

Annex C

Construction Programme of the Project

#	Activity Name	BL Project Duration	BL Project Start	BL Project Finish	Remaining Duration	Start	Finish	% Complete	Variance - BL Project Finish Date	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 - v1.4, Progress updated on 17Dec16	688d	20-Nov-14	17-Mar-17	220d	20-Nov-14 A	17-Sep-17		-149d																																				
2	Preliminary and Site Establishment	217d	20-Nov-14	15-Aug-15	0d	20-Nov-14 A	19-Oct-16 A		-349d																																				
3	Preliminary and Site Establishment	217d	20-Nov-14	15-Aug-15	0d	20-Nov-14 A	19-Oct-16 A	100%	-349d																																				
4	Design	372d	20-Nov-14	23-Feb-16	74d	20-Nov-14 A	21-Mar-17		-319d																																				
5	Design Criteria and Design Preparation	80d	20-Nov-14	27-Feb-15	0d	20-Nov-14 A	01-Sep-15 A	100%	-151d																																				
6	Detailed Design Submission (DDS) - General, Civil, ABWF and Landscape	289d	19-Dec-14	23-Feb-16	60d	18-Dec-14 A	17-Mar-17	99.23%	-265d																																				
7	Detailed Design Submission (DDS) - Building 1	151d	21-Apr-15	25-Nov-15	0d	13-Apr-15 A	27-Jul-16 A	100%	-164d																																				
8	Detailed Design Submission (DDS) - Building 2	158d	12-Mar-15	30-Oct-15	0d	12-Mar-15 A	07-Apr-16 A	100%	-106d																																				
9	Detailed Design Submission (DDS) - Building 3	103d	03-Jun-15	29-Oct-15	0d	20-Jul-15 A	30-Mar-16 A	100%	-102d																																				
10	Detailed Design Submission (DDS) - Auxiliary Buildings & Facilities	177d	10-Feb-15	29-Oct-15	0d	11-Feb-15 A	08-Aug-16 A	100%	-191d																																				
11	Detailed Design Submission (DDS) - E&M and BS	216d	18-Dec-14	04-Nov-15	62d	18-Dec-14 A	21-Mar-17	98.83%	-341d																																				
12	Procurement	507d	12-Feb-15	02-Jul-16	193d	01-Mar-15 A	28-Jun-17		-361d																																				
13	Procurement, Manufacturing, F.A.T., Shipment & Delivery of E&M Systems Equipment	507d	12-Feb-15	02-Jul-16	193d	01-Mar-15 A	28-Jun-17	86.11%	-361d																																				
14	Construction	489d	13-May-15	31-Dec-16	203d	04-May-15 A	28-Aug-17		-193d																																				
15	Construction of Building #1 (Waste Receiving, Pre-treatment & Administration)	178d	19-Aug-15	23-Mar-16	92d	02-Sep-15 A	12-Apr-17	95.2%	-312d																																				
16	Construction of Building #2 (Composting & Maturation, and Link Bridge)	262d	23-May-15	11-Apr-16	21d	16-Jun-15 A	14-Jan-17	91.56%	-229d																																				
17	Construction of Building #3 (Energy Centre)	87d	30-Oct-15	15-Feb-16	0d	24-Mar-16 A	24-Oct-16 A	100%	-205d																																				
18	Construction of Auxiliary Buildings & Facilities (Area 3)	263d	13-May-15	31-Mar-16	127d	04-May-15 A	29-May-17	91.29%	-343d																																				
19	ABWF, Finishing and Fitting-out Works to Building #1, #2, #3 and Auxiliary Buildings & Facilities	303d	23-Dec-15	31-Dec-16	156d	21-Mar-16 A	04-Jul-17	28.16%	-146d																																				
20	External, Boundary Wall, Landscaping and Roadworks	383d	17-Sep-15	31-Dec-16	203d	13-Nov-15 A	28-Aug-17	52.09%	-193d																																				
21	Statutory and Utilities Works	148d	04-Mar-16	06-Oct-16	155d	02-Nov-16 A	03-Jul-17	0%	-216d																																				
22	E&M and Building Services Installation	229d	04-Feb-16	12-Nov-16	139d	11-May-16 A	13-Jun-17		-169d																																				
23	E&M Installation - Mechanical	164d	04-Feb-16	25-Aug-16	124d	11-May-16 A	25-May-17	39.53%	-219d																																				
24	E&M Installation - Piping	144d	24-May-16	12-Nov-16	133d	28-Nov-16 A	06-Jun-17	0.67%	-163d																																				
25	E&M Installation - Electrical, Instrumentation & Control	181d	02-Apr-16	08-Nov-16	139d	28-Sep-16 A	13-Jun-17	5.69%	-173d																																				
26	Building Services Installation	125d	18-Apr-16	14-Sep-16	110d	24-Jun-16 A	09-May-17	10.96%	-188d																																				
27	Energisation of Switchboards / MCC	1d	28-Jul-16	28-Jul-16	39d	25-Feb-17	12-Apr-17	0%	-211d																																				
28	Testing & Commissioning and Completion	232d	29-Jul-16	17-Mar-17	194d	07-Mar-17	17-Sep-17		-183d																																				
29	Pre-Commissioning	144d	29-Jul-16	19-Jan-17	136d	07-Mar-17	20-Jul-17	0%	-182d																																				
30	Process Commissioning, Performance & Acceptance Testing	119d	22-Oct-16	16-Mar-17	149d	21-Apr-17	16-Sep-17	0%	-184d																																				
31	Completion of the Design and the Works including Testing and Commissioning (Extended Completion Date: 5-Jun-17)	0d		16-Mar-17	0d		16-Sep-17*	0%	-184d																																				
32	Commencement of the Operation	0d	17-Mar-17		0d	17-Sep-17*		0%	-183d																																				