are relevant Environmental Permits posted at all vehicle site entrances/exits?						
6.02	Is stagnant water accumulated in works area avoided to prevent mosquito breeding?						