

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 Data	2015												2016												2017											
										Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
1	Contract No. EP/SP/61/10 - v1.4, Progress updated on 17Jan17***	688d	20-Nov-14	17-Mar-17	258d	20-Nov-14 A	01-Dec-17		-210d																																				
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	96d	20-Nov-14 A	19-May-17		-364d																																				
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	81d	18-Dec-14 A	19-May-17	99.41%	-305d																																				
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) - Auxilliary 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	59d	18-Dec-14 A	13-Apr-17	99.38%	-357d																																				
12	Procurement	507d	12-Feb-15	02-Jul-16	162d	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	162d	01-Mar-15 A	28-Jun-17	90.73%	-361d																																				
14	Construction	489d	13-May-15	31-Dec-16	204d	04-May-15 A	25-Sep-17		-217d																																				
15	Construction of Building #1 (Waste Receiving, Pre-treatment & Administration)	178d	19-Aug-15	23-Mar-16	93d	02-Sep-15 A	16-May-17	96.25%	-336d																																				
16	Construction of Building #2 (Composting & Maturation, and Link Bridge)	262d	23-May-15	11-Apr-16	19d	16-Jun-15 A	11-Feb-17	98.5%	-250d																																				
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 Auxilliary Buildings & Facilities	263d	13-May-15	31-Mar-16	87d	04-May-15 A	09-May-17	91.77%	-326d																																				
19	ABWF, Finishing and Fitting-out Works to Building #1, #2, #3 and Auxilliary Buildings & Facilities	303d	23-Dec-15	31-Dec-16	183d	21-Mar-16 A	31-Aug-17	32.94%	-196d																																				
20	External, Boundary Wall, Landscaping and Roadworks	383d	17-Sep-15	31-Dec-16	204d	13-Nov-15 A	25-Sep-17	58.47%	-217d																																				
21	Statutory and Utilities Works	148d	04-Mar-16	06-Oct-16	182d	02-Nov-16 A	30-Aug-17	30.34%	-266d																																				
22	E&M and Building Services Installation	229d	04-Feb-16	12-Nov-16	159d	11-May-16 A	03-Aug-17		-212d																																				
23	E&M Installation - Mechanical	164d	04-Feb-16	25-Aug-16	118d	11-May-16 A	15-Jun-17	43.61%	-236d																																				
24	E&M Installation - Piping	144d	24-May-16	12-Nov-16	120d	28-Nov-16 A	17-Jun-17	1.39%	-173d																																				
25	E&M Installation - Electrical, Instrumentation & Control	181d	02-Apr-16	08-Nov-16	144d	28-Sep-16 A	17-Jul-17	7.94%	-201d																																				
26	Building Services Installation	125d	18-Apr-16	14-Sep-16	159d	24-Jun-16 A	03-Aug-17	11.88%	-260d																																				
27	Energisation of Switchboards / MCC with SAT	1d	28-Jul-16	28-Jul-16	76d	02-Feb-17	08-May-17	0%	-228d																																				
28	Testing & Commissioning and Completion	232d	29-Jul-16	17-Mar-17	213d	02-May-17	01-Dec-17		-258d																																				
29	Pre-Commissioning	144d	29-Jul-16	19-Jan-17	77d	02-May-17	17-Jul-17	0%	-179d																																				
30	Process Commissioning, Performance & Acceptance Testing	119d	22-Oct-16	16-Mar-17	179d	05-Jun-17	30-Nov-17	0%	-259d																																				
31	Completion of the Design and the Works including Testing and Commissioning (Extended Completion Date: 9-Jun-17 noon)	0d		16-Mar-17	0d		30-Nov-17*	0%	-259d																																				
32	Commencement of the Operation	0d	17-Mar-17		0d	01-Dec-17*		0%	-258d																																				