

Annex C

Construction Programme of the Project

#	Activity ID	Activity Name	BL Project Duration	BL Project Start	BL Project Finish	Remaining Duration	Start	Finish	Activity % Complete	Total Float	Variance - BL Project Finish	2015												2016												2017											
												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
1	Contract No. EP/SP/61/10 - The Design & Construction Works																																														
2	LETTER OF ACCEPTANCE																																														
3																																															
4																																															
5																																															
6	KD100200	LETTER OF ACCEPTANCE	1d	19-Nov-14	19-Nov-14	0d	19-Nov-14	19-Nov-14	100%		0d	LETTER OF ACCEPTANCE																																			
7	MAJOR MILESTONES																																														
8	MC1 Milestones for Preliminaries and General Requirements																																														
9																																															
10																																															
11	MC110100	MC1.1 - Substantial Completion of ER & IC Accommodation	0d	17-Dec-14	16-Dec-15	0d	16-Jan-15 A	11-Nov-15 A	100%		-43d	MC1.1 - Substantial Completion of ER & IC Accommodation																																			
12	MC110200	MC1.2 - Joint signing of IC Agreement	0d	17-Dec-14	16-Dec-15	0d	16-Jan-15 A	11-Nov-15 A	100%		-19d	MC1.2 - Joint signing of IC Agreement																																			
13	MC110300	MC1.3 - Employer's consent granted on draft Contractor's Plans	0d	17-Dec-14	16-Dec-15	0d	16-Jan-15 A	11-Nov-15 A	100%		25d	MC1.3 - Employer's consent granted on draft Contractor's Plans																																			
14	MC2 Milestones for Design of the Works																																														
15	MC2.1 The Employer's consent granted on Detailed Design Submission																																														
16																																															
17	MC210100	MC2.1.1 - Employer's consent granted in respect of Detailed Design of Waste Receiving & Pre-treatment System	0d	20-Jul-15	23-Feb-16	105d	28-Oct-15 A	30-Sep-16	100%		-181d	MC2.1.1 - Employer's consent granted in respect of Detailed Design of Waste Receiving & Pre-treatment System																																			
18	MC210200	MC2.1.2 - Employer's consent granted in respect of Detailed Design of Anaerobic Digestion Treatment System	0d	20-Jul-15	23-Feb-16	105d	28-Oct-15 A	30-Sep-16	100%		-62d	MC2.1.2 - Employer's consent granted in respect of Detailed Design of Anaerobic Digestion Treatment System																																			
19	MC210300	MC2.1.3 - Employer's consent granted in respect of Detailed Design of Biogas treatment & CHP Generation System	0d	20-Jul-15	23-Feb-16	105d	28-Oct-15 A	30-Sep-16	100%		-209d	MC2.1.3 - Employer's consent granted in respect of Detailed Design of Biogas treatment & CHP Generation System																																			
20	MC210400	MC2.1.4 - Employer's consent granted in respect of Detailed Design of Composting System	0d	20-Jul-15	23-Feb-16	105d	28-Oct-15 A	30-Sep-16	100%		-30d	MC2.1.4 - Employer's consent granted in respect of Detailed Design of Composting System																																			
21	MC210500	MC2.1.5 - Employer's consent granted in respect of Detailed Design of CAPCS & WWTS	0d	20-Jul-15	23-Feb-16	105d	28-Oct-15 A	30-Sep-16	100%		-35d	MC2.1.5 - Employer's consent granted in respect of Detailed Design of CAPCS & WWTS																																			
22	MC210600	MC2.1.6 - Employer's consent granted in respect of Detail Design of control & instrumentation works	0d	23-Feb-16	23-Feb-16	0d	30-Sep-16	30-Sep-16	0%	-36d	-346d	MC2.1.6 - Employer's consent granted in respect of Detail Design of control & instrumentation works																																			
23	MC210700	MC2.1.7 - Employer's consent granted in respect of building services & electrical works	0d	23-Feb-16	23-Feb-16	0d	30-Sep-16	30-Sep-16	0%	-170d	-327d	MC2.1.7 - Employer's consent granted in respect of building services & electrical works																																			
24	MC210800	MC2.1.8 - Employer's consent granted in respect of Detailed Design of civil, structural & geotechnical works	0d	23-Feb-16	23-Feb-16	0d	30-Sep-16	30-Sep-16	0%	29d	-159d	MC2.1.8 - Employer's consent granted in respect of Detailed Design of civil, structural & geotechnical works																																			
25	MC210900	MC2.1.9 - Employer's consent granted in respect of Detailed Design of architectural & landscape works	0d	23-Feb-16	23-Feb-16	0d	30-Sep-16	30-Sep-16	0%	73d	-197d	MC2.1.9 - Employer's consent granted in respect of Detailed Design of architectural & landscape works																																			
26	MC2.2 Completion of the Design of the Works																																														
27																																															
28	MC220100	MC2.2 - Completion of the Design of the Works	0d	23-Feb-16	23-Feb-16	0d	30-Sep-16	30-Sep-16	0%	-32d	-220d	MC2.2 - Completion of the Design of the Works																																			
29	MC3 Milestones for Construction of the Works																																														
30	MC3.1 Construction of Civil and Structural Works																																														
31																																															
32	MC310100	MC3.1.1 - Completion of site formation	0d	06-Jul-15	08-Dec-16	115d	22-Jul-15 A	10-Mar-17	100%		-73d	MC3.1.1 - Completion of site formation																																			
33	MC310200	MC3.1.2 - Completion of 50% of piling works	0d	06-Jul-15	08-Dec-16	115d	22-Jul-15 A	10-Mar-17	100%		-14d	MC3.1.2 - Completion of 50% of piling works																																			
34	MC310300	MC3.1.3 - Completion of 100% of piling works	0d	06-Jul-15	08-Dec-16	115d	22-Jul-15 A	10-Mar-17	100%		0d	MC3.1.3 - Completion of 100% of piling works																																			
35	MC310400	MC3.1.4 - Completion of 50% of superstructure works	0d	06-Jul-15	08-Dec-16	115d	22-Jul-15 A	10-Mar-17	100%		-56d	MC3.1.4 - Completion of 50% of superstructure works																																			
36	MC310500	MC3.1.5 - Completion of 80% of superstructure works	0d	06-Jul-15	08-Dec-16	115d	22-Jul-15 A	10-Mar-17	0%	-80d	-203d	MC3.1.5 - Completion of 80% of superstructure works																																			
37	MC310600	MC3.1.6 - Completion of 100% of superstructure works	0d	06-Jul-15	08-Dec-16	115d	22-Jul-15 A	10-Mar-17	0%	-58d	-190d	MC3.1.6 - Completion of 100% of superstructure works																																			
38	MC310700	MC3.1.7 - Completion of 100% of drainage, road and geotechnical works	0d	06-Jul-15	08-Dec-16	115d	22-Jul-15 A	10-Mar-17	0%	7d	-73d	MC3.1.7 - Completion of 100% of drainage, road and geotechnical works																																			
39	MC3.2 Delivery of Materials and Equipment to the Site																																														
40																																															
41	MC320100	MC3.2.1 - Completion of Delivery of Pre-treatment System	125d	26-Jan-16	02-Jul-16	58d	21-Sep-16	30-Nov-16	0%	256d	-126d	MC3.2.1 - Completion of Delivery of Pre-treatment System																																			
42	MC320200	MC3.2.2 - Completion of Delivery of Anaerobic Digesters	0d	26-Jan-16	02-Jul-16	58d	21-Sep-16	30-Nov-16	0%	214d	-210d	MC3.2.2 - Completion of Delivery of Anaerobic Digesters																																			
43	MC320300	MC3.2.3 - Completion of Delivery of Combined Heat and Power Units	0d	26-Jan-16	02-Jul-16	58d	21-Sep-16	30-Nov-16	0%	-58d	-97d	MC3.2.3 - Completion of Delivery of Combined Heat and Power Units																																			
44	MC320400	MC3.2.4 - Completion of Delivery of Composting Tunnels	0d	26-Jan-16	02-Jul-16	58d	21-Sep-16	30-Nov-16	0%	216d	-129d	MC3.2.4 - Completion of Delivery of Composting Tunnels																																			
45	MC320500	MC3.2.5 - Completion of Delivery of Centralized Air Pollution Control System	0d	26-Jan-16	02-Jul-16	58d	21-Sep-16	30-Nov-16	0%	-68d	-177d	MC3.2.5 - Completion of Delivery of Centralized Air Pollution Control System																																			
46	MC320600	MC3.2.6 - Completion of Delivery of Wastewater Treatment System	0d	26-Jan-16	02-Jul-16	58d	21-Sep-16	30-Nov-16	0%	-40d	-124d	MC3.2.6 - Completion of Delivery of Wastewater Treatment System																																			
47	MC3.3 Equipment and System Installations																																														
48																																															
49	MC330100	MC3.3.1 - Completion of Waste Receiving, Storage and Feeding System & Pre-treatment System	134d	22-Jun-16	30-Nov-16	86d	31-Dec-16	20-Apr-17	0%	-77d	-111d	MC3.3.1 - Completion of Waste Receiving, Storage and Feeding System & Pre-treatment System																																			
50	MC330200	MC3.3.2 - Completion of Anaerobic Digestion Treatment System	0d	22-Jun-16	30-Nov-16	86d	31-Dec-16	20-Apr-17	0%	-76d	-155d	MC3.3.2 - Completion of Anaerobic Digestion Treatment System																																			
51	MC330300	MC3.3.3 - Completion of Biogas Cleaning and Storage System	0d	22-Jun-16	30-Nov-16	86d	31-Dec-16	20-Apr-17	0%	1d	-52d	MC3.3.3 - Completion of Biogas Cleaning and Storage System																																			
52	MC330400	MC3.3.4 - Completion of Heat Recovery and Power Generation System	0d	22-Jun-16	30-Nov-16	86d	31-Dec-16	20-Apr-17	0%	-5d	-36d	MC3.3.4 - Completion of Heat Recovery and Power Generation System																																			
53	MC330500	MC3.3.5 - Completion of Composting System	0d	22-Jun-16	30-Nov-16	86d	31-Dec-16	20-Apr-17	0%	-34d	-80d	MC3.3.5 - Completion of Composting System																																			
54	MC330600	MC3.3.6 - Completion of Centralized Air Pollution Control System	0d	22-Jun-16	30-Nov-16	86d	31-Dec-16	20-Apr-17	0%	-59d	-129d	MC3.3.6 - Completion of Centralized Air Pollution Control System																																			
55	MC330700	MC3.3.7 - Completion of Wastewater Treatment System	0d	22-Jun-16	30-Nov-16	86d	31-Dec-16	20-Apr-17	0%	-92d	-159d	MC3.3.7 - Completion of Wastewater Treatment System																																			
56	MC330800	MC3.3.8 - Completion of control and instrumentation works	0d	22-Jun-16	30-Nov-16	86d	31-Dec-16	20-Apr-17	0%	-81d	-110d	MC3.3.8 - Completion of control and instrumentation works																																			
57	MC330900	MC3.3.9 - Completion of building services works & electrical works	0d	22-Jun-16	30-Nov-16	86d	31-Dec-16	20-Apr-17	0%	-87d	-162d	MC3.3.9 - Completion of building services works & electrical works																																			
58	MC3.4 Architectural and Landscape works																																														
59																																															

