

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	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 17Mar17 ***	688d	20-Nov-14	17-Mar-17	210d	20-Nov-14 A	01-Dec-17		-210d																																				
2	Preliminary and Site Establishment	200d	20-Nov-14	27-Jul-15	0d	20-Nov-14 A	19-Oct-16 A		-366d																																				
3	Preliminary and Site Establishment	200d	20-Nov-14	27-Jul-15	0d	20-Nov-14 A	19-Oct-16 A	100%	-366d																																				
4	Design	308d	20-Nov-14	03-Dec-15	60d	20-Nov-14 A	05-Jun-17		-441d																																				
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	236d	19-Dec-14	03-Dec-15	49d	18-Dec-14 A	02-Jun-17	99.55%	-367d																																				
7	Detailed Design Submission (DDS) - Building 1	0d			0d	13-Apr-15 A	27-Jul-16 A	100%																																					
8	Detailed Design Submission (DDS) - Building 2	0d			0d	12-Mar-15 A	07-Apr-16 A	100%																																					
9	Detailed Design Submission (DDS) - Building 3	0d			0d	20-Jul-15 A	30-Mar-16 A	100%																																					
10	Detailed Design Submission (DDS) - Auxiliary Buildings & Facilities	0d			0d	11-Feb-15 A	08-Aug-16 A	100%																																					
11	Detailed Design Submission (DDS) - E&M and BS	216d	18-Dec-14	04-Nov-15	50d	18-Dec-14 A	05-Jun-17	99.63%	-389d																																				
12	Procurement	507d	12-Feb-15	02-Jul-16	146d	01-Mar-15 A	10-Aug-17		-404d																																				
13	Procurement, Manufacturing, F.A.T., Shipment & Delivery of E&M Systems Equipment	507d	12-Feb-15	02-Jul-16	146d	01-Mar-15 A	10-Aug-17	93.05%	-404d																																				
14	Construction	489d	13-May-15	31-Dec-16	199d	04-May-15 A	17-Nov-17		-260d																																				
15	Construction of Building #1 (Waste Receiving, Pre-treatment & Administration)	178d	19-Aug-15	23-Mar-16	81d	02-Sep-15 A	28-Jun-17	98.89%	-372d																																				
16	Construction of Building #2 (Composting & Maturation, and Link Bridge)	262d	23-May-15	11-Apr-16	6d	16-Jun-15 A	24-Mar-17	87.13%	-285d																																				
17	Construction of Building #3 (Energy Centre)	0d			0d	24-Mar-16 A	24-Oct-16 A	100%																																					
18	Construction of Auxiliary Buildings & Facilities	263d	13-May-15	31-Mar-16	38d	04-May-15 A	08-May-17	93.33%	-325d																																				
19	ABWF, Finishing and Fitting-out Works to Building #1, #2, #3 and Auxiliary Buildings & Facilities	303d	23-Dec-15	31-Dec-16	181d	21-Mar-16 A	26-Oct-17	51.56%	-242d																																				
20	Sitewide, Boundary Wall, Landscaping and Roadworks	396d	02-Sep-15	31-Dec-16	199d	13-Nov-15 A	17-Nov-17	66.94%	-260d																																				
21	Statutory and Utilities Works	148d	04-Mar-16	06-Oct-16	176d	02-Nov-16 A	20-Oct-17	42.32%	-308d																																				
22	E&M and Building Services Installation	244d	04-Feb-16	30-Nov-16	128d	11-May-16 A	23-Aug-17		-214d																																				
23	E&M Installation - Mechanical	244d	04-Feb-16	30-Nov-16	117d	11-May-16 A	10-Aug-17	55.5%	-203d																																				
24	E&M Installation - Piping	0d			105d	28-Nov-16 A	27-Jul-17	10.84%																																					
25	E&M Installation - Electrical, Instrumentation & Control	0d			119d	28-Sep-16 A	12-Aug-17	24.41%																																					
26	Building Services Installation	0d			128d	24-Jun-16 A	23-Aug-17	29.65%																																					
27	Energisation of Switchboards / MCC with SAT	1d	28-Jul-16	28-Jul-16	59d	02-Feb-17 A	02-Jun-17	36.36%	-249d																																				
28	Testing & Commissioning and Completion	232d	29-Jul-16	17-Mar-17	188d	27-May-17	01-Dec-17		-258d																																				
29	Pre-Commissioning	189d	29-Jul-16	16-Mar-17	88d	27-May-17	22-Aug-17	0%	-159d																																				
30	Process Commissioning, Performance & Acceptance Testing	0d			113d	10-Aug-17	30-Nov-17	0%																																					
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																																				