#### QUARTERLY EM&A REPORT

OSCAR Bioenergy Joint Venture

Contract No. EP/SP/61/10
Organic Waste Treatment Facilities
Phase 1:
Forth Quarterly EM&A Summary
Report

1 March 2016 - 31 May 2016

#### **Environmental Resources Management**

16/F, Berkshire House, 25 Westlands Road, Quarry Bay, Hong Kong Telephone: (852) 2271 3000 Facsimile: (852) 2723 5660 E-mail: post.hk@erm.com http://www.erm.com Meinhardt Infrastructure and Environment Limited

# Organic Waste Treatment Facilities, Phase I

4<sup>th</sup> Quarterly EM&A Summary Report (1 March 2016 – 31 May 2016)

(June 2015)

Verified by:	Helen Cochrane
Position: <u>Ind</u>	ependent Environmental Checker
Date:	23 June 16

OSCAR Bioenergy Joint Venture

Contract No. EP/SP/61/10
Organic Waste Treatment Facilities
Phase 1:
Forth Quarterly EM&A Summary
Report

1 March 2016 - 31 May 2016 Reference 0279222

For and on behalf of ERM-Hong Kong, Limited
Approved by: Frank Wan
Signed: Machine
Position: Partner
Certified by:  (Environmental Team Leader - Mandy To)  Certified by:  (Registered Landscape Architect No. R-150 - Albert Chung)
Date:30 June 2016

#### **CONTENTS**

	EXECUTIVE SUMMARY	1
1	INTRODUCTION	1
1.1	PURPOSE OF THE REPORT	1
1.2	STRUCTURE OF THE REPORT	1
2	PROJECT INFORMATION	3
2.1	BACKGROUND	3
2.2	GENERAL SITE DESCRIPTION	4
2.3	CONSTRUCTION ACTIVITIES	4
2.4	PROJECT ORGANISATION AND MANAGEMENT STRUCTURE	4
2.5 STATUS OF ENVIRONMENTAL APPROVAL DOCUMENTS		
3	ENVIRONMENTAL MONITORING REQUIREMENT, ENVIRONMENTA MITIGATION MEASURES	L 6
4	IMPLEMENTATION STATUS ON ENVIRONMENTAL PROTECTION REQUIREMENTS	7
5	WASTE MANAGEMENT	8
6	ENVIRONMENTAL INSPECTIONS	9
6.1	WEEKLY SITE AUDITS	9
6.2	LANDSCAPE AND VISUAL AUDIT	9
6.3	EFFECTIVENESS OF MITIGATION MEASURES AND MONITORING	10
7	ENVIRONMENTAL NON-CONFORMANCE	11
7.1	SUMMARY OF ENVIRONMENTAL NON-COMPLIANCE	11
7.2	SUMMARY OF ENVIRONMENTAL COMPLAINT	11
7.3	SUMMARY OF ENVIRONMENTAL SUMMON AND SUCCESSFUL PROSECUTION	11
8	CONCLUSIONS	12
	LIST OF TABLES	
TABLE 2.1	SUMMARY OF CONSTRUCTION ACTIVITIES UNDERTAKEN IN REPORTING PERIOD	
TABLE 2.2	SUMMARY OF ENVIRONMENTAL LICENSING, NOTIFICATION AND PERMIT STATUS	

#### TABLE 5.1 QUANTITIES OF WASTE GENERATED FROM THE PROJECT

#### LIST OF ANNEXES

ANNEX A	LOCATION OF PROJECT
ANNEX B	WORKS LOCATION
ANNEX C	CONSTRUCTION PROGRAMME FOR THE PROJECT
ANNEX D	PROJECT ORGANIZATION CHART WITH CONTACT DETAIL
ANNEX E	IMPLEMENTATION SCHEDULE OF MITIGATION MEASURES
ANNEX F	WASTE FLOW TABLE
ANNEX G	ENVIRONMENTAL COMPLAINT, ENVIRONMENTAL SUMMONS AND PROSECUTION LOG

#### **EXECUTIVE SUMMARY**

The construction works of *No. EP/SP/61/10 Organic Waste Treatment Facilities Phase I (the Project)* commenced on 21 May 2015. This is the fourth quarterly Environmental Monitoring and Audit (EM&A) summary report presenting the EM&A works carried out during the period from 1 March 2016 to 31 May 2016 in accordance with the EM&A Manual.

#### **Environmental Monitoring and Audit Progress**

A summary of the monitoring activities undertaken in this reporting period is listed below:

• Joint Environmental Site Inspection

14 times

• Landscape & Visual Monitoring

7 times

#### Waste Management

Waste generated from this Project includes inert construction and demolition (C&D) materials (public fill) and non-inert C&D materials (construction wastes).

Environmental Exceedance/Non-conformance/Compliant/Summons and Prosecution

No exceedance was recorded during the reporting period.

No non-compliance event was recorded during the reporting period.

No environmental complaint and summon/prosecution was received in this reporting period.

#### 1 INTRODUCTION

ERM-Hong Kong, Limited (ERM) was appointed by OSCAR Bioenergy Joint Venture (the Contractor) as the Environmental Team (ET) to undertake the Environmental Monitoring and Audit (EM&A) programme for the *Contract No. EP/SP/61/10 of Organic Waste Treatment Facilities Phase I (the Project)*.

#### 1.1 Purpose of the Report

This is the third quarterly EM&A summary report, which summarizes the impact monitoring results and audit findings for the EM&A programme during the reporting period from 1 March 2015 to 31 May 2016.

#### 1.2 STRUCTURE OF THE REPORT

The structure of the report is as follows:

#### Section 1: **Introduction**

It details the scope and structure of the report.

#### Section 2: **Project Information**

It summarises background and scope of the Project, site description, project organization, construction programme, the construction works undertaken and the status of Environmental Permits (EP)/licences over the construction phase of the Project.

#### Section 3: Environmental Monitoring Requirements

It summarises the environmental monitoring including monitoring parameters, monitoring programmes, monitoring frequency, monitoring locations, Action and Limit Levels, Event/Action Plans, environmental mitigation measures as recommended in the approved EIA report, EP and relevant environmental requirements stated in the Contract Specification.

## Section 4: **Implementation Status on Environmental Mitigation Measures**It summarises the implementation of environmental protection measures during the reporting period.

#### Section 5: Waste Management

It summarises the quantity of public fill and construction waste generated in the reporting period

#### Section 6: **Environmental Site Inspection**

It summarises the audit findings of the weekly site inspections undertaken within the reporting period.

#### Section 7: Environmental Non-conformance

It summarises any exceedance of environmental performance standard, and environmental complaints and environmental summons received within the reporting period.

Section 8 : Conclusions

#### PROJECT INFORMATION

#### 2.1 BACKGROUND

2

The Organic Waste Treatment Facilities (OWTF) Phase I development (hereinafter referred to as "the Project") is to design, construct and operate a biological treatment facility with a capacity of about 200 tonnes per day and convert source-separated organic waste from commercial and industrial sectors (mostly food waste) into compost and biogas through proven biological treatment technologies.

The environmental acceptability of the construction and operation of the Project had been confirmed by findings of the associated Environmental Impact Assessment (EIA) Study completed in 2009. The Director of Environmental Protection approved this EIA Report under the Environmental Impact Assessment Ordinance (EIAO) (Cap. 499) in February 2010 (Register No.: AEIAR-149/2010) (hereafter referred to as the approved EIA Report). Subsequent Report on Re-assessment on Environmental Implications and Report on Re-assessment on Hazard to Life Implications were completed in 2013, respectively.

An Environmental Permit (EP) (No. EP-395/2010) was issued by the Environmental Protection Department (EPD) to the EPD, the Permit Holder, on 21 June 2010 and varied on 18 March 2013 (No. EP-395/2010/A) and 21 May 2013 (No. EP-395/2010/B), respectively. The Design Build and Operate Contract for the OWTF (Contract No. EP/SP/61/10 Organic Waste Treatment Facilities Phase I (the Contract)) was awarded to SITA Waste Services Limited, ATAL Engineering Limited and Ros-Roca, Sociedad Anonima jointly trading as the OSCAR Bioenergy Joint Venture (OSCAR or the Contractor). A Further EP (No. FEP-01/395/2010/B) was issued by the EPD to the OSCAR on 16 February 2015. Variation to both EPs No. EP-395/2010/B and No. FEP-01/395/2010/C and No. FEP-01/395/2010/C, were issued by the EPD on 21 December 2015.

Under the requirements of Condition 5 of the EP (No. FEP-01/395/2010/C), an Environmental Monitoring and Audit (EM&A) programme as set out in the Agreement No. CE7/2008 (EP) EM&A Manual (hereinafter referred to as EM&A Manual) is required to be implemented. ERM-Hong Kong, Ltd (ERM) has been appointed by OSCAR as the Environmental Team (ET) to undertake the EM&A programme for the Contract.

The construction works commenced on 21 May 2015 and are scheduled for completion by April 2017.

#### 2.2 GENERAL SITE DESCRIPTION

The Project Site is located at Siu Ho Wan in North Lantau with an area of about 2 hectares. The layout of the upgrading works is illustrated in *Annex A*.

#### 2.3 CONSTRUCTION ACTIVITIES

A summary of the major construction activities undertaken in the reporting period is shown *Table 2.1*. The locations of the construction activities are shown in *Annex B*. The construction programme of the Project is presented in *Annex C*.

#### Table 2.1 Summary of Construction Activities Undertaken in the Reporting Period

#### **Construction Activities Undertaken**

- Superstructure, Construction and Raft Foundation Works for Building 1;
- Construction and Superstructure Works for Building 2;
- Excavation, Raft Foundation and Superstructure Works for Building 3;
- Installation and Erection Works for AD Tank;
- Excavation, Raft Foundation and Superstructure Works for Biogas Holder and Biogas Plant
- Installation Works for Ammonia Stripping Plant
- Construction Works for Boundary Wall and Boundary Fence Wall;
- Construction Works for Second Site Access; and
- Construction Works for Site-wide Drainage.

#### 2.4 PROJECT ORGANISATION AND MANAGEMENT STRUCTURE

The project organisation chart and contact details are shown in *Annex D*.

#### 2.5 STATUS OF ENVIRONMENTAL APPROVAL DOCUMENTS

A summary of the valid permits, licences, and/or notifications on environmental protection for this Project is presented in *Table 2.2*.

Table 2.2 Summary of Environmental Licensing, Notification and Permit Status

Permit/ Licenses/	Reference	Validity Period	Remarks
Notification			
Environmental Permit	FEP-	Throughout the	Permit granted on 21
	01/395/2010/C	Contract	December 2015
Notification of	Ref No. 386715	Throughout the	-
Construction Works		Contract	
under the Air Pollution			
Control (Construction			
Dust) Regulation			
Effluent Discharge	WT00021482-	21 May 2015 - 31	Approved on 21 May
License	2015	May 2020	2015
Construction Noise	GW-RW0001-16	15 January 2016 - 14	-
Permit		July 2016	
			-
Chemical Waste Producer	WPN 5213-961-	Throughout the	Approved on 29 April
Registration	O2231-01	Contract	2015
Waste Disposal Billing	Account	Throughout the	-
Account	number: 702310	Contract	

## 3 ENVIRONMENTAL MONITORING REQUIREMENT, ENVIRONMENTAL MITIGATION MEASURES

All the relevant environmental mitigation measures listed in the EIA Report and EM&A Manual are summarised in *Annex E*.

According to the EM&A Manual and EP requirement, no air quality, noise and water quality monitoring is required.

Bi-weekly landscape and visual audit is required to ensure that the design, implementation and maintenance of landscape and visual mitigation measures recommended in the EIA Report are fully achieved.

## 4 IMPLEMENTATION STATUS ON ENVIRONMENTAL PROTECTION REQUIREMENTS

The Contractor has implemented environmental mitigation measures and requirements as stated in the approved EIA Report and EM&A Manual. The implementation status of the measures during the reporting period is summarised in *Annex E*.

Wastes generated from this Project include inert construction and demolition (C&D) materials (public fill) and non-inert C&D materials (construction waste). Construction waste comprises general refuse, metals and paper/cardboard packaging materials. Metals generated from the Project are also grouped into construction waste as the materials were not disposed of with others at public fill. Reference has been made to the Monthly Summary Waste Flow Table prepared by the Contractor (see *Annex F*). With reference to the relevant handling records and trip tickets of this Project, the quantities of different types of waste generated in the reporting month are summarised in in *Table 5.1*.

Table 5.1 Quantities of Waste Generated from the Project

Month / Year	Quantity				
	Total Inert C&D	Non-inert C&D Materials (b)			
	Materials Generated (a)	C&D Materials Recycled (c)	C&D Waste Disposed of at Landfill <sup>(d)</sup>	Chemical Waste	
March 2016	299.92 tonnes	22,395.00 kg	22.69 tonnes	0 L	
April 2016	3,186.37 tonnes	60,767.00 kg	37.63 tonnes	255.00 L	
May 2016	1,612.33 tonnes	13,490.00 kg	40.73 tonnes	0.00 L	

#### **Notes:**

- (a) Inert C&D materials (public fill) include bricks, concrete, building debris, rubble and excavated spoil. In total, 5,098.62 tonnes of inert C&D material were generated from the Project, of which 203.06 tonnes were reused in this Contract and the remaining 4,895.56 tonnes were disposed as public fill to Fill Banks at Tuen Mun Area 38 and Tseung Kwan O Area 137. The detailed waste flow is presented in *Annex F*.
- (b) Non-inert C&D materials (construction wastes) include metals, paper / cardboard packaging waste, plastics and other wastes such as general refuse. Metals generated from the Project were grouped into construction wastes as the materials were not disposed of with others at the public fill.
- (c) 96,500.00 kg of metals, 152.00 kg of papers/ cardboard packing and 0.00 kg of plastics were sent to recyclers for recycling during the reporting period.
- (d) Construction wastes other than metals, paper/cardboard packaging, plastics and chemicals were disposed of at NENT Landfill by subcontractors.

#### ENVIRONMENTAL INSPECTIONS

#### 6.1 WEEKLY SITE AUDITS

6

Fourteen site inspections were conducted during the reporting period. There was no non-compliance recorded during the site inspections. Follow-up actions were undertaken as reported by the Contractor and observed in the subsequent weekly site inspections conducted in the reporting period.

March 2016

Joint site inspections were conducted by the representatives of the Contractor, SOR and the ET on 4, 11, 16 and 23 March 2016. The IEC was also present at the joint inspection on 16 March 2016.

April 2016

Joint site inspections were conducted by the representatives of the Contractor, SOR and the ET on 1, 8, 15, 20 and 29 April 2016. The IEC was also present at the joint inspection on 20 April 2016.

*May* 2016

Joint site inspections were conducted by the representatives of the Contractor, SOR and the ET 3, 9, 19, 23 and 30 May 2016. The IEC was also present at the joint inspection on 19 May 2016.

#### 6.2 LANDSCAPE AND VISUAL AUDIT

Seven landscape and visual monitoring site inspections were conducted during the reporting period. Follow-up actions needed to be implemented were recommended to the Contractor and the status of the follow-up actions was reviewed during the subsequent weekly site inspections. It was confirmed that most of the necessary landscape and visual mitigation measures as summarised in *Annex I* were implemented by the Contractor.

In accordance with the EM&A Manual, bi-weekly landscape and visual inspection is required to ensure that the design, implementation and maintenance of landscape and visual mitigation measures recommended in the EIA Report are fully achieved. The onsite inspection of the landscape and visual mitigation measures has commenced since June 2015 during weekly site inspections.

March 2016

Bi-weekly site inspections were conducted on 11 and 23 March 2016.

April 2016

Bi-weekly site inspections were conducted on 8 and 20 April 2016.

May 2016

Bi-weekly site inspections were conducted on 3, 19 and 30 May 2016.

Key landscape and visual mitigation measures implemented in the reporting period included:

- Removing the construction materials from the tree protection zone
- Erecting the fencing of tree protection zone to ensure the protection is effective.

#### 6.3 EFFECTIVENESS OF MITIGATION MEASURES AND MONITORING

The mitigation measures recommended in the EIA report and required by the EP are considered effective in minimizing environmental impacts.

The EM&A for the Project was conducted as scheduled during the reporting period. No non-compliance events were observed during site inspections and no exceedances were recorded during this reporting period. The EM&A programme is considered effective.

#### 7 ENVIRONMENTAL NON-CONFORMANCE

#### 7.1 SUMMARY OF ENVIRONMENTAL NON-COMPLIANCE

No non-compliance event was recorded during the reporting period.

#### 7.2 SUMMARY OF ENVIRONMENTAL COMPLAINT

No complaint was received during the reporting period. The cumulative environmental complaint log is shown in *Annex G*.

#### 7.3 SUMMARY OF ENVIRONMENTAL SUMMON AND SUCCESSFUL PROSECUTION

No summon/prosecution was received during the reporting period. The cumulative summons/prosecution log is shown in *Annex G*.

#### 8 CONCLUSIONS

This EM&A Report presents the EM&A works undertaken during the reporting period from 1 March 2016 to 31 May 2016 in accordance with EM&A Manual and requirements of EP (FEP-01/395/2010/C).

No air quality, noise and water quality monitoring is required.

Bi-weekly landscape and visual monitoring was conducted in this quarterly period. Most of the necessary landscape and visual mitigation measures recommended in the EIA Report were implemented by the Contractor. Follow-up actions would be implemented by the Contractor to improve protection measures on the retained or to-be transplanted trees.

No non-compliance event was recorded during the reporting period.

No complaint and summons/prosecution was received during the reporting period.

The ET will keep track on the EM&A programme to ensure compliance of environmental requirements and the proper implementation of all necessary mitigation measures in the coming periods.

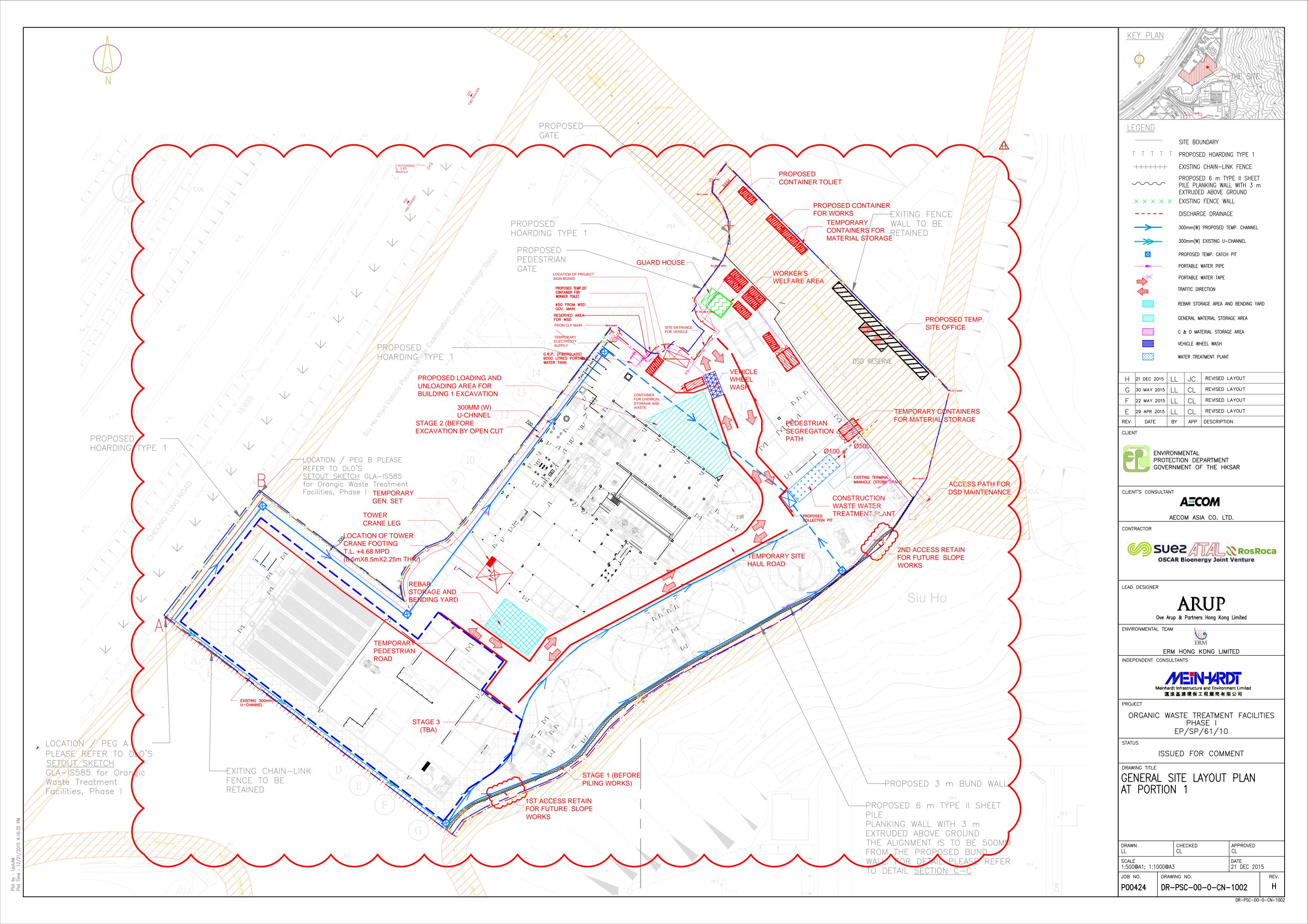
#### Annex A

## Project Layout



#### Annex B

### Works Location

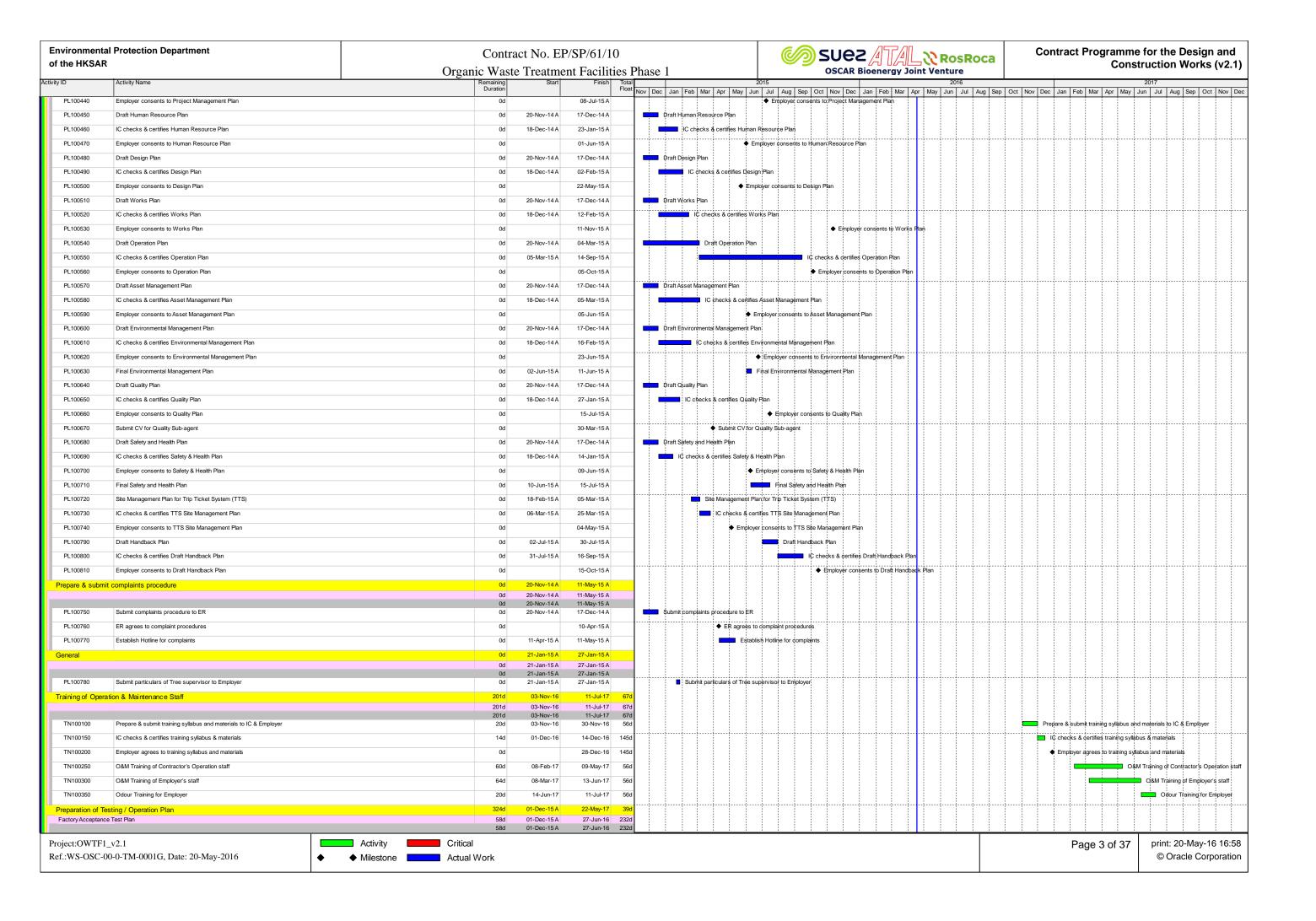


#### Annex C

Construction Programme of the Project

**Environmental Protection Department** SUEZ ATAL & RosRoca **Contract Programme for the Design and** Contract No. EP/SP/61/10 of the HKSAR **Construction Works (v2.1) OSCAR Bioenergy Joint Venture** Organic Waste Treatment Facilities Phase 1 Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Contract No. EP/SP/61/10 - The Design & Construction Works 19-Nov-14 A 19-Nov-14 A 19-Nov-14 A 19-Nov-14 A LETTER OF ACCEPTANCE I LETTER OF ACCEPTANCE KD100200 19-Nov-14 A 19-Nov-14 A MAJOR MILESTONES 16-Jan-15 A 11-Nov-15 A MC1.1 :- Substantial Completion of ER & IC Ac MC110100 MC1.1 - Substantial Completion of ER & IC Accommodation 17-Jun-15 A 16-Jan-15 A MC1.2 - Joint signing of IC Agreement ◆ MC1.2 - Joint signing of IC Agreement MC110200 MC1.3 - Employer's consent granted on draft Contractor's Plans 0d 11-Nov-15 A ◆ MC1.3 - Employer's consent granted on draft Contractor's Plans MC110300 28-Oct-15 A 11-Aug-16 MC2.1 The Employer's consent granted on Detailed Design Submission ♦ MC2.1,1 - Employer's consent granted in respect of Detailed Design of Waste Receiving & Pre-treatment System MC210100 MC2.1.1 - Employer's consent granted in respect of Detailed Design of Waste Receiving & Pre-treatment System 18-Jan-16 A ♦ MC2.1.2 - Employer's consent granted in respect of Detalled Design of Anaerobic Digestion Treatment System MC210200 MC2.1.2 - Employer's consent granted in respect of Detailed Design of Anaerobic Digestion Treatment System 21-Dec-15 A ♦ MC2.1.3 - Employer's consent granted in respect of Detailed Design of Biogas treatment & CHP Generation System MC210300 MC2.1.3 - Employer's consent granted in respect of Detailed Design of Biogas treatment & CHP Generation System Οd 01-Mar-16 A MC2.1.4 - Employer's consent granted in respect of Detailed Design of Composting System 25-Nov-15 A MC210400 MC2.1.4 - Employer's consent granted in respect of Detailed Design of Composting System ◆ MC2.1.5 - Employer's consent granted in respect of Detailed Design of CAPCS & WWTS MC210500 MC2.1.5 - Employer's consent granted in respect of Detailed Design of CAPCS & WWTS 28-Oct-15 A MC2.1.6 - Employer's consent granted in respect of Detail Design of control & instrumentation works 11-Aug-16 ♦ MC2.1.6 - Employer's consent granted in respect of Detail Design of control & instrumentation MC210600 ◆ MC2.1.7 - Employer's consent granted in respect of building services & electrical works MC210700 MC2.1.7 - Employer's consent granted in respect of building services & electrical works 0d 26-Jul-16 MC2,1.8 - Employer's consent granted in respect of Detailed Design of civil, structural & geotechnical works MC2.1.8 - Employer's consent granted in respect of Detailed Design of civil, structural & geotechnical works 27-Jun-16 MC210800 MC2.1.9 - Employer's consent granted in respect of Detailed Design of architectural & landscape works MC210900 MC2.1.9 - Employer's consent granted in respect of Detailed Design of architectural & landscape works Οd 30-May-16 151d MC2.2 Completion of the Design of the Works 11-Aug-16 11-Aug-16 11-Aug-16 MC220100 MC2.2 - Completion of the Design of the Works 11-Aug-16 ◆ MC2.2 - Completion of the Design of the Works MC3 Milestones for Construction of the Works MC3.1 Construction of Civil and Structural Works 209d 22-Jul-15 A 06-Mar-17 159d 22-Jul-15 A 06-Mar-17 159d MC310100 MC3.1.1 - Completion of site formation 23-Jun-16 ◆ MC3.1.1 - Completion of site formation MC3.1.2 - Completion of 50% of piling works 22-Jul-15 A ♦ MC3.1.2 - Completion of 50% of piling works MC310200 ◆ MC3.1.3 - Completion of 100% of piling MC310300 MC3.1.3 - Completion of 100% of piling works Οd 22-Sep-15 A MC3.1.4 - Completion of 50% of superstructure works 17-Mar-16 A ◆ MC3.1,4 - Completion of 50% of superstructure works MC310400 MC310500 MC3.1.5 - Completion of 80% of superstructure works 0d 16-Aug-16 ♦ MC3.1.5 - Completion of 80% of superstructure works 0d MC3.1.6 - Completion of 100% of superstructure works 30-Nov-16 ♦ MC3.1.6 - Completion of 100% of superstructure works MC310600 MC310700 MC3.1.7 - Completion of 100% of drainage, road and geotechnical works 06-Mar-17 159d ♦ MC3.1.7 - Completion of 100% of drainage, road and geo 31-Oct-16 282d MC3.2 Delivery of Materials and Equipment to the Site 15-Jun-16 ♦ MC3.2.1 - Completion of Delivery of Pre-treatment System MC320100 MC3.2.1 - Completion of Delivery of Pre-treatment System 31-Oct-16 2366 MC3.2.2 - Completion of Delivery of Anaerobic Digesters 15-Jun-16 141d ◆ MC3.2.2 - Completio f Delivery of Anaerobic Digesters MC320200 ◆ MC3.2.3 - Completion of Delivery of Combined Heat and Power Units MC320300 MC3.2.3 - Completion of Delivery of Combined Heat and Power Units 0d 21-Sep-16 147d ◆ MC3.2.4 - Completion of Delivery of Composting Tunnels MC320400 MC3.2.4 - Completion of Delivery of Composting Tunnels 31-Oct-16 MC320500 MC3.2.5 - Completion of Delivery of Centralized Air Pollution Control System Οd 30-Sep-16 MC3.2.5 - Completion of Delivery of Centralized Air Pollution Control System ♦ MC3,2.6 - Completion of Delivery of Wastewater Treatment System MC320600 MC3.2.6 - Completion of Delivery of Wastewater Treatment System 27-Sep-16 MC3.3 Equipment and System Installations 97d 16-Dec-16 20-Apr-17 ◆ MC3.3 1 - Completion of Waste Receiving, Storage and Feedi MC3.3.1 - Completion of Waste Receiving, Storage and Feeding System & Pre-treatment System MC3.3.2 - Completion of Anaerobic Digestion Treatment System 0d 02-Feb-17 ◆ MC3.3.2 - Completion of Anaerobic Digestion Treatment System MC330200 ◆ MC3.3.3 - Completion of Biogas Cleaning and Storage System MC330300 MC3.3.3 - Completion of Biogas Cleaning and Storage System 07-Feb-17 ◆ MC3.3.4 - Completion of Heat Recovery and Power Generation Syst MC330400 MC3.3.4 - Completion of Heat Recovery and Power Generation System 19-Jan-17 MC330500 12-Jan-17 ◆ MC3.3.5 - Completion of Composting System MC3.3.5 - Completion of Composting System ◆ MC3 3.6 - Completion of Centralized Air Pollution Control Syste MC3.3.6 - Completion of Centralized Air Pollution Control System 0d MC330600 25-Feb-17 67d ◆ MC3.3.7 - Completion of Wastewater Treatment System MC3.3.7 - Completion of Wastewater Treatment System ♦ MC3.3.8 - Completion of control and instrumentation works MC330800 MC3.3.8 - Completion of control and instrumentation works 27-Jan-17 43d ◆ MC3.3.9 - Completion of building services works & MC330900 MC3.3.9 - Completion of building services works & electrical works 20-Apr-17 MC3.4 Architectural and Landscape works 26-May-17 26-May-17 Project:OWTF1\_v2.1 Activity Critical print: 20-May-16 16:58 Page 1 of 37 Ref.:WS-OSC-00-0-TM-0001G, Date: 20-May-2016 © Oracle Corporation ♦ Milestone Actual Work

**Environmental Protection Department** SUEZ ATAL & RosRoca **Contract Programme for the Design and** Contract No. EP/SP/61/10 of the HKSAR **Construction Works (v2.1) OSCAR Bioenergy Joint Venture** Organic Waste Treatment Facilities Phase 1 ov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec MC340100 MC3.4 - Completion of architectural and landscape works MC3.5 Testing and Commissioning 110d 09-May-17 16-Sep-17 09-May-17 16-Sep-17 MC350100 MC3.5.1 - Employer's consent granted on all FAT,SAT,System Comm.Test,Process Start Up & Process Comm.&Plant Comm.T.Plan 22-May-17 ◆ MC3.5.1 - Employer's consent granted on a 0d 09-May-17 ◆ MC3.5.2 - Employer's consent granted on all S MC350200 MC3.5.2 - Employer's consent granted on all System Commissioning Reports MC350300 MC3.5.3 - Employer's consent granted on the Process Start Up & Process Commissioning Report 0d 09-May-17 130d ◆ MC3.5.3 - Employer's consent granted on the ◆ MC3.5.4 - Employe MC3.5.4 - Employer's consent granted on the Plant Commissioning Report 0d 16-Sep-17 MC350400 MC3.6 Issuance of the Certificate of Substantial Completion by the Employer Οd 16-Sep-17 16-Sep-17 16-Sep-17 16-Sep-17 28d MC3.6 Issuance of the Certificate of Substantial Completion by the Employer ◆ MC3.6 ssuance of PRELIMINARY AND GENERAL REQUIREMENT WORKS 20-Nov-14 A 18-Dec-14 A Appointment and Assignment of Contractor's Superintendents, Designers, IC and ER 20-Nov-14 A 20-Nov-14 A 18-Dec-14 A Notify the Employer of the proposed Project Manage PL100110 Notify the Employer of the proposed Project Manager 20-Nov-14 A 17-Dec-14 A PL100120 Submit Contractor's Management Team to Employer 0d 20-Nov-14 A 17-Dec-14 A \$ubmit Contractor's Management Team to Employe 10-Dec-14 A ◆ Employer appoves proposed Project Manager PL100130 Employer appoves proposed Project Manager PL100140 Appoint Project Manager 0d 10-Dec-14 A 10-Dec-14 A I Appoint Project Manager 0d 03-Dec-14 A Jointly Appoint the Independent Consultant with the Employer PL100150 Jointly Appoint the Independent Consultant with the Employe 20-Nov-14 A PL100160 IC to submit names of representatives to Employer & Contractor 0d 17-Dec-14 A IC to submit names of representatives to Employer & Contractor PL100180 Employer notifies Contractor of Employer's Representative 18-Dec-14 A ◆ Employer notifies Contractor of Employer's Representative 20-Nov-14 A 30-Jun-15 A PL100190 Submit application for Further Environmental Permit 20-Nov-14 A 25-Nov-14 A Submit application for Further Environmental Permi Prepare & submit Emergency Procedures Plan by ET to IEC & ER PL100200 Prepare & submit Emergency Procedures Plan by ET to IEC & ER 20-Nov-14 A 17-Dec-14 A IEC checks & verifies Emergency Procedures Plan PL100210 IEC checks & verifies Emergency Procedures Plan 0d 18-Dec-14 A 14-Jan-15 A PL100220 ER approves Emergency Procedures Plan ♦ ER approves Emergency Procedures Plan Submit approved Emergency Procedures Plan to Dir of EP 0d Submit approved Emergency Procedures Plan to Dir of EP PL100230 12-Jun-15 A 15-Jun-15 A ◆ Obtain Further Environmental Permit from Dir of EP PL100240 Obtain Further Environmental Permit from Dir of EP 16-Feb-15 A 20-Nov-14 A 04-Feb-15 A 20-Nov-14 A 04-Feb-15 A 0d 20-Nov-14 A 04-Feb-15 A PL100250 Provision of Guarantee to Employer 20-Nov-14 A 17-Dec-14 A Provision of Guarantee to Employer PL100260 Provision of Undertaking to Employer 0d 20-Nov-14 A 17-Dec-14 A Provision of Undertaking to Employer 17-Dec-14 A Provision of Undertakings from related companies to Employer PL100270 Provision of Undertakings from related companies to Employer 20-Nov-14 A PL100280 Provision of the Bond to Employer 0d 20-Nov-14 A 17-Dec-14 A Provision of the Bond to Employer Provision of Contractor's All Risks Insurance PL100290 Provision of Contractor's All Risks Insurance 0d 20-Nov-14 A 10-Dec-14 A Provision of Professional Indemnity Insurance PL100300 Provision of Professional Indemnity Insurance 0d 20-Nov-14 A 10-Dec-14 A Provision of Employee Compensation Insurance PL100310 Provision of Employee Compensation Insurance 0d 20-Nov-14 A 10-Dec-14 A PL100320 Provision of Motor Vehicle Insurance 0d 20-Nov-14 A 10-Dec-14 A Provision of Motor Vehicle Insurance Submit Undertakings & Certificates of PI Insurance 0d PL100330 Submit Undertakings & Certificates of PI Insurance 20-Nov-14 A 04-Feb-15 A 20-Nov-14 A 08-Oct-15 A 20-Nov-14 A 20-Nov-14 A 08-Oct-15 A PL100340 Prepare & Submit Programme to IC & Employer 20-Nov-14 A 03-Dec-14 A Prebare & Submit Programme to IC & Employer 04-Dec-14 A 02-Jan-15 A IC checks & certifies Programme PL100360 Employer Consents to Contract Programme 0d 08-Oct-15 A Employer Consents to Contract Pro PL100370 04-Dec-14 A 17-Dec-14 A Prepare & submit 3 months programme to Employer, ER & IC Prepare & submit 3 months programme to Employer, ER & IC Prepare & submit Critical Path Network to Employer, ER & IC 0d 17-Dec-14 A Prepare & submit Critical Path Network to Employer, ER & IC PL100380 20-Nov-14 A IC checks & certifies Critical Path Network 18-Dec-14 A 08-Jan-15 A PL100400 Employer Consents to Critical Path Network 0d 08-Oct-15 A Employer Consents to Critical Path Prepare & submit Contractor's Plans to Employer, ER & IC 20-Nov-14 A 11-Nov-15 A 11-Nov-15 A 20-Nov-14 A PL100410 Sub-contractor Management Plan 20-Nov-14 A 17-Dec-14 A Sub-contractor Management Plan Draft Project Management Plan PL100420 Draft Project Management Plan 0d 20-Nov-14 A 04-Dec-14 A PL100430 IC checks & certifies Project Management Plan 05-Dec-14 A 23-Jan-15 A IC checks & certifies Project Management Plan Project:OWTF1\_v2.1 Activity Critical print: 20-May-16 16:58 Page 2 of 37 Ref.:WS-OSC-00-0-TM-0001G, Date: 20-May-2016 © Oracle Corporation 



**Environmental Protection Department** SUEZ ATAL & RosRoca **Contract Programme for the Design and** Contract No. EP/SP/61/10 of the HKSAR **Construction Works (v2.1) OSCAR Bioenergy Joint Venture** Organic Waste Treatment Facilities Phase 1 ov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec TP100100 Submission of Factory Acceptance Test Plan IC checks & comments on Factory Acceptance Test Plan TP100110 IC checks & comments on Factory Acceptance Test Plan 43d 17-Dec-15 A 30-May-16 Revise & resubmit Factory Acceptance Test Plan TP100120 Revise & resubmit Factory Acceptance Test Plan 31-May-16 06-Jun-16 ☐ IC checks & certifies Factory Acceptance Test Plan TP100130 IC checks & certifies Factory Acceptance Test Plan 7d 13-Jun-16 07-Jun-16 Employer Consents to Factory Acceptance Test Plan ◆ Employer Consents to Factory Acceptance Test Plan TP100140 27-Jun-16 08-Aug-16 14-Oct-16 Site Acceptance Test Plan 08-Aug-16 14-Oct-16 TP100200 Submission of Site Acceptance Test Plan 20d 08-Aug-16 02-Sep-16 Submission of Site Acceptance Test Plan IC checks & comments on Site Acceptance Test Plan IC checks & comments on Site Acceptance Test Plan 14d TP100210 03-Sep-16 16-Sep-16 Revise & resubmit Site Acceptance Test Plan TP100220 Revise & resubmit Site Acceptance Test Plan 7d 17-Sep-16 23-Sep-16 TP100230 IC checks & certifies Site Acceptance Test Plan 24-Sep-16 30-Sep-16 ■ IC checks & certifies Site Acceptance Test Plan TP100240 Employer Consents to Site Acceptance Test Plan 0d 14-Oct-16 ◆ Employer Consents to Site Acceptance Test Plan 26-Jan-17 Detail CV 15-Dec-16 OP100100 Submission of Detail CV before Process Start up and commissioning 15-Dec-16 15-Dec-16 I Submission of Detail CV before Process Start up and com OP100110 14d IC checks & comments on Detail CV IC checks & comments on Detail CV 16-Dec-16 29-Dec-16 Revise & resubmit Detail CV OP100120 Revise & resubmit Detail CV 7d 30-Dec-16 05-Jan-17 ■ IC checks & certifies Detail CV OP100130 IC checks & certifies Detail CV 06-Jan-17 12-Jan-17 ◆ Employer Consents to Detail CV before Process Start up and co OP100140 Employer Consents to Detail CV before Process Start up and commissioning 0d 26-Jan-17 All System Commissioning Plan 26-Jan-17 Submission of All System Commissioning Plant OP100150 Submission of All System Commissioning Plan 09-Dec-16 15-Dec-16 IC checks & comments on All System Commissioning Plan IC checks & comments on All System Commissioning Plan Revise & resubmit All System Commissioning Plan Revise & resubmit All System Commissioning Plan 7d OP100170 30-Dec-16 05-Jan-17 ■ IC checks & certifies All System Commissioning Plan IC checks & certifies All System Commissioning Plan 06-Jan-17 12-Jan-17 OP100190 Employer Consents to All System Commissioning Plan 0d 26-Jan-17 ◆ Employer Consents to All System Commissioning Plan 17-Mar-17 Process Start Up Plan 26-Jan-17 17-Mar-17 Submission of Process Start up Plan Submission of Process Start up Plan OP100200 26-Jan-17 03-Feb-17 OP100210 IC checks & comments on Process Start up Plan 14d 04-Feb-17 17-Feb-17 C checks & comments on Process Start up Plan Revise & resubmit Process Start up Plan 7d OP100220 Revise & resubmit Process Start up Plan 18-Feb-17 24-Feb-17 OP100230 IC checks & certifies Process Start up Plar 7d 25-Feb-17 03-Mar-17 IC checks & certifies Process Start up Plan Employer Consents to Process Start up Plan ◆ Employer Consents to Process Start up Plan OP100240 0d 17-Mar-17 03-Apr-17 22-May-17 37d 03-Apr-17 22-May-17 Submission of Process Commissioning Plan Submission of Process Commissioning Plan OP100250 03-Apr-17 10-Apr-17 IC checks & comments on Process Commission OP100260 IC checks & comments on Process Commissioning Plan 14d 11-Apr-17 24-Apr-17 Revise & resubmit Process Commissioning Plan 7d 01-May-17 Revise & resubmit Process Commissioning Pla OP100270 25-Apr-17 ■ IC checks & certifies Process Commissioning OP100280 IC checks & certifies Process Commissioning Plan 7d 02-May-17 08-May-17 0d ◆ Employer Consents to Process Commission OP100290 Employer Consents to Process Commissioning Plan 22-May-17 Operation Plan 16-Dec-16 27-Jan-17 16-Dec-16 27-Jan-17 Submission of Operation Plan I Submission of Operation Plan OP100300 16-Dec-16 16-Dec-16 IC checks & comments on Operation Plan OP100310 IC checks & comments on Operation Plan 14d 17-Dec-16 30-Dec-16 Revise & resubmit Operation Plan OP100320 Revise & resubmit Operation Plan 31-Dec-16 06-Jan-17 ■ IC checks & certifies Operation Plan OP100330 IC checks & certifies Operation Plan 7d 07-Jan-17 13-Jan-17 114d ◆ Employer Consents to Operation Plan Employer Consents to Operation Plan 27-Jan-17 OP100340 39d 18-Apr-16 03-Jun-16 324d Plant Commissioning Plan 39d 18-Apr-16 03-Jun-16 324d OP100350 Submission of Plant Commissioning Plan Submission of Plant Commissioning Plan 18-Apr-16 22-Apr-16 270d 14d 06-May-16 401d IC checks & comments on Plant Commissioning Plan OP100360 IC checks & comments on Plant Commissioning Plan 23-Apr-16 Revise & resubmit Plant Commissioning Plan Revise & resubmit Plant Commissioning Plan 07-May-16 ■ IC checks & certifies Plant Commissioning Plan IC checks & certifies Plant Commissioning Plan OP100380 7d 14-May-16 20-May-16 401d Employer Consents to Plant Commissioning Plan ◆ Employer Consents to Plant Commissioning Plan eration and Maintenance Manuals and Record Drawings 14-Oct-17 108d 08-Jun-17 14-Oct-17 Submission of draft Operation and Main OP100400 Submission of draft Operation and Maintenance Manual (SPE-A Clause 1.16.1.1) 08-Jun-17 Project:OWTF1\_v2.1 Activity Critical print: 20-May-16 16:58 Page 4 of 37 Ref.:WS-OSC-00-0-TM-0001G, Date: 20-May-2016 © Oracle Corporation 

**Environmental Protection Department** SUEZ ATAL & RosRoca **Contract Programme for the Design and** Contract No. EP/SP/61/10 of the HKSAR **Construction Works (v2.1) OSCAR Bioenergy Joint Venture** Organic Waste Treatment Facilities Phase 1 DV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC OP100450 IC checks & comments on draft Operation and Maintenance Manual ◆ Submission of Ope OP100500 Submission of Operation and Maintenance Manual (SPE-A Clause 1.16.1.2) 0d 16-Sep-17 OP100520 IC checks & Certifies the Operation and Maintenance Manual 28d 17-Sep-17 14-Oct-17 IC checks & Submission of Record Drawings (SPE-A Clause 1.6.8) ♦ Submission of 0d OP100550 09-Oct-17 COMMENCEMENT, SITE POSSESSION AND ACCESS 18-Dec-14 A 20-Mar-17 18-Dec-14 A ◆ COMMENCEMENT OF THE DESIGN AND THE WORKS KD100300 COMMENCEMENT OF THE DESIGN AND THE WORKS 18-Dec-14 A ♦ \$tart Date of Possession of Portion 1 KD100310 Start Date of Possession of Portion 1 18-Dec-14 A 0d KD100320 Start Date of Access to Portion 2 02-Jul-16\* Start Date of Access to Portion 2 End Date of Access to Portion 2 0d 13-Jan-17 200d KD100330 ◆ End Date of Access to Portion 2 KD100340 Start Date of Possession of Portion 3 0d 18-Dec-14 A KD100350 End Date of Possession of Portion 3 (to be extended to 31-Dec-2017) 30-Sep-16\* ♦ End Date of Possession of Portion 3 (to be extended to 31-Dec-2017) Possession of Portion 4 - Ex-Ka Wah Batching Plant Area) KD100370 337d 21-Mar-16 A 20-Mar-17 208d SITE ESTABLISHMENT WORKS 23-Jul-16 182d 80d 18-Dec-14 A 18-Dec-14 A 23-Jul-16 182d 80d SE100110 0d Submit record photographs of Site & vicinity to ER & IC SE100120 Submit record photographs of Site & vicinity to ER & IC 22-Dec-14 A 16-Jan-15 A Submit General Arrangement of Site Establishment SE100130 Submit General Arrangement of Site Establishment 0d 18-Dec-14 A 05-Jan-15 A ♦ IC certifies & ER consents to General Arrangement of Site Establishin IC certifies & ER consents to General Arrangement of Site Establishment 0d 04-Mar-15 A SE100140 SE100150 Start of Site Establishment 0d 14-Jan-15 A ◆ Start of Site Establishment SE100160 Tree survey (Excluding Natural Terrain) 0d 13-Jan-15 A I Tree survey (Excluding Natural Terrain) 13-Jan-15 A SE100170 16-Apr-15 A 19-Aug-15 A General Works of Site Establishment SE100180 General Works of Site Establishment 0d 14-Jan-15 A 12-Feb-15 A SE100190 15-Jan-15 A 12-Feb-15 A 0d 05-May-15 A SE100200 Hoarding, Fencing, Gates & Lighting 09-Mar-15 A Hoarding, Fencing, Gates & Lighting 16-Jun-15 A SE100210 Demolition of Concrete Pavement 22d 13-May-16 ■ Employer Representative Officer's & IC Accommodation at F Employer Representative Officer's & IC Accommodation at P3 17-Jun-15 A SE100220 0d 25-Mar-15 A SE100240 Contractor's Accommodation at P3 25-Mar-15 A 17-Jun-15 A SE100250 Provision of Survey Equipment & Computer Facilities 0d 17-Mar-15 A 29-Jun-15 A Provision of Survey Equipment & Computer Facilities SE100260 Provision of Land Transport for ER 01-Apr-15 A Provision of Land Transport for ER 05-Feb-15 A SE100270 Completion of Site Establishment Works 0d 19-Aug-15 A ◆ Completion of Site Establishment Works Install Type II Sheet Pile forming solid fence of 3m high along boundary facing the Siu Ho Wan Water Treatment Works SE100280 Install Type II Sheet Pile forming solid fence of 3m high along boundary facing the Siu Ho Wan Water Treatment Works 01-Apr-15 A 16-Apr-15 A 0d 17-Mar-15 A Submit Tree preservation, transplanting and felling proposal to LandsD and EPD (Excl. Natural Terrain) SE100290 Submit Tree preservation, transplanting and felling proposal to LandsD and EPD (Excl. Natural Terrain) 02-Feb-15 A 21-Jun-15 A SE100300 Formation of access to Natural Terrain (if required) Formation of access to Natural Terrain (if required) Tree survey (Natural Terrain - if required) Tree survey (Natural Terrain - if required) SE100310 0d 19-Jun-15 A 26-Jun-15 A SE100320 Submit Tree preservation, transplanting and felling proposal to LandsD and EPD (Natural Terrain - if required) 27-Jun-15 A 23-Jul-16 182d ting and felling proposal to LandsD and EPD (Natural Terrain - if requir 20-Nov-14 A 11-Mar-15 A Design Criteria Submission (DCS) 20-Nov-14 A 11-Mar-15 A 0d 20-Nov-14 A 11-Mar-15 A Prepare & submit Design Criteria, Codes & Standards to IC, ER & Employer Prepare & submit Design Criteria, Codes & Standards to IC, ER & Employer DP100110 20-Nov-14 A 14-Jan-15 A DP100120 IC checks & comments on Design Criteria Submission Οd 15-Jan-15 A 29-Jan-15 A IC checks & comments on Design Criteria Submission Revise & resubmit Design Criteria to IC, ER & Employer 12-Feb-15 A Revise & resubmit Design Criteria to IC, ER & Employe DP100130 30-Jan-15 A IC checks & certifies Design Criteria Submission DP100140 IC checks & certifies Design Criteria Submission 0d 13-Feb-15 A 09-Mar-15 A DP100150 Submit Design Criteria Check Certificate to Employer & ER 0d 11-Mar-15 A ♦ Submit Design Criteria Check Certificate to Employer & ER Design Consolidation - Process Layout 20-Nov-14 A 20-Nov-14 A 20-Nov-14 A 29-Nov-14 A Overall Process Lavout DP100160 Overall Process Lavout 20-Nov-14 A 29-Nov-14 A DP100170 0d 29-Nov-14 A Organic Waste Treatment Systems Layout DP100180 Organic Waste Treatment Systems Layout 0d 20-Nov-14 A 29-Nov-14 A DP100190 Biogas Process Layout 20-Nov-14 A 29-Nov-14 A ■ Biogas Process Layout Project:OWTF1\_v2.1 Activity Critical print: 20-May-16 16:58 Page 5 of 37 Ref.:WS-OSC-00-0-TM-0001G, Date: 20-May-2016 © Oracle Corporation ♦ Milestone Actual Work

**Environmental Protection Department** SUEZ ATAL & RosRoca **Contract Programme for the Design and** Contract No. EP/SP/61/10 of the HKSAR **Construction Works (v2.1)** OSCAR Bioenergy Joint Venture Organic Waste Treatment Facilities Phase 1 v Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec DP100200 Wastewater Process Layou ■ Waste Air Process Layout DP100210 Waste Air Process Layout 0d 20-Nov-14 A 29-Nov-14 A DP100220 Completion of Process Layout 29-Nov-14 A Waste Receiving, Pre-treatment & Administration Building #1 30-Nov-14 A 11-Dec-14 A 30-Nov-14 A 11-Dec-14 A 0d 30-Nov-14 A 11-Dec-14 A Waste Reception Area Layout Waste Reception Area Layout 30-Nov-14 A 11-Dec-14 A Pre-treatment System Layout 0d DP110120 Pre-treatment System Layout 30-Nov-14 A 11-Dec-14 A Wastewater Treatment System Layout DP110130 Wastewater Treatment System Layout 30-Nov-14 A 11-Dec-14 A Administration Building Layout DP110140 Administration Building Layout 0d 30-Nov-14 A 11-Dec-14 A DP110150 Centralized Air Pollution Control System Layout 30-Nov-14 A 11-Dec-14 A Centralized Air Pollution Control System Layout ◆ Completion of Pre-Treatment Building Layout Completion of Pre-Treatment Building Layout 0d DP110160 11-Dec-14 A Composting & Maturation Building #2 30-Nov-14 A 11-Dec-14 A 30-Nov-14 A 11-Dec-14 A DP210110 Composting Tunnel Layout 30-Nov-14 A Composting Tunnel Layout 0d DP210120 Maturation Area & Facilities Layout 30-Nov-14 A 11-Dec-14 A Maturation Area & Facilities Layout DP210130 Digestate Dewatering System Layou 30-Nov-14 A 11-Dec-14 A Digestate Dewatering System Layout Completion of Compositing Building Layout 11-Dec-14 A ◆ Completion of Compositing Building Layout DP210140 30-Nov-14 A 28-Feb-15 A DP310110 Anaerobic Digestion Treatment System Layout 30-Nov-14 A 11-Dec-14 A Anaerobic Digestion Treatment System Layout Biogas Cleaning and Storage System Layout DP310120 Biogas Cleaning and Storage System Layout 30-Nov-14 A 11-Dec-14 A Heat Recovery and Power Generation System Layout DP310130 Heat Recovery and Power Generation System Layout 30-Nov-14 A 11-Dec-14 A Weighbridge System Layout 30-Nov-14 A Weighbridge System Layout Switchgear Room & Facilities Layout DP310150 Switchgear Room & Facilities Lavout 0d 30-Nov-14 A 11-Dec-14 A Continuous Emission Monitoring System Layout Continuous Emission Monitoring System Layout 30-Nov-14 A 11-Dec-14 A ◆ Completion of Auxiliary Buildings Layou DP310170 Completion of Auxiliary Buildings Layout 0d 11-Dec-14 A Piled Foundation 11-Feb-15 A Piled Foundation 30-Nov-14 A 30-Nov-14 A 01-Sep-15 A 30-Nov-14 A 01-Sep-15 A DP100510 ■ Topographic Survey Topographic Survey 07-Jan-15 A 10-Jan-15 A DP100520 Completion of Design Layout 0d 11-Dec-14 A ◆ Completion of Design Layout 0d 30-May-15 A DP100530 Completion of Design Preparation Completion of Design Preparation Frozen E&M Equipment Loading and General Layout DP100540 Frozen E&M Equipment Loading and General Layout 30-Nov-14 A 06-Dec-14 A Finalized E&M Equipment Detail 0d DP100550 18-Dec-14 A 01-Sep-15 A Finalized E&M Equipment Detail 30-Sep-15 A General 20-Nov-14 A DP100560 Prepare & submit GI Plan to IC & ER 20-Nov-14 A 04-Dec-14 A Prepare & submit GI Plan to IC & ER DP100570 IC certifies GI Plan 05-Dec-14 A 02-Jan-15 A IC certifies GI Plan DP100580 ER Consents to GI Plan 0d 16-Jan-15 A ◆ ER Consents to GI Plan 15-Dec-14 A Mobilization and Appointment of GI Sub-Contractor Mobilization and Appointment of GI Sub-Contractor Fieldwork (Including Predrilling and works at Natrual Terrain Unit 4) DP100600 Fieldwork (Including Predrilling and works at Natrual Terrain Unit 4) 0d 14-Jan-15 A 14-Feb-15 A DP100610 Preliminary Fieldwork Report for AD Tanks Piling Design 0d 14-Feb-15 A 27-Mar-15 A Preliminary Fieldwork Report for AD Tanks Piling Design Final Fieldwork Report and Geotechnical Interpretative Report 0d 27-Mar-15 A Final Fieldwork Report and Geotechnical Interpretative Report DP100620 09-Mar-15 A Fieldwork (Natural Terrain - if required) 16-Sep-15 A 17-Jan-15 A 04-Mar-15 A Plate Load Test 04-Mar-15 A 17-Jan-15 A Excavation for Plate Load Test 0d Setup Loading platform and equipment for Plate Loat Test Setup Loading platform and equipment for Plate Loat Test 17-Jan-15 A 18-Jan-15 A DP100670 DP100680 Carry-out Plate Load Test PLT6~8 (Bldg # 2) 19-Jan-15 A 30-Jan-15 A Carry-out Plate Load Test PLT6~8 (Bldg # 2) Carry-out Plate Load Test PLT9~11 (Bldg # 1) Carry-out Plate Load Test PLT9~11 (Bldg # 1) 0d DP100690 12-Feb-15 A 26-Jan-15 A DP100700 Carry-out Plate Load Test PLT2, 3, & 5 (Bldg #3) 02-Feb-15 A 12-Feb-15 A Garry-out Plate Load Test PLT2, 3, & 5 (Bldg #3) DP100710 Carry-out Plate Load Test PLT1 & 4 (Bldg #3) 0d 02-Feb-15 A 12-Feb-15 A Carry-out Plate Load Test PLT1 & 4 (Bldg #3) Project:OWTF1\_v2.1 Activity Critical print: 20-May-16 16:58 Page 6 of 37 Ref.:WS-OSC-00-0-TM-0001G, Date: 20-May-2016 © Oracle Corporation 

**Environmental Protection Department** SUEZ ATAL & RosRoca **Contract Programme for the Design and** Contract No. EP/SP/61/10 of the HKSAR **Construction Works (v2.1) OSCAR Bioenergy Joint Venture** Organic Waste Treatment Facilities Phase 1 DV Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec DP100720 Prepare Preliminary Report for PLT6~8 (Bldg # 2) Prepare Preliminary Report for PLT6~8 (Bldg # 2) Prepare Preliminary Report for PLT9~11 (Bldg #1) DP100730 Prepare Preliminary Report for PLT9~11 (Bldg#1 0d 03-Mar-15 A 04-Mar-15 A DP100740 Prepare Preliminary Report for PLT2, 3, & 5 (Bldg #3) 03-Mar-15 A 04-Mar-15 A Prepare Preliminary Report for PLT2, 3, & 5 (Bldg #3) Prepare Preliminary Report for PLT 1&4 (Bldg #3) DP100750 Prepare Preliminary Report for PLT1&4 (Bldg #3) 0d 04-Mar-15 A 03-Mar-15 A Issue Formal Report for Plate Load Test Issue Formal Report for Plate Load Test riation Environmental Permit (VEP) Environmental Review Report (ERR) 14-Apr-15 A 13-Nov-15 A Air Quality Impact Assessment (AQIA) 14-Apr-15 A 31-Jul-15 A 14-Apr-15 A Forecast of 2031 traffic data Forecast of 2031 traffic data 08-May-15 A Air dispersion modelling 0d 16-Apr-15 A 31-Jul-15 A Air dispersio Landscape & Visual Impact Assessment (LVIA) 16-Apr-15 A 13-Nov-15 A 0d Environmental Review Report (ERR) 16-Apr-15 A 31-Aug-15 A Prepare & submit ERR to EPD for informal review epare & submit ERR to EPD for informal review 06-Aug-15 A 0d ◆ EPD to issue administrative comments on E DP100810 EPD to issue administrative comments on ERR 31-Aug-15 A 01-Sep-15 A 21-Dec-15 A hO 01-Sep-15 A 21-Dec-15 A Revise ERR and submit VEP to Director of EPD Revise ERR and submit VEP to Director of EPD DP100820 01-Sep-15 A 30-Nov-15 A DP100830 EPD issue VEP 21-Dec-15 A ◆ EPD issue VEP DETAILED DESIGN SUBMISSION (DDS) - GENERAL, CIVIL, ABWF AND LANDSCAPE 18-Dec-14 A 18-Aug-16 343d Overall Design General Building Plans Design 18-Dec-14 A 14-.lun-16 398d 18-Dec-14 A 14-Jun-16 398d Prepare & submit General Building Plans to Stat Authorities/ Government, IC, ER & Employer 12-Jan-15 A DD101020 General Building Plans endorsed by Stat Authorities/ Government 0d 29-Apr-16\* General Building Plans endorsed by Stat Authorities/ Government ◆ Submit General Building Plans to IC, ER & Employer Submit General Building Plans to IC, ER & Employer IC checks & comments on General Building Plans DD101060 IC checks & comments on General Building Plans 14d 04-May-16 17-May-16 Revise & resubmit General Building Plans to IC, ER & Employer Revise & resubmit General Building Plans to IC, ER & Employe ■ IC checks & certifies General Building Plans IC checks & certifies General Building Plans DD101100 7d 25-May-16 31-May-16 138d ♦ Employer consents to General Building Plans DD101120 Employer consents to General Building Plans 14-Jun-16 47d 19-Dec-14 A 14-Jun-16 398d Fire Safety Strategy Report 19-Dec-14 A 14-Jun-16 398d 47d Prepare & submit Detailed Design of Fire Safety Strategy Report to Stat Authorities/ G Prepare & submit Detailed Design of Fire Safety Strategy Report to Stat Authorities/ Government, IC, ER & Employer 19-Dec-14 A 12-Jan-15 A 0d 30-Mar-15 A DD102115 Comment from FSD ◆ Comment from FSD 08-Jun-15 A Prepare & Re-submit Fire Safety Strategy Report to FSD 0d 31-Mar-15 A Prepare & Re-submit Fire Safety Strategy Report to FSD 0d Liaison with FSD for Adreement of EVA DD102130 Liaison with FSD for Agreement of EVA 08-Jun-15 A 03-Jul-15 A 06-May-16\* 345d DD102140 Detailed Design of Fire Safety Strategy Report Approved by FSD ◆ Detailed Design of Fire Safety Strategy Report Approved by FSD DD102180 Submit Detailed Design of Fire Safety Strategy Report to IC, ER & Employer 0d 17-Mar-15 A ◆ Submit Detailed Design of Fire Safety Strategy Report to IC, ER & Employer 27-Mar-15 A ■ IC checks & comments on Detailed Design of Fire Safety Strategy Report DD102200 IC checks & comments on Detailed Design of Fire Safety Strategy Report DD102220 Revise & resubmit Detailed Design of Fire Safety Strategy Report to IC, ER & Employer 30d 28-Mar-15 A 17-May-16 494 evise & resubmit Detailed Design of Fire Safety Strategy Report to IC, ER & Employe IC checks & certifies Detailed Design of Fire Safety Strategy Report ■ IC checks & certifies Detailed Design of Fire Safety Strategy Report 18-May-16 ◆ Employer consents to Detailed Design of Fire Safety Strategy Report 0d Employer consents to Detailed Design of Fire Safety Strategy Report 14-Jun-16 487d DD102260 23-Mar-15 A Layout Drawing: 20-Jul-15 A 23-Mar-15 A 20-Jul-15 A Prepare & submit Site Wide Layout Drawings for ArchSD Comment DD120010 Prepare & submit Site Wide Layout Drawings for ArchSD Comment 23-Mar-15 A 20-Jul-15 A 23-Mar-15 A DD120020 20-Jul-15 A Prepare & submit Architectural Layout Drawings of Building #2 fdr ArchSD Comment Prepare & submit Architectural Layout Drawings of Building #2 for ArchSD Comment 0d 23-Mar-15 A 20-Jul-15 A Prepare & submit Architectural Layout Drawings of Building #1 for ArchSD Comment DD120030 Prepare & submit Architectural Layout Drawings of Building #1 for ArchSD Comment DD120040 Prepare & submit Architectural Layout Drawings of Building #3 for ArchSD Comment 0d 23-Mar-15 A 20-Jul-15 A Prepare & submit Architectural Layout Drawings of Building #3 for ArchSD Comment Geotechnical Design including Natural Terrain Hazard Mitigation works 11-Feb-15 A 18-Aug-16 184d Geotechnical Interpretative Report 11-Feb-15 A DD101140 Prepare & submit Geotechnical Interpretative Report to GEO 11-Feb-15 A 27-Mar-15 A Prepare & submit Geotechnical Interpretative Report to GEO 20-Apr-15 A ◆ IGEO - Comment on Geotechnical Interpretative Report DD101160 GEO - Comment on Geotechnical Interpretative Report DD101180 Submit Geotechnical Interpretative Report to IC, ER & Employer Οd 27-Mar-15 A Submit Geotechnical Interpretative Report to IC, ER & Employer IC Checks & comments on Geotechnical Interpretative Report 0d 28-Mar-15 A 08-Apr-15 A DD101200 IC Checks & comments on Geotechnical Interpretative Report Revise & resubmit Geotechnical Interpretative Report to IC, Employer & ER DD101220 Revise & resubmit Geotechnical Interpretative Report to IC, Employer & ER Οd 09-Apr-15 A 15-Jul-15 A IC checks & certifies Geotechnical Interpretative Report 0d IC checks & certifies Geotechnical Interpretative Report DD101240 16-Jul-15 A 30-Sep-15 A ◆ Employer consents to Geotechnical I DD101260 Employer consents to Geotechnical Interpretative Report 0d 22-Oct-15 A Natural Terrain Hazard Mitigation 102d 20-May-15 A 18-Aug-16 Project:OWTF1\_v2.1 Activity Critical print: 20-May-16 16:58 Page 7 of 37 Ref.:WS-OSC-00-0-TM-0001G, Date: 20-May-2016 © Oracle Corporation ♦ Milestone Actual Work

**Environmental Protection Department** SUEZ ATAL & RosRoca **Contract Programme for the Design and** Contract No. EP/SP/61/10 of the HKSAR **Construction Works (v2.1) OSCAR Bioenergy Joint Venture** Organic Waste Treatment Facilities Phase 1 ov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec DD101280 Prepare & submit NTH Assessment Study report to GEO 20-May-15 A ◆ GEO - Approval of NTH Assessment Study report DD101300 GEO - Approval of NTH Assessment Study report 0d 22-Feb-16 A DD101320 Prepare & submit Design of NTH Mitigation works to GEO 31d 23-Feb-16 A 31-May-16 123d Prepare & submit Design of NTH Mitigation works to GEO Prepare & submit NTH Mitigation Method of Construction Prepare & submit NTH Mitigation Method of Construction 29-Jun-16 DD101330 20d 01-Jun-16 IC checks & certifies Method of Construction of NTH Mitigation Design DD101335 IC checks & certifies Method of Construction of NTH Mitigation Design 30-Jun-16 ◆ GEO - Approval of NTH Mitigation Design GEO - Approval of NTH Mitigation Design 0d 29-Jun-16 DD101340 Submit NTH Mitigation Design to IC, ER & Employer ♦ Submit NTH Mitigation Design to IC, ER & Employer DD101360 30-Jun-16 IC checks & comments on NTH Mitigation Design DD101380 IC checks & comments on NTH Mitigation Design 14d 01-Jul-16 14-Jul-16 225d DD101400 Revise & resubmit NTH Mitigation Design to IC, Employer & ER 7d 15-Jul-16 21-Jul-16 Revise & resubmit NTH Mitigation Design to IC, Employet & ER IC checks & certifies NTH Mitigation Design IC checks & certifies NTH Mitigation Design DD101420 14d 22-Jul-16 04-Aug-16 225d Employer consents to NTH Mitigation Design ◆ Employer consents to NTH Mitigation Design 18-Aug-16 225 Waste Receiving, Pre-treatment & Administration Building #1 13-Apr-15 A 24-Jun-16 13-Apr-15 A 02-Mar-16 A Raft Footing and Substructure Design 0d 13-Apr-15 A 02-Mar-16 A Prepare & submit Detailed Substructure Design of Bldg #1 to IC, ER & Employe Prepare & submit Detailed Substructure Design of Bldg #1 to IC, ER & Employer 13-Apr-15 A 20-Jul-15 A Prebare & submit Method of Construction for Substructure of Bldg #1 DD111010 Prepare & submit Method of Construction for Substructure of Bldg #1 Od 23-Nov-15 A 02-Feb-16 A DD111015 IC checks & certifies Method of Construction of Detailed Substructure Design of Bldg #1 03-Feb-16 A 02-Mar-16 A IC checks & certifies Method of Construction of Detailed Substructure Design of Bldg #1 DD111020 IC checks & comments on Detailed Substructure Design of Bldg #1 0d 21-Jul-15 A 11-Aug-15 A IC checks & comments on Detailed Substructure Design of Bldg #1 Revise & resubmit Detailed Substructure Design of Bldg #1 to IC, Employer & ER Revise & resubmit Detailed Substructure Design of Bldg #1 to IC, Employer & ER DD111040 0d 12-Aug-15 A 28-Aug-15 A DD111060 IC checks & certifies Detailed Substructure Design of Bldg #1 Οd 29-Aug-15 A 31-Dec-15 A IC checks & certifies Detailed Substructure Design of Bldg #1 DD111080 Employer consents to Detailed Substructure Design of Bldg #1 27-Jan-16 A ◆ Employer consents to Detailed Substructure Design of Bldg #1 Superstructure Design 04-.lun-15.A 21-Apr-16 04-Jun-15 A 21-Apr-16 Prepare & submit Detailed Superstructure Design of Bldg #1 to IC, ER & Employer Superstructure Design of Bldg #1 tq IC, ER & Employer 04-Jun-15 A 26-Nov-15 A DD111110 Prepare & submit Method of Construction for Superstructure of Bldg #1 0d 01-Feb-16 A 31-Mar-16 A Prepare & submit Method of Construction for Superstructure of Bldd #1 IC checks & certifies Method of Construction of Detailed Superstructure Design of Bldg #1 IC checks & certifies Method of Construction of Detailed Superstructure Design of Bldg # Detailed Superstructure Design of Bldg #1 DD111120 IC checks & comments on Detailed Superstructure Design of Bldg #1 27-Nov-15 A 10-Dec-15 A IC checks & comment Revise & resubmit Detailed Superstructure Design of Bldg #1 to IC, Employer & ER DD111140 Revise & resubmit Detailed Superstructure Design of Bldg #1 to IC, Employer & ER 11-Dec-15 A 05-Feb-16 A IC checks & certifies Detailed Superstructure Design of Bldg #1 0d IC checks & certifies Detailed Superstructure Design of Bldg #1 DD111160 06-Feb-16 A 09-Mar-16 A Employer consents to Detailed Superstructure Design of Bldg #1 Employer consents to Detailed Superstructure Design of Bldg #1 Steelwork Design 01-Mar-16 A 24-Jun-16 132d Building #1 Roof Steel Structure 01-Mar-16 A 17-Jun-16 Prepare & submit Detailed Design of Bldg #1 Roof - Structural Steelwork to IC, ER & Employer Prepare & submit Detailed Design of Bldg.#1 Roof - Structural Steelwork to IC, ER & Employe Prepare & submit Method of Construction for Bldg #1 Roof - Structural Steelwork DD111210 Prepare & submit Method of Construction for Bldg #1 Roof - Structural Steelwork 25d 18-Apr-16 23-May-16 IC checks & certifies Method of Construction of Bldg #1 Roof - Structural Steelwork DD111215 IC checks & certifies Method of Construction of Bldg #1 Roof - Structural Steelwork 24-May-16 DD111220 IC checks & comments on Detailed Design of Bldg #1 Roof - Structural Steelwork 14d 20-May-16 IC checks & comments on Detailed Design of Bldg #1 Robf - Structural Steelwork 07-May-16 7d Revise & resubmit Detailed Design of Bldg #1 Roof - Structural Steelwork to IC, Employer & ER DD111240 Revise & resubmit Detailed Design of Bldg #1 Roof - Structural Steelwork to IC, Employer & ER 21-May-16 27-May-16 DD111260 IC checks & certifies Detailed Design of Bldg #1 Roof - Structural Steelwork 7d 28-May-16 03-Jun-16 ■ IC checks & certifies Detailed Design of Bldg #1 Roof - Structural Steelwork ◆ Employer consents to Detailed Design of Bldg #1 Roof - Structural Steelwo DD111280 Employer consents to Detailed Design of Bldg #1 Roof - Structural Steelwork CAPC Stack 01-Mar-16 A 24-Jun-16 132d Ptepare & submit Detailed CAPC Stack - Steet Support Design to IC, ER & Employer Prepare & submit Detailed CAPC Stack - Steel Support Design to IC, ER & Employer DD311300 01-Mar-16 A 13-May-16 DD311310 Prenare & submit Method of Construction for CAPC Stack - Steel Support 21d 18-Apr-16 17-May-16 127d Prepare & submit Method of Construction for CAPC Stack - Steel Support DD311315 IC checks & certifies Method of Construction of CAPC Stack - Steel Support 18-May-16 31-May-16 IC checks & certifies Method of Construction of CAPC Stack - Steel Support IC checks & comments on Detailed CAPC Stack - Steel Support Design DD311320 IC checks & comments on Detailed CAPC Stack - Steel Support Design 14d 14-May-16 27-May-16 Revise & resubmit Detailed CAPC Stack - Steel Support Design to (C, Employer & ER DD311340 Revise & resubmit Detailed CAPC Stack - Steel Support Design to IC, Employer & ER 28-May-16 03-Jun-16 ■ IC checks & certifies Detailed CAPC Stack - Steel Support Design DD311360 IC checks & certifies Detailed CAPC Stack - Steel Support Design 7d 04-Jun-16 10-Jun-16 Employer consents to Detailed CAPC Stack - Steel Support Design 0d ◆ Employer consents to Detailed CAPC Stack - Steel Support Design DD311380 24-Jun-16 15-Oct-15 A Raft Footing and Substructure Design 12-Mar-15 A 12-Mar-15 A 15-Oct-15 A DD211000 Prepare & submit Detailed Substructure Design of Bldg #2 to IC, ER & Employer 12-Mar-15 A 28-Apr-15 A Prepare & submit Detailed Substructure Design of Bldg #2 to IC, ER & Employe DD211010 Prepare & submit Method of Construction for Substructure of Bldg #2 12-Mar-15 A 23-Jun-15 A Prepare & submit Method of Construction for Substructure of Bldg #2

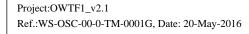
15-Oct-15 A

24-Jun-15 A

24-Jun-15 A

13-May-15 A

0d



IC checks & certifies Method of Construction of Substructure Design of Bldg #2

IC checks & comments on Detailed Substructure Design of Bldg #2

Revise & resubmit Detailed Substructure Design of Bldg #2 to IC. Employer & ER

DD211015

DD211020

DD211040

IC checks & certifies Method of Construction of Substructure Design of Bldg #2

IC checks & comments on Detailed Substructure Design of Bldg #2

Revise & resubmit Detailed Substructure Design of Bldg #2 to IC, Employer & ER

**Environmental Protection Department of the HKSAR** 

Contract No. EP/SP/61/10

SUEZ A ROSROCA
OSCAR Bioenergy Joint Venture

Contract Programme for the Design and Construction Works (v2.1)

Organic Waste Treatment Facilities Phase 1 ov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec DD211045 IC checks & comments on Detailed Substructure Design of Bldg #2 Revise & resubmit Detailed Substructure Design of Bldg #2 to IC, Employer & ER Revise & resubmit Detailed Substructure Design of Bldg #2 to IC, Employer & ER DD211050 0d 07-Jul-15 A 03-Aug-15 A DD211060 IC checks & certifies Detailed Substructure Design of Bldg #2 18-Sep-15 A IC checks & certifies Detailed Substructure Design of Bldg #2 04-Aug-15 A ◆ Employer consents to Detailed Substructure Design of Bldg #2 Employer consents to Detailed Substructure Design of Bldg #2 0d DD211080 02-Oct-15 A 18-Jul-15 A Superstructure Design 18-Jul-15 A 23-Nov-15 A Prepare & submit Detailed Superstructure Design of Bldg #2 tg IC, ER & Employe DD211100 Prepare & submit Detailed Superstructure Design of Bldg #2 to IC, ER & Employe 18-Jul-15 A 27-Aug-15 A DD211110 Prepare & submit Method of Construction for Superstructure of Bldg #2 0d 31-Aug-15 A 16-Sep-15 A Prepare & submit Method of Construction for Superstructure of Bldg #2 IC checks & certifies Method of Construction of Superstructure Design of Bldg #2 DD211115 IC checks & certifies Method of Construction of Superstructure Design of Bldg #2 0d 17-Sep-15 A 02-Nov-15 A IC checks & comments on Detailed Superstructure Design of Bldg #2 DD211120 IC checks & comments on Detailed Superstructure Design of Bldg #2 28-Aug-15 A 16-Sep-15 A DD211140 Revise & resubmit Detailed Superstructure Design of Bldg #2 to IC, Employer & ER 17-Sep-15 A 26-Oct-15 A Revise & resubmit Detailed Superstructure Design of Bldg #2 to IC, Employer & ER 24-Sep-15 A DD211160 IC checks & certifies Detailed Superstructure Design of Bldg #2 0d 03-Nov-15 A IC checks & certifies Detailed Superstructure Design of Bldg #2 23-Nov-15 A ◆ Employer consents to Detailed Superstructure Design of Bldg #2 Employer consents to Detailed Superstructure Design of Bldg #2 0d DD211180 Steelwork Desig 14-Dec-15 A 01- Jun-16 Link Bridge Stee 37d 14-Dec-15 A 01-Jun-16 Prepare & submit Detailed Link Bridge Steelwork Design of Bldg #2 to IC, ER & Employer Prepare & submit Detailed Link Bridge Steelwork Design of Bldg #2 to IC, ER & Employe DD211200 14-Dec-15 A 05-Feb-16 A Prepare & submit Method of Construction for Bldg #2 Link Bridge Steelwork DD211210 Prepare & submit Method of Construction for Bldg #2 Link Bridge Steelwork 22d 18-Apr-16 18-May-16 DD211215 IC checks & certifies Method of Construction of Link Bridge Steelwork Design of Bldg #2 19-May-16 01-Jun-16 IC checks & certifies Method of Construction of Link Bridge Steelwork Design of Bldg #2 IC checks & comments on Detailed Link Bridge Steelwork Design of Bldg #2 DD211220 IC checks & comments on Detailed Link Bridge Steelwork Design of Bldg #2 Οd 06-Feb-16 A 22-Feb-16 A & resubmit Detailed Link Bridge Steelwork Design of Bldg #2 to IC, Employer & ER DD211240 Revise & resubmit Detailed Link Bridge Steelwork Design of Bldg #2 to IC, Employer & ER 0d 23-Feb-16 A 11-Mar-16 A DD211260 IC checks & certifies Detailed Link Bridge Steelwork Design of Bldg #2 0d 12-Mar-16 A 22-Mar-16 A checks & certifies Detailed Link Bridge Steelwork Design of Bldg #2 DD211280 Employer consents to Detailed Link Bridge Steelwork Design of Bldg #2 07-Apr-16 A nployer consents to Detailed Link Bridge Steelwork Design of Bldg #2 11-Feb-15 A 11-Feb-15 A AD Tank & CAPCS Stack (to be deleted/ Included in Building #1) hO 11-Feb-15 A 02-Nov-15 A Prepare & submit Detailed Piling Design of AD Tahk to IC, ER & Employe DD311000 Prepare & submit Detailed Piling Design of AD Tank to IC, ER & Employer 11-Feb-15 A 31-Mar-15 A DD311005 31-Mar-15 A Prepare & submit Detailed Piling Design of CAPCS Stack to IC, ER & Employe (to be delete Prepare & submit Detailed Piling Design of CAPCS Stack to IC, ER & Employer (to be deleted) 11-Feb-15 A DD311015 11-Feb-15 A 17-Apr-15 A Prepare & submit Method of Construction for Piling of AD Tank & CAPCS Stack (NA) Prepare & submit Method of Construction for Piling of AD Tank & CAPCS Stack (NA) 0d IC checks & certifies Method of Construction of Piling Design of AD Tank & CAPCS Stack (NA) 0d 08-Sep-15 A DD311018 IC checks & certifies Method of Construction of Piling Design of AD Tank & CAPCS Stack (NA) 18-Apr-15 A IC checks & comments on Detailed Piling Design of AD Tank & CAPCS Stack (NA) DD311020 IC checks & comments on Detailed Piling Design of AD Tank & CAPCS Stack (NA) 0d 01-Apr-15 A 14-Apr-15 A Revise & resubmit Detailed Piling Design of AD Tank & CAPCS Stack (NA) to IC, Employer & ER Revise & resubmit Detailed Piling Design of AD Tank & CAPCS Stack (NA) to IC, Employer & ER DD311040 15-Apr-15 A IC checks & certifies Detailed Piling Design of AD Tank & CAPCS Stack (NA) 0d I IC checks & certifies Detailed Piling Design of AD Tank & CAPCS Stack (INA DD311060 21-Apr-15 A 21-Apr-15 A 21-May-15 A DD311080 Employer consents to Detailed Piling Design of AD Tank & CAPCS Stack (NA) 0d ◆ Employer consents to Detailed Piling Design of AD Tank & CAPCS \$tack (NA) Prepare & submit Detailed Pile Cap Design of AD Tank & CAPÇS Stack (NA) to IC, ER & Employe Prepare & submit Detailed Pile Cap Design of AD Tank & CAPCS Stack (NA) to IC, ER & Employer DD311095 0d 20-May-15 A 26-Jun-15 A Prepare & submit Method of Construction for Pile Cap of AD Tank & CAPCS Stack (NA) DD311118 Prepare & submit Method of Construction for Pile Cap of AD Tank & CAPCS Stack (NA) 24-Jun-15 A 10-Aug-15 A DD311119 IC checks & certifies Method of Construction for Pile Cap of AD Tank & CAPCS Stack (NA) 0d 02-Nov-15 A IC checks & certifies Method of Construction for Pile Cap of AD Tank & CAPCS Stack (NA) 11-Aug-15 A IC checks & comments on Detailed Pile Cap Design of AD Tank & CAPCS Stack (NA) DD311120 IC checks & comments on Detailed Pile Cap Design of AD Tank & CAPCS Stack (NA) 13-Jul-15 A Revise & resubmit Detailed Pile Cap Design of AD Tank & CAPCS Stack (NA) to IC, Employer & ER DD311140 Revise & resubmit Detailed Pile Cap Design of AD Tank & CAPCS Stack (NA) to IC. Employer & ER Od 14-Jul-15 A 04-Aug-15 A I IC checks & certifies Detailed Pile Cap Design of AD Tank & CAPCS Stack (NA) IC checks & certifies Detailed Pile Cap Design of AD Tank & CAPCS Stack (NA) 05-Aug-15 A 06-Aug-15 A Employer consents to Detailed Pile Cap Design of AD Tank & CAPCS Stack (NA) ◆ Employer consents to Detailed Pile Cap Design of AD Tank & CAPCS Stack (NA) 0d 27-Jul-15 A DD311180 04-May-15 A 27-Nov-15 A DD311010 Prepare & submit Detailed Piling (& Pile Cap) Design of Ammonia Stripper to IC, ER & Employer 04-May-15 A 04-Jun-15 A Prepare & submit Detailed Piling (& Pile Cap) Design of Ammonia Stripper to IC, ER & Employer DD311082 Prepare & submit Method of Construction for Piling of Ammonia Stripper 24-Jun-15 A 10-Aug-15 A Prepare & submit Method of Construction for Piling of Ammonia Stripper IC checks & certifies Method of Construction of Piling Design of Ammonia Stripper DD311083 IC checks & certifies Method of Construction of Piling Design of Ammonia Stripper 11-Aug-15 A 08-Sep-15 A DD311083a Prepare & submit Method of Construction for Pile Cap of Ammonia Stripper 02-Nov-15 A 26-Nov-15 A Prepare & submit Method of Construction for Pile Cap of Ammonia Stripper IC checks & certifies Method of Construction of Pile Cap Design of Ammonia Stripper DD311083b IC checks & certifies Method of Construction of Pile Cap Design of Ammonia Strippe 18-Nov-15 A 27-Nov-15 A IC checks & comments on Detailed Filing (& Pile Cap) Design of Ammonia Stripper DD311084 IC checks & comments on Detailed Piling (& Pile Cap) Design of Ammonia Stripper 05-Jun-15 A 25-Jun-15 A 26-Jun-15 A 06-Jul-15 A DD311086 Revise & resubmit Detailed Piling (& Pile Cap) Design of Ammonia Stripper to IC, Employer & ER 0d Revise & resubmit Detailed Piling (& Pile Cap) Design of Ammonia Stripper to IC, Employer & ER IC checks & certifies Detailed Piling (& Pile Cap) Design of Ammohia Stripper IC checks & certifies Detailed Piling (& Pile Cap) Design of Ammonia Stripper 0d DD311088 07-Jul-15 A 13-Aug-15 A DD311090 Employer consents to Detailed Piling (& Pile Cap) Design of Ammonia Stripper 0d 10-Sep-15 A ◆ Employer consents to Detailed Piling (& Pile Cap) Design of Ammonia Strippe 25-May-15 A 16-Jun-16 396 Substructure Design DD311117 Prepare & submit Detailed Substructure Design of Weighbridge to IC, ER & Employer 17-Jun-15 A 29-Apr-16 repare & submit Detailed Substructure Design of Weighbridge to IC, ER & Employer 10d Prepare & submit Method of Construction for Substructure of Weighbridge DD311400 Prepare & submit Method of Construction for Substructure of Weighbridge 18-Apr-16 02-Jun-16 IC checks & dertifies Method of Construction for Substructure of Weighbridge DD311402 IC checks & certifies Method of Construction for Substructure of Weighbridge 14d 03-Jun-16 16-Jun-16

Environmental Protection Department of the HKSAR

Contract No. EP/SP/61/10

Organic Waste Treatment Facilities Phase 1

SUEZ ROSROCA
OSCAR Bioenergy Joint Venture

Contract Programme for the Design and Construction Works (v2.1)

ov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec DD311420 IC checks & comments on Detailed Substructure Design of Weighbridg Revise & resubmit Detailed Substructure Design of Weighbridge to IC, Employer & ER DD311440 Revise & resubmit Detailed Substructure Design of Weighbridge to IC, Employer & ER 7d 20-May-16 14-May-16 DD311460 IC checks & certifies Detailed Substructure Design of Weighbridge 27-May-16 ■ IC checks & certifies Detailed Substructure Design of Weighbridge 21-May-16 ♦ Employer consents to Detailed Substructure Design of Weighbridg 0d 10-Jun-16 DD311480 Employer consents to Detailed Substructure Design of Weighbridge 25-May-15 A DD311105 Prepare & submit Detailed Substructure Design of Biogas Storage Tank to IC, ER & Employe 15-Aug-15 A 21-Dec-15 A d Substructure Design of Biogas Storage Tank to IC, ER & Employer repaire & submit Detailed Substructure Design of Biogas Plant to IC, ER & Employer Prepare & submit Detailed Substructure Design of Biogas Plant to IC, ER & Employer 15-Aug-15 A 21-Dec-15 A DD311115 Prepare & submit Detailed Substructure Design of Desulphurization Tank to IC, ER & Employer (As AD pile cap) 0d 25-May-15 A 26-Jun-15 A Prepare & submit Detailed Substructure Design of Desulphurization Tank to IC, ER & Employer (As AD pile cap) Prepare & submit Method of Construction for Substructure of Biogas Tanks & Plant Roo DD311500 Prepare & submit Method of Construction for Substructure of Biogas Tanks & Plant Room 22-Dec-15 A 23-Feb-16 A IC checks & certifies Method of Construction for Substructure of Biogas Tariks & Plant Room DD311510 IC checks & certifies Method of Construction for Substructure of Biogas Tanks & Plant Room 0d 24-Feb-16 A 23-Mar-16 A IC checks & comments on Detailed Substructure Design of Biogas Tanks & Plant Room DD311520 IC checks & comments on Detailed Substructure Design of Biogas Tanks & Plant Room 22-Dec-15 A 08-Jan-16 A DD311540 Revise & resubmit Detailed Substructure Design of Biogas Tanks & Plant Room to IC, Employer & ER 0d 09-Jan-16 A 18-Jan-16 A Revise & resubnit Detailed Substructure Design of Biogas Tanks & Plant Room to IC, Employer & ER IC checks & certifies Detailed Substructure Design of Biogas Tanks & Plant Room 19-Jan-16 A 03-Feb-16 A IC checks & certifies Detailed Substructure Design of Biogas Tanks & Plant Room DD311560 ◆ Employer consents to Detailed Substructure Design of Biogas Tanks & Plant Room DD311580 Employer consents to Detailed Substructure Design of Biogas Tanks & Plant Room 0d 26-Feb-16 A 20-Jul-15 A **Energy Centre** Prepare & submit Detailed Substructure Design of Energy Centre to IC, ER & Employer epare & submit Detailed Substructure Design of Energy Centre to IC, ER & Employer repare & submit Method of Construction for Substructure of Energy Centre 0d 01-Apr-16 A DD311600 Prepare & submit Method of Construction for Substructure of Energy Centre 05-Feb-16 A 02-Apr-16 A DD311610 IC checks & certifies Method of Construction for Substructure of Energy Centre 17d 04-May-16 IC checks & certifies Method of Construction for Substructure of Energy Centre DD311620 IC checks & comments on Detailed Substructure Design of Energy Centre 04-Feb-16 A IC checks & comments on Detailed Substructure Design of Energy Centre 21-Jan-16 A 05-Feb-16 A DD311640 Revise & resubmit Detailed Substructure Design of Energy Centre to IC, Employer & ER 0d 19-Feb-16 A Revise & esubmit Detailed Substructure Design of Energy Centre to IC, Employer & ER IC ohecks & certifies Detailed Substructure Design of Energy Centre DD311660 IC checks & certifies Detailed Substructure Design of Energy Centre 0d 20-Feb-16 A 02-Mar-16 A Employer consents to Detailed Substructure Design of Energy Centre 29-Mar-16 A Employer consents to Detailed Substructure Design of Energy Co DD311680 20-May-15 A 10-Jun-16 122d Superstructure Desig AD Tank & Bund Wa Prepare & submit Detailed Supertructure Design of AD Tanks & Bund Wall to IC, ER & Employer DD311215 Prepare & submit Detailed Supertructure Design of AD Tanks & Bund Wall to IC, ER & Employe 20-May-15 A 26-Jun-15 A Prepare & submit Method of Construction for Superstructure of AD Tanks & Bund Wall DD311218 24-Jun-15 A 10-Aug-15 A Prepare & submit Method of Construction for Superstructure of AD Tanks & Bund Wall IC checks & certifies Method of Construction of Superstructure Design of AD Tanks & Bund Wall DD311219 IC checks & certifies Method of Construction of Superstructure Design of AD Tanks & Bund Wall 0d 11-Aug-15 A 23-Sen-15 A IC checks & comments on Detailed Superstructure Design of AD Tanks, & Bund Wall; DD311220 IC checks & comments on Detailed Superstructure Design of AD Tanks & Bund Wall 0d 27-Jun-15 A 13-Jul-15 A Revise & resubmit Detailed Superstructure Design of AD Tanks & Bund Wall to IC, Employer & ER DD311240 Revise & resubmit Detailed Superstructure Design of AD Tanks & Bund Wall to IC, Employer & ER 0d 14-Jul-15 A 04-Aug-15 A IC checks & certifies Detailed Superstructure Design of AD Tanks & Bund Wall I IC checks & certifies Detailed Superstructure Design of AD Tanks & Bund Wall DD311260 05-Aug-15 A 06-Aug-15 A 01-Sep-15 A DD311280 Employer consents to Detailed Superstructure Design of AD Tanks & Bund Wal 0d ♦ Employer consents to Detailed Superstructure Design of AD Tanks & Bund Wall 17-Jun-15 A 10-Jun-16 44d Prepare & submit Detailed Supertructure Design of Weighbridge to IC, ER & Employer Prepare & submit Detailed Supertructure Design of Weighbridge to IC, ER & Employer DD311700 21d 18-Apr-16 17-May-16 Prepare & submit Method of Construction for Superstructure of Weighbridge Prepare & submit Method of Construction for Superstructure of Weighbridge IC checks & certifies Method of Construction of Superstructure Design of Weighbridge 18-May-16 31-May-16 IC checks & certifies Method of Construction of Superstructure Design of Weighbridge IC checks & comments on Detailed Superstructure Design of Weighbridge DD311720 IC checks & comments on Detailed Superstructure Design of Weighbridge 14d 30-Apr-16 13-May-16 Revise & resubmit Detailed Superstructure Design of Weighbridge to IC, Employer & ER DD311740 Revise & resubmit Detailed Superstructure Design of Weighbridge to IC, Employer & ER 14-May-16 DD311760 7d 27-May-16 108d ☐ IC checks & certifies Detailed Superstructure Design of Weighbridge IC checks & certifies Detailed Superstructure Design of Weighbridge 21-May-16 0d ◆ Employer consents to Detailed Superstructure Design of Weighbridge DD311780 Employer consents to Detailed Superstructure Design of Weighbridge Energy Centre 15-Aug-15 A 23-May-16 repare & supmit Detailed Supertructure Design of Energy Centre to IC, ER & Employer Prepare & submit Detailed Supertructure Design of Energy Centre to IC, ER & Employer DD311200 15-Aug-15 A 02-Feb-16 A DD311800 Prepare & submit Method of Construction for Superstructure of Energy Centre 15d 15-Feb-16 A 09-May-16 Prepare & submit Method of Construction for Superstructure of Energy Centre IC checks & certifies Method of Construction of Superstructure Design of Energy Centre DD311810 IC checks & certifies Method of Construction of Superstructure Design of Energy Centre 14d 10-May-16 23-May-16 IC checks & comments on Detailed Superstructure Design of Energy Centre DD311820 IC checks & comments on Detailed Superstructure Design of Energy Centre Οd 03-Feb-16 A 12-Feb-16 A Revise & resubmit Detailed Superstructure Design of Energy Centre to IC, Employer & ER 13-Feb-16 A 02-Mar-16 A esubmit Detailed Superstructure Design of Energy Centre to IC, Employer & ER DD311840 ■ IC checks & certifies Detailed Superstructure Design of Energy Centre DD311860 IC checks & certifies Detailed Superstructure Design of Energy Centre 0d 03-Mar-16 A 10-Mar-16 A Employer consents to Detailed Superstructure Design of Energy Centre 18-Apr-16 Employer consents to Detailed Superstructure Design of Energy Centre 01-Mar-16 A 10-Jun-16 122d Prepare & submit Detailed Supertructure Design of Gate House to IC, ER & Employe DD311210 Prepare & submit Detailed Supertructure Design of Gate House to IC, ER & Employer 01-Mar-16 A 29-Apr-16 17-May-16 Prepare & submit Method of Construction for Superstructure of Gate House DD311900 21d IC checks & certifies Method of Construction of Superstructure Design of Gate House DD311910 IC checks & certifies Method of Construction of Superstructure Design of Gate House 14d 18-May-16 31-May-16 DD311920 IC checks & comments on Detailed Superstructure Design of Gate House 13-May-16 IC checks & comments on Detailed Superstructure Design of Gate House 30-Apr-16 Revise & resubmit Detailed Superstructure Design of Gate House to IC, Employer & ER DD311940 Revise & resubmit Detailed Superstructure Design of Gate House to IC, Employer & ER 7d 20-May-16 14-May-16 ☐ IC checks & certifies Detailed Superstructure Design of Gate House DD311960 IC checks & certifies Detailed Superstructure Design of Gate House 7d 21-May-16

**Environmental Protection Department** SUEZ TAL N RosRoca **Contract Programme for the Design and** Contract No. EP/SP/61/10 of the HKSAR **Construction Works (v2.1) OSCAR Bioenergy Joint Venture** Organic Waste Treatment Facilities Phase 1 ov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Employer consents to Detailed Superstructure Design of Gate House DD311980 Section 1- Sewerage System and Rising Main and Section 2- Storm Drain 20-Apr-15 A 18-Mar-16 A 18-Mar-16 A 20-Apr-15 A Prepare & submit Detailed Civil Design of external works (Section 1 & 2) to EPD & DSD repare & submit Detailed Civil Design of external works (Section 1 & 2) to EPD & DSD Prepare & submit Method of Construction for External Works (Section 1 & 2) DD411010 Prepare & submit Method of Construction for External Works (Section 1 & 2) 0d 09-Nov-15 A 29-Dec-15 A IC checks & certifies Method of Construction of External Works (Section 1 & 2) IC checks & certifies Method of Construction of External Works (Section 1 & 2) 30-Dec-15 A Submit Detailed Design of External Works (Section 1 & 2) to IC, Employer & ER 06-Jul-15 A DD411020 Submit Detailed Design of External Works (Section 1 & 2) to IC. Employer & ER 0d IC checks & comments on Detailed Design of External Works (Section 1 & 2) DD411040 IC checks & comments on Detailed Design of External Works (Section 1 & 2) 07-Jul-15 A 24-Jul-15 A Revise & resummit Detailed Design of External Works (Section 1 & 2) to IC, Employer & ER DD411060 Revise & resubmit Detailed Design of External Works (Section 1 & 2) to IC. Employer & ER 0d 24-Jul-15 A 09-Sep-15 A DD411080 IC checks & certifies Detailed Civil Design of External Works (Section 1 & 2) 07-Aug-15 A 19-Feb-16 A IC checks & certifies Detailed Civil Design of External Works (Section 1 & 2) 0d ◆ Employer consents to Detailed Civil Design of External Works (Section 1 & 2) DD411100 Employer consents to Detailed Civil Design of External Works (Section 1 & 2) 09-Mar-16 A 02-Jul-15 A 02-Jul-15 A 31-May-16 repaire & submit Detailed Civil Design of external works (Section 3 & 4) to WSD DD411120 Prepare & submit Detailed Civil Design of external works (Section 3 & 4) to WSD 0d 02-Jul-15 A 24-Dec-15 A DD411130 Prepare & submit Method of Construction for External Works (Section 3 & 4) 21d 17-May-16 Prepare & submit Method of Construction for External Works (Section 3 & 4) IC checks & certifies Method of Construction of External Works (Section 3 & 4) 31-May-16 DD411135 IC checks & certifies Method of Construction of External Works (Section 3 & 4) 14d 18-May-16 DD411140 Submit Detailed Design of External Works (Section 3 & 4) to IC, Employer & ER 22-Oct-15 A rks (Section 3 & 4) to IC, Employer & ER Detailed Design of External Works (Section 3 & 4) IC checks & comments on Detailed Design of External Works (Section 3 & 4) Od 08-Dec-15 A IC checks & comments DD411160 23-Oct-15 A Revise & resubmit Detailed Design of External Works (Section 3 & 4) to IC, Employer & ER DD411180 Revise & resubmit Detailed Design of External Works (Section 3 & 4) to IC, Employer & ER 01-Dec-15 A 20-Jan-16 A IC checks & certifies Detailed Civil Design of External Works (Section 3 & 4) DD411200 IC checks & certifies Detailed Civil Design of External Works (Section 3 & 4) Ωd 21-Jan-16 A 15-Feb-16 A yer consents to Detailed Civil Design of External Works (Section 3 & 4) DD411220 Employer consents to Detailed Civil Design of External Works (Section 3 & 4) Section 5- Road, Paving, Road Marking 41d 14-Sep-15 A 06-Jun-16 180d 14-Sep-15 A Prepare & submit Detailed Civil Design of external works (Section 5) to Hyd & TD pare, & submit Detailed Civil Design of external works (Section 5) to Hyd & TD Prepare & submit Method of Construction for External Works (Section 5) DD411480 Prepare & submit Method of Construction for External Works (Section 5) 25d 18-Apr-16 23-May-16 1510 DD411500 06-Jun-16 IC checks & certifies Method of Construction of External Works (Section 5) IC checks & certifies Method of Construction of External Works (Section 5) 24-May-16 DD411520 Submit Detailed Design of External Works (Section 5) to IC, Employer & ER 0d 20-Jan-16 A Design of External Works (Section 5) to IC, Employer & ER 03-Feb-16 A IC checks & comments on Detailed Design of External Works (Section 5) DD411540 Revise & resubmit Detailed Design of External Works (Section 5) to IC, Employer & ER DD411560 Revise & resubmit Detailed Design of External Works (Section 5) to IC, Employer & ER 0d 04-Feb-16 A 14-Mar-16 A IC checks & certifies Detailed Civil Design of External Works (Section 5) IC checks & certifies Detailed Civil Design of External Works (Section 5) DD411580 02-May-16 ◆ Employer consents to Detailed Civil Design of External Works (Section 5) Employer consents to Detailed Civil Design of External Works (Section 5) 0d 16-May-16 165d DD411600 Section 6- Ext. Lighting 14-Sep-15 A 27-Jun-16 387 14-Sep-15 A 27-Jun-16 387d repare & submit Detailed Civil Design of external works (Section 6) to Hyd & TD Prepare & submit Detailed Civil Design of external works (Section 6) to Hyd & TD DD411240 15d 14-Sep-15 A 09-May-16 DD411250 25d 28-Apr-16 02-Jun-16 331d Prepare & submit Method of Construction for External Works (Section 6) Prepare & submit Method of Construction for External Works (Section 6) IC checks & certifies Method of Construction of External Works (Section 6) DD411255 IC checks & certifies Method of Construction of External Works (Section 6) 14d 03-Jun-16 16-Jun-16 DD411260 Submit Detailed Design of External Works (Section 6) to IC, Employer & ER Od 16-May-16 ◆ Submit Detailed Design of External Works (Section 6) to IC, Employer & ER IC checks & comments on Detailed Design of External Works (Section 6) DD411280 IC checks & comments on Detailed Design of External Works (Section 6) 14d 17-May-16 30-May-16 DD411300 Revise & resubmit Detailed Design of External Works (Section 6) to IC, Employer & ER 7d 31-May-16 Revise & resubmit Detailed Design of External Works (Section 6) to IC, Employer & ER IC checks & certifies Detailed Civil Design of External Works (Section 6) ☐ IC checks & certifies Detailed Civil Design of External Works (Section 6) 7d DD411320 07-Jun-16 13-Jun-16 DD411340 Employer consents to Detailed Civil Design of External Works (Section 6) 0d 27-Jun-16 ◆ Employer consents to Detailed Civil Design of External Works (Section 6 14-Sep-15 A Section 7- Fencing, Gate, Perm. Signboard 06-Jun-16 333d DD411620 Prepare Detailed Civil Design of external works (Section 7) 14-Sep-15 A 05-Feb-16 A iled Civil Design of external works (Section 7) Prepare & submit Method of Construction for External Works (Section 7) 25d 18-Apr-16 Prepare & submit Method of Construction for External Works (Section 7) DD411640 23-May-16 IC checks & certifies Method of Construction of External Works (Section 7) DD411660 IC checks & certifies Method of Construction of External Works (Section 7) 14d 24-May-16 06-Jun-16 Submit Detailed Design of External Works (Section 7) to IC, Employer & ER DD411680 Submit Detailed Design of External Works (Section 7) to IC, Employer & ER 05-Feb-16 A ■ IC checks & comments on Detailed Design of External Works (Section 7) DD411700 IC checks & comments on Detailed Design of External Works (Section 7) 0d 06-Feb-16 A 12-Feb-16 A DD411720 Revise & resubmit Detailed Design of External Works (Section 7) to IC, Employer & ER Revise & resubmit Detailed Design of External Works (Section 7) to IC, Employer & ER 13-Feb-16 A 09-Mar-16 A ■ IC checks & certifies Detailed Civil Design of External Works (Section 7) DD411740 IC checks & certifies Detailed Civil Design of External Works (Section 7) DΩ 10-Mar-16 A 17-Mar-16 A DD411760 Employer consents to Detailed Civil Design of External Works (Section 7) 0d 05-Apr-16 A mployer consents to Detailed Civil Design of External Works (Section 7) Sub & Superstructure - Boundary Wall DΩ 01-Dec-15 A 23-Mar-16 A 01-Dec-15 A 23-Mar-16 A tailed Civil Design of external works (Sub & Superstructure - Boundary Wall) to IC, Employer & ER Prepare & submit Detailed Civil Design of external works (Sub & Superstructure - Boundary Wall) to IC, Employer & ER 01-Dec-15 A Prepare & submit Method of Construction for External Works (Sub & Superstructure - Boundary Wall) DD411370 Prepare & submit Method of Construction for External Works (Sub & Superstructure - Boundary Wall) Οd 18-Jan-16 A 23-Feb-16 A

Project:OWTF1\_v2.1 Ref.:WS-OSC-00-0-TM-0001G, Date: 20-May-2016



Environmental Protection Department of the HKSAR

Contract No. EP/SP/61/10

Organic Waste Treatment Facilities Phase 1

SUEZ ROSROCA
OSCAR Bioenergy Joint Venture

Contract Programme for the Design and Construction Works (v2.1)

ov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec DD411375 IC checks & certifies Method of Construction of External Works (Sub & Superstructure - Boundary Wall) its on Detailed Design of External Works (Sub & Superstructure - Boundary Wall) DD411380 IC checks & comments on Detailed Design of External Works (Sub & Superstructure - Boundary Wall) 0d 22-Dec-15 A 08-Jan-16 A IC checks & cor DD411400 Revise & resubmit Detailed Design of External Works (Sub & Superstructure - Boundary Wall) to IC, Employer & ER 09-Jan-16 A 18-Jan-16 A Revise & resubmit Detailed Design of External Works (Sub & Superstructure - Boundary Wall) to IC, Employer & ER IC checks & certifies Detailed Civil Design of External Works (Sub & Superstructure - Boundary Wall) IC checks & certifies Detailed Civil Design of External Works (Sub & Superstructure - Boundary Wall) 0d DD411420 19-Jan-16 A 03-Feb-16 A Employer consents to Detailed Civil Design of External Works (Sub & Superstructure - Boundary Wall) ♦ Employer consents to Detailed Civil Design of External Works (Sub & Superstructure - Boundary Wall) ectural, Building Works & Finishes (ABWF) Building #1 (Waste Receiving, Pre-treatment & Admin. Building) 41d 18-Nov-15 A 41d 18-Nov-15 A 06-Jun-16 103d Prepare & submit Detailed Design of Bldg.#1 ABWF to IC, ER & Employer epare & submit Detailed Design of Bldg.#1 ABWF to IC, ER & Employe Prepare & submit Method of Construction for Bldg.#1 ABWF DD120110 Prepare & submit Method of Construction for Bldg.#1 ABWE 25d 18-Apr-16 23-May-16 IC checks & certifies Method of Construction of Bldg.#1 ABWF 24-May-16 06-Jun-16 IC checks & cettifies Method of Construction of Bldg.#1 ABWF DD120115 checks & comments on Detailed Design of Bldg.#1 ABWF DD120120 IC checks & comments on Detailed Design of Bldg.#1 ABWF 0d 05-Mar-16 A 29-Mar-16 A Revise & resultmit Detailed Design of Bldg.#1 ABWF to IC, Employer & ER DD120140 Revise & resubmit Detailed Design of Bldg.#1 ABWF to IC, Employer & ER 30-Mar-16 A ■ IC checks & certifies Detalled Design of Bldg.#1 ABWF DD120160 IC checks & certifies Detailed Design of Bldg #1 ABWE 7d 10-May-16 16-May-16 133d ♦ Employer consents to Detailed Design of Bldg.#1 ABWF Employer consents to Detailed Design of Bldg.#1 ABWF 0d 30-May-16 24-May-16 Building #2 (Composting & Maturation Building) 30d 18-Sep-15 A 24-May-16 18-Sep-15 A of Bldg #2 ABWF to IC, ER & Employe Prepare & submit Method of Construction for Bldg.#2 ABW DD121110 Prepare & submit Method of Construction for Bldg.#2 ABW F 12d 18-Feb-16 A 04-May-16 IC checks & certifies Method of Construction of Bldg.#2 ABWF IC checks & certifies Method of Construction of Bldg.#2 ABWF 05-May-16 checks & comments on Detailed Design of Bldg.#2 ABWF DD121120 IC checks & comments on Detailed Design of Bldg.#2 ABWF 0d 06-Nov-15 A 29-Mar-16 A Revise & resubmit Detailed Design of Bldg.#2 ABWF to IC, Employer & ER DD121140 Revise & resubmit Detailed Design of Bldg.#2 ABWF to IC, Employer & EF ■ IC checks & certifies Detailed Design of Bldg.#2 ABW DD121160 IC checks & certifies Detailed Design of Bldg.#2 ABWF 7d 04-May-16 10-May-16 108d ◆ Employer consents to Detailed Design of Bldg.#2 ABWF Employer consents to Detailed Design of Bldg.#2 ABWF 01-Dec-15 A 06-Jun-16 Building #3 (Auxiliary Buildings & Facilities) 41d 01-Dec-15 A 06-Jun-16 submit Detailed Design of Bldg;#3 ABWF to IC, ER & Employe Prepare & submit Detailed Design of Bldg.#3 ABWF to IC, ER & Employe Prepare & submit Method of Construction for Bldg.#3 ABWF DD122110 Prepare & submit Method of Construction for Bldg.#3 ABWF 25d 18-Apr-16 23-May-16 IC checks & certifies Method of Construction of Bldg.#3 ABWF DD122115 24-May-16 IC checks & certifies Method of Construction of Bldg.#3 ABWF checks & comments on Detailed Design of Bldg.#3 ABWF DD122120 IC checks & comments on Detailed Design of Bldg.#3 ABWF 0d 05-Mar-16 A 29-Mar-16 A Revise & resubmit Detailed Design of Bldg.#3 ABWF to IC, Employer & ER Revise & resubmit Detailed Design of Bldg.#3 ABWF to IC, Employer & ER DD122140 30-Mar-16 A ■ IC checks & certifies Detailed Design of Bldg.#3 ABWF IC checks & certifies Detailed Design of Bldg.#3 ABWF 7d DD122160 04-May-16 10-May-16 DD122180 Employer consents to Detailed Design of Bldg.#3 ABWF 24-May-16 ◆ Employer consents to Detailed Design of Bldg.#3 ABWF 01-Dec-15 A nterior Fitting-out Works 01-Dec-15 A 01-Dec-15 A 06-Jun-16 272d submit Detailed Interior Fitting-out Design to IC, ER & Employer DD120200 Prepare & submit Detailed Interior Fitting-out Design to IC, ER & Employe 04-Mar-16 A 01-Dec-15 A DD120210 Prepare & submit Method of Construction for Interior Fitting-out 25d 18-Apr-16 23-May-16 229d Prepare & submit Method of Construction for Interior Fitting-out IC checks & certifies Method of Construction of Interior Fitting-out DD120215 IC checks & certifies Method of Construction of Interior Fitting-out 24-May-16 06-Jun-16 DD120220 IC checks & comments on Detailed Interior Fitting-out Design Οd 05-Mar-16 A 29-Mar-16 A checks & comments on Detailed Interior Fitting-out Design Revise & resubmit Detailed Fitting-out Design to IC, Employer & ER DD120240 Revise & resubmit Detailed Fitting-out Design to IC, Employer & ER 30-Mar-16 A 09-May-16 ■ IC checks & certifies Detailed Interior Fitting-out Design DD120260 IC checks & certifies Detailed Interior Fitting-out Design 7d 10-May-16 16-May-16 151d DD120280 Employer consents to Detailed Interior Fitting-out Design 30-May-16 151 ♦ Employer consents to Detailed Interior Fitting-out Design External Landscape Works and Building #2 Green Roof 03-Aug-15 A 29-Jul-16 29-Jul-16 183d 03-Aug-15 A 29-Jul-16 183d Prepare & submit Detailed Design of Landscape and Building #2 Green Roof to EPD, LandsD, PlanD, ArchSD ebare & submit Detailed Design of Landscape and Building #2 Green Roof to EPD, Lands D. PlanD, ArchSD DD410200 12d 03-Aug-15 A 04-May-16 153d 50d 05-May-16 15-Jul-16 Prepare & submit Method of Construction for Landscape and Building #2 Green Roof DD410210 Prepare & submit Method of Construction for Landscape and Building #2 Green Roof IC checks & certifies Method of Construction of Landscape and Building #2 Green Roof 29-Jul-16 224d DD410215 14d 16-Jul-16 IC checks & certifies Method of Construction of Landscape and Building #2 Green Roof DD410220 Submit Detailed Design of Landscape and Building #2 Green Roof to IC, Employer & ER 10-Sep-15 A ♦ Submit Detailed Design of Landscape and Building #2 Green Roof to IC, Employer & ER 0d IC checks & comments on Detailed Design of Landscape and Building #2 Green Roof 11-Sep-15 A 22-Oct-15 A IC checks & comments on Detailed Design of Landscape and Building #2 Green Roof DD410240 Revise & resubmit Detailed Design of Landscape and Building #2 Green Roof to IC, Employer & ER Revise & resubmit Detailed Design of Landscape and Building #2 Green Roof to IC, Employer & ER 23-Oct-15 A IC checks & certifies Detailed Design of Landscape and Building #2 Green Roof 0d 10-Nov-15 A 12-Nov-15 A IC checks & certifies Detailed Design of Landscape and Building #2 Green Roof DD410280 DD410300 Employer consents to Detailed Design of Landscape and Building #2 Green Roof 05-Apr-16 A DETAILED DESIGN SUBMISSION (DDS) - ELECTRICAL AND MECHANICAL 23-Mar-15 A 27-Mar-15 A 0d 23-Mar-15 A 27-Mar-15 A

**Environmental Protection Department** SUEZ ATAL & RosRoca **Contract Programme for the Design and** Contract No. EP/SP/61/10 of the HKSAR **Construction Works (v2.1) OSCAR Bioenergy Joint Venture** Organic Waste Treatment Facilities Phase 1 Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec HAZOP Análysis DE010050 HAZOP Analysis 23-Mar-15 A 27-Mar-15 A 28-Dec-14 A Waste Receiving, Storage and Feeding System 28-Dec-14 A 07-Dec-15 A DF110200 Prepare & make Waste Receiving Equipment & Performance Submission to IC, ER & Employe 28-Dec-14 A 24-Jan-15 A Prepare & make Waste Receiving Equipment & Performance Submission to IC, ER & Em 0d IC checks & comments on Waste Receiving, Storage & Feeding Equipment IC checks & comments on Waste Receiving, Storage & Feeding Equipment 25-Jan-15 A 16-Feb-15 A DE110250 Revise & resubmit Waste Receiving, \$torage & Feeding Equipment to IC, Employer & DE110300 Revise & resubmit Waste Receiving, Storage & Feeding Equipment to IC, Employer & ER 0d 17-Feb-15 A 18-Feb-15 A DE110350 IC checks & certifies Waste Receiving, Storage and Feeding Equipment 19-Feb-15 A 26-Feb-15 A ■ IC checks & certifies Waste Receiving, Stdrage and Feeding Equipment DE110400 Employer consents to Waste Receiving, Storage and Feeding Equipment 0d 19-Jun-15 A ◆ Employer consents to Waste Receiving, Storage and Feeding Ec Prepare & submit Detailed Design of Waste Receiving, Storage & Feeding System to IC, ER & Employer DE110450 Prepare & submit Detailed Design of Waste Receiving, Storage & Feeding System to IC, ER & Employer 0d 02-Jun-15 A 07-Oct-15 A IC checks & comments on Detailed Design of Waste Receiving, Storage & Feeding System DE110500 IC checks & comments on Detailed Design of Waste Receiving, Storage & Feeding System 0d 01-Aug-15 A 06-Nov-15 A DE110550 Revise & resubmit Detailed Design of Waste Receiving, Storage & Feeding System to IC, Employer & ER 0d 07-Aug-15 A 18-Nov-15 A Revise & resubmit Detailed Design of Waste Receiving, Storage & Feeding System to IC, Employer & ER ☐ IC checks & certifies Waste Receiving, Storage and Feeding System DE110600 IC checks & certifies Waste Receiving, Storage and Feeding System 0d 10-Sep-15 A 24-Nov-15 A ◆ Employer consents to Waste Receiving, Storage and Feeding System Employer consents to Waste Receiving, Storage and Feeding System 0d 07-Dec-15 A DE110650 18-Jan-15 A Pre-Treatment System 18-Jan-15 A 18-Jan-15 A 18-Jan-16 A DE120200 Prepare & make Pre-treatment Equipment & Performance Submission to IC, ER & Employe 18-Jan-15 A 03-Feb-15 A Prepare & make Pre-treatment Equipment & Performance Submission to IC, ER & Emplo IC checks & comments on Pre-Treatment Equipment DE120250 04-Feb-15 A 27-Feb-15 A DE120300 Revise & resubmit Pre-Treatment Equipment IC, Employer & ER 0d 28-Feb-15 A 04-Mar-15 A Revise & resubmit Pre-Treatment Equipment IC, Employer & ER ■ IC checks & certifies Pre-treatment Equipment DE120350 IC checks & certifies Pre-treatment Equipment 05-Mar-15 A 0d DE120400 Employer consents to Pre-treatment Equipment 25-Jun-15 A Employer consents to Pre-treatment Equipment Prepare & submit Detailed Design of Pre-treatment System to IC, ER & Employer 02-Jun-15 A 11-Aug-15 A Prepare & submit Detailed Design of Pre-treatme C checks & comments on Detailed Design of Pre-Treatment System DE120500 IC checks & comments on Detailed Design of Pre-Treatment System 0d 12-Aug-15 A 20-Aug-15 A Revise & resubmit Detailed Design of Pre-DE120550 Revise & resubmit Detailed Design of Pre-Treatment System to IC, Employer & ER 21-Aug-15 A 15-Sep-15 A DE120600 IC checks & certifies Detailed Design of Pre-treatment System 05-Sep-15 A 25-Sep-15 A IC checks & certifies Detailed Design of Pre-treatment System DE120650 Employer consents to Detailed Design of Pre-treatment System Anaerobic Digestion (AD) Treatment System 07-Feb-15 A 07-Feb-15 A 21-Dec-15 A 07-Feb-15 A 21-Dec-15 A Prepare & make AD Equipment & Performance Submission to IC, ER & Employer Prepare & make AD Equipment & Performance Submission to IC, ER & Employe DE130200 07-Feb-15 A 05-Mar-15 A ■ IC checks & comments on AD Equipment DE130250 IC checks & comments on AD Equipmen 0d 06-Mar-15 A 09-Mar-15 A Revise & resubmit AD Equipment to IC, Employer & ER Revise & resubmit AD Equipment to IC, Employer & ER 0d 13-Mar-15 A DE130300 10-Mar-15 A DE130350 IC checks & certifies AD Equipment Οd 06-Mar-15 A 09-Mar-15 A ■ IC checks & certifies AD Equipment 0d 12-Oct-15 A ◆ Employer consents to AD Equipmen DE130400 Employer consents to AD Equipment Prepare & submit Detailed Design of AD Treatment System to IC, ER & Employer DE130450 Prepare & submit Detailed Design of AD Treatment System to IC, ER & Employer 0d 18-May-15 A 24-Jul-15 A IC checks & comments on Detailed Design of AD treatment System 0d 06-Aug-15 A DE130500 IC checks & comments on Detailed Design of AD treatment System 25-Jul-15 A DE130550 Revise & resubmit Detailed Design of AD Treatment System to IC, Employer & ER 0d 07-Aug-15 A 24-Aug-15 A Revise & resubmit Detailed Design of AD Treatment System to IC, Employer & ER IC checks & certifies AD Treatment System DE130600 IC checks & certifies AD Treatment System 0d 14-Aug-15 A 04-Sep-15 A 21-Dec-15 A ailed Design of AD Treatment Sy DE130650 Employer consents to Detailed Design of AD Treatment System ◆ Employer consents to Biogas Cleaning, Storage and Distribution System 28-Jan-15 A 01-Mar-16 A 28-Jan-15 A 01-Mar-16 A Prepare & make Biogas Equipment & Performance Submission to IC, ER & Employe Prepare & make Biogas Equipment & Performance Submission to IC, ER & Employe 28-Jan-15 A DE140250 0d 06-Mar-15 A IC checks & comments on Biogas Cleaning & Storage Equipment IC checks & comments on Biogas Cleaning & Storage Equipment 24-Feb-15 A Revise & resubmit Blogas Cleaning & Storage Equipment to IC, Employer & ER Revise & resubmit Biogas Cleaning & Storage Equipment to IC, Employer & ER 07-Mar-15 A IC checks & certifies Biogas Cleaning & Storage Equipment DE140350 IC checks & certifies Biogas Cleaning & Storage Equipment Od 14-Mar-15 A 16-Mar-15 A DE140400 Employer consents to Biogas Cleaning & Storage Equipment 01-Mar-16 A onsents to Biogas Cleaning & Storage Equipmen Prepare & submit Detailed Design of Biogas System to IC, ER & Employer 0d 23-Oct-15 A Prepare & submit Detailed Design of Biogas System to IC, ER & Employer DE140450 02-Jun-15 A IC checks & comments on Detailed Design of Biogas System IC checks & comments on Detailed Design of Biogas System 20-Sep-15 A Revise & resulpmit Detailed Design of Biogas System to IC, Employer & ER DE140550 Revise & resubmit Detailed Design of Biogas System to IC, Employer & ER 0d 06-Oct-15 A 10-Dec-15 A C checks & certifies Biogas Cleaning & Storage System DE140600 IC checks & certifies Biogas Cleaning & Storage System 15-Oct-15 A 15-Dec-15 A 0d ◆ Employer consents to Biogas Cleaning & Storage System DE140650 Employer consents to Biogas Cleaning & Storage System 07-Jan-16 A Combined Heat Recovery and Power (CHP) Generation System 15-Jan-15 A 07-Dec-15 A Project:OWTF1\_v2.1 Activity Critical Page 13 of 37 print: 20-May-16 16:58 Ref.:WS-OSC-00-0-TM-0001G, Date: 20-May-2016 © Oracle Corporation ♦ Milestone Actual Work

**Environmental Protection Department** SUEZ ATAL & RosRoca **Contract Programme for the Design and** Contract No. EP/SP/61/10 of the HKSAR **Construction Works (v2.1)** OSCAR Bioenergy Joint Venture Organic Waste Treatment Facilities Phase 1 ov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec DE150200 Prepare & make CHP Equipment & Performance Submission to IC, ER & Employer IC checks & comments on CHP Equipment DE150250 IC checks & comments on CHP Equipment 0d 27-Jan-15 A 06-Feb-15 A DE150300 Revise & resubmit CHP Equipment to IC, Employer & ER 17-Feb-15 A 25-Feb-15 A Revise & resubmit CHP Equipment to IC, Employer & ER IC checks & certifies CHP Equipment DE150350 IC checks & certifies CHP Equipment 09-Mar-15 A 26-Feb-15 A Employer consents to CHP Equipment DE150450 Prepare & submit Detailed Design of CHP Generation System to IC, ER & Employer 0d 06-Jul-15 A Prepare & submit Detailed Design of CHP Generation System to IC, ER & Employer 25-May-15 A 20-Jul-15 A DE150500 IC checks & comments on Detailed Design of CHP Generation System 0d IC checks & comments on Detailed Design of CHP Generation System 07-Jul-15 A Revise & resubmit Detailed Design of CHP Generation System to IC, Employer & ER DE150550 Revise & resubmit Detailed Design of CHP Generation System to IC. Employer & ER 0d 21-Jul-15 A 27-Oct-15 A IC checks & certifies CHP Generation System DE150600 IC checks & certifies CHP Generation System 25-Sep-15 A 12-Nov-15 A ◆ Employer consents to CHP Generation Syster Employer consents to CHP Generation System 0d DE150650 07-Dec-15 A Continuous Emission Monitoring System (CEMS) 27-Feb-15 A 27-Feb-15 A 27-Feb-15 A DF180200 Prepare & make CEMS Equipment & Performance Submission to IC, ER & Employer 27-Feb-15 A 25-Mar-15 A Prepare & make CEMS Equipment & Performance Submission to IC. ER & En IC checks & comments on CEM\$ Equipment 26-Mar-15 A DE180250 IC checks & comments on CEMS Equipmen 15-Apr-15 A Revise & resubmit CEMS Equipment to IC, Employer & ER DE180300 Revise & resubmit CEMS Equipment to IC, Employer & ER Od 09-Apr-15 A 15-Apr-15 A DE180350 IC checks & certifies CEMS Equipment 16-Apr-15 A 20-Apr-15 A ■ IC checks & certifies CEMS Equipmen DE180400 Employer consents to CEMS Equipment 0d 10-Jun-15 A ◆ Employer consents to CEM\$ Equipment Prepare & submit Detailed Design of CEMS to IC, ER & Employer 0d Prepare & submit Detailed Design of CEMS to IC, ER & Employer DE180450 10-Apr-15 A 25-Aug-15 A IC Checks & comments on Detailed Design of CEMS DF180500 IC Checks & comments on Detailed Design of CEMS Οd 26-Aug-15 A 11-Sep-15 A Revise & resubmit Detailed Design of CEMS to IC, Employer & ER DE180550 Revise & resubmit Detailed Design of CEMS to IC, Employer & ER 12-Sep-15 A 13-Oct-15 A IC checks & certifies CEMS DF180600 IC checks & certifies CEMS 0d 14-Oct-15 A 06-Nov-15 A DE180650 Employer consents to CEMS ◆ Employer consents to CEMS 0d 17-Dec-15 A Digestate Dewatering System 23-Feb-15 A 23-Feb-15 A 25-Nov-15 A 23-Feb-15 A 25-Nov-15 A Prepare & make Digestate Dewatering Equipment & Performance Submission to C, ER & Employer Prepare & make Digestate Dewatering Equipment & Performance Submission to IC, ER & Employe DE163200 23-Feb-15 A 16-Mar-15 A IC checks & comments on Digestate Dewatering Equipment DE163250 IC checks & comments on Digestate Dewatering Equipment 0d 17-Mar-15 A 15-Apr-15 A Revise & resubmit Digestate Dewatering Equipment to IC, Employer & ER 08-Apr-15 A Revise & resubmit Digestate Dewatering Equipment to IC. Employer & ER 0d 25-Mar-15 A DE163300 DE163350 15-Apr-15 A ■ IC checks & certifies Digestate Dewatering Equipment IC checks & certifies Digestate Dewatering Equipment ♦ Employer consents to Digestate Dewatering Equipment DE163400 0d 02-Jul-15 A Employer consents to Digestate Dewatering Equipment Prepare & submit Detailed Design of Digestate Dewatering System to IC, ER & Employe DE163450 Prepare & submit Detailed Design of Digestate Dewatering System to IC, ER & Employer 10-Apr-15 A I IC checks & comments on Detailed Design of Digestate Dewatering System DE163550 IC checks & comments on Detailed Design of Digestate Dewatering System 0d 09-Aug-15 A 12-Aug-15 A Revise & resubmit Detailed Design of Digestate Dewatering System to IC, Employer & ER DE163600 Revise & resubmit Detailed Design of Digestate Dewatering System to IC, Employer & ER 13-Aug-15 A 0d DE163650 IC checks & certifies Digestate Dewatering System 25-Sep-15 A 03-Nov-15 A IC checks & certifies Digestate Dewatering System 25-Nov-15 A DE163700 Employer consents to Digestate Dewatering System 0d ◆ Employer consents to Digesta 29-Dec-14 A Composting and Maturation System 29-Dec-14 A 25-Nov-15 A 29-Dec-14 A 25-Nov-15 A Prepare & make Composting & Maturation Equipment & Performance Submission to IC, ER & Employer Preparé & make Composting & Maturation Equipment & Performance Submission to IC, ER & Employer DE160200 29-Dec-14 A 14-Jan-15 A IC checks & comments on Composting & Maturation Equipment DE160250 IC checks & comments on Composting & Maturation Equipment 0d 15-Jan-15 A 27-Jan-15 A 28-Jan-15 A Revise & resubmit Composting & Maturation Equipment to IC, Employer & ER DE160300 Revise & resubmit Composting & Maturation Equipment to IC, Employer & ER C checks & certifies Composting & Maturation Equipment DE160350 IC checks & certifies Composting & Maturation Equipment Οd 04-Feb-15 A 18-Feb-15 A 05-Oct-15 A ◆ Employer consents to Composting & Maturation Equipment DE160400 Employer consents to Composting & Maturation Equipment DE160450 Prepare & submit Detailed Design of Composting System to IC, ER & Employer 0d 12-Mar-15 A 08-Aug-15 A Prepare & submit Detailed Design of Composting System to IC, ER & Employer DE160500 IC checks & comments on Detailed Design of Composting System 09-Aug-15 A 12-Aug-15 A ■ IC checks & comments on Detailed Design of Composting System Revise & resubmit Detailed Design of Composting System to IC, Employer & ER DE160550 Revise & resubmit Detailed Design of Composting System to IC, Employer & ER 13-Aug-15 A 16-Oct-15 A IC checks & certifies Composting System DE160600 IC checks & certifies Composting System 25-Sep-15 A 03-Nov-15 A ◆ Employer consents to Composting System DF160650 Employer consents to Composting System Οd 25-Nov-15 A Wastewater Treatment System (WWTS) 23-Jan-15 A 28-Oct-15 A 23-Jan-15 A 28-Oct-15 A Prepare & make WWTS Equipment & Performance Submission to IC, ER & Employe Prepare & make WWTS Equipment & Performance Submission to IC, ER & Employe IC checks & comments on WWTS Equipment 0d DE190250 IC checks & comments on WWTS Equipment 14-Feb-15 A 09-Mar-15 A Revise & resubmit WWTS Equipment to IC, Employer & ER 13-Mar-15 A Revise & resubmit WWTS Equipment to IC, Employer & ER 10-Mar-15 A DE190350 IC checks & certifies WWTS Equipment 0d 14-Feb-15 A 09-Mar-15 A IC checks & certifies WWTS Equipment Project:OWTF1\_v2.1 Activity Critical print: 20-May-16 16:58 Page 14 of 37 Ref.:WS-OSC-00-0-TM-0001G, Date: 20-May-2016 © Oracle Corporation ♦ Milestone Actual Work

**Environmental Protection Department** SUEZ RosRoca **Contract Programme for the Design and** Contract No. EP/SP/61/10 of the HKSAR **Construction Works (v2.1) OSCAR Bioenergy Joint Venture** Organic Waste Treatment Facilities Phase 1 ov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec DE190400 Employer consents to WWTS Equipment Prepare & submit Detailed Design of WWTS to IC, ER & Employe DE190450 Prepare & submit Detailed Design of WWTS to IC, ER & Employer 0d 04-May-15 A 27-Jul-15 A DE190500 IC checks & comments on Detailed Design ofWWTS 28-Jul-15 A 14-Aug-15 A IÇ checks & comments on Detailed Design of WWT\$ Revise & resubmit Detailed Design of WWTS to IC, Employer & ER DE190550 Revise & resubmit Detailed Design of WWTS to IC, Employer & ER 0d 15-Aug-15 A 01-Sep-15 A IC checks & certifies Wastewater Treatmer IC checks & certifies Wastewater Treatment System 26-Aug-15 A 11-Sep-15 A ◆ Employer consents to Wastewater Treatment System DE190650 Employer consents to Wastewater Treatment System 0d 28-Oct-15 A Centralized Air Pollution Control (CAPC) System 12-Oct-15 A 18-Dec-14 A 12-Oct-15 A Prepare & make CAPC Equipment & Performance Submission to IC, ER & Employer DE170200 Prepare & make CAPC Equipment & Performance Submission to IC, ER & Employer 18-Dec-14 A 14-Jan-15 A DE170250 IC checks & comments on CAPC System Equipment 15-Jan-15 A 27-Jan-15 A ■ IC checks & comments on CAPC System Equipment Revise & resubmit CAPC System Equipment to IC, Employer & ER DE170300 Revise & resubmit CAPC System Equipment to IC, Employer & ER 0d 28-Jan-15 A 03-Feb-15 A IC checks & certifies CAPC System Equipment DE170350 IC checks & certifies CAPC System Equipment 04-Feb-15 A 25-Feb-15 A DF170400 Employer consents to CAPC System Equipment Οd 11-May-15 A ◆ Employer consents to CAPC System Equipment 05-Jun-15 A DE170450 Prepare & Submit Detailed Design of CAPC System to IC, ER & Employer Prepare & Submit Detailed Design of CAPC System to IC, ER & E 12-May-15 A IC checks & comments on Detailed Design of CAPC System DE170500 IC checks & comments on Detailed Design of CAPC System Od 06-Jun-15 A 23-Jun-15 A DE170550 Revise & resubmit Detailed Design of CAPC System to IC, Employer & ER 02-Jul-15 A Revise & resubmit Detailed Design of CAPC System to IC, Employer & ER 24-Jun-15 A IC checks & certifies CAPC System DE170600 IC checks & certifies CAPC System 0d 03-Jul-15 A 31-Jul-15 A DE170650 Employer consents to CAPC System 0d ◆ Employer consents to CAPC Syste 12-Oct-15 A and Accessories - Switchgear, LCP, Cable, Earthing, etc. 09-Mar-15 A 26-Jul-16 High Voltage (HV) 26-Jul-16 363d 02-Jan-16 A 26-Jul-16 363d make HV Elect. Equipment & Performance Submission to IC, ER & Employer Prepare & make HV Elect. Equipment & Performance Submission to IC, ER & Employe DE200700 02-Jan-16 A 27-Feb-16 A DE200750 hecks & comments on HV Electrical System Equipment 0d 29-Feb-16 A 23-Mar-16 A Revise & resubmit HV Electrical System Equipment to IC, Employer & ER DE200800 Revise & resubmit HV Electrical System Equipment to IC, Employer & ER 16d 24-Mar-16 A 03-May-16 508d IC checks & certifies HV Electrical System Equipment 10-May-16 ☐ IC checks & certifies HV Electrical System Equipment DE200850 0d ◆ Employer consents to HV Electrical System Equipment Employer consents to HV Electrical System Equipment 24-May-16 DE200900 DE200950 Prepare & submit Detailed Design of HV Electrical System to IC, ER & Employer 37d 21-Apr-16 14-Jun-16 Prepare & submit Detailed Design of HV Electrical System to IC, ER & Employe IC checks & comments on Detailed Design of HV Electrical System DE201100 IC checks & comments on Detailed Design of HV Electrical System 14d 15-Jun-16 28-Jun-16 DE201150 Revise & resubmit Detailed Design of HV Electrical System to IC, Employer & ER Revise & resubmit Detailed Design of HV Electrical System to IC, Employer & ER 05-Jul-16 DE201200 IC checks & certifies HV Electrical System 7d 12-Jul-16 ■ IC checks & certifies HV Electrical System 06-Jul-16 Employer consents to HV Electrical System 26-Jul-16 ◆ Employer consents to HV Electrical System DE201250 12-Jul-16 375d Low Volatage (LV) and Emergency Generator 09-Mar-15 A 09-Mar-15 A 12-Jul-16 375d DE200200 Prepare & make Elect. Equipment & Performance Submission to IC, ER & Employe Prepare & make Elect. Equipment & Performance Submission to IC, ER & Employer DE200250 IC checks & comments on Electrical System Equipment 52d 01-Apr-15 A 08-Jun-16 493d IC checks & comments on Electrical System Equipment DE200300 Revise & resubmit Electrical System Equipment to IC, Employer & ER 59d 16-Apr-15 A 15-Jun-16 486 Revise & resubmit Electrical System Equipment to IC, Employer & ER IC checks & certifies Electrical System Equipment DE200350 IC checks & certifies Electrical System Equipment 22-Apr-15 A 22-Jun-16 465d DE200400 Employer consents to Electrical System Equipment 0d 06-Jul-16 ◆ Employer consents to Electrical System Equipment Prepare & submit Detailed Design of Electrical System to IC, ER & Employer DE200450 Prepare & submit Detailed Design of Electrical System to IC, ER & Employer 02-May-15 A 31-May-16 341 31d DE200500 IC checks & comments on Detailed Design of Electrical System 58d 13-May-15 A 14-Jun-16 IC checks & comments on Detailed Design of Electrical System Revise & resubmit Detailed Design of Electrical System to IC, Employer & ER 65d Revise & resubmit Detailed Design of Electrical System to IC, Employer & ER DE200550 10-Jul-15 A 21-Jun-16 IC checks & certifies Electrical System 72d 15-Jul-15 A ■ IC checks & certifies Electrical System DE200600 DE200650 Employer consents to Electrical System 0d 12-Jul-16 ◆ Employer consents to Electrical Syst Instrumentation, Control and Monitoring System (SCADA/PLC) 20-Mar-15 A 20-Mar-15 A Prepare & make SCADA/PLC Equipment & Performance Submission to DE210200 Prepare & make SCADA/PLC Equipment & Performance Submission to IC. ER & Employe 20-Mar-15 A 22-Apr-15 A IC checks & comments on SCADA/PLC Equipment Revise & resubmit SCADA/PLC Equipment to C, Employer & ER DE210300 Revise & resubmit SCADA/PLC Equipment to IC, Employer & ER Od 09-May-15 A 13-May-15 A DE210350 IC checks & certifies SCADA/PLC Equipment 14-May-15 A 15-May-15 A I IC checks & certifies SCADA/PLC Equipment Employer consents to SCADA/PLC Equipment 0d 25-Jun-15 A ◆ Employer consents to SCADA/PLC Equipment DE210400 Prepare & submit Detailed Design of SCADA/PLC to IC, ER & Employer 15-Jul-15 A Prepare & submit Detailed Design of SCADA/PLC to IC, ER & Employer IC checks & comments on Detailed Design of SCADA/PLC System DF210500 IC checks & comments on Detailed Design of SCADA/PLC System 884 06-Oct-15 A 14-Jul-16 457d Revise & resubmit Detailed Design of \$CADA/PLC System to IC, Employer & ER Revise & resubmit Detailed Design of SCADA/PLC System to IC, Employer & ER 30-Oct-15 A 21-Jul-16 Project:OWTF1\_v2.1 Activity Critical print: 20-May-16 16:58 Page 15 of 37 Ref.:WS-OSC-00-0-TM-0001G, Date: 20-May-2016 © Oracle Corporation 

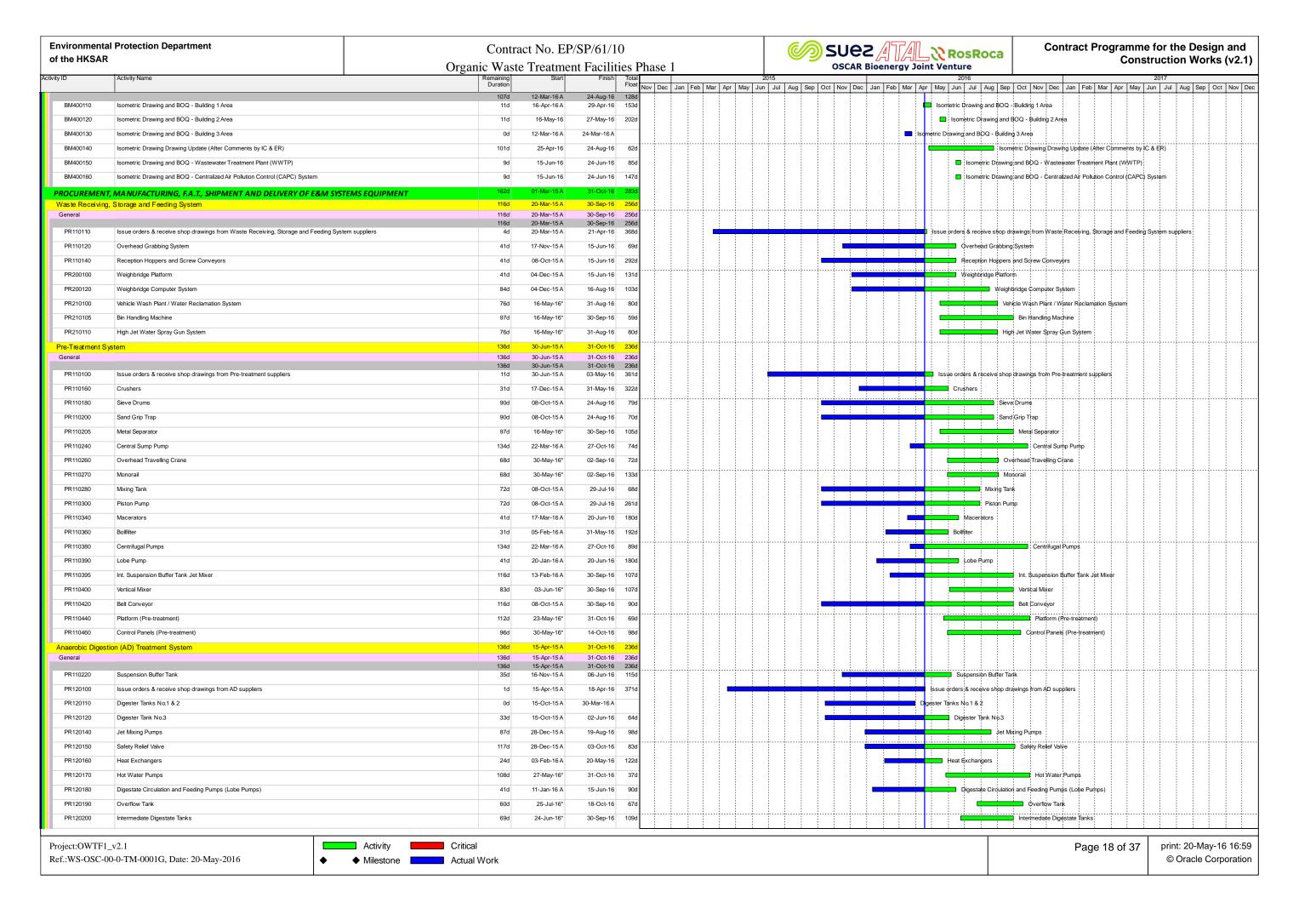
**Environmental Protection Department** SUEZ ATAL & RosRoca **Contract Programme for the Design and** Contract No. EP/SP/61/10 of the HKSAR **Construction Works (v2.1) OSCAR Bioenergy Joint Venture** Organic Waste Treatment Facilities Phase 1 ov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec DE210600 IC checks & certifies SCADA/PLC System 06-Nov-15 A ◆ Employer consents to SCADA/PLC System DE210650 Employer consents to SCADA/PLC System 0d 11-Aug-16 18-Aug-15 A 24-Jun-16 18-Aug-15 A 24-Jun-16 3890 DE300200 Prepare & make Perm. Mobile Plants Equipment & Performance Submission to IC, ER & Employe 19d 18-Aug-15 A 13-May-16 325d epare & make Perm. Mobile Plants Equipment & Performance Submission to IC, ER & Employe IC checks & comments on Permanent Mobile Plants IC checks & comments on Permanent Mobile Plants 14d 14-May-16 27-May-16 7d Revise & resubmit Permanent Mobile Plants to IC, Employer & ER DE300300 Revise & resubmit Permanent Mobile Plants to IC. Employer & ER 28-May-16 03-Jun-16 477d ■ IC checks & certifies Permanent Mobile Plants DE300350 IC checks & certifies Permanent Mobile Plants 04-Jun-16 10-Jun-16 ◆ Employer consents to Permanent Mobile Plant DE300400 Employer consents to Permanent Mobile Plants 0d 24-Jun-16 477d DETAILED DESIGN SUBMISSION (DDS) - BUILDING SERVICES Fire Services Installations (FSI) 36d 18-Jun-15 A 20-Jun-16 18-Jun-15 A DS110200 Prepare & submit Fire Safety, Dangerous Goods Application & FSI to FSD & EMSD Prepare & submit Fire Safety, Dangerous Goods Ap on & FSI to FSD & EMSD DS110250 Submit Fire Safety, Dangerous Goods & FSI Detailed Design to IC, ER & Employer 06-May-16 Submit Fire Safety, Dangerous Goods & FSI Detailed Design to IC, ER & Employer IC checks & comments on Fire Safety, Dangerous Goods & FSI Detailed Design DS110300 IC checks & comments on Fire Safety, Dangerous Goods & FSI Detailed Design 14d 10-May-16 23-May-16 Revise & resubmit Fire Safety, Dangerous Goods & FSI Detailed Design to IC, Employer & ER DS110350 Revise & resubmit Fire Safety, Dangerous Goods & FSI Detailed Design to IC, Employer & ER 7d 24-May-16 30-May-16 DS110400 IC checks & certifies Fire Safety, Dangerous Goods & FSI Detailed Design 7d 06-Jun-16 ■ IC checks & certifies Fire Safety, Dangerous Goods & FSI Detailed Design 31-May-16 0d ◆ Employer consents to Fire Safety, Dangerous Goods & FSI Detailed Design DS110450 Employer consents to Fire Safety, Dangerous Goods & FSI Detailed Design 20-Jun-16 27-May-16 01-Dec-15 A Prepare & submit Lift Detailed Design to FSD & EMSD DS110500 Prepare & submit Lift Detailed Design to FSD & EMSD 01-Dec-15 A 20-May-16 ◆ Submit Lift Detailed Design to IC, ER & Employer DS110550 Submit Lift Detailed Design to IC, ER & Employer IC checks & comments on Lift Detailed Design DS110600 IC checks & comments on Lift Detailed Design 0d 24-Mar-16 A 15-Apr-16 A Revise & resubmit Lift Detailed Design to IC, Employer & ER Revise & resubmit Lift Detailed Design to IC, Employ DS110650 16-Apr-16 A 06-May-16 DS110700 IC checks & certifies Lift Detailed Design 7d 07-May-16 13-May-16 109d ■ IC checks & certifies Lift Detailed Design ◆ Employer consents to Lift Detailed Design Employer consents to Lift Detailed Design 13-May-16 ng, Pre-treatment & Administration Bldg #1 04-May-15 A 04-May-15 A 13-May-16 107d 22d 04-May-15 A 13-May-16 107d Prepare & make Bldg #1 BS Detailed Design - Electrical Sys em to IC, ER & Employer Prepare & make Bldg #1 BS Detailed Design - Electrical System to IC, ER & Employer DS120200 04-May-15 A 02-Jul-15 A Prepare & make Bldg #1 BS Detailed Design - F\$ System o IC, ER & Employer DS120210 Prepare & make Bldg #1 BS Detailed Design - FS System to IC, ER & Employer Οd 04-May-15 A 02-Jul-15 A 02-Jul-15 A Prepare & make Bldg #1 BS Detailed Design - P/D System to IC, ER & Employer DS120220 Prepare & make Bldg #1 BS Detailed Design - P/D System to IC, ER & Employer 04-May-15 A Prepare & make Bldg #1 BS Detailed Design - MVAC System to IC, ER & Employer DS120230 Prepare & make Bldg #1 BS Detailed Design - MVAC System to IC, ER & Employer 0d 04-May-15 A 02-Jul-15 A ■ IC checks & comments on Bldg #1 Building Services 0d 13-Jul-15 A DS120250 IC checks & comments on Bldg #1 Building Services 03-Jul-15 A Revise & resubmit Bidg #1 BS Detailed Design to IC, Employer & ER DS120300 Revise & resubmit Bldg #1 BS Detailed Design to IC, Employer & ER 0d 14-Jul-15 A 22-Oct-15 A IC checks & certifies Bldg #1 Building Services 12d DS120350 28-Jul-15 A 29-Apr-16 IC checks & certifies Bldg #1 Building Services DS120400 Employer consents to Bldg #1 Building Services 0d 13-May-16 ◆ Employer consents to Bldg #1 Building Service Composting & Maturation Building #2 47d 02-Apr-15 A 14-.lun-16 02-Apr-15 A 14-Jun-16 repare & make Bldg #2 BS Detailed Design - Electrical Syst<mark>em</mark> to IC, ER & Employe Prepare & make Bldg #2 BS Detailed Design - Electrical System to IC, ER & Employe DS130210 Prepare & make Bldg #2 BS Detailed Design - FS System to IC, ER & Employer 0d Prepare & make Bldg #2 BS Detailed Design - FS System to IC, ER & Employer 02-Apr-15 A 23-Jun-15 A Prepare & make Bldg #2 BS Detailed Design - P/D System to IC, ER & Employer DS130220 Prepare & make Bldg #2 BS Detailed Design - P/D System to IC, ER & Employer 02-Apr-15 A Prepare & make Bldg #2 BS Detailed Design - MVAC System to IC, ER & Employer DS130230 Prepare & make Bldg #2 BS Detailed Design - MVAC System to IC, ER & Employer Od 02-Apr-15 A 23-Jun-15 A DS130250 IC checks & comments on Bldg #2 Building Services 24-Jun-15 A 06-Jul-15 A IC checks & comments on Bldg #2 Building Services Revise & resubmit Bldg #2 BS Detailed Design to IC, Employer & ER 0d Revise & resubmit Bldg #2 BS Detailed Design to IC, Employer & ER DS130300 07-Jul-15 A 14-Jul-15 A IC checks & certifies Bldg #2 Building Services 15-Jul-15 A 31-May-16 106 IC checks & certifies Bldg #2 Building Services Employer consents to Bldg #2 Building Services ◆ Employer consents to Bldg #2 Bullding Service DS130400 0d 14-Jun-16 106d 14-Aug-15 A Auxiliary Building & Facilities #3 14-Aug-15 A 10-Jun-16 401d 14-Aug-15 A DS140200 Prepare & make Bldg #3 & Aux. Facilities BS Detailed Design - Electrical System to IC, ER & Employer 18-Jan-16 A 05-Feb-16 A Prepare & make Bldg #3 & Aux. Facilities BS Detailed Design - Electrical System to IC, ER & Employer Prepare & make Bldg #3 Aux. Facilities BS Detailed Design - FS System to IC, ER & Employer Prepare & make Bldg #3 Aux. Facilities BS Detailed Design - FS System to IC, ER & Employer 0d DS140210 01-Dec-15 A Prepare & make Bldg #3 Aux. Facilities BS Detailed Design - P/D System to IC, ER & Employer DS140220 Prepare & make Bldg #3 Aux. Facilities BS Detailed Design - P/D System to IC, ER & Employer Οd 01-Dec-15 A 01-Mar-16 A Prepare & make Bldg #3 Aux. Facilities BS Detailed Design-MVAC of Energy Centre to IC, ER & Employer 17-Mar-16 A Prepare & make Bldg #3 Aux. Facilities BS Detailed Design-MVAC of Ehergy Centre to IC, ER & Employer DS140230 18-Jan-16 A Project:OWTF1\_v2.1 Activity Critical print: 20-May-16 16:58 Page 16 of 37 Ref.:WS-OSC-00-0-TM-0001G, Date: 20-May-2016 © Oracle Corporation ♦ Milestone Actual Work

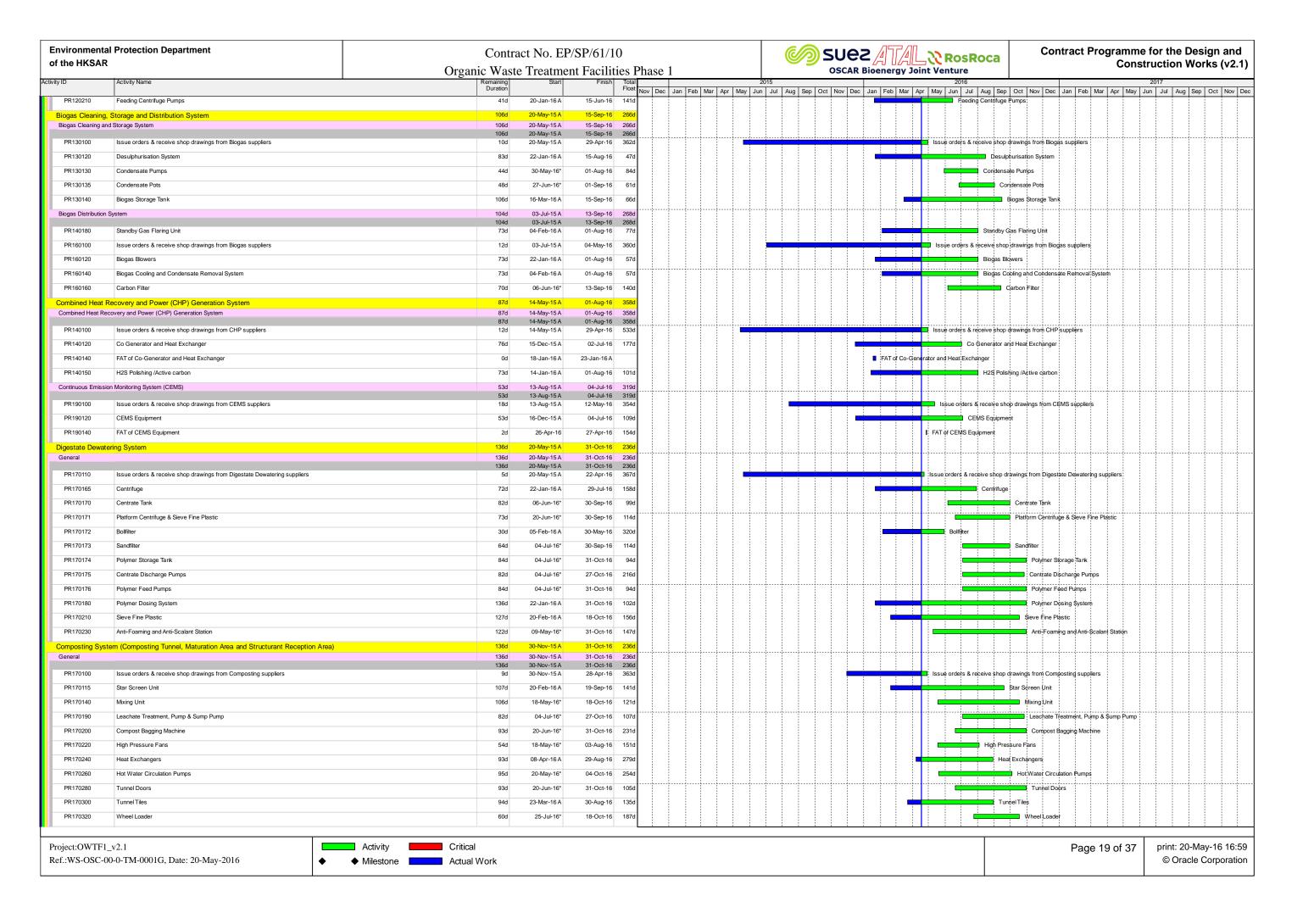
**Environmental Protection Department Contract Programme for the Design and** SUEZ RosRoca Contract No. EP/SP/61/10 of the HKSAR **Construction Works (v2.1) OSCAR Bioenergy Joint Venture** Organic Waste Treatment Facilities Phase 1 ov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec DS140240 Prepare & make Bldg #3 Aux. Facilities Detailed Design- ELV System to IC, ER & Employe IC checks & comments on Bldg #3 & Aux. Facilities Building Services DS140250 IC checks & comments on Bldg #3 & Aux. Facilities Building Services 26d 06-Feb-16 A 13-May-16 519d Revise & resubmit Bldg #3 & Aux. Facilities Detailed Design to IC, Employer & ER DS140300 Revise & resubmit Bldg #3 & Aux. Facilities Detailed Design to IC, Employer & ER 33d 04-Mar-16 A 20-May-16 ■ IC checks & certifies Bldg #3 & Aux. Facilities Building Services DS140350 IC checks & certifies Bldg #3 & Aux. Facilities Building Services 27-May-16 21-May-16 ◆ Employer consents to Bldg #3 & Aux. Facilities Building Services Employer consents to Bldg #3 & Aux. Facilities Building Services IC checks & comments on Bldg #3 & Aux. Facilities ELV System DS140450 IC checks & comments on Bldg #3 & Aux, Facilities ELV System 13-May-16 26d 06-Feb-16 A Revise & resubmit Bldg #3 & Aux. Facilities ELV System Detailed Design to IC, Employer & ER DS140500 Revise & resubmit Bldg #3 & Aux. Facilities ELV System Detailed Design to IC, Employer & ER 33d 04-Mar-16 A 20-May-16 ☐ IC checks & certifies Bldg #3 & Aux. Facilities ELV System DS140550 IC checks & certifies Bldg #3 & Aux, Facilities ELV System 7d 21-May-16 27-May-16 DS140600 Employer consents to Bldg #3 & Aux. Facilities ELV System 10-Jun-16 ◆ Employer consents to Bldg #3 & Aux. Facilities ELV Syste STATUTORY AND UTILITIES DESIGN SUBMISSION 167d 12-Feb-15 A 167d 12-Feb-15 A 01-Oct-16 378 167d 12-Feb-15 A 01-Oct-16 378d SU110200 EPD, LandsD, PlanD & ArchSD - Approval for Landscape & Bldg #2 Green Roof Design EPD, LandsD, PlanD & ArchSD - Approval for Landscape & Bldg #2 Green Roof Design 05-May-16 01-Jun-16 28d SU110210 ArchSD - Comment on Architectural Design DΩ 21-.lun-15 A 02-Sep-15 A ArchSD - Comment on Architectural Design GEO - Comment on Geotechnical Interpretative Report 20-Apr-15 A SU110250 GEO - Comment on Geotechnical Interpretative Report 0d 28-Mar-15 A SU110260 GEO - Approval for NTH Study Report 0d 20-Jun-15 A 22-Feb-16 A oval for NTH Study Report SU110270 GEO - Approval of NTH Mitigation Design 02-Jun-16 29-Jun-16 GEO - Approval of NTH Mitigation Design SU110300 EPD - Sewage Discharge License approval 75d 21-Apr-16\* 04-Jul-16 EPD - Sewage Discharge License approv CLP - Consent of Scheme for Provision of Electricity to CLP 31-Dec-15 A CLP - Consent of Scheme for Provision of Electricity to CLP 0d 12-Feb-15 A SU110330 CLP - Approval of Transformer Room layout, Cable duct arrangement and Grid Connection SU110350 CLP - Approval of Transformer Room layout, Cable duct arrangement and Grid Connection Οd 16-Sep-15 A 08-Dec-15 A SU110360 CLP - Approval of Submission Package on Grid Arrangement 30-Nov-15 A 31-May-16 117d CLP - Approval of Submission Package on Grid Arrangement DSD - Approval for Stormwater and Sewerage Connection SU110400 DSD - Approval for Stormwater and Sewerage Connection 44d 02-Dec-15 A 31-May-16 WSD - Approval for Water Supply & Plumbing 44d 26-Feb-16 A 31-May-16 SU110450 WSD - Approval for Water Supply & Plumbing SU110500 FSD - Approval for Fire Safety, Dangerous Goods Application and Fire Services Installations 19d 22-May-15 A 06-May-16 FSD - Approval for Fire Safety, Dangerous Goods Application and Fire Services Installations EMSD - Approval for Biogas Holder SU110510 EMSD - Approval for Biogas Holder 19d 12-Jan-16 A 06-May-16 SU110550 EMSD - Approval for Lift Design 28d 21-May-16 17-Jun-16 EMSD - Approval for Lift Design TD & HyD - Approval for Access Road & Entrance (Portion 2) Design TD & HyD - Approval for Access Road & Entrance (Portion 2) Design 18-Apr-16 15-May-16 SU110600 28d SU110620 Liaison with HKPF, TD & HvD - for Access Road & Entrance (Portion 2) works 904 18-Apr-16 16-Jul-16 455d Liaison with HKPF, TD & HyD - for Access Road & Entrance (Portion 2) works SU110650 LandsD & EPD - Approval of Tree preservation, transplanting and felling proposals (Excl. Natural Terrain) 18-Mar-15 A 07-Oct-15 A ation, transplanting and felling proposals (Excl. Natural Terrain) LandsD & EPD - Approval of Tree preservation, transplanting and felling proposals (Natural LandsD & EPD - Approval of Tree preservation, transplanting and felling proposals (Natural Terrain - if any) 70d 24-Jul-16 01-Oct-16 223d CONSTRUCTION DRAWINGS AND PRODUCTION SCHEDULES Bill of Materials and Isometric Production Schedule 02-Nov-15 A 85d 02-Nov-15 A 85d 02-Nov-15 A 29-Jul-16 360d 02-Nov-15 A 1 1 1 1 11-May-16 Support Pipe Class Definition in PDMS 20d 14-Dec-15 A 425d Support Pipe Class Definition in PDMS BM100120 20-Nov-15 A CW 3D Model Convert into PDMS from ARUP's Drawing 18-Nov-15 A CW 3D Model Convert into PDMS from ARUP's Drawing 3D Model Solit as Need in FDMS 3D Model Split as Need in PDMS BM100140 0d 23-Nov-15 A 27-Nov-15 A BM100150 3D Model Relocation in PDMS 30-Nov-15 A 04-Dec-15 A 3D Model Relocation in PDMS U/G Pipng Work 0d 19-Feb-16 A U/G Plong Work BM100160 25-Jan-16 A DE Support and Drawing Checking 29-Jul-16 BM100170 47d 3D Model Build 07-Dec-15 A 14-Jun-16 07-Dec-15 A 14-Jun-16 3D Model Build - Building 1 Area 3D Model Build - Building 1 Area 3D Model Build - Building 2 Area 11d 29-Mar-16 A 29-Apr-16 202d 3D Model Build - Building 2 Area BM200120 BM200130 3D Model Build - Building 3 Area 0d 07-Dec-15 A 04-Mar-16 A 3D Model Build - Building 3 Area BM200140 3D Model Build - Wastewater Treatment Plant (WWTP) 36d 30-Apr-16\* 14-Jun-16 3D Model Build - Wastewater Treatment Plant (WWTP) 3D Model Build - Centralized Air Pollution Control (CAPC) System 47d 05-Apr-16 A 14-Jun-16 3D Model Build - Centralized Air Pollution Control (CAPC) Sys 05-Mar-16 A 02-Aug-16 136d Assembly Drawing BM300110 Assembly Drawing - Building 1 Area 02-Apr-16 A 15-Apr-16 A ssembly Drawing - Building 1 Area BM300120 Assembly Drawing - Building 2 Area 11d 13-May-16 Assembly Drawing - Building 2 Area 30-Apr-16 BM300130 Assembly Drawing - Building 3 Area Od 05-Mar-16 A 13-Mar-16 A nbly Drawing - Building 3 Area BM300140 Assembly Drawing - Drawing Update (After Comments by IC & ER) 88d 18-Apr-16 02-Aug-16 Assembly Drawing - Drawing Update (After Comments by IC & ER) 107d 12-Mar-16 A 24-Aug-16 128d Isometric Drawing and BOQ Project:OWTF1\_v2.1 Activity Critical print: 20-May-16 16:58 Page 17 of 37

© Oracle Corporation

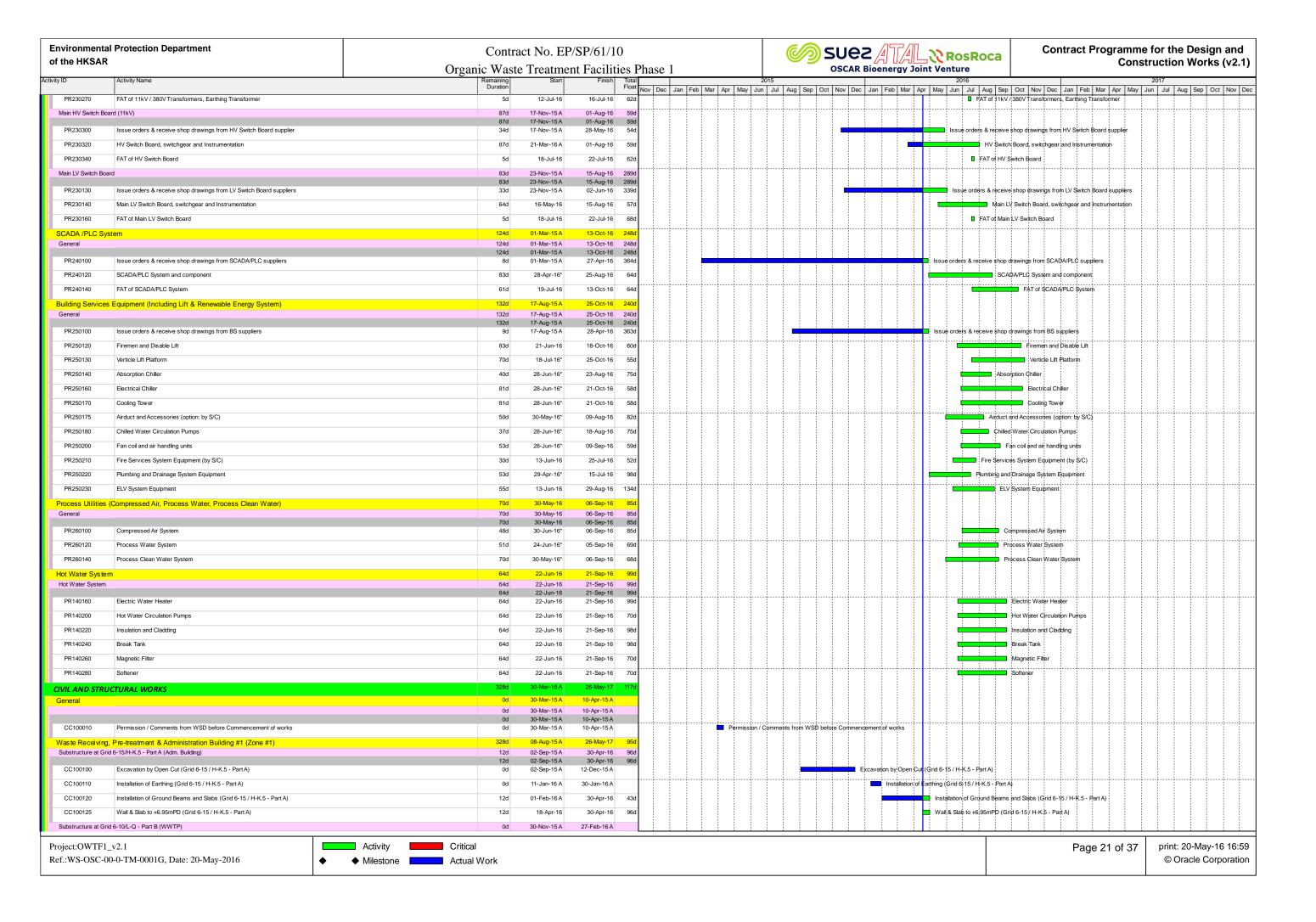
Ref.:WS-OSC-00-0-TM-0001G, Date: 20-May-2016

♦ Milestone Actual Work





**Environmental Protection Department** SUEZ ATAL & RosRoca **Contract Programme for the Design and** Contract No. EP/SP/61/10 of the HKSAR **Construction Works (v2.1)** OSCAR Bioenergy Joint Venture Organic Waste Treatment Facilities Phase 1 ov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 08-Jul-15 A 27-Sep-16 259d 113d 08-Jul-15 A PR150100 Issue orders & receive shop drawings from WWTS suppliers 08-Jul-15 A Issue orders & receive shop drawings from WWT\$ suppliers 62d Wastewater Treatment Plant (General) PR150120 Wastewater Treatment Plant (General) 15-Jul-16 Wastewater Treatment Plant (Chemical Dosing System) 82d PR150130 Wastewater Treatment Plant (Chemical Dosing System) 60d 20-Jun-16\* 12-Sep-16 WWTP Heat Exchanger PR150135 WWTP Heat Exchanger 70d 20-Jun-16\* 27-Sep-16 Ammonia Stripping Plant PR150140 Ammonia Stripping Plant 62d 24-Dec-15 A 15-Jul-16 Primary Sedimentation Tank (Conical Tank) and GRP Tank Primary Sedimentation Tank (Conical Tank) and GRP Tank PR150160 30-May-16\* 15-Sep-16 SBR Submersible Mixer PR150180 SBR Submersible Mixer 62d 13-Feb-16 A 15-Jul-16 Air Blowers 75d PR150200 Air Blowers 30-May-16\* 13-Sep-16 Air Comoressor PR150220 Air Compressor 53d 30-May-16\* 12-Aug-16 30-May-15 A Centralized Air Pollution Control (CAPC) System 116d General 30-May-15 A 30-Sep-16 256d 30-May-15 A sue orders & receive shop drawings from CAPC suppliers PR180100 Issue orders & receive shop drawings from CAPC suppliers 30-May-15 A GAPC \$ystem Equipment (General) PR180120 CAPC System Equipment (General) 62d 14-Jan-16 A 15-Jul-16 PR180140 GRP Tanks 51d 24-Jun-16\* 05-Sep-16 GRP Tanks GRP Ductworks 93d PR180150 20-May-16\* 30-Sep-16 Venturi Scubber PR180160 Venturi Scubber 31d 14-Jan-16 A 31-May-16 Wet Scubber 31d 14-Jan-16 A 31-May-16 PR180180 Wet Scubber PR180200 Chemical Scubbe 62d 14-Jan-16 A 15-Jul-16 PR180205 14-Jan-16 A 30-May-16 Pumps 30d PR180210 Air Extraction Fans 30d 14-Jan-16 A 30-May-16 Air Extraction Fans Inline Fans PR180215 Inline Fans 30d 06-Jun-16\* 19-Jul-16 PR180220 Supplier's Inspection of CAPC System Equipment - Fans at Building 2 11-Apr-16 A 12-Apr-16 A Supplier's Inspection of CAPC System Equipment - Fans at Building 2 Supplier's Inspection of CAPC System Equipment - Scubbers at Building 2 Supplier's Inspection of CAPC System Equipment - Scubbers at Building 2 1d 19-Apr-16 PR180240 19-Apr-16 PR180260 Supplier's Inspection of CAPC System Equipment - Fans at Building 1 0d 11-Apr-16 A 12-Apr-16 A Supplier's Inspection of CAPC System Equipment - Fans at Building 1 Supplier's Inspection of CAPC System Equipment - Scubbers at Building 1 I Supplier's Inspection of CAPC System Equipment - Scubbers at Building 1 1d 21-Jun-16 103d PR180280 21-Jun-16 16-Sep-15 A 16-Sep-15 A 20-Sep-16 264d General Issue orders & receive shop drawings from Mechanical Equipment suppliers PR220050 Issue orders & receive shop drawings from Mechanical Equipment suppliers 16-Sep-15 A 09-May-16 357d Mechanical Equipment - Penstock, Pipework, Valve, Lifting Appliance, Roller Shutters etc. Mechanical Equipment - Penstock, Pipework, Valve, Lifting Appliance, Roller Shutters etc. 80d 19-Jan-16 A 10-Aug-16 Issue orders & receive shop drawings from Platforms, Handrails & Ladders suppliers PR220110 Issue orders & receive shop drawings from Platforms, Handrails & Ladders suppliers 17d 23-Nov-15 A 11-May-16 355d Platforms, Handrails and Ladders PR220120 Platforms, Handrails and Ladders 13-May-16\* 20-Sep-16 PR220130 Issue orders & receive shop drawings from Mobile Plants suppliers 35d 30-Nov-15 A 06-Jun-16 155d Issue orders & receive shop drawings from Mobile Plants suppliers PR220140 Permanent Mobile Plants 72d 07-Jun-16 19-Sep-16 155d 27-May-15 A 14-Oct-16 125d 27-May-15 A 14-Oct-16 247d 125d 27-May-15 A 14-Oct-16 247d Issue orders & receive shop drawings from Electrical suppliers Issue orders & receive shop drawings from Electrical suppliers PR230100 33d 27-May-15 A 02-Jun-16 339d MCC and Electrical Accessories System (Pre-treatment) PR230125 MCC and Electrical Accessories System (Pre-treatment) 91d 03-Jun-16 13-Oct-16 51d MCC and Electrical Accessories System (CAPCS) 91d 14-Oct-16 PR230135 MCC and Electrical Accessories System (CAPCS) 06-Jun-16 MCC and Electrical Accessories System (Composting and De PR230145 MCC and Electrical Accessories System (Composting and Dewatering) 72d 06-Jun-16 15-Sep-16 MCC and Electrical Accessories System (WWTP) MCC and Electrical Accessories System (WWTP) 72d PR230155 06-Jun-16 15-Sep-16 PR230165 MCC and Electrical Accessories System (AD) 49d MCC and Electrical Accessories System (AD) 06-Jun-16 MCC and Electrical Accessories System (Biogas Cleaning & Storage) PR230175 MCC and Electrical Accessories System (Biogas Cleaning & Storage) 49d 06-Jun-16 15-Aug-16 MCC and Electrical Accessories System (Heat Recovery & Power Generation) PR230178 MCC and Electrical Accessories System (Heat Recovery & Power Generation) 49d 06-Jun-16 15-Aug-16 57d Cables (HV & LV) and Accessories, Cable Containment System PR230180 Cables (HV & LV) and Accessories, Cable Containment System 61d 18-May-16 15-Aug-16 PR230200 Earthing and Lightning 37d 27-May-15 A 08-Jun-16 Earthing and Lightning PR230220 37d 07-Jul-16 132d Emergency Generato Emergency Generator 16-May-16\* 17-Nov-15 A 01-Aug-16 87d 17-Nov-15 A 01-Aug-16 Issue orders & receive shop drawings from Transformer supplier Issue orders & receive shop drawings from Transformer supplie PR230230 33d 17-Nov-15 A 27-May-16 11kV / 380V Transformers, Earthing Transformer PR230250 11kV / 380V Transformers, Earthing Transformer 87d 21-Mar-16 A 01-Aug-16 Project:OWTF1\_v2.1 Activity Critical print: 20-May-16 16:59 Page 20 of 37 Ref.:WS-OSC-00-0-TM-0001G, Date: 20-May-2016 © Oracle Corporation ♦ Milestone Actual Work



**Environmental Protection Department** SUEZ ATAL & RosRoca **Contract Programme for the Design and** Contract No. EP/SP/61/10 of the HKSAR **Construction Works (v2.1) OSCAR Bioenergy Joint Venture** Organic Waste Treatment Facilities Phase 1 ov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Excavation by Open Cut (Grid 6-10 / L-Q - Part B) CC101300 Excavation by Open Cut (Grid 6-10 / L-Q - Part B) DΩ 30-Nov-15 A 09-Jan-16 A Installation of Earthing (Grid 6-10 / L-Q - Part B) Installation of Earthing (Grid 6-10 / L-Q - Part B) CC10131 23-Dec-15 A 11-Jan-16 A Installation of Ground Beams and Slabs (Grid 6-10 / L-Q - Part B) CC101320 Installation of Ground Beams and Slabs (Grid 6-10 / L-Q - Part B) 09-Jan-16 A 27-Feb-16 A Deep Bunke 14-Dec-15 A 15-Jun-16 General Excavation by Open Cut to Deep Bunker CC101100 General Excavation by Open Cut to Deep Bunker 14-Dec-15 A 15-Jan-16 A Excavate and Drive Type III Sheet Pile forming planking wall for ELS (6 Types) Excavate and Drive Type III Sheet Pile forming planking wall for ELS (6 Types) Further excavate for Deep Bunker 0d 26-Feb-16 A CC101140 Further excavate for Deep Bunker 15-Feb-16 A Construct Deep Bunker Footing CC101150 Construct Deep Bunker Footing 0d 24-Feb-16 A 15-Mar-16 A Construct Deep Bunker r.c. structure Construct Deep Bunker r.c. structure 48d 15-Jun-16 CC101160 16-Mar-16 A Complete Mass Fill to Lev. Approx. +6.30m.P.D. CC101180 Complete Mass Fill to Lev. Approx. +6.30m.P.D. 10d 06-May-16 Water Tank - Int. Proc. Buffer Water and Int. Susp. Buffer Water @+3.95mPD Water Tank - Int. Proc. Buffer Water and Int. Susp. Buffer Water @#3.95mPD CC101240 12d 16-Mar-16 A 30-Apr-16 Substructure at Grid 10-15/K.5-Q - Part C (Bunker & Influence Zone) 14-Dec-15 A 22-Jun-16 Excavation by Open Cut to Grid 10-15/K.5-Q (Part C incl. Influence Zone) Excavation by Open Cut to Grid 10-15/K.5-Q (Part C incl. Influence Zone) CC101200 0d 14-Dec-15 A 15-Jan-16 A CC101220 Installation of Ground Beams and Slabs Grid 10-15/K.5-Q (Part C incl. Influence Zone) 38d 07-May-16 22-Jun-16 Installation of Ground Beams and Slabs Grid 10-15/K.5-Q (Part C incl. Influence Zone) 08-Aug-15 A 19-Jan-16 A Suspension Buffer Tank CC102000 Installation of Pre-bored Socketed Steel-H Piles (11 Nos. for SBT, Testing with AD Tank Piles) 08-Aug-15 A 19-Sep-15 A of Pre-hored Speketed Steel Piles (11: Nos. for SBT, Testing with AD Tank Piles) Excavation for Suspension Buffer Tank Plle Cap CC102115 Excavation for Suspension Buffer Tank Plle Cap 02-Nov-15 A 06-Nov-15 A nsion Buffer Tank (Pile Cap CC102120 Base of Suspension Buffer Tank (Pile Can) DΩ 06-Nov-15 A 19-Jan-16 A Superstructure at Grid 6-15/H-K.5 - Part A (Adm. Building, Work shop & F.S. Pump Rm.) 22-Apr-16 26-May-17 CC100140 Underground Drainage Work (Grid 6-15 / H-K.5 - Part A) 15d 16-May-16 01-Jun-16 Underground Drainage Work (Grid 6-15 / H-K.5 - Part A) CC100530 Wall and Column G/F to +12.00m.P.D. (Part A) 65d 22-Apr-16 11-Jul-16 Wall and Column G/F to +12.00m P.D. (Part A) Construct Water Tanks - F.S. Water & Sprinkler @+7.65mPD Construct Water Tanks - F.S. Water & Sprinkler @+7.65mPD CC100535 25d 29-Apr-16 30-May-16 Floor Slabs and Beam at +12.00m.P.D. (Part A) CC100540 Floor Slabs and Beam at +12.00m.P.D. (Part A) 06-May-16 18-Jul-16 CC100550 Wall and Column from +12.00m,P.D. to +17.20m,P.D. (Part A) 60d 13-May-16 25-Jul-16 Wall and Column from +12.00m.P.D. to +17.20m.P.D. (Part A) Floor Slabs and Beam at +17.20m.P.D. (Part A) Floor Slabs and Beam at +17.20m.P.D. (Part A) CC100560 21-May-16 01-Aug-16 CC100570 Wall and Column from +17,20m,P.D. to +22,60m,P.D. (Part A) 60d 28-May-16 08-Aug-16 Wall and Column from +17.20m.P.D. to +22.60m.P.D. (Part A) Fabricate & Deliver Roof Structural Steelwork (Part A) CC100580 Fabricate & Deliver Roof Structural Steelwork (Part A) 18-Jun-16 17-Aug-16 Erect Roof Steelwork at +23..379mPD (Part A) CC100590 Frect Roof Steelwork at +23, 379mPD (Part A) 50d 23-Aug-16 22-Oct-16 CC100600 Roof at +22.60m.P.D. (Part A) 25d 18-Jul-16 15-Aug-16 Roof at +22.60m.P.D. (Part A) Clearance of Internal Area of G/F (Part A) CC100610 Clearance of Internal Area of G/F (Part A) 30-Jul-16 05-Aug-16 CC100620 Erect bamboo working platform at Internal Area of G/F (Part A) 12d 19-Aug-16 Erect bamboo working platform at Internal Area of G/F (Part A) 06-Aug-16 ABWF Works at G/F (Part A) CC100630 ABWF Works at G/F (Part A) 24d 20-Aug-16 17-Sep-16 Clearance of Internal Area of Mezz Lev. & 1/F (Part A) Clearance of Internal Area of Mezz Lev. & 1/F (Part A) 20-Aug-16 30-Aug-16 CC100650 Erect bamboo working platform at Internal Area of Mess Lev. & 1.F (Part A) 12d 31-Aug-16 13-Sep-16 Erect bamboo working platform at Internal Area of Mess Lev. & 1.F (Part A) CC100660 ABWF Works at 1/F to R/F (Part A) 40d 19-Sep-16 05-Nov-16 ABWF Works at 1/F to R/F (Part A) CC100670 Rermoval of Scaffolding and Working Platform (Part A) Οd 05-Nov-16 Retmoval of Scaffolding and Working Platform (Part A) CC100680 External and Remaining ABWF Works (Part A) 85d 10-Sep-16 21-Dec-16 External and Remaining ABWF Works (Part A) CC102440 Interior Fitting-out Works to Admin & Visitor Areas 74d 09-Jan-17 08-Apr-17 Interior Fitting-out Works to Admin & Visitor Areas CC102480 Snagging to Interior Fitting-out Works to Admin & Visitor Areas 36d 10-Apr-17 26-May-17 Snagging to Interior Fitting-out Works to Ad 27-Aug-16 Handover of Works to E&M 26-Sep-16 Handover G/F to E&M Works (Zone #1.1 Part A - Building 1 Adm. Bldg. Workshop & Pump Rm.) ♦ Handover G/F to E&M Works (Zone #1.1 Part A - Building 1 Adm. Bldg. Workshop & Pump Rm.) CC100690 27-Aug-16 CC100700 Handover 1/F to E&M Works (Zone #1.2 Part A - Building 1 Adm. Bldg. Workshop & Pump Rm.) 0d 26-Sep-16 ♦ Handover 1/F to E&M Works (Zone #1.2 Part A - Building 1 Adm. Bldg. Workshop'& Pump Ri Superstructure at Grid 6-10/L-Q - Part B (WWTP) 126d 14-Mar-16 A 15-Sep-16 Underground Drainage Work (Part B) CC112100 Underground Drainage Work (Part B) 16-May-16 04-Jun-16 ■ Wall and Column G/F to +12.00m.P.D. (Part B) CC112130 Wall and Column G/F to +12.00m.P.D. (Part B) 29d 14-Mar-16 A 23-May-16 Roof at +13.50m.P.D. (Part B) CC112200 Roof at +13.50m.P.D. (Part B) 30d 31-May-16 06-Jul-16 Clearance of Internal Area of G/F (Part B) CC112210 Clearance of Internal Area of G/F (Part B) 13-Jun-16 18-Jun-16 Erect bamboo working platform at Internal Area of G/F (Part B) CC112220 Erect bamboo working platform at Internal Area of G/F (Part B) 12d 20-Jun-16 04-Jul-16 ABWF Works at G/F (Part B) ABWF Works at G/F (Part B) CC112230 24d 05-Jul-16 01-Aug-16 Rermoval of Scaffolding and Working Platform (Part B) CC112270 Rermoval of Scaffolding and Working Platform (Part B) 0d 01-Aug-16

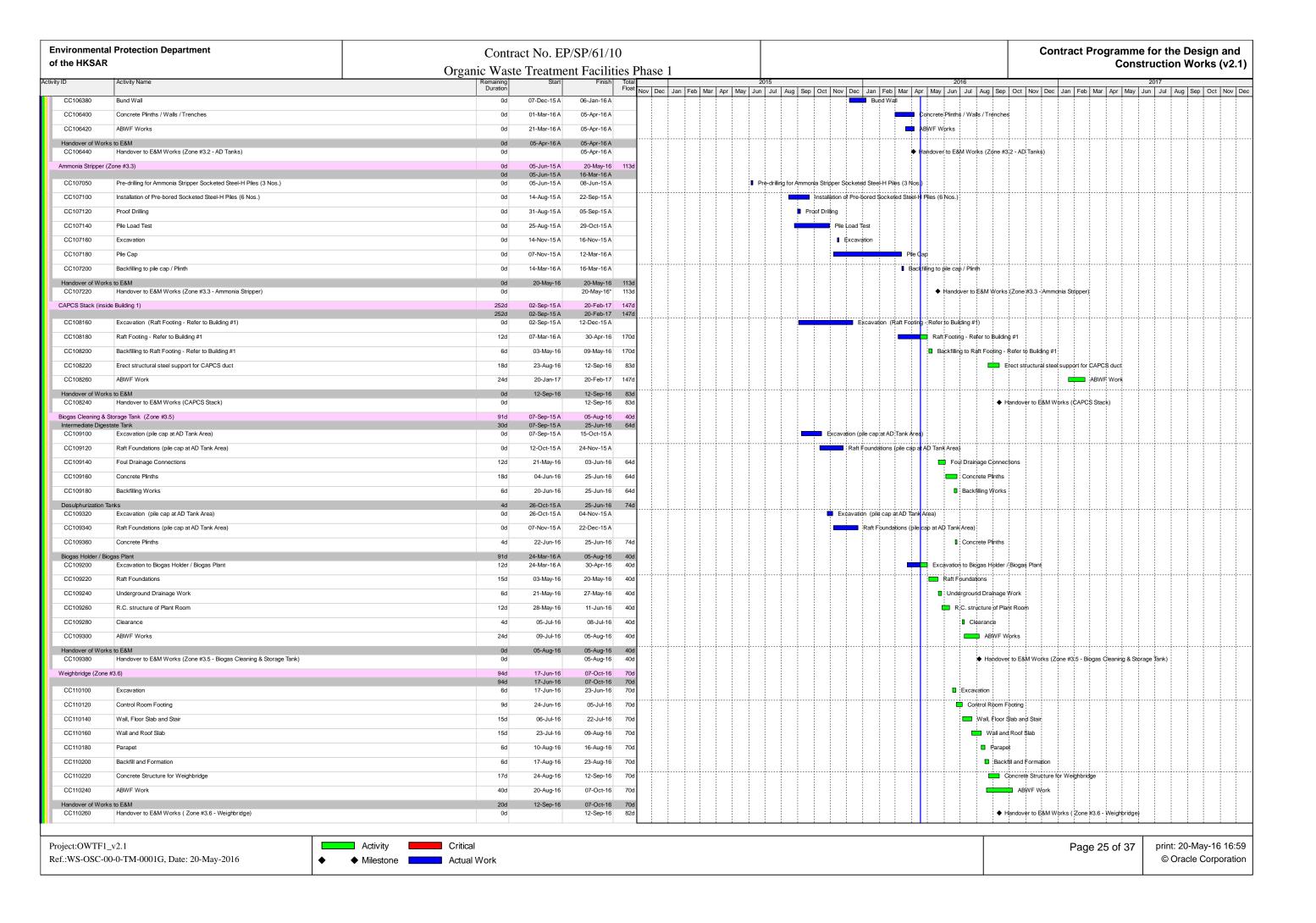
**Environmental Protection Department** SUEZ ATAL & RosRoca **Contract Programme for the Design and** Contract No. EP/SP/61/10 of the HKSAR **Construction Works (v2.1) OSCAR Bioenergy Joint Venture** Organic Waste Treatment Facilities Phase 1 ov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Dec CC112280 External and Remaining ABWF Works (Part B) Handover of Works to E&M 20-Jul-16 20-Jul-16 81d 0d Handover G/F to E&M Works (Zone #1.1 Part B - Building 1 - WWTP) ◆ Handover G/F to E&M Works (Zone #1.1 Part B - Building 1 - WWTP) 14-Dec-16 127d Superstructure at Grid 10-15/K.5-Q - Part C (Bunker & Influence Zone) 181d 11-May-16 11-May-16 14-Dec-16 127d Underground Drainage Work (Part C) Underground Drainage Work (Part C) Wall and Column G/F to +12.00m.P.D. (Part C) CC102140 60d 22-Jul-16 26d Wall and Column G/F to +12.00m.P.D. (Part C) 11-May-16 Water Tank - SBR Tank 1, 2 & 3, 1-Day Water Tank @+6.95mPD (Start from Part B) CC102142 Water Tank - SBR Tank 1, 2 & 3, 1-Day Water Tank @+6.95mPD (Start from Part B) 24-May-16 16-Jul-16 Water Tank - Pre-Anoxic Tank, Balancing Tank 1 & 2, Sludge Holding Tank @ +6.9m PD CC102144 Water Tank -Pre-Anoxic Tank, Balancing Tank 1 & 2, Sludge Holding Tank @ +6,9mPD 24d 11-May-16 08-Jun-16 CC102146 Water Tank - Aeration Tank, Oil Separation Tank, Wter Storage Tank @+6.95mPD (Late Cast) 15d 01-Sep-16 19-Sep-16 Water Tank - Aeration Tank, Oil Separation Tank, Wter Storage Tank @+6.95mPD (Late Cast) Water Tank - Flocculation Tank @+11.2mPD 12d 16-Jun-16 Water Tank - Flocculation Tank @+11.2mPD CC102148 02-Jun-16 CC102160 Floor Slabs and Beam at +12.00m.P.D. (Part C) 60d 19-May-16 29-Jul-16 Floor Slabs and Beam at +12.00m.P.D. (Part C) Wall and Column from +12.00m.P.D. to +17.20m.P.D. (Part C) Wall and Column from +12.00m.P.D. to +17.20m.P.D. (Part C) CC102180 60d 26-May-16 05-Aug-16 Floor Slabs and Beam at +17.20m.P.D. (Part C) - with Temporary Openings Floor Slabs and Beam at +17.20m.P.D. (Part C) - with Temporary Openings CC102200 02-Jun-16 12-Aug-16 Construct Roof at Temporary Opening at #17.20mP.D. CC102210 Construct Roof at Temporary Opening at +17,20mP.D. 15d 14-Nov-16 30-Nov-16 CC102220 Wall and Column from +17.20m.P.D. to +22.60m.P.D. (Part C) Wall and Column from +17.20m P.D. to +22.60m.P.D. (Part C) 25d CC102225 Fabricate & Deliver Roof Structural Steelwork (Part C) 51d 18-Jun-16 17-Aug-16 Fabricate & Deliver Roof Structural Steelwork (Part C) Erect Roof Steelwork at +22.60mPD (Part C) Erect Roof Steelwork at +22.60mPD (Part C) CC102230 01-Sep-16 Roof at +22.60m P.D. (Part C) Roof at +22.60m.P.D. (Part C) CC102240 25d 03-Aug-16 31-Aug-16 CC102260 Clearance of Internal Area of G/F (Part C) 11-Aug-16 17-Aug-16 Clearance of Internal Area of G/F (Part C) Erect bamboo working platform at Internal Area of G/F (Part C) Erect bamboo working platform at Internal Area of G/F (Part C) CC102280 12d 18-Aug-16 31-Aug-16 ABWF Works at G/F (Part C) CC102300 ABWF Works at G/F (Part C) 01-Sep-16 29-Sep-16 Clearance of Internal Area of Mezz Lev. & 1/F (Part C) CC102320 Clearance of Internal Area of Mezz Lev. & 1/F (Part C) 01-Sep-16 10-Sep-16 Erect bamboo working platform at Internal Area of Mess Lev. & 1.F (Part C) CC102340 12d Erect bamboo working platform at Internal Area of Mess Lev. & 1.F (Part C) CC102360 ABWF Works at 1/F to R/F (Part C) 40d 27-Sep-16 14-Nov-16 ABWF Works at 1/F to R/F (Part C) ◆ Rermoval of Scaffolding and Working Platform (Part C) CC102370 Rermoval of Scaffolding and Working Platform (Part C) External and Remaining ABWF Works (Part C) CC102380 External and Remaining ABWF Works (Part C) 85d 03-Sep-16 14-Dec-16 127d 17-Sep-16 18-Oct-16 Handover G/F to E&M Works (Zone #1.1 Part C - Building 1 - Bunker & Influence Zone ♦ Handover G/F to E&M Works (Zone #1.1 Part C - Building 1 - Bunker & Influence Zone) Handover 1/F to E&M Works (Zone #1.2 Part C - Building 1 - Bunker & Influence Zone) 18-Oct-16 ♦ Handover 1/F to E&M Works (Zone #1.2 Part C - Building 1 - Bunker & Influence Zone) CC102420 22-Dec-16 08-Mar-17 121d 60d 22-Dec-16 08-Mar-17 121d Green Roof and Planting Preparation Works (Zone #1) Green Roof and Planting Preparation Works (Zone #1) CC102450 21-Jan-17 24d 22-Dec-16 Green Roof and Planting Works (Zone #1) CC102460 Green Roof and Planting Works (Zone #1) 18d 23-Jan-17 15-Feb-17 121d Green Roof Landscape Softworks (Zone #1) CC102470 Green Roof Landscape Softworks (Zone #1) 16-Feb-17 08-Mar-17 121d Composting Building & Facilities - Zone #2 16-Jun-15 A 12-May-17 16-Jun-15 A Composting Building #2 (Zone #2.1) 316d 12-May-17 129d For Location at Grid 1-5/A-C 15d 16-Jun-15 A 02-Jul-16 383d Excavation by Open Cut CC103100 Excavation by Open Cut 16-Jun-15 A 15-Jul-15 A CC103120 0d 12-Aug-15 A 16-Oct-15 A CC103140 Installation of Ground Beams and Slabs 0d 25-Aug-15 A 19-Oct-15 A CC103160 Underground Drainage Work 15d 15-Jun-16 02-Jul-16 383 Underground Drainage Work 03-Jul-15 A 02-Jul-16 383d For Location at Grid 1-5/C-G Excavation by Open Cut Installation of Ground Beams and Slabs 0d CC103200 18-Sep-15 A 09-Nov-15 A Installation of Ground Beams CC103220 Underground Drainage Work 15d 15-Jun-16 02-Jul-16 383d Underground Drainage Wor 15-Oct-15 A 12-May-17 107d General Backfilling works Backfilling works CC103240 15-Oct-15 A CC103260 Walls & Columns G/F to 1/F 0d 06-Nov-15 A 13-Apr-16 A Valls & Columns G/F to 1/F Superstructure - 1/F Slab & Beams 13-Apr-16 A Superstructure - 1/F Slab & Beams CC103280 16-Nov-15 A CC103300 Superstructure - 1/F to Roof 13d 07-Mar-16 A 03-May-16 Superstructure - 1/F to Roof CC103305 Fabricate & deliver Structural Steelwork for Building #2 Covered Walkway 84d 15-Aug-16 06-May-16\* Fabricate & deliver \$tructural Steelwork for Building #2 Covered Walkway CC103310 Erect Steelwork for Building #2 Covered Walkway 37d 16-Aug-16 28-Sep-16 1710 Erect Steelwork for Building #2 Covered Walkway Fabricate & deliver Structural Steelwork for Building #2 Steel Roof Fabricate & deliver Structural Steelwork for Building #2 Steel Roof CC103315 84d 30-Aug-16 23-May-16\* Erect Steelwork for Building #2 Steel Roof CC103318 Erect Steelwork for Building #2 Steel Roof 80d 26-Aug-16 30-Nov-16 CC103320 Clearance 26-Mar-16 A 05-May-16 Clearance Project:OWTF1\_v2.1 Activity Critical print: 20-May-16 16:59 Page 23 of 37

© Oracle Corporation

Ref.:WS-OSC-00-0-TM-0001G, Date: 20-May-2016

♦ Milestone Actual Work

**Environmental Protection Department** SUEZ TAL N ROSROCA **Contract Programme for the Design and** Contract No. EP/SP/61/10 of the HKSAR **Construction Works (v2.1)** OSCAR Bioenergy Joint Venture Organic Waste Treatment Facilities Phase 1 ov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec CC103340 Erect Bamboo Working Platform for Internal Finishing Works 06-May-16 Internal Finishing Works CC103360 Internal Finishing Works 36d 25-May-16 07-Jul-16 Erect Bamboo Working Platform for External Finishing Work CC103380 Erect Bamboo Working Platform for External Finishing Works 12d 21-May-16 03-Jun-16 External Finishing Works CC103400 External Finishing Works 43d 26-Jul-16 186d 04-Jun-16 CC103420 ABWF Work 90d ABWF Work 25-May-16 08-Sep-16 CC103440 Remaining ABWF Work 95d 04-Jan-17 09-Sep-16 Remaining ABWF Work Green Roof and Planting Preparation Works CC103480 Green Roof and Planting Preparation Works 77d 31-Oct-16 03-Feb-17 107d Green Roof and Planting Works CC103500 Green Roof and Planting Works 26d 04-Feb-17 06-Mar-17 CC103520 Green Roof Landscape Softworks 26d 07-Mar-17 06-Apr-17 107d Green Roof Landscape Softworks Snagging on Zone #2 ABWF works Snagging on Zone #2 ABWF works CC103600 26d 07-Apr-17 12-May-17 107d 23-May-16 CC103460 Handover to E&M Works (Zone #2.1 - Composting Building) ◆ Handover to E&M Works (Zone #2.1 + Composting Building) Link Bridge (Zone #2.2) 30-Nov-16 CC104100 Fabricate & deliver Structural Steelwork 78d 23-Jun-16\* 23-Sep-16 Fabricate & deliver Structural Steelwork CC104120 Installation of Bearing Support for Link Bridge at Bldg 1 & 2 12d 03-Sep-16 17-Sep-16 Installation of Bearing Support for Link Bridge at Bldg 1 & 2 CC104140 Erect Steelwork for Link Bridge 18d 24-Sep-16 17-Oct-16 Erect Steelwork for Link Bridge CC104160 ABWF Works at Link Bridge 20-Oct-16 30-Nov-16 ABWF Works at Link Bridge 30-Nov-16 55d Handover of Works to E&M 30-Nov-16 0d ♦ Handover to E&M Works at Link Bridge (Zone #2.2 - Link Bridge) Handover to E&M Works at Link Bridge (Zone #2.2 - Link Bridge) CC104180 30-Nov-16 06-Apr-17 Energy Centre (Building # 3/Zone #3.1) 103d 24-Mar-16 A 19-Aug-16 103d 24-Mar-16 A 19-Aug-16 Excavation for Bldg #3.1 & Cogen Units Excavation for Bldg #3.1 & Cogen Units CC105100 24-Mar-16 A 20-Apr-16 Raft Foundations CC105120 Raft Foundations 33d 21-Apr-16 31-May-16 Foul Drainage Connection CC105140 Foul Drainage Connections 13d 01-Jun-16 16-Jun-16 CC105160 Slab at G/F Bldg #3 13d 08-Jun-16 Slab at G/F Bldg #3 CC105180 Walls & Columns G/F to 1/F 6d ■ Walls & Columns G/F to 1/F 24-Jun-16 30-Jun-16 CC105200 Slab at 1/F 8d 02-Jul-16 11-Jul-16 Slab at 1/F ■ Walls & Columns 1/F to R/F Walls & Columns 1/F to R/F CC105220 8d 12-Jul-16 20-Jul-16 CC105240 R/F Slab & Beams 21-Jul-16 R/F Slab & Beam 6d Parapet Walls Parapet Walls CC105260 30-Jul-16 05-Aug-16 CC105280 14d 02-Jul-16 18-Jul-16 Backfilling Works Concrete Plinths / Walls / Trenches / Raised Floor CC105300 Concrete Plinths / Walls / Trenches / Raised Floor 17d 19-Jul-16 06-Aug-16 CC105320 18d 30-Jul-16 19-Aug-16 Handover of Works to E&M 19-Aug-16 19-Aug-16 0d Handover to E&M Works (Bldg #3/Zone #3.1 - Energy Centre) ◆ Handover to E&M Works (Bldg #3/Zone #3.1 - Energy Centre) CC105340 06-Jun-16 404d Anaerobic Digestion Tanks (Zone #3.2) 41d 04-May-15 A 04-May-15 A 29-Oct-15 A 0d Mobilization and Pre-drilling for AD Tank Socketed Steel-H Piles Mobilization and Pre-drilling for AD Tank Socketed Steel-H Piles (16 Nos.) 04-May-15 A 02-Jun-15 A Installation of Pre-bored Socketed Steel-H Piles CC106100 Installation of Pre-bored Socketed Steel-H Piles (64 Nos.) 0d 21-May-15 A 17-Aug-15 A Proof Drilling CC106120 31-Aug-15 A 05-Sep-15 A Pile Load Test 0d Pile Load Test 28-Aug-15 A CC106140 18-Aug-15 A 07-Sep-15 A 29-Oct-15 A 12-Oct-15 A 22-Dec-15 A Installation of AD r.c. Pile Cap 0d AD Pump Room 1 CC106180 AD Pump Room 12-Oct-15 A AD Tank 1 AD Tank 1 CC106200 0d 19-Oct-15 A 30-Nov-15 A AD Tank 2 CC106220 AD Tank 2 26-Oct-15 A 10-Dec-15 A AD Tank 3 CC106240 AD Tank 3 0d 07-Nov-15 A 22-Dec-15 A 07-Dec-15 A 06-Jun-16 404d CC106280 AD Pump Room 1 0d 06-Jan-16 A 18-Feb-16 A AD Pumi CC106300 0d 19-Feb-16 A 24-Mar-16 A CC106320 ABWF for Pump Buildings 18d 17-May-16 06-Jun-16 382d ABWF for Pump Buildings CC106340 Foul Drain Connection 21d 18-Apr-16 12-May-16 Boundary Wall (Wall Stem) 0d CC106360 07-Dec-15 A 06-Jan-16 A Boundary Wall (Wall Stem) Project:OWTF1\_v2.1 Activity Critical print: 20-May-16 16:59 Page 24 of 37 Ref.:WS-OSC-00-0-TM-0001G, Date: 20-May-2016 © Oracle Corporation ♦ Milestone Actual Work



**Environmental Protection Department** SUEZ TAL N ROSROCA **Contract Programme for the Design and** Contract No. EP/SP/61/10 of the HKSAR **Construction Works (v2.1) OSCAR Bioenergy Joint Venture** Organic Waste Treatment Facilities Phase 1 ov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec CC110280 Handover to E&M Works ( Zone #3.6a - Weighbridge Control Room) 06-Apr-17 133d Miscellaneous Works (Zone #4) 290d 27-Sep-15 A 3m High Boundary Wall (Type 2) 24-Mar-16 A 17-Aug-16 185d CC111120 22d 24-Mar-16 A 13-May-16 185d CC111140 75d 18-Jul-16 185d Footing and Wall 18-Apr-16 Footing and Wall CC111160 Backfilling 26d 19-Jul-16 17-Aug-16 185d Backfilling 13-Nov-15 A 05-Dec-16 213d Boundary Fence (Summary) 152d Boundary Fence (Summary) CC111220 18-Apr-16 19-Oct-16 253d Sitewide Drainage (Summary) CC111280 Sitewide Drainage (Summary) 137d 13-Nov-15 A 29-Sep-16 CC111300 Sitewide Sewage (Summary) 137d 13-Nov-15 A 29-Sep-16 CC111320 Sitewide Pipe Ducts, Trenches, Drawpits and Utilities (Summary) 77d 02-Jul-16 30-Sep-16 Sitewide Pipe Ducts, Trenches, Drawpits and Utilities (Summary) Site Roadworks (Summary) CC111340 Site Roadworks (Summary) 117d 19-Jul-16 05-Dec-16 27-Sep-15 A Location Near Building 2 (Part 1) 15-Sep-16 263d 126d Boundary Fence - Type1 (Part 1) Boundary Fence - Type1 (Part 1) CC113100 CC113150 Excavate for Drainage and Sewage (Part 1) 20d 13-Nov-15 A 11-May-16 170d Excavate for Drainage and Sewage (Part 1) Install Pipes and Construct Manholes for Drainage and Sewage (Part 1) 05-Dec-15 A 28-May-16 Install Pipes and Construct Manholes for Drainage and Sewage (Part 1) CC113200 31d Testing of Drainage and Sewage (Part 1) CC113250 Testing of Drainage and Sewage (Part 1) 45d 05-Apr-16 A 11-Jun-16 123d CC113300 Backfilling of Drainage and Sewage (Part 1) 11-Apr-16 A 25-Jun-16 123d Backfilling of Drainage and Sewage (Part 1) CC113350 Complete M/H STM-1 & Connect to Existing 500mm Trapezoidal Channel 60d 30-May-16 09-Aug-16 263d Complete M/H STM-1 & Connect to Existing 500mm Trapezoidal Channel Testing of M/H STM-1, STM-2 & Pipeworks Testing of M/H STM-1, STM-2 & Pipeworks CC113400 12d 10-Aug-16 23-Aug-16 Backfilling to M/H STM-1, \$TM-2 & Pipework CC113450 Backfilling to M/H STM-1, STM-2 & Pipeworks 20d 24-Aug-16 15-Sep-16 263d Sitewide Pipe Ducts, Trenches, Drawpits and Utilities (Part 1) CC113500 Sitewide Pipe Ducts, Trenches, Drawpits and Utilities (Part 1) 25d 02-Jul-16\* 30-Jul-16 Site Roadworks (Part 1) CC113550 Site Roadworks (Part 1) 35d 19-Jul-16 27-Aug-16 Second Site Access - Application of Excavation Permit CC113600 0d 27-Sep-15 A 04-Nov-15 A Second Site Access - Application of Excavation Permit CC113650 Second Site Access - Excavation Permit Obtained Οd 05-Nov-15 A Second Site Access - Excavation Permit Obtained CC113700 Second Site Access - Temp. Traffic Management, Road Diversion and Civil Works 18-Mar-16 A 01-Apr-16 A econd Site Access - Temp. Traffic Management, Road Diversion and Civil Works CC113750 Second Site Access - Available for use 0d 01-Apr-16 A and Sife Access - Available for use 29-Oct-16 202d Location Near Builidng 1 Fence Wall (Part 2) 23-May-16 133d Boundary Fence - Type1 (part 2) Boundary Fence - Type1 (part 2) CC114150 45d 23-May-16 15-Jul-16 107d Excavate for Drainage and Sewage (Part 2) Excavate for Drainage and Sewage (Part 2) CC114200 Install Pipes and Construct Manholes for Drainage and Sewage (Part 2) 50d Install Pipes and Construct Manholes for Drainage and Sewage (Part 2) 04-Aug-16 Testing of Drainage and Sewage (Part 2) CC114250 Testing of Drainage and Sewage (Part 2) 50d 21-Jun-16 18-Aug-16 107d CC114300 Backfilling of Drainage and Sewage (Part 2) Backfilling of Drainage and Sewage (Part 2) 06-Jul-16 Sitewide Pipe Ducts, Trenches, Drawpits and Utilities (Part 2): CC114350 Sitewide Pipe Ducts, Trenches, Drawpits and Utilities (Part 2) 24d 30-Aug-16 03-Aug-16 Site Roadworks (Part 2) 47d 02-Sep-16 29-Oct-16 Site Roadworks (Part 2) Location between Building 1 & AD Farm (Part 3) 30-May-16 12-Nov-16 119d 139d CC111200 15-Aug-16 09-Jul-16 CC115100 Excavate for Drainage and Sewage (Part 3) 60d 30-May-16 09-Aug-16 Excavate for Drainage and Sewage (Part 3) CC115150 Install Pipes and Construct Manholes for Drainage and Sewage (Part 3) 06-Jun-16 16-Aug-16 Install Pipes and Construct Manholes for Drainage and Sewage (Part 3) Testing of Drainage and Sewage (Part 3) CC115200 Testing of Drainage and Sewage (Part 3) 45d 02-Jul-16 23-Aug-16 CC115250 27-Jul-16 Backfilling of Drainage and Sewage (Part 3) Backfilling of Drainage and Sewage (Part 3) 30d 30-Aug-16 Sitewide Pipe Ducts, Trenches, Drawpits and Utilities (Part 3) CC115300 Sitewide Pipe Ducts, Trenches, Drawpits and Utilities (Part 3) 50d 03-Aug-16 30-Sep-16 Site Roadworks (Part 3) CC115350 Site Roadworks (Part 3) 70d 12-Nov-16 20-Aug-16 Location bets n Building 1 & Building 3 (Part 4) 171d 15-Apr-16 A 05-Dec-16 213d CC111240 Gate House 43d 08-Sep-16 31-Oct-16 CC111260 Handover of Gate House for E&M Works 0d 31-Oct-16 ◆ Handover of Gate House for E&M Works Boundary Fence - Type3 (Part 4) CC116100 Boundary Fence - Type3 (Part 4) 48d 19-Oct-16 22-Aug-16 CC116150 Excavate for Drainage and Sewage (Part 4) 15-Apr-16 A 07-Sep-16 Excavate for Drainage and Sewage (Part 4) Install Pipes and Construct Manholes for Drainage and Sewage (Part 4) CC116200 Install Pipes and Construct Manholes for Drainage and Sewage (Part 4) 98d 21-May-16 14-Sep-16 CC116210 Complete M/H STM-2 & Connect to Existing 3m Trapezoidal Channel 19-Jul-16 Complete M/H STM-2 & Connect to Existing 3m Trapezoidal Channel 25d Complete Terminal Foulwater M/H and Connect to Existing 225mm Tapping Sewer 19-Jul-16 Complete Terminal Foulwater M/H and Connect to Existing 225mm Tapping Sewer CC116250 25d 20-Jun-16 Testing of Drainage and Sewage (Part 4) CC116300 Testing of Drainage and Sewage (Part 4) 28-May-16 22-Sep-16 CC116350 Backfilling of Drainage and Sewage (Part 4) 98d 29-Sep-16 Backfilling of Drainage and Sewage (Part 4) 04-Jun-16 CC116400 Sitewide Pipe Ducts, Trenches, Drawpits and Utilities (Part 4) Sitewide Pipe Ducts, Trenches, Drawpits and Utilities (Part 4) 70d 28-Jun-16 Project:OWTF1\_v2.1

Ref.:WS-OSC-00-0-TM-0001G, Date: 20-May-2016

**Environmental Protection Department** SUEZ TAL N ROSROCA **Contract Programme for the Design and** Contract No. EP/SP/61/10 of the HKSAR **Construction Works (v2.1)** OSCAR Bioenergy Joint Venture Organic Waste Treatment Facilities Phase 1 ov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec CC116450 Drawpits for CLP Lead-in Cables Water Meter Cabinet Construction CC116500 Water Meter Cabinet Construction 30d 30-Jul-16 02-Sep-16 125d Site Roadworks (Part 4) CC116550 Site Roadworks (Part 4) 55d 30-Sep-16 05-Dec-16 100d 23-Oct-15 A 06-Mar-17 147d Location at Natural Terrain (Sppeworks) 125d Tree felling and transplanting (Excl. Natural Terrain) 23-Oct-15 A CC111100 26-Oct-15 A CC111110 Tree felling and transplanting (Natural Terrain - if any) 24d 31-Oct-16 26-Nov-16 178d Tree felling and transplanting (Natural Terrain - if any) 77d 04-Oct-16 NTH Mitigation works CC111360 05-Jan-17 147d Snagging on Zone #4 Work & NTH Mitigation Work 06-Mar-17 147d CC111390 48d 06-Jan-17 Snagging on Zone #4 Work & NTH Mitigation Work 31-Oct-16 Landscaping Work CC111400 Planting works (incl. Compensatory Tree Planting) 26d 04-Feb-17 06-Mar-17 133d Planting works (incl. Compensatory Tree Planting) Landscape Softworks CC111420 26d 07-Mar-17 06-Apr-17 133d 18-Jan-16 A 13-Jan-17 69d Roadworks at Portion 2 223d ortion 2 Works - Application of Excavation Permit Portion 2 Works - Application of Excavation Permit 18-Jan-16 A Portion 2 Works - Excavation Permit Obtained CC111430 0d Portion 2 Works - Excavation Permit Obtained 16-May-16 108d CC111435 Portion 2 Works - Temp. Traffic Management (in Stages) - Summary 161d 04-Jul-16 13-Jan-17 Portion 2 Works - Temp. Traffic Ma Utitlities Diversion - Summary CC111440 Utitlities Diversion - Summary 157d 04-Jul-16 09-Jan-17 CC111460 Road Construction - Summary 11-Oct-16 Removal of Abandoned Sewer Pipes Removal of Abandoned Sewer Pipes 58d CC111480 04-Jul-16 08-Sep-16 CC111500 Construct Gully and Associated Pipes 12-Aug-16 08-Oct-16 Construct Gully and Associated Pipes Connection of FS Main, Fresh Water Main & Flushing Water Main by Authority of Others Connection of FS Main, Fresh Water Main & Flushing Water Main by Authority or Others CC111520 65d 19-Jul-16 04-Oct-16 Realign Kerbs for Pavement CC111540 Realign Kerbs for Pavement 11-Oct-16 31-Oct-16 Construct of New Concrete Footpath Pavement and Reinstatement of Verge CC111560 Construct of New Concrete Footpath Pavement and Reinstatement of Verge 32d 24-Oct-16 29-Nov-16 CC111580 Bitument Pavement Reconstruction 54d 24-Oct-16 Bitument Pavement Reconstruction CC111600 Reinstate the Clogged Pipeline 68d 24-Oct-16 13-Jan-17 Reinstate the Clogged Pipeline Relocation of Fire Hydrant and Street Lamp by by Authority or Others Relocation of Fire Hydrant and Street Lamp by by Authority or Others 09-Nov-16 13-Jan-17 STATUTORY AND UTILITIES WORKS Electricity Supply and Energization - CLP 17-Aug-16 18-Jan-17 127d 17-Aug-16 18-Jan-17 Handover of 11kV Switch Room to BS ♦ Handover of 11kV Switch Room to BS SW250100 19-Aug-16 SW250120 Building services installation in 11kV Switch Room 384 20-Aug-16 05-Oct-16 Building services installation in 11kV Switch Room 0d ♦ Handover 11kV Switch Room to CLP SW250140 Handover 11kV Switch Room to CLP 05-Oct-16 CLP to install 11kV Switch Boards SW250160 CLP to install 11kV Switch Boards 90d 06-Oct-16 03-Jan-17 Handover Cable Drawpit to CLP (No.45-DH-001 to 007) Handover Cable Drawpit to CLP (No.45-DH-001 to 007) SW250170 6d 17-Aug-16 23-Aug-16 SW250175 CLP to install Lead-in Cables 32d 24-Aug-16 30-Sep-16 CLP to install Lead-in Cables Handover Associated cable duct to CLP (No.45-DH-001 to 007) Handover Associated cable duct to CLP (No.45-DH-001 to 007) SW250180 17-Aug-16 23-Aug-16 CLP to install HV cables SW250200 CLP to install HV cables 26d 31-Aug-16 30-Sep-16 SW250220 Submit WR1 to CLP and CLP inspection 05-Jan-17 11-Jan-17 Submit WR1 to CLP and CLP inspection SW250240 CLP install energy meter and energize power 12-Jan-17 18-Jan-17 CLP install energy meter and energize power 14-Feb-17 LIft Installation - EMSD 17d 14-Feb-17 08-Mar-17 17d 14-Feb-17 08-Mar-17 Submit Form LE5 to EMSD Submit Form LE5 to EMSD 14-Feb-17 27-Feb-17 10d 0d SW250520 EMSD Inspection 27-Feb-17 ♦ EMSD Inspection SW250560 Lift Certificate (Use Permit) Obtained 08-Mar-17 ◆ Lift Certificate (Use Permit) Obtained 19-Apr-17 e Services - FSD 19-Apr-17 70d 05-Jan-17 19-Apr-17 ◆ DG Inspection SW251020 DG Inspection 05-Jan-17 SW251040 DG Re-inspection 0d 18-Jan-17 ◆ DG Re-inspection 0d 17-Feb-17 ◆ DG Certificate Obtained SW251060 DG Certificate Obtained Re-submit Form FS314 SW251100 Re-submit Form FS314 10d 21-Feb-17 06-Mar-17 33d SW251140 Submit Form FS501 (with FS251) 10d 21-Feb-17 Submit Form FS501 (with FS251) 06-Mar-17 SW251160 FSD Inspection 0d 08-Mar-17 ◆ FSD Inspection FSD Re-inspection 22-Mar-17 ◆ FSD Re-inspection SW251180 Project:OWTF1\_v2.1 Activity Critical print: 20-May-16 16:59 Page 27 of 37 Ref.:WS-OSC-00-0-TM-0001G, Date: 20-May-2016 © Oracle Corporation 

**Environmental Protection Department** SUEZ ATAL & RosRoca **Contract Programme for the Design and** Contract No. EP/SP/61/10 of the HKSAR **Construction Works (v2.1) OSCAR Bioenergy Joint Venture** Organic Waste Treatment Facilities Phase 1 Activity Name ov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec SW251200 F.S. Approval Certificate 200d 20-Jun-16 20-Feb-17 200d 20-Jun-16 20-Feb-17 39d Submit Form WW046 Part I & II- Application for Installation (FS Water Supply) ◆ Submit Form WW046 Part I & II Application for Installation (FS Water Supply) Obtain Form WWO 46 Part III from W\$D (F\$ Water Supply) Obtain Form WWO 46 Part III from WSD (FS Water Supply) SW251985 28d 21-Jun-16 18-Jul-16 203d WSD Connection to Water Meter Cabinet 03-Sep-16 01-Nov-16 ◆ Submit Form WW046 Part IV - Request for Inspection (FS Water Supply) 0d SW252000 Submit Form WW046 Part IV - Request for Inspection (FS Water Supply) 15-Dec-16 WSD inspection and reinspection (FS Water Supply) SW252020 WSD inspection and reinspection (FS Water Supply) 16-Dec-16 18-Jan-17 Form WW046 Part V (FS Water Supply) SW252040 Form WW046 Part V (FS Water Supply) 21d 19-Jan-17 20-Feb-17 Submit Form WW046 Part I & II- Application for Installation (Fresh Water Supply) 0d 25-Jul-16\* ◆ Submit Form WW046 Part I & N-Application for Installation (Fresh Water Supply) SW252050 Obtain Form WWO 46 Part III from WSD (Fesh Water Supply) SW252060 Obtain Form WWO 46 Part III from WSD (Fesh Water Supply) 28d 26-Jul-16 22-Aug-16 169d SW252100 Submit Form WW046 Part IV - Request for Inspection (Fresh Water Supply) 02-Dec-16 Submit Form WW046 Part IV - Request for Inspection (Fresh Water Supply) WSD inspection and reinspection (Fresh Water Supply) SW252120 WSD inspection and reinspection (Fresh Water Supply) 21d 05-Dec-16 05-Jan-17 SW252140 Form WW046 Part V (Fresh Water Supply) 21d 07-Feb-17 Form WW046 Part V (Fresh Water Supply) 06-Jan-17 Drainage - DSD 60d 03-Oct-16 01-Dec-16 250c 60d 03-Oct-16 01-Dec-16 250d Connection by DSD to Terminal Foulwater M/H Connection by DSD to Terminal Foulwater M/H SW254100 03-Oct-16 01-Dec-16 250d 01-Dec-16 18-Oct-16 01-Dec-16 103d Handover plant room and cable duct to Telecom Company SW253100 Handover plant room and cable duct to Telecom Company 18-Oct-16 24-Oct-16 Telecom. Company to install cable and Equipment Telecom. Company to install cable and Equipment 25-Oct-16 01-Dec-16 PCCW Connection SW253130 PCCW Connection 22d 10-Nov-16 01-Dec-16 129d 19-Mar-15 A 05-Jan-17 SW260100 Registration of Pressure Vessels 17-Oct-16 SW260120 20d 26-Oct-16 22-Nov-16 Approval for installation of furnaces, ovens or chimneys Approval for installation of furnaces, ovens or chimneys SW260160 Chemical Waste Producer Registration (Site) 0d 10-Mar-15 Δ 29-Apr-15 A Chemical Waste Producer Registration (Plant) 20d 05-Jan-17 Chemical Waste Producer Registration (Plant) SW260162 06-Dec-16 SW260170 Storage Approval for Chemicals (Control of Chemicals Regulation) 20d 06-Dec-16 05-Jan-17 Storage Approval for Chemicals (Control of Chemicals Regulation METHOD STATEMENT (M.S.) OF E & M INSTALLATION WORKS (INCL. RE-SUBMISSIONS 08-Aug-15 A Electrical & Control Systems 95d 08-Aug-15 A 03-Aug-16 202d 08-Aug-15 A 03-Aug-16 202d ◆ Submit M.S. for Installation of HV Swtichboard, HV/LV Transformer and Earthing Transformer Submit M.S. for Installation of HV Swtichboard, HV/LV Transformer and Earthing Transform IC Certifies M.S. for Installation of HV Swtichboard, HV/LV Transformer and Earthing Transformer MS601200 IC Certifies M.S. for Installation of HV Swtichboard, HV/LV Transformer and Earthing Transformer 46d 19-Jun-16 03-Aug-16 100d MS601400 Submit M.S. for Installation of LV Switchboard and MCC Οd 18-Jun-16 ◆ Submit M.S. for Installation of LV Switchboard and MCC IC Certifies M.S. for Installation of LV Switchboard and MCC IC Certifies M.S. for Installation of LV Switchboard and MCC MS601500 46d 19-Jun-16 03-Aug-16 18-Jun-16\* ◆ Submit M.S. for Supply and Installation of Emergency Genset Submit M.S. for Supply and Installation of Emergency Genset 0d IC Certifies M.S. for Installation of Emergency Genset IC Certifies M.S. for Installation of Emergency Genset MS602100 46d 19-Jun-16 03-Aug-16 191d MS602300 Submit M.S. for Installation of Lightning Protection System 14-May-16 ◆ Submit M.S. for Installation of Lightning Protection System IC Certifies M.S. for Installation of Lightning Protection System IC Certifies M.S. for Installation of Lightning Protection System 46d 29-Jun-16 204d MS602400 15-May-16 Submit M.\$. for Installation of Cable 30-Apr-16\* IC Certifies M.S. for Installation of Cable MS602700 IC Certifies M.S. for Installation of Cable 46d 01-May-16 15-Jun-16 MS603200 Submit M.S. for Installation of Control system (SCADA Panel/LCP) ◆ \$ubmit M.S. for Installation of Control system (SCADA Panel/LCP) 18-Jun-16\* IC Certifies M.S. for Installation of Control system (SCADA Panel/LCP) IC Certifies M.S. for Installation of Control system (SCADA Panel/LCP) MS603300 46d 19-Jun-16 03-Aug-16 Submit M.S. for Installation of ELV System ◆ Submit M.S. for Installation of ELV System MS603500 IC Certifies M.S. for Installation of ELV System IC Certifies M.S. for Installation of ELV System MS603600 46d 19-Jun-16 03-Aug-16 202d ◆ Submit M.S. for Termination of Fiber Optic Cable Submit M.S. for Termination of Fiber Optic Cable MS603800 18-Jun-16\* IC Certifies M.S. for Termination of Fiber Optic Cable IC Certifies M.S. for Termination of Fiber Optic Cable MS603900 46d 19-Jun-16 03-Aug-16 202d ◆ Submit M.S. for Installation of underground Earthing grid MS604400 Submit M.S. for Installation of underground Earthing grid 0d 08-Aug-15 A MS604500 IC Certifies M.S. for Installation of underground Earthing grid Od 10-Aug-15 A 24-Aug-15 A IC Certifies M.S. for Installation of undergroup MS604700 Submit M.S. for Installation of Earthing System ◆ \$ubmit M.S. for Installation of Earthing System IC Certifies M.S. for Installation of Earthing System IC Certifies M.S. for Installation of Earthing System MS604800 46d 19-Jun-16 03-Aug-16 Project:OWTF1\_v2.1

Ref.:WS-OSC-00-0-TM-0001G, Date: 20-May-2016

**Environmental Protection Department of the HKSAR** 

Contract No. EP/SP/61/10

Organic Waste Treatment Facilities Phase 1

SUEZ ROSROCA
OSCAR Bioenergy Joint Venture

Contract Programme for the Design and Construction Works (v2.1)

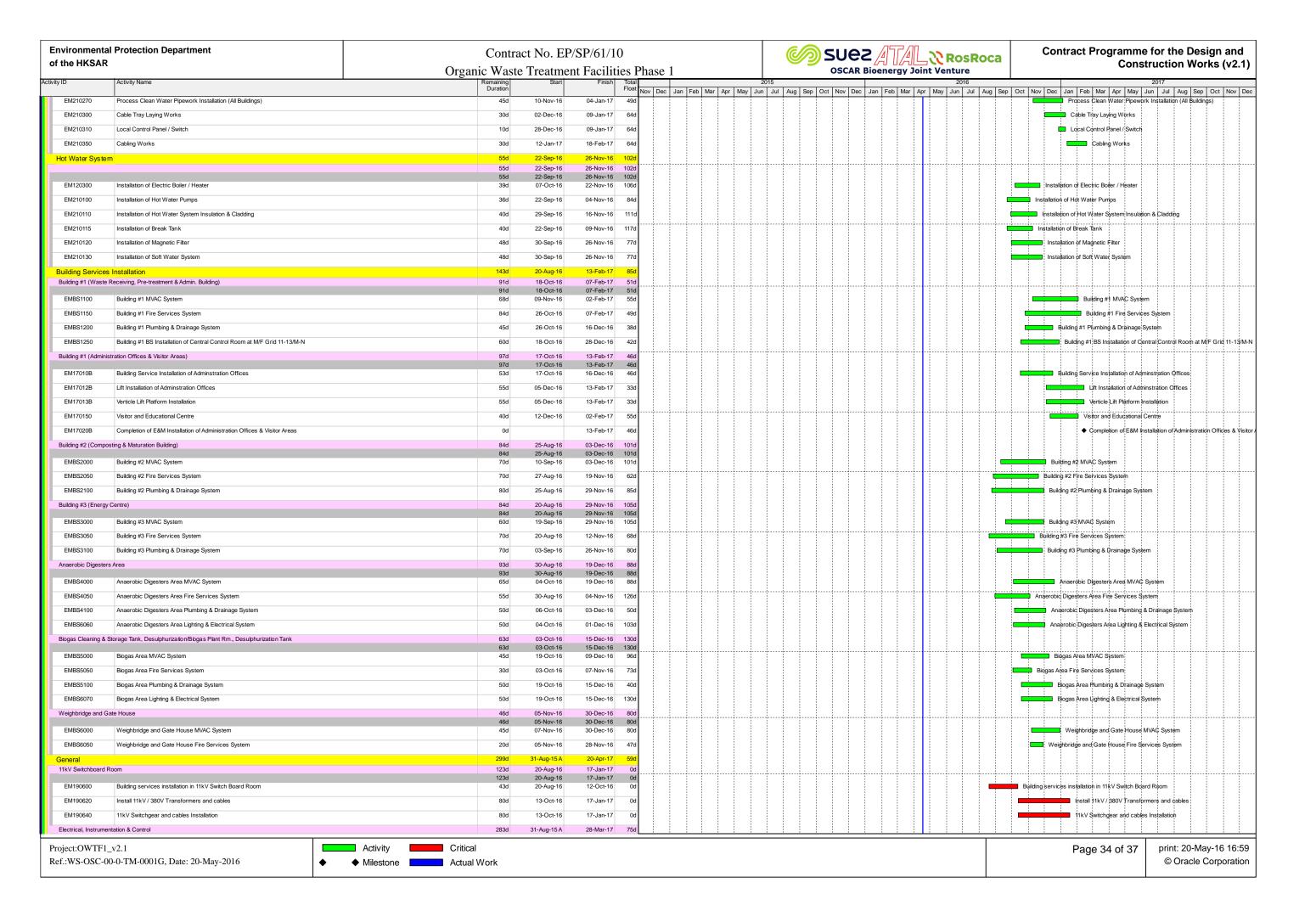
ov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec MS619200 Submit M.S. for Installation of Instrument IC Certifies M.S. for Installation of Instrument IC Certifies M.S. for Installation of Instrument 46d 03-Aug-16 104d MS619300 19-Jun-16 02-Feb-16 A 03-Oct-16 Mechanical and Piping 03-Oct-16 03-Oct-16 191d nstallation of Anaerobic Digestion Tanks No. 1, 2, 3 and Suspension Buffer Tank MS611100 Submit M.S. for Installation of Anaerobic Digestion Tanks No. 1, 2, 3 and Suspension Buffer Tank 02-Feb-16 A Submit M.S. tifies M.S. for Install. of AD Tanks No. 1, 2, 3 and Suspension Buffer Tank IC Certifies M.S. for Install, of AD Tanks No. 1, 2, 3 and Suspension Buffer Tan 23-Mar-16 A Submit M.S. for Installation of Biogas Storage Tank ◆ Submit M.S. for Installation of Biogas Storage Tank MS611400 Ωd 31-May-16\* IC Certifies M.S. for Installation of Biogas Storage Tank IC Certifies M.S. for Installation of Biogas Storage Tank MS611500 01-Jun-16 16-Jul-16 ◆ Submit M.S. for Installation of Grab Crane MS611700 Submit M.S. for Installation of Grab Crane Od 31-May-16\* IC Certifies M.S. for Installation of Grab Crane 16-Jul-16 ■ IC Certifies M.S. for Installation of Grab Crane MS611800 46d 01-Jun-16 ◆ Submit M.S. for Installation of Weighbridge MS612000 Submit M.S. for Installation of Weighbridge 0d 08-Aug-16\* IC Certifies M.S. for Installation of Weighbridge MS612100 IC Certifies M.S. for Installation of Weighbridge 09-Aug-16 23-Sep-16 ◆ Submit M.S. for Installation of Vehicle Washing System MS612300 Submit M.S. for Installation of Vehicle Washing System Οd 27-.lun-16\* IC Certifies M.S. for Installation of Vehicle Washing System MS612400 IC Certifies M.S. for Installation of Vehicle Washing System 28-Jun-16 12-Aug-16 ◆ Submit M.S. for Installation of Biogas Cleaning, Storage and Distribution System (exclude Biogas Storage Tank): MS612600 Submit M.S. for Installation of Biogas Cleaning, Storage and Distribution System (exclude Biogas Storage Tank) 0d 09-Jun-16\* MS612700 IC Certifies M.S. for Installation of Biogas Cleaning, Storage and Distribution System (exclude Biogas Storage Tank) 25-Jul-16 IC Certifies M.S. for Installation of Biogas Cleaning, Storage and Distribution System (exclude Biogas Stor 10-Jun-16 ◆ Submit M.S. for Installation of Pipe Racks and Supports MS612750 Submit M.S. for Installation of Pipe Racks and Supports Οd 24-Jun-16\* IC Certifies M.S. for Installation of Pipe Racks and Supports IC Certifies M.S. for Installation of Pipe Racks and Supports 46d 25-Jun-16 09-Aug-16 MS612800 ◆ Submit M.S. for Installation of Pre-treatment System MS612900 Submit M.S. for Installation of Pre-treatment System Οd 27-.lun-16\* IC Certifies M.S. for Installation of Pre-treatment System MS613000 IC Certifies M.S. for Installation of Pre-treatment System 28-Jun-16 12-Aug-16 ◆ Submit M.S. for Installation of Dewatering and Composting System MS613120 Submit M.S. for Installation of Dewatering and Composting System 0d 18-Jul-16\* IC Certifies M.S. for Installation of Dewatering and Composting System IC Certifies M.S. for Installation of Dewatering and Composting System 02-Sep-16 MS613140 19-Jul-16 MS613200 Submit M.S. for Installation of CAPCS equipment (Part 1 - Wet Scrubbers and Ventri Scrubbers area) Od 28-Apr-16 ◆ Submit M.S. for Installation of CAPCS equipment (Part 1)- Wet Scrubbers and Ventri Scrubbers area IC Certifies M.S. for Installation of CAPCS equipment (Part 1 - Wet Scrubbers and Ventri Scrubbers area) IC Certifies M.S. for Installation of CAPCS equipment (Part 1 - Wet Scrubbers and Ventri Scrubbers area) MS613300 29-Apr-16 13-Jun-16 MS613400 Submit M.S. for Install, of CAPCS eq. (Part 2 - Chemical scrubbers, activated carbon filters & air extraction fans) Οd 10-Jun-16\* ♦ Submit M.S. for Install. of CAPCS eq. (Part 2 - Chemical scrubbers, activated carbon filters & air extraction fans) IC Certifies M.S. for Install. of CAPCS eq. (Part 2 - Chemical scrubbers, activated carbon filters & air extract. fans) IC Certifies M.S. for Install. of CAPCS eq. (Part 2 - Chemical scrubbers, activated carbon filters & air extra 46d 11-Jun-16 26-Jul-16 MS613500 MS614700 Submit M.S. for Installation of Pipeline Οd 21-Jul-16\* ◆ Submit M.S. for Installation of Pipeline MS614800 IC Certifies M.S. for Installation of Pipeline 22-Jul-16 05-Sep-16 IC Certifies M.S. for Installation of Pipeline ◆ Submit M.S. for Installation of Pumpset and Rotating Equipment MS615000 Submit M.S. for Installation of Pumpset and Rotating Equipment 0d 18-Jun-16\* IC Certifies M.S. for Installation of Pumpset and Rotating Equipment IC Certifies M.S. for Installation of Pumpset and Rotating Equipment MS615100 46d 19-Jun-16 03-Aug-16 MS616500 Submit M.S. for Installation of Mechanical Support and Structure Od 02-Jul-16\* Submit M.\$. for Installation of Mechanical Support and Structure IC Certifies M.S. for Installation of Mechanical Support and Structure IC Certifies M.S. for Installation of Mechanical Support and Structure 46d 03-Jul-16 17-Aug-16 MS616600 ◆ Submit M.S. for Installation of FRP Ducting MS617100 Submit M.S. for Installation of FRP Ducting 0d 20-May-16\* IC Certifies M.S. for Installation of FRP Ducting IC Certifies M.S. for Installation of FRP Ducting MS617200 46d 21-May-16 05-Jul-16 ◆ Submit M.S. for Installation of CHP, Heat Recovery system and electrical boiler MS618000 Submit M.S. for Installation of CHP, Heat Recovery system and electrical boile 0d 18-Jun-16\* IC Certifies M.S. for Installation of CHP, Heat Recovery system and electrical boiler MS618100 IC Certifies M.S. for Installation of CHP, Heat Recovery system and electrical boiler 46d 19-Jun-16 03-Aug-16 18-Jun-16\* ◆ Submit M.S. for Installation of CEMS MS618300 Submit M.S. for Installation of CEMS 0d IC Certifies M.S. for Installation of CEMS MS618400 IC Certifies M.S. for Installation of CEMS 46d 19-Jun-16 03-Aug-16 252d ◆ Submit M.S. for Installation of CHP & ASP Stack MS618520 Submit M.S. for Installation of CHP & ASP Stack Od 18-Jun-16\* IC Certifies M.S. for Installation of CHP & ASP Stack IC Certifies M.S. for Installation of CHP & ASP Stack 03-Aug-16 MS618540 46d 19-Jun-16 Submit M.S. for Installation of Ammonia Stripping Plant 12-Apr-16 A Submit M.S. for Installation of Ammonia Stripping Plant IC Certifies M.S. for Installation of Ammonia Stripping Plant 13-Apr-16 A IC Certifies M.S. for Installation of Ammonia Stripping Plant MS618700 41d 28-May-16 MS618900 Submit M.S. for Installation of Lifting Appliance 0d 15-Aug-16\* 136d ◆ Submit M.S. for Installation of Lifting Appliance IC Certifies M.S. for Installation of Lifting Appliance IC Certifies M.S. for Installation of Lifting Appliance 46d 16-Aug-16 30-Sep-16 136d MS619000 11-Jul-16\* Submit M.S. for Installation of Tank 0d Submit M.S. for Installation of Tank MS619500 IC Certifies M.S. for Installation of Tank IC Certifies M.S. for Installation of Tank MS619600 46d 12-Jul-16 26-Aug-16 131 MS619800 Submit M.S. for Labeling of Equipment, Valve and Instrument 0d 18-Aug-16\* ◆ Submit M.S. for Labeling of Equipment, Valve and Instrumer IC Certifies M.S. for Labeling of Equipment, Valve and Instrument IC Certifies M.S. for Labeling of Equipment, Valve and Instrumen 46d 19-Aug-16 03-Oct-16 MS619900 ◆ Submit M.S. for Installation of Tiles Submit M.S. for Installation of Tiles MS620200 IC Certifies M.S. for Installation of Tiles 46d ■ IC Certifies M.S. for Installation of Tiles 28-Jun-16 12-Aug-16 213d 30-May-16 14-Sep-16 102d 30-May-16

**Environmental Protection Department Contract Programme for the Design and** Contract No. EP/SP/61/10 of the HKSAR **Construction Works (v2.1)** Organic Waste Treatment Facilities Phase 1 ov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec ◆ Submit M.S. for Installation of MVAC System MS525400 Submit M.S. for Installation of MVAC System 30-May-16\* MS525500 IC Certifies M.S. for Installation of MVAC System 15-Jul-16 152d IC Certifies M.S. for Installation of MVAC System Submit M.S. for Installation of Lift MS526300 Submit M.S. for Installation of Lift 0d 30-Jul-16\* IC Certifies M.S. for Installation of Lift MS526400 46d 31-Jul-16 14-Sep-16 Submit M.S. for Installation of Vertical Lift Platforn MS526500 Submit M.S. for Installation of Vertical Lift Platform 0d 30-Jul-16\* 102d IC Certifies M.S. for Installation of Vertical Lift Platform IC Certifies M.S. for Installation of Vertical Lift Platform 31-Jul-16 14-Sep-16 02-Feb-17 Waste Receiving, Storage and Feeding System 13-Aug-16 140d 13-Aug-16 02-Feb-17 EM100050 Runway support manufacturing and delivery (with Temp. Opening on slab) Runway support manufacturing and delivery (with Temp. Opening on slab) 40d 13-Aug-16 29-Sep-16 EM100100 Installation of Overhead Grabbing System (with Temp. Opening on slab) 36d 30-Sep-16 12-Nov-16 Installation of Overhead Grabbing System (with Temp. Opening on slab) 32d 25-Nov-16 Installation of Weighbridge System 1 EM180100 Installation of Weighbridge System 1 20-Oct-16 Installation of Weighbridge System 2 EM180150 Installation of Weighbridge System 2 32d 26-Nov-16 05-Jan-17 Installation of Computer System Installation of Computer System 66d 08-Oct-16 24-Dec-16 EM180200 Cable Tray Laying Works EM180250 Cable Tray Laying Works 35d 07-Nov-16 16-Dec-16 53d EM180260 Local Control Panel / Switch 25d 18-Nov-16 16-Dec-16 Local Control Panel / Switch Cabling Works EM180300 35d 17-Dec-16 02-Feb-17 EM180350 Completion of E&M Installation of Waste Receiving, Storage and Feeding System 0d 02-Feb-17 ◆ Completion of E&M Installation of Waste Receiving, Storage and F EM190100 Vehicle Washing System 50d 20-Oct-16 16-Dec-16 Vehicle Washing System 50d Bin Handling Machine EM190110 Bin Handling Machine 03-Oct-16 30-Nov-16 High Jet Water Spray Gun System EM190120 High Jet Water Spray Gun System 50d 17-Sep-16 16-Nov-16 Waste Recieving System Pipework (with Supports) EM190170 Waste Recieving System Pipework (with Supports) 50d 27-Sep-16 25-Nov-16 17-Sep-16 17-Feb-17 Pre-Treatment System 17-Sep-16 Pre-Treatment System 124d 17-Feb-17 195d EM100150 Installation of Reception Hopper 1 and Screw Conveyors 18d 18-Oct-16 07-Nov-16 247d Installation of Reception Hopper 1 and Screw Conveyors 12d 08-Nov-16 Installation of Crusher No.1 Installation of Reception Hopper 2 and Screw Conveyor EM100250 Installation of Reception Hopper 2 and Screw Conveyors 18d 08-Nov-16 28-Nov-16 247d Installation of Crusher No.2 EM100300 Installation of Crusher No.2 29-Nov-16 12-Dec-16 Installation of Central Sump Pump EM100350 Installation of Central Sump Pump 18d 28-Oct-16 17-Nov-16 EM100351 Installation of Lobe Pump Installation of Lobe Pump Installation of Macerators EM100352 Installation of Macerators 18d 17-Sep-16 08-Oct-16 Installation of Int. Suspension Buffer Tank Jet Mixer EM100353 Installation of Int. Suspension Buffer Tank Jet Mixer 03-Oct-16 24-Oct-16 08-Oct-16 140d Installation of Bollfilter EM100354 Installation of Bollfilter 18d 17-Sep-16 Installation of Centrifuge Pumps Installation of Centrifuge Pumps 28-Oct-16 EM100358 Installation of Vertical Mixer 18d 03-Oct-16 24-Oct-16 Installation of Vertical Mixer Installation of Platform (Pre-treatment) EM100362 Installation of Platform (Pre-treatment) 01-Nov-16 21-Nov-16 Installation of Control Panels (Pre-treatment) EM100364 Installation of Control Panels (Pre-treatment) 18d 15-Oct-16 04-Nov-16 EM100370 Installation of Mixing Tank No.1 25d 17-Sep-16 18-Oct-16 Installation of Mixing Tank No.1 Installation of Sieve Drum No.1 EM100400 Installation of Sieve Drum No.1 25d 31-Oct-16 28-Nov-16 Installation of Mixing Tank No.2 Installation of Mixing Tank No.2 EM100420 25d 17-Sep-16 18-Oct-16 Installation of Sieve Drum No.2 EM100450 Installation of Sieve Drum No.2 25d 11-Nov-16 09-Dec-16 ■ Installation of Sand Grit Trap No 1 EM100500 10d 19-Oct-16 29-Oct-16 EM100550 Installation of Sand Grit Tran No 2 10d 31-Oct-16 10-Nov-16 Installation of Sand Grit Tran No 2 Installation of Heavy/ Light Fraction Screw No EM100600 Installation of Heavy/ Light Fraction Screw No 1 10d 29-Nov-16 09-Dec-16 Installation of Heavly/ Light Fraction Screw No 2 EM100650 Installation of Heavy/ Light Fraction Screw No 2 10d 10-Dec-16 21-Dec-16 Installation of Belt Conveyor EM100660 Installation of Belt Conveyor 18d 22-Dec-16 14-Jan-17 Metal Separator No.1 EM100670 Metal Separator No.1 10d 16-Jan-17 26-Jan-17 Metal Separator No.2 EM100680 Metal Separator No.2 10d 27-Jan-17 10-Feb-17 Installation of Overhead Travelling Crane EM100700 Installation of Overhead Travelling Crane 18d 18-Oct-16 07-Nov-16 Installation of Monorail (Crusher Area) EM100720 10d 17-Sep-16 28-Sep-16 Pre-treatment System Pipework (with Supports and Racks) EM100780 Pre-treatment System Pipework (with Supports and Racks) 90d 29-Sep-16 17-Jan-17 Project:OWTF1\_v2.1 Activity Critical print: 20-May-16 16:59 Page 30 of 37 Ref.:WS-OSC-00-0-TM-0001G, Date: 20-May-2016 © Oracle Corporation ♦ Milestone Actual Work

**Environmental Protection Department** SUEZ TAL N ROSROCA **Contract Programme for the Design and** Contract No. EP/SP/61/10 of the HKSAR **Construction Works (v2.1) OSCAR Bioenergy Joint Venture** Organic Waste Treatment Facilities Phase 1 Activity Name ov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec EM100782 Installation of Skip Rail Guide Installation of Platforms (Pre-treatment Area) EM100784 Installation of Platforms (Pre-treatment Area) 40d 10-Dec-16 01-Feb-17 Cable Tray Laying Work EM100800 Cable Tray Laying Work 60d 17-Sep-16 28-Nov-16 206d Local Control Panel / Switch 31-Oct-16 28-Nov-16 206d EM100810 Local Control Panel / Switch 25d Capling Works 60d 21-Nov-16 EM10095B Remaining Cabling and Building Services Works on 1/F 65d 17-Feb-17 Remaining Cabling and Building Services Works on 1/F 28-Nov-16 EM101000 Completion of E&M Installation of Pre-Treatment System 0d 17-Feb-17 ◆ Completion of E&M Installation of Pre-Treatment System Installation of Control Panels 18-Oct-16 23-Nov-16 18-Oct-16 23-Nov-16 Installation of Panels at Pre-treatment MCC Room Installation of Panels at Pre-treatment MCC Room 11-May-16 Anaerobic Digestion Treatment System 218d 11-May-16 02-Feb-17 02-Feb-17 11-May-16 Installation of Suspension buffer tank Installation of Digester Tank No.1 Installation of Digester Tank No.1 96d EM110100 11-May-16\* 02-Sep-16 Installation of Digester Tank No.2 EM110150 Installation of Digester Tank No.2 11-May-16 02-Sep-16 Installation of Digester Tank No.3 EM110200 Installation of Digester Tank No.3 102d 03-Jun-16 04-Oct-16 Installation of Pumping and Jet Mixing Syste EM110300 Installation of Pumping and Jet Mixing System 30-Aug-16 02-Dec-16 Installation of Heat Exchangers Installation of Heat Exchangers 07-Nov-16 EM110310 79d 04-Aug-16 EM110320 ■ Installation of Overflow Tanks and Pressure Relief Valves Installation of Overflow Tanks and Pressure Relief Valves 09-Aug-16 Installation of Odour Extraction Ductworks EM110350 Installation of Odour Extraction Ductworks 39d 19-Sep-16 04-Nov-16 EM110400 03-Oct-16 17-Oct-16 Installation of Intermediate Digestate Tank Installation of Intermediate Digestate Tank Installation of Racks and Supports EM110405 Installation of Racks and Supports 30d 17-Aug-16 21-Sep-16 Anaerobic Digestion Treatment System Pipework Anaerobic Digestion Treatment System Pipework EM110410 28-Sep-16 Cable Tray Laying Work EM110420 Cable Tray Laving Work 45d 14-Oct-16 05-Dec-16 EM110430 Local Control Panel / Switch 22d Local Control Panel / Switch Cabling Works EM110440 Cabling Works 45d 06-Dec-16 02-Feb-17 Completion of E&M Installation of Anaerobic Digestion Treatment Completion of E&M Installation of Anaerobic Digestion Treatment System EM110450 02-Feb-17 39d 20-Aug-16 06-Oct-16 128d Installation of Control Panels 20-Aug-16 06-Oct-16 128d nstallation of Panels at AD MCC Room 20-Aug-16 19-Jan-17 127 20-Aug-16 Heat Recovery and Power Generation System 125d 20-Aug-16 19-Jan-17 127d 125d 20-Aug-16 19-Jan-17 127d Installation of Combine Heat Power System no Installation of Combine Heat Power System no 1 06-Oct-16 20-Aug-16 EM120150 Installation of Combine Heat Power System no 2 40d 07-Oct-16 23-Nov-16 127d Installation of Combine Heat Power System no 2 EM120200 Installation of Combine Heat Power System no 3 24-Nov-16 12-Jan-17 127d Installation of Combine Heat Power System no 3 EM120250 Installation of Heat Recovery system / H2S Polishing 26d 07-Oct-16 07-Nov-16 106d Installation of Heat Recovery system / H2S Polishing Heat Recovery and Power Generation System Pipework EM120320 Heat Recovery and Power Generation System Pipework 07-Oct-16 19-Jan-17 Installation of Continuous Emissions Monitoring System (CEMS) EM120350 Installation of Continuous Emissions Monitoring System (CEMS) 26d 09-Dec-16 11-Jan-17 113 EM120400 Cable Tray Laying Works 05-Nov-16 21-Nov-16 Cable Tray Laying Works Local Control Panel / Switch EM120410 Local Control Panel / Switch 15d 22-Nov-16 08-Dec-16 EM120450 Cabling Works 20d 09-Dec-16 04-Jan-17 Cabling Works EM120500 Completion of E&M Installation of Heat Recovery and Power Generation System 0d 19-Jan-17 127d ◆ Completion of E&M Installation of Heat Recovery and Power Gener Installation of Control Panels 06-Dec-16 EM19021H Installation of Panels at Heat Recovery & CHP MCC Rooms 80d 01-Sep-16 06-Dec-16 Installation of Panels at Heat Recovery & CHP MCC Rooms 17-Jan-17 Biogas Cleaning and Storage System 17-Jan-17 104d 03-Sep-16 EM130100 Installation of Bio Gas Cleaning System no.1 (Desulphurisation) 52d 03-Sep-16 05-Nov-16 Installation of Bio Gas Cleaning System no.1 (Desulphurisation) EM130150 Installation of Bio Gas Cleaning System no.2 (Desulphurisation) 52d 03-Sep-16 05-Nov-16 Installation of Bio Gas Cleaning System no.2 (Desulphurisation) Installation of Bio Gas Storage Tank EM130200 Installation of Bio Gas Storage Tank 18d 24-Sep-16 17-Oct-16 31d Associated Bio gas Conveying Duct Works EM130350 Associated Bio gas Conveying Duct Works 18-Oct-16 22-Nov-16 Biogas Cleaning and Storage System Pipework EM130380 Biogas Cleaning and Storage System Pipework 64d 04-Oct-16 17-Dec-16 Cable Tray Laying Works Cable Tray Laying Works 24-Oct-16 07-Dec-16 EM130400 39d Local Control Panel / Switch EM130410 Local Control Panel / Switch 25d 09-Nov-16 07-Dec-16 Project:OWTF1\_v2.1 Activity Critical print: 20-May-16 16:59 Page 31 of 37 Ref.:WS-OSC-00-0-TM-0001G, Date: 20-May-2016 © Oracle Corporation ♦ Milestone Actual Work

**Environmental Protection Department** SUEZ ATAL & RosRoca **Contract Programme for the Design and** Contract No. EP/SP/61/10 of the HKSAR **Construction Works (v2.1) OSCAR Bioenergy Joint Venture** Organic Waste Treatment Facilities Phase 1 ov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Dec Nov Dec EM130450 23-Nov-16 Completion of E&M Installation of Biogas Cleaning and Storage System 0d EM130500 17-Jan-17 104d ◆ Completion of E&M Installation of Biogas Cleaning and Storage Syst Biogas Distribution System 01-Sep-16 07-Feb-17 04-Oct-16 07-Feb-17 EM130250 Installation of Standby Flaring Gas Unit 42d 04-Oct-16 22-Nov-16 Installation of Standby Flaring Gas Unit Installation of Biogas Blowers Installation of Biogas Blowers 42d 04-Oct-16 Installation of Biogas Cooling and Condensate Removal System EM130270 Installation of Biogas Cooling and Condensate Removal System 42d 04-Oct-16 22-Nov-16 Biogas Distribution System Pipework EM130275 Biogas Distribution System Pipework 23-Nov-16 23-Jan-17 Carbon Filters EM130278 Carbon Filters 20d 23-Nov-16 15-Dec-16 EM130280 Cable Tray Laying Works 30d 23-Nov-16 29-Dec-16 Cable Tray Laying Works Local Control Panel / Switch Local Control Panel / Switch EM130285 15d 10-Dec-16 29-Dec-16 Cabling Works EM130290 Cabling Works 30-Dec-16 07-Feb-17 EM130295 Completion of E&M Installation of Biogas Disgtribution System 0d 07-Feb-17 Completion of E&M Installation of Biogas Disgtribution System Installation of Control Panels 06-Dec-16 Installation of Panels at Biogas MCC Rooms Installation of Panels at Biogas MCC Rooms EM19021B 80d 01-Sep-16 06-Dec-16 Wastewater Treatment System 16-Dec-16 59d 129d 16-Jul-16 16-Dec-16 FM140100 Installation of Pumping System and associated pipework 40d 15-Aug-16 30-Sep-16 Installation of Pumping System and associated pipework EM140150 03-Oct-16 31-Oct-16 Installation of Aeration System Installation of Odour Containment System (GRP Cover for WWTP) FM140200 Installation of Odour Containment System (GRP Cover for WWTP) 26d 01-Nov-16 30-Nov-16 Installation of Odour Extraction Ductwork (for WWTP) EM140250 Installation of Odour Extraction Ductwork (for WWTP) 21d 11-Nov-16 05-Dec-16 Installation of Ammonia Stripping Plant EM140300 Installation of Ammonia Stripping Plant 90d 16-Jul-16 01-Nov-16 Wastewater Treatment System Pipework EM140330 Wastewater Treatment System Pipework 90d 22-Aug-16 07-Dec-16 Chemical Storage & Dosing System EM140335 Chemical Storage & Dosing System 40d 22-Oct-16 07-Dec-16 WWTP Heat Exchanger WWTP Heat Exchanger 40d 28-Sep-16 15-Nov-16 EM140338 Primary Sedimentation Tank (Conical Tank) FM140340 Primary Sedimentation Tank (Conical Tank) 20d 17-Sep-16 12-Oct-16 Cable Tray Laying Works EM140350 Cable Tray Laying Works 60d 07-Sep-16 18-Nov-16 Local Control Panel / Switch EM140360 Local Control Panel / Switch 28d 18-Oct-16 18-Nov-16 Cabling Works EM140400 Cabling Works 40d 01-Nov-16 16-Dec-16 EM140450 Completion of E&M Installation of Wastewater Treatment System 0d 16-Dec-16 ◆ Completion of E&M Installation of Wastewater Treatment System Installation of Control Panels Installation of Panels at WWTP MCC Room EM170250 Installation of Panels at WWTP MCC Room 05-Nov-16 01-Aug-16 Installation of Tunnel Composting 1 to 6 13-Sep-16 30-Nov-16 142d 65d 30-Nov-16 142d EM160120 Installation of Tiles Installation of Water Spraying System / Pipwork Installation of Water Spraving System / Pipwork 65d 30-Nov-16 142d EM160150 13-Sep-16 Installation of Tunnel Doors EM160201 Installation of Tunnel Doors 26d 01-Nov-16 30-Nov-16 126d 09-Jan-17 129d Installation of Leachate Treatment System 27-Oct-16 EM160200 Installation of Leachate Treatment System / Pipework 28-Oct-16 09-Jan-17 129d EM160210 Leachate Pump Chamber 27-Oct-16 30-Nov-16 148d Leachate Pump Chamber 14-Dec-16 148d Leachate Pump Installation EM160220 Leachate Pump Installation 12d 01-Dec-16 12-Jan-17 126d Installation of Maturation Area 12-Jan-17 126d Installation of Air Extraction System / Ductwork (Maturation Area) EM160250 Installation of Air Extraction System / Ductwork (Maturation Area) 26d 04-Aug-16 02-Sep-16 181d Installation of Star Screen Unit EM160300 Installation of Star Screen Unit 9d 20-Sep-16 29-Sep-16 I Installation of Mixing Unit Installation of Mixing Unit 20-Oct-16 145d EM160400 2d 19-Oct-16 EM160430 Maturation Area Pipework (if any) 01-Nov-16 Cable Tray Laying Works Cable Tray Laving Works 12-Nov-16 145d EM160450 30d 08-Oct-16 Local Control Panel / Switch Local Control Panel / Switch EM160460 20d 21-Oct-16 12-Nov-16 Cabling Works EM160500 Cabling Works 30d 14-Nov-16 17-Dec-16 145d 50d 01-Aug-16 28-Sep-16 182d Installation of Air Extraction System / Ductwork (Structurant Storage Area) Installation of Air Extraction System / Ductwork (Structurant Storage Area) EM160550 01-Aug-16 30-Aug-16 182d Project:OWTF1\_v2.1 Activity Critical print: 20-May-16 16:59 Page 32 of 37 Ref.:WS-OSC-00-0-TM-0001G, Date: 20-May-2016 © Oracle Corporation ♦ Milestone Actual Work

**Environmental Protection Department** SUEZ TAL N ROSROCA **Contract Programme for the Design and** Contract No. EP/SP/61/10 of the HKSAR **Construction Works (v2.1) OSCAR Bioenergy Joint Venture** Organic Waste Treatment Facilities Phase 1 Activity Name ov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec EM160650 Cable Tray Laying Works Local Control Panel / Switch EM160660 Local Control Panel / Switch 8d 05-Sep-16 13-Sep-16 182d EM160700 Cabling Works 12d 14-Sep-16 28-Sep-16 182d Cabling Works 12-Jan-17 214d 107d 03-Sep-16 Installation of Digestate Dewatering System 12-Jan-17 214d EM160620 Installation of Monora 07-Sep-16 Installation of Monorail Installation of Centrifuges 18d 24-Sep-16 159d EM160750 Installation of Centrifuges 03-Sep-16 EM160754 Installation of Platform Centrifuge & Sieve Fine Plastic 18d 25-Oct-16 14-Nov-16 Installation of Platform Centrifuge & Sieve Fine Plastic Installation of Sandfilter Installation of Sandfilter 18d 03-Oct-16 24-Oct-16 1366 EM160758 EM160760 Installation of Polymer Storage Tank 18d 01-Nov-16 21-Nov-16 113d Installation of Polymer Storage Tank EM160764 Installation of Polymer Feed Pumps 18d 01-Nov-16 21-Nov-16 113d Installation of Polymer Feed Pumps Installation of Polymer Mixing Unit EM160770 Installation of Polymer Mixing Unit 9d 11-Nov-16 21-Nov-16 Installation of Anti-Foaming and Anti-Scalant System EM160780 Installation of Anti-Foaming and Anti-Scalant System 11-Nov-16 21-Nov-16 256 EM160800 Installation of Centrate Discharge Pumps 18d 22-Nov-16 12-Dec-16 Installation of Centrate Discharge Pumps Installation of Bollfilter 18d 12-Dec-16 238d Installation of Bollfilter EM160820 22-Nov-16 Installation of CentrateTank EM160900 Installation of CentrateTank 18d 03-Oct-16 24-Oct-16 Installation of Sieve Plastic Drum Installation of Sieve Plastic Drum 4d 04-Nov-16 EM160920 01-Nov-16 Digestate Dewatering System Pipework (with Supports) EM160970 Digestate Dewatering System Pipework (with Supports) 45d 15-Nov-16 09-Jan-17 129d EM161000 Cable Tray Laying Work 30d 25-Oct-16 28-Nov-16 132d Cable Tray Laying Work EM161010 Local Control Panel / Switch 20d 05-Nov-16 28-Nov-16 132d Local Control Panel / Switch Cabling Works EM161050 Cabling Works 30d 29-Nov-16 05-Jan-17 132d EM161100 Completion of E&M Installation of Composting System 12-Jan-17 126d ◆ Completion of E&M Installation of Composting System 12-Nov-16 135d 27-Sep-16 Installation of Control Panels EM161150 Installaton of Panels at Composting MCC Rooms 27-Sep-16 12-Nov-16 135d Installation of Panels at Composting MCC Rooms EM161160 Installaton of Panels at Dewatering MCC Rooms 27-Sep-16 12-Nov-16 133d Installation of Panels at Dewatering MCC Rooms 15-Jun-16 25-Feb-17 EM150100 Installation of Chemical Scrubber in Building 1 26d 18-Oct-16 16-Nov-16 Installation of Chemical Scrubber in Building 1; EM150150 17-Nov-16 09-Dec-16 Installation of Dosing Pumps, associated pipeworks and Stack Unit in Building Installation of Dosing Pumps, associated pipeworks and Stack Unit in Building 1 Installation of Activated Carbon Filter in Building 1 Installation of Activated Carbon Filter in Building 1 26d 16-Nov-16 EM150200 18-Oct-16 EM150250 Installation of Odour Extraction Duct Work & Associated Accessories in Building 1 77d 19-Oct-16 19-Jan-17 Installation of Odour Extraction Duct Work & Associated Accessorie Installation of Chemical Day Tanks and Water Tank in Building 1 Installation of Chemical Day Tanks and Water Tank in Building 1 EM150300 20d 10-Dec-16 05-Jan-17 EM150305 Air Extraction Fans in Building 1 18-Oct-16 Air Extraction Fans in Building 1 EM150310 Wet Scrubber, Venturi Scrubber, Air Extraction Fans in Building 2 114d 15-Jun-16 29-Oct-16 Wet Scrubber, Venturi Scrubber, Air Extraction Fans in Building 2 Installation of Odour Extraction Duct Work & Associated Accessories in Building 2 EM150315 Installation of Odour Extraction Duct Work & Associated Accessories in Building 2 26d 01-Aug-16 30-Aug-16 Installation of Odour Extraction Duct Work & Associated Accessories in AD Tan EM150320 Installation of Odour Extraction Duct Work & Associated Accessories in AD Tank Area 40d 18-Oct-16 02-Dec-16 Cable Tray Laying Works EM150350 Cable Tray Laying Works 23-Jan-17 Lcoal Control Panel / Switch Lcoal Control Panel / Switch 25d 23-Jan-17 EM150360 22-Dec-16 45d 31-Dec-16 25-Feb-17 Cabling Works Completion of E&M Installation of Centralized Air Pollution Control System 0d ◆ Completion of E&M Insta EM150450 25-Feb-17 ion of Centralized Air Pollution Cor 18-Oct-16 23-Nov-16 32d 18-Oct-16 23-Nov-16 64d Installation of Panels at CAPCS MCC Room Installation of Panels at CAPCS MCC Room EM150500 32d 18-Oct-16 23-Nov-16 Process Utilities (Compressed Air, Process Water, Process Clean Water) 18-Oct-16 18-Oct-16 18-Feb-17 EM210150 Installation of Compressed Air System 54d 25-Oct-16 28-Dec-16 Installation of Compressed Air System Air Compressor Installation in Building 1 Air Compressor Installation in Building 1 30d 25-Oct-16 Compressed Air Pipework (All Buildings) EM210170 Compressed Air Pipework (All Buildings) 45d 08-Nov-16 31-Dec-16 EM210200 25-Oct-16 Installation of Process Water System Process Water Pump Installation in Building 1 Pre-treatment Plant Process Water Pump Installation in Building 1 Pre-treatment Plant EM210210 20d 18-Oct-16 09-Nov-16 Process Water Pipework Installation (All Buildings) EM210220 Process Water Pipework Installation (All Buildings) 45d 10-Nov-16 04-Jan-17 Installation of Process Clean Water System EM210250 Installation of Process Clean Water System 30d 18-Oct-16 21-Nov-16 EM210260 Process Clean Water Pump Installation in Building 1 18-Oct-16 Process Clean Water Pump Installation in Building 1 Project:OWTF1\_v2.1 Activity Critical print: 20-May-16 16:59 Page 33 of 37 Ref.:WS-OSC-00-0-TM-0001G, Date: 20-May-2016 © Oracle Corporation ♦ Milestone Actual Work



**Environmental Protection Department** SUEZ TAL N ROSROCA **Contract Programme for the Design and** Contract No. EP/SP/61/10 of the HKSAR **Construction Works (v2.1) OSCAR Bioenergy Joint Venture** Organic Waste Treatment Facilities Phase 1 ov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Insturmentation, Control & Monitoring System (SCADA/PLC) EM190150 Insturmentation, Control & Monitoring System (SCADA/PLC) 85d 18-Oct-16 27-Jan-17 14-Nov-16 07-Jan-17 Cabling works (from Main LVSB to MCC) EM190220 Cabling works (from Main LVSB to MCC) Cables and Accessories, Cable Containment System EM19022B Cables and Accessories, Cable Containment System Installation 96d 30-Nov-16 28-Mar-17 Earthing and Lightning System Installation EM19023B Earthing and Lightning System Installation 210d 31-Aug-15 A 28-Dec-16 Emergency Genset Installation EM19024B Emergency Genset Installation 30d 13-Jan-17 20-Feb-17 Diesel Tank Installation EM19024D 02-Nov-16 Diesel Tank Pipework EM19024F Diesel Tank Pipework 30d 25-Nov-16 31-Dec-16 Equipment at Gate House Equipment at Gate House 12d 01-Nov-16 14-Nov-16 ELV System Installation ELV System Installation EM19030B 60d 18-Oct-16 28-Dec-16 121d 20-Apr-17 EM19020E Building Services and Management System 125d 15-Nov-16 20-Apr-17 Building Services and Management System EM19050B 13-Dec-16 09-Feb-17 Pipe Bridge (AD Link to Building 1 & 2) Footing EM19055B Pipe Bridge (AD Link to Building 1 & 2) Footing 15d 03-Sep-16 21-Sep-16 102d EM19065B Pipe Bridge (AD Link to Building 1 & 2) Structural Steelwork 22d 13-Sep-16 11-Oct-16 Pipe Bridge (AD Link to Building 1 & 2) Structural Steel EM19075B Pipe Bridge (AD Link to Building 1 & 2) Installations 45d 28-Sep-16 21-Nov-16 Pipe Bridge (AD Link to Building 1 & 2) Installation: EM200060 45d Lifting Applicances, Monorail 22-Oct-16 Moblie Plants 45d 04-Mar-17 Mobile Plants EM200100 09-Jan-17 nergisation of Switchboards 02-Feb-17 06-Mar-17 EN100050 Energisation of Switchboard (Main 11kV Switchboard room) 02-Feb-17 02-Feb-17 Energisation of 'Switchboard' (Main 11kV Switchboard room) EN100100 Energisation of Switchboard (Main LV Switchroom) 07-Feb-17 07-Feb-17 I Energisation of Switchboard (Main LV Switchroom) Energisation of MCC (Fdr Anaerobic Digestion System) EN100150 Energisation of MCC (For Anaerobic Digestion System) 12d 07-Feb-17 20-Feb-17 Energisation of MCC (For Waste Water Treatment System Energisation of MCC (For Waste Water Treatment System) 18d 07-Feb-17 27-Feb-17 EN100200 EN100250 Energisation of MCC (For Composting System) 24d 07-Feb-17 06-Mar-17 Energisation of MCC (For Composting System) Energisation of MCC (For Dewatering System) 24d 07-Feb-17 06-Mar-17 Energisation of MCC (For Dewatering System) EN100280 EN100300 Energisation of MCC (For Waste Receiving and Pre-Traetment System) 18d 07-Feb-17 27-Feb-17 Energisation of MCC (For Waste Receiving and Pre-Tra EN100350 Energisation of MCC (For Centralized Air Pollution System) 12d 07-Feb-17 20-Feb-17 Energisation of MCC (For Centralized Air Pollution System) Energisation of MCC (For Heat Recovery and Power General FN100400 Energisation of MCC (For Heat Recovery and Power Generation System) 12d 07-Feb-17 20-Feb-17 EN100450 Energisation of MCC (For Biogas Storage and Cleaning System) 12d 07-Feb-17 20-Feb-17 Energisation of MCC (For Biogas Storage and Cleaning Sys **TESTING AND COMMISSIONING** Site Acceptance Test (SAT) - incl. hydraulic testing & pipe pressure testing (with ER/IC Approval) 17-Jan-17 06-May-17 17-Jan-17 06-May-17 TC100100 SAT of Pretreatment System Line I 21-Feb-17 08-Mar-17 SAT of Pretreatment System Line TC100110 SAT of Pretreatment System Line II 13d 23-Mar-17 07-Apr-17 SAT of Pretreatment System Line I SAT of Compressed Air System SAT of Compressed Air System TC100120 14d 08-Feb-17 20-Jan-17 TC100150 SAT of Digestion System 16d 21-Feb-17 10-Mar-17 SAT of Digestion System SAT of Hot Water System SAT of Hot Water System TC100160 10d 09-Feb-17 20-Feb-17 TC100200 SAT of Heat Recovery and Power Generation System 10-Mar-17 10-Apr-17 SAT of Heat Recovery and Power G TC100210 SAT of CEMS 3d 21-Feb-17 23-Feb-17 SAT of CEMS SAT of Biogas Network System 08-Feb-17 SAT of Wastewater - Primary Treatment System TC100300 SAT of Wastewater - Primary Treatment System 6d 07-Feb-17 13-Feb-17 TC100310 SAT of Ammonia Stripper Plant 14-Mar-17 17-Mar-17 SAT of Ammonia Stripper Plant SAT of Process Water + Recycling 16d 07-Feb-17 SAT of Process Water + Recycling TC100320 17-Jan-17 SAT of Wastewater - Biological Treatment System SAT of Wastewater - Biological Treatment System TC100330 17d 18-Mar-17 07-Apr-17 SAT of Treated Effuent System TC100340 SAT of Treated Effuent System 2d 08-Apr-17 10-Apr-17 TC100345 SAT of FeCl3 Storage and Dosing System 15-Mar-17 SAT of FeCl3 Storage and Dosing System 09-Mar-17 SAT of NaOH Storage and Dosing System TC100346 SAT of NaOH Storage and Dosing System 24-Mar-17 8d 16-Mar-17 SAT of H2SO4 Storage and Dosing System TC100347 SAT of H2SO4 Storage and Dosing System 3d 29-Apr-17 SAT of NaOCI Storage and Dosing System TC100348 SAT of NaOCI Storage and Dosing System 3d 04-May-17 06-May-17 TC100350 SAT of Air Treatment Building 1 SAT of Air Treatment Building 1 SAT of Air Treatment Building 2 SAT of Air Treatment Building 2 7d 28-Apr-17 TC100360 21-Apr-17 Project:OWTF1\_v2.1 Activity Critical print: 20-May-16 16:59 Page 35 of 37 Ref.:WS-OSC-00-0-TM-0001G, Date: 20-May-2016 © Oracle Corporation 

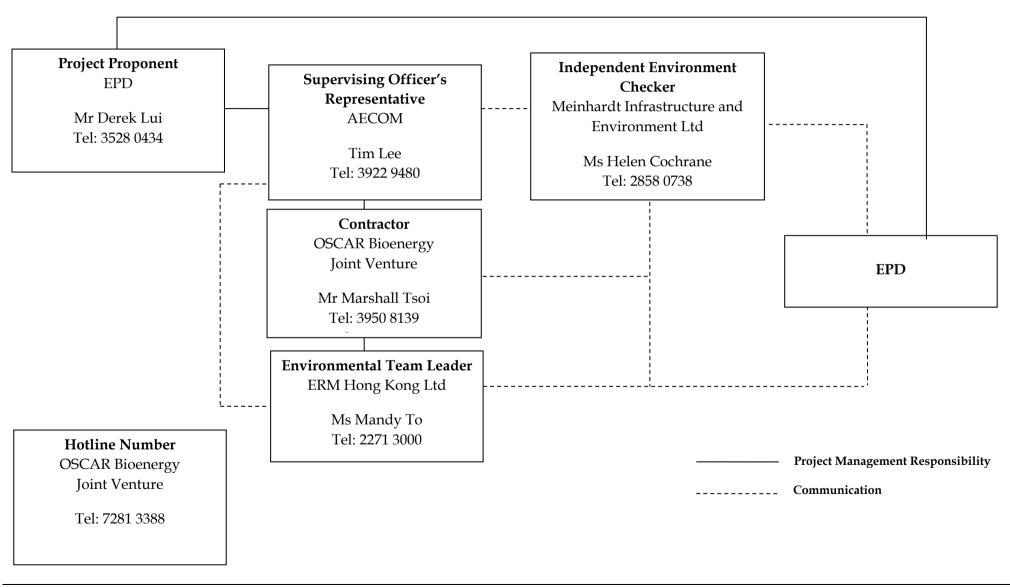
**Environmental Protection Department** SUEZ ATAL & RosRoca **Contract Programme for the Design and** Contract No. EP/SP/61/10 of the HKSAR **Construction Works (v2.1) OSCAR Bioenergy Joint Venture** Organic Waste Treatment Facilities Phase 1 Activity Name ov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec TC100370 SAT of Air Treatment Others SAT of Composting System TC100400 SAT of Composting System 24d 30-Mar-17 02-May-17 TC100410 SAT of Centrifugal System 13d 24-Feb-17 10-Mar-17 SAT of Centrifugal System SAT of Weighbridge System TC100450 SAT of Weighbridge System 2d 14-Feb-17 15-Feb-17 127d SAT of Vehicle Wash + Bunker Cleaning Syste 19-Apr-17 SAT of Building Services System (To Adsorption SAT of Building Services System (To Adsorption Chiller & Water System - Bldg.1 Loop) 14d 24-Apr-17 TC100470 04-Apr-17 issioning (24 hours, with ER/IC Approval) 08-Feb-17 10-May-17 10-May-17 08-Feb-17 General Systems TC110070 Compressed Air System - System Commissioning 09-Feb-17 10-Feb-17 I Compressed Air System - System Com TC110080 2d 21-Feb-17 22-Feb-17 I Hot Water System - System Commissioning Hot Water System - System Commissioning Process Water + Recycling - System Commissioning TC110090 Process Water + Recycling - System Commissioning 3d 08-Feb-17 10-Feb-17 132d Air Treatment Building 1 - System Commissioning TC110095 Air Treatment Building 1 - System Commissioning 21-Feb-17 23-Feb-17 ■ Pre-Treatment Line I - System Commissioning TC110100 Pre-Treatment Line I - System Commissioning 4d 09-Mar-17 12-Mar-17 TC110110 Pre-Treatment Line II - System Commissioning 11-Apr-17 ■ Pre-Treatment Line II - System Commissioning 08-Apr-17 I Digestion System - Preparation for Process Startup TC110150 Digestion System - Preparation for Process Startup 1d 11-Mar-17 11-Mar-17 Biogas Network System - System Commissioning TC110300 Biogas Network System - System Commissioning 10-Mar-17 10-Mar-17 TC110350 Biogas to Electricity - Cogen - Preparation for Process Startup 1d 11-Apr-17 11-Apr-17 I Biogas to Electricity - Cogen - Preparation for Proc Wastewater - Primary Treatment System - System Commissioning 14-Feb-17 17-Feb-17 ■ Wastewater - Primary Treatment System - System Commission TC110360 Wastewater Biological Treatment System - System C TC110500 Wastewater Biological Treatment System - System Commissioning 3d 08-Apr-17 10-Apr-17 105d Air Treatment Bullding 2 - System Commissioni TC110560 Air Treatment Building 2 - System Commissioning 29-Apr-17 01-May-17 Air Treatment Others - System Commissioning TC110570 Air Treatment Others - System Commissioning 4d 21-Apr-17 24-Apr-17 05-May-17 Composting System - Preparation for Process TC110600 Composting System - Preparation for Process Startup 3d 03-May-17 TC110700 Centrifugal System - Preparation for Process Startup 1d 11-Mar-17 11-Mar-17 Centrifugal System - Preparation for Process Startup TC110750 Weighbridge System - System Commissioning 16-Feb-17 16-Feb-17 I Weighbridge System - System Commissioning l Vehicle Washing + Buhker Cleaning - System TC110850 Vehicle Washing + Bunker Cleaning - System Commissioning 2d 07-May-17 08-May-17 Master Control System - SCADA/PLC System - System Commissioning I Master Control System - SCADA/PLC System 1d 09-May-17 TC110900 09-May-17 TC112200 Ammonia Stripper Plant - System Commissioning 3d 18-Mar-17 21-Mar-17 Ammonia Stripper Plant - System Commissioning TC112210 Building Services System (To Adsorption Chiller & Water System - Bldg.1 Loop) - System Commissioning 25-Apr-17 25-Apr-17 I Building Services System (To Adsorption Chiller & TC112220 CEMS - System Commissioning 3d 24-Feb-17 27-Feb-17 I CEMS - System Commissioning ■ FeCl3 Storage and Dosing System - System Commissi FeCl3 Storage and Dosing System - System Commissioning 18-Mar-17 TC112230 3d 16-Mar-17 TC112240 H2SO4 Storage and Dosing System - System Commissioning 3d 05-May-17 08-May-17 ■ H2SO4 Storage and Dosing System - System TC112260 NaOCI Storage and Dosing System - System Commissioning 3d 10-May-17 NaOCI Storage and Dosing System - System 08-May-17 TC112270 NaOH Storage and Dosing System - System Commissioning 4d 25-Mar-17 29-Mar-17 ■ NaOH Storage and Dosing System - System Commis TC112290 Treated Effuent System - System Commissioning 3d 13-Apr-17 ■ Treated Effuent System - System Commissioning 11-Apr-17 Process Startup, Process Commissioning & Plant Commissioing (with ER/IC Approval) 21-Apr-17 Process Start up (incl. 30 Days Stabilization) Digestor Seeding 08-Aug-17 41d ■ Heating System PS900050 21-Apr-17 25-Apr-17 PS900100 5d ■ Inertization of Anaerobic Digester No 1 21-Apr-17 25-Apr-17 Digester 1 (PRV + mixing 1 PS900150 Digester 1 (PRV + mixing 1&2 + heating 1) (Seeding + Ramp up + 30 days stabilization) 110d 21-Apr-17 08-Aug-17 AD 1 Full ♦ AD 1 Full PS900210 30-Apr-17 0d PS900260 Raw Process Water Production 20-May-17 ◆ Raw Process Water Production PS900310 Stripped Process Water Production ◆ Stripped Process Water Productio ♦ End of Ramp Up PS900360 End of Ramp Up 0d 14-Jul-17 PS900410 09-Jul-17 ♦ Bidgas td CHP Biogas to CHP 0d ◆ Plant Start-up Consent PS900460 Plant Start-up Consent 08-Aug-17 Digester 2 (&PRV) Digester 2 (&PRV 01-May-17 30-May-17 PS900660 AD2 Full Od 29-Jun-17 AD2 Full PS900750 Digester 3 (PRV + heating 3 + mixing 3) 30d 29-Jul-17 Digester 3 (PRV + heating 3 Process Startup 26-Apr-17 07-Aug-17 Start-Up of Pre-Treatment System Start-Up of Pre-Treatment System PS900420 15d 26-Apr-17 10-May-17 Start-Up of Dewatering System PS900450 Start-Up of Dewatering System 15d 21-May-17 04-Jun-17 Start-Up of Biogas to ELECTRICITY - CHP 15d Start-Up of Biogas to ELECTRI PS900470 10-Jul-17 24-Jul-17 Project:OWTF1\_v2.1 Activity Critical print: 20-May-16 16:59 Page 36 of 37 Ref.:WS-OSC-00-0-TM-0001G, Date: 20-May-2016 © Oracle Corporation ♦ Milestone Actual Work

**Environmental Protection Department** SUEZ ATAL & RosRoca **Contract Programme for the Design and** Contract No. EP/SP/61/10 of the HKSAR Construction Works (v2.1) OSCAR Bioenergy Joint Venture Organic Waste Treatment Facilities Phase 1 Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec PS900480 Start-Up of Biological Waste Water Plant Start-Up of CAPC\$ Start-Up of CAPCS 14d 23-Jun-17 PS900490 10-Jun-17 Start-Up of Composting Sys PS900500 Start-Up of Composting System 14d 15-Jul-17 28-Jul-17 Start-Up of Vehicle Wash Start-Up of Vehicle Wash 14d 28-Jul-17 PS900510 15-Jul-17 Start-Up of CEMS 25-Jul-17 07-Aug-17 Start-Up of CEMS 09-Aug-17 16-Sep-17 Plant Commissioning PS900900 Process & Plant Commissioning 09-Aug-17 16-Sep-17 Process & Plant Co Connection with the CLP Grid 0d 16-Sep-17 ◆ Connection with the PS900950 16-Sep-17 17-Sep-17 16-Sep-17 17-Sep-17 28d 16-Sep-17 17-Sep-17 28d 16-Sep-17\* 0d ◆ Completion of the D KD100360 Completion of the Design and the Works including Testing and Commissioning (Extended Completion Date: 18-Mar-17) ◆ Commencement of KD100380 Commencement of the Operation 17-Sep-17

# Annex D

# Project Organization Chart with Contact Details

#### Project Organization During Construction Phase (with contact details)



# Annex E

# Implementation Schedule of Mitigation Measures

# Annex E Summary of Mitigation Measures Implementation Schedule

EIA Ref.	EM&A	Environmental Protection Measures	<b>Location/ Timing</b>	Status
	Log Ref.			
Summary o	f Environment	al Mitigation Measures in the EIA and EM&A Manual		
	ir Quality			
υ.	,	Air Pollution Control (Construction Dust) Regulation & Good Site Practices  • Use of regular watering, with complete coverage, to reduce dust emissions from exposed site surfaces and unpaved roads, particularly during dry weather.  • Use of frequent watering for particularly dusty construction areas and areas close to ASRs.  • Side enclosure and covering of any aggregate or dusty material storage piles to reduce emissions. Where this is not practicable owing to frequent usage, watering should be applied to aggregate fines.  • Open stockpiles should be avoided or covered. Where possible, prevent placing dusty material storage piles near ASRs.  • Tarpaulin covering of all dusty vehicle loads transported to, from and between site locations.  • Establishment and use of vehicle wheel and body washing facilities at the exit points of the site.  • Provision of wind shield and dust extraction units or similar dust mitigation measures at the loading points, and use of water sprinklers at the loading area where dust generation is likely during the loading process of loose material, particularly in dry seasons/ periods.  • Imposition of speed controls for vehicles on unpaved site roads. 8 kilometers per hour is the recommended limit.  • Where possible, routing of vehicles and positioning of construction plant should be at the maximum possible distance from ASRs.  • Every stock of more than 20 bags of cement or dry pulverised fuel ash (PFA) should be covered entirely by impervious sheeting or placed in an area sheltered on the top and the 3 sides.  • Cement or dry PFA delivered in bulk should be stored in a closed silo fitted with an audible high level alarm which is interlocked with the material filling line and no overfilling is allowed.	Construction Site / During Construction Period	
		• Loading, unloading, transfer, handling or storage of bulk cement or dry PFA should be carried out in a totally enclosed system or facility, and any vent or exhaust should be fitted with an effective fabric filter or equivalent air pollution control system.		
В. Н	azard to Life		1	<u> </u>
4.102	3.3	<ul> <li><u>Construction Phase</u></li> <li>The number of workers on site during construction stage should be kept at the same level as</li> </ul>	Construction Site / During Construction Period	V

EIA Ref.	EM&A Log Ref.	<b>Environmental Protection Measures</b>	Location/ Timing	Status
		the assessment.  Construction works should be suspended when delivery of chlorine takes place.  The should be constructed along the boundary facing the SHWWTW.  Emergency evacuation procedures should be formulated and the Contractor should ensure all workers on site should be familiar with these procedures as well as the route to escape in case of gas release incident. Relevant Departments, such as Fire Services Department (FSD), should be consulted during the development of Emergency procedures. Diagram showing the escape routes to a safe place should be posted in the site notice boards and at the entrance/exit of site. A copy of the latest version emergency procedures should be dispatched to Tung Chung Fire Station for reference once available.  The emergency procedures should specify means of providing a rapid and direct warning (e.g. Siren and Flashing Light) to construction workers in the event of chlorine gas release in the SHWWTW.  The Contractor should establish a communication channel with the SHWWTW operation personnel and FSD during construction stage. In case of any hazardous incidents in the treatment works, operation personnel of SHWWTW should advise the Contractor to inform construction workers to proceed with emergency procedure. The Contractor should appoint a Liaison Officer to communicate with FSD Incident Commander on site in case of emergency.  Introduction training should be provided to any staff before carryout construction works at the Project site.  Periodic drills should be coordinated and conducted to ensure all construction personnel are familiar with the emergency procedures. Upon completion of the drills, a review on every step taken should be conducted to identify area of improvement. Prior notice of periodic drills should be given to Station Commander of Tung Chung Fire Station. Joint operational exercise with FSD and SHWWTW is recommended.		
C. W	Vater Quality 4.5	Construction site run-off and general construction activities:  The mitigation measures as outlined in the ProPECC PN 1/94 Construction Site Drainage should be adopted where applicable.	Construction Site / During Construction Period	<>
5.45	4.5	Excavation of Soil Materials  The construction programme should be properly planned to minimise soil excavation, if any, in rainy seasons. This prevents soil erosion from exposed soil surfaces. Any exposed soil surfaces should also be properly protected to minimise dust emission. In areas where a large amount of exposed soils exist, earth bunds or sand bags should be provided. Exposed stockpiles should be covered with tarpaulin or impervious sheets at all times. The stockpiles of	Construction Site / During Construction Period	<b>√</b>

EIA Ref. EM&A Log Ref.		Environmental Protection Measures	Location/ Timing	Status		
		materials should be placed at locations away from any stream courses so as to avoid releasing materials into the water bodies. Final surfaces of earthworks should be compacted and protected by permanent work.				
5.46	4.5	Accidental spillage of chemicals:  Contractor must register as a chemical waste producer if chemical wastes would be produced from the construction activities. The Waste Disposal Ordinance (Cap 354) and its subsidiary regulations in particular the Waste Disposal (Chemical Waste) (General) Regulation should be observed and complied with for control of chemical wastes.	Construction Site / During Construction Period	1		
5.47	4.5	Maintenance of vehicles and equipments involving activities with potential for leakage and spillage should only be undertaken within the areas which appropriately equipped to control these discharges.  Construction Site / During Construction Period				
5.48	4.5	Oils and fuels should only be used and stored in designated areas which have pollution prevention facilities. All fuel tanks and storage areas should be sited on sealed areas in order to prevent spillage of fuels and solvents to the nearby watercourses. All waste oils and fuels should be collected in designated tanks prior to disposal.	Construction Site / During Construction Period	<>		
5.49	4.5	Disposal of chemical wastes should be carried out in compliance with the Waste Disposal Ordinance. The Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes published under the Waste Disposal Ordinance details the requirements to deal with chemical wastes. General requirements are given as follows:  • Suitable containers should be used to hold the chemical wastes to avoid leakage or spillage during storage, handling and transport.  • Chemical waste containers should be suitably labeled, to notify and warn the personnel who are handling the wastes, to avoid accidents.  • Storage area should be selected at a safe location on site and adequate space should be allocated to the storage area.	Construction Site / During Construction Period	<>		
5.50		Construction solid waste, debris and rubbish on site should be collected, handled and disposed of properly to avoid entering to the nearby watercourses. Stockpiles of cement and other construction materials should be kept covered when not being used. Rubbish and litter from construction sites should also be collected to prevent spreading of rubbish and litter from the site area. It is recommended to clean the construction sites on a regular basis.	Construction Site / During Construction Period	√ ·		
5.51	4.5	Sewage Effluent	Work site/During the	√		

	4.5	The presence of construction workers generates sewage. It is recommended to provide sufficient chemical toilets in the works areas. The toilet facilities should be more than 30m from any watercourse. A licensed waste collector should be deployed to clean the chemical toilets on a regular basis.  Notices should be posted at conspicuous locations to remind the workers not to discharge any sewage or wastewater into the nearby environment during the construction phase of the project. Regular environmental audit on the construction site can provide an effective control of any malpractices and can achieve continual improvement of environmental performance on site.	construction period  Work Site / Du Construction Period	ıring	<b>√</b>
		sewage or wastewater into the nearby environment during the construction phase of the project. Regular environmental audit on the construction site can provide an effective control of any malpractices and can achieve continual improvement of environmental performance on	· ·	ıring	√
5.53 4.	4.5				
		Nullah Decking To minimize the potential water quality impacts from the nullah reconstruction works, the practices outlined below should be adopted where applicable:  • The proposed works should be carried out within the dry season between October and March when the flow in the open nullah is low.  • The use of less or smaller construction plants may be specified to reduce the disturbance to the nullah bed.  • Temporary storage of materials (e.g. equipment, filling materials, chemicals and fuel) and temporary stockpile of construction materials should be located well away from the nullah and any water courses during carrying out of the construction works.  • Stockpiling of construction materials and dusty materials should be covered and located away from the nullah any water courses.  • Construction debris and spoil should be covered up and/or disposed of as soon as possible to avoid being washed into the nullah and nearby water receivers.  • Construction activities, which generate large amount of wastewater, should be carried out in a distance away from the nullah, where practicable.  • Construction effluent, site run-off and sewage should be properly collected and/or treated.  • Any works site inside the nullah should be temporarily isolated, such as by placing of sandbags or silt curtains with lead edge at bottom and properly supported props to prevent adverse impact on the water quality.  • Proper shoring may need to be erected in order to prevent soil/mud from slipping into the nullah and nearby watercourse.  • Supervisory staff should be assigned to station	Work Site / Du Construction Period	rring	N/A
D 1471	to Marros	nut.			
	te Manageme 5.4	Good Site Practices	Work Site / Du	ıring	<>

EIA Ref.	EM&A Log Ref.	Environmental Protection Measures	Location/ Timing	Status
		Recommendations for good site practices during the construction phase would include:  Obtain relevant waste disposal permits from appropriate authorities, in accordance with the Waste Disposal Ordinance (Cap. 354) and subsidiary Regulations and the Land (Miscellaneous Provisions) Ordinance (Cap. 28);  Provide staff training for proper waste management and chemical handling procedures;  Provide sufficient waste disposal points and regular waste collection;  Provide appropriate measures to minimize windblown litter and dust during transportation of waste by either covering trucks or by transporting wastes in enclosed containers;  Carry out regular cleaning and maintenance programme for drainage systems, sumps and oil interceptors;  Separate chemical wastes for special handling and disposed of to licensed facility for treatment; and  Employ licensed waste collector to collect waste.	Construction Period	
6.42	5.5	Waste reduction Measures Waste reduction is best achieved at the planning and design stage, as well as by ensuring the implementation of good site practices. Recommendations to achieve waste reduction include:  • Design foundation works that could minimise the amount of excavated material to be generated;  • Provide training to workers on the importance of site cleanliness and appropriate waste management procedures, including waste reduction, reuse and recycling;  • Sort out demolition debris and excavated materials from demolition works to recover reusable/ recyclable portions (i.e. soil, broken concrete, metal etc.);  • Segregate and store different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of materials and their proper disposal;  • Encourage the collection of aluminium cans by providing separate labelled bins to enable this waste to be segregated from other general refuse generated by the workforce; and  • Plan and stock construction materials carefully to minimize the amount of waste to be generated and to avoid unnecessary generation of waste.	Work Site/During Design & Construction Period	
6.44	5.7	Excavated and C&D Materials  In order to minimise the impact resulting from collection and transportation of C&D material for off-site disposal, the excavated material arising from site formation and foundation works should be reused on-site as backfilling material and for landscaping works as far as practicable. Other mitigation requirements are listed below:  • A WMP, which becomes part of the Environmental Management Plan (EMP), should be	Work Site/During Design & Construction Period	<b>√</b>

EIA Ref.	EM&A Log Ref.	Environmental Protection Measures	Location/ Timing	Status
		prepared in accordance with ETWB TCW No.19/2005; • A recording system for the amount of wastes generated, recycled and disposed of (including the disposal sites) should be adopted for easy tracking; and • In order to monitor the disposal of excavated and C&D material at public filling facilities and landfills and to control fly-tipping, a trip-ticket system should be adopted (refer to ETWB TCW No. 31/2004).		
6.45 - 6.46	5.8 - 5.9	An EMP should be prepared and implemented in accordance with ETWB TCW No. 19/2005 which describes the arrangements for avoidance, reuse, recovery, recycling, storage, collection, treatment and disposal of different categories of waste to be generated from construction activities. The EMP should be submitted to the Supervising Officer (SO) and Supervising Officer's Representative (SOR) for approval. The EMP should be reviewed regularly and updated, preferably on a monthly basis.  A system should be devised to work for on-site sorting of excavated and C&D materials and promptly removing all sorted and process materials arising from the construction activities to minimize temporary stockpiling on-site. The system should be included in the EMP identifying the source of generation, estimated quantity, arrangement for on-site sorting, collection, temporary storage areas and frequency of collection by recycling Contractors or frequency of removal off-site.	Work Site/During Design & Construction Period	V
6.47	5.10	Chemical Waste Should chemical wastes be produced at the construction site, the Contractor would be required to register with EPD as a Chemical Waste Producer and to follow the guidelines stated in the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes. Good quality containers compatible with the chemical wastes should be used, and incompatible chemicals should be stored separately. Appropriate labels should be securely attached on each chemical waste container indicating the corresponding chemical characteristics of the chemical waste (such as explosive, flammable, oxidizing, irritant, toxic, harmful, or corrosive). The Contractor should employ a licensed collector to transport and dispose of the chemical wastes, to either the CWTC in Tsing Yi, or any other licensed facilities, in accordance with the Waste Disposal (Chemical Waste) General) Regulation.	Work Site / During Construction Period	<>
6.48	5.11	General Refuse General refuse should be stored in enclosed bins or compaction units separated from C&D material. A licensed waste collector should be employed by the contractor to remove general refuse from the site, separately from C&D material. Preferably an enclosed and covered area should be provided to reduce the occurrence of 'wind blown' light material.	Work Site / During Construction Period	√ 
	andscape and \			
7.99 &	Table 6.1	<u>Construction Phase</u>	Work site/During Design &	√

EIA Ref.	EM&A	Environmental Protection Measures	Location/ Timing	Status
	Log Ref.			
Table 7.7		Topsoil, where identified, should be stripped and stored for re-use in the construction of the	Construction Stages	
		soft landscape works, where practical		
		<ul> <li>Compensatory tree planting should be provided to compensate for felled trees.</li> </ul>		
		- Compensation tree species shall be chosen from both indigenous and ornamental species		
		- Compensatory tree planting quantities shall be as per DLO approved requirement.		
		Control of night-time lighting		
		Erection of decorative screen hoarding compatible with the surrounding setting		
F. No	oise	<u></u>		
8.25	7.3	Good Site Practice:	Work site/During Design &	
		Only well-maintained plant should be operated on-site and plant should be serviced	Construction Stages	
		regularly during the construction program;		
		• Mobile plant, if any, should be sited as far from noise sensitive receivers (NSRs) as possible;		
		Machines and plant (such as trucks) that may be in intermittent use should be shut down		
		between work periods or should be throttled down to a minimum;		
		• Plant known to emit noise strongly in one direction should, wherever possible, be orientated		
		so that the noise is directed away from the nearby NSRs; and		
		• Material stockpiles and other structures should be effectively utilized, wherever practicable,		
		in screening noise from on-site construction activities.		

#### Remark:

- Compliance of Mitigation Measures Compliance of Mitigation but need improvement <>
- Non-compliance of Mitigation Measures X
- Non-compliance of Mitigation Measures but rectified by OSCAR Bioenergy JV
- Deficiency of Mitigation Measures but rectified by OSCAR Bioenergy JV Δ
- N/A Not Applicable in Reporting Period

# Annex F

# Waste Flow Table

# No. EP/SP/61/10 of Organic Waste Treatment Facilities Phase I Monthly Summary Waste Flow Table

				<i>y</i>	ary vvaste 110						
	Actual Quantities of Inert C&D Materials Generated						Actual Quantities of Non-inert C&D Materials (Construction Waste) Generated				
Month	Total Quantity Generated	Reused in the Contract	Reused in other Projects	Hard Rocks & Large Broken Concrete	Disposed as Public Fill	Metals (see Note 1)	Paper/ cardboard packaging (see Note 1)	Plastics (see Note 2)	Chemical Waste	Others, e.g. general refuse (see Note 3)	
	tonne	tonne	tonne	tonne	tonne	kilogram	kilogram	kilogram	Litre	tonne	
May 2015	29.58	0.00	0.00	0.00	29.58	0.00	0.00	0.00	0.00	0.00	
June 2015	2226.90	0.00	0.00	0.00	2226.90	0.00	0.00	0.00	0.00	9.66	
July 2015	2832.27	0.00	0.00	0.00	2832.27	0.00	0.00	0.00	0.00	33.68	
August 2015	6657.25	0.00	0.00	0.00	6657.25	0.00	20.00	0.00	0.00	55.06	
September 2015	5467.05	0.00	0.00	0.00	5467.05	3480.00	0.00	0.00	0.00	83.81	
October 2015	5419.04	0.00	0.00	0.00	5419.04	18710.00	0.00	0.00	0.00	20.45	
November 2015	1375.26	0.00	0.00	0.00	1375.26	21610.00	0.00	0.00	0.00	17.38	
December 2015	2199.56	75.28	0.00	0.00	2124.28	0.00	41.00	0.00	0.00	21.83	
January 2016	4601.43	0.00	0.00	0.00	4601.43	18140.00	50.00	0.00	640.00	20.86	
February 2016	4166.42	0.00	0.00	0.00	4166.42	510.00	79.00	0.00	0.00	16.57	
March 2016	299.92	41.28	0.00	0.00	258.64	22320.00	75.00	0.00	0.00	22.69	
April 2016	3186.37	98.37	0.00	0.00	3088.00	60690.00	77.00	0.00	255.00	37.63	
May 2016	1612.33	63.41	0.00	0.00	1548.92	13490.00	0.00	0.00	0.00	40.76	
Total	40073.38	278.34	0.00	0.00	39795.04	158950.00	342.00	0.00	895.00	380.38	

Notes:

- (1) Metal and paper/cardboard packaging were collected by recycler for recycling.
- (2) Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging material collected by recycler for recycling.
- (3) General refuse was disposed of at NENT by subcontractors.

# Annex G

Environmental Complaint, Environmental Summons and Persecution Log

Annex G Cumulative Complaint and Summons/Prosecutions Log

Reporting Month	Number of Complaints in Reporting Month	Number of Summons/Prosecutions in Reporting Month
May 2015	0	0
June 2015	0	0
July 2015	0	0
August 2015	0	0
September 2015	0	0
October 2015	0	0
November 2015	0	0
December 2015	0	0
January 2016	0	0
February 2016	0	0
March 2016	0	0
April 2016	0	0
May 2016	0	0
Overall Total	0	0