

Annex C

Construction Programme of the Project

| # | Activity ID | Activity Name | BL Project Duration | BL Project Start | BL Project Finish | Remaining Duration | Start | Finish | % Complete | Variance - BL Project Finish Date | 2015 | | | | | | | | | | | | 2016 | | | | | | | | | | | | 2017 | | | | | | | | | | | | 2018 | | | | | | | | | | | | |
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| | | | | | | | | | | | N | D | J | F | M | A | M | J | Jul | A | S | O | N | D | J | F | M | A | M | J | Jul | A | S | O | N | D | J | F | M | A | M | J | Jul | A | S | O | N | D | J | F | M | A | M | J | Jul | | | | |
| 1 | Contract No. EP/SP/61/10 - v1.4, Progress updated on 17Oct17 *** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Preliminary and Site Establishment | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | ESum110 | Preliminary and Site Establishment | 217 | 20-Nov-14 | 15-Aug-15 | 0 | 20-Nov-14 A | 19-Oct-16 A | 100% | -349 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | ESum120 | Design Criteria and Design Preparation | 80 | 20-Nov-14 | 27-Feb-15 | 0 | 20-Nov-14 A | 01-Sep-15 A | 100% | -151 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | ESum130 | Detailed Design Submission (DDS) - General, Civil, ABWF and Landscape | 289 | 19-Dec-14 | 23-Feb-16 | 28 | 18-Dec-14 A | 24-Nov-17 | 99.93% | -437 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | ESum132 | Detailed Design Submission (DDS) - Building 1 | 151 | 21-Apr-15 | 25-Nov-15 | 0 | 13-Apr-15 A | 27-Jul-16 A | 100% | -164 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | ESum134 | Detailed Design Submission (DDS) - Building 2 | 158 | 12-Mar-15 | 30-Oct-15 | 0 | 12-Mar-15 A | 07-Apr-16 A | 100% | -106 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | ESum136 | Detailed Design Submission (DDS) - Building 3 | 103 | 03-Jun-15 | 29-Oct-15 | 0 | 20-Jul-15 A | 30-Mar-16 A | 100% | -102 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | ESum138 | Detailed Design Submission (DDS) - Auxilliary Buildings & Facilities | 177 | 10-Feb-15 | 29-Oct-15 | 0 | 11-Feb-15 A | 08-Aug-16 A | 100% | -191 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | ESum140 | Detailed Design Submission (DDS) - E&M and BS | 216 | 18-Dec-14 | 04-Nov-15 | 33 | 18-Dec-14 A | 01-Dec-17 | 99.85% | -516 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | ESum150 | Procurement, Manufacturing, F.A.T., Shipment & Delivery of E&M Systems Equipment | 507 | 12-Feb-15 | 02-Jul-16 | 84 | 01-Mar-15 A | 09-Jan-18 | 99.65% | -556 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | ESum160 | Construction of Building #1 (Waste Receiving, Pre-treatment & Administration) | 178 | 19-Aug-15 | 23-Mar-16 | 0 | 02-Sep-15 A | 06-Sep-17 A | 100% | -431 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | ESum170 | Construction of Building #2 (Composting & Maturation, and Link Bridge) | 262 | 23-May-15 | 11-Apr-16 | 0 | 16-Jun-15 A | 24-Mar-17 A | 100% | -285 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | ESum175 | Construction of Building #3 (Energy Centre) | 87 | 30-Oct-15 | 15-Feb-16 | 0 | 24-Mar-16 A | 24-Oct-16 A | 100% | -205 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | ESum180 | Construction of Auxilliary Buildings & Facilities | 263 | 13-May-15 | 31-Mar-16 | 0 | 04-May-15 A | 02-Sep-17 A | 100% | -424 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | ESum190 | ABWF, Finishing and Fitting-out Works to Building #1, #2, #3 and Auxilliary Buildings & Facilities (excl. EEC) | 259 | 23-Dec-15 | 08-Nov-16 | 50 | 21-Mar-16 A | 15-Dec-17 | 81.11% | -328 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | ESum200 | Sitewide, Boundary Wall and Roadworks | 326 | 02-Sep-15 | 07-Oct-16 | 57 | 13-Nov-15 A | 23-Dec-17 | 87.17% | -361 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | ESum210 | Statutory and Utilities Works (excl. Lifting Platform) | 148 | 04-Mar-16 | 06-Oct-16 | 55 | 02-Nov-16 A | 21-Dec-17 | 84.34% | -360 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | ESum215 | Green Roof and Landscaping | 129 | 29-Jul-16 | 31-Dec-16 | 54 | 07-Dec-17 | 10-Feb-18 | 0% | -330 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | E&M and Building Services Installation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | ESum220 | E&M Installation - Mechanical | 164 | 04-Feb-16 | 25-Aug-16 | 93 | 11-May-16 A | 07-Feb-18 | 93.21% | -432 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | ESum222 | E&M Installation - Piping | 144 | 24-May-16 | 12-Nov-16 | 23 | 28-Nov-16 A | 14-Nov-17 | 96.5% | -297 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | ESum224 | E&M Installation - Electrical, Instrumentation & Control | 181 | 02-Apr-16 | 08-Nov-16 | 73 | 28-Sep-16 A | 15-Jan-18 | 93.29% | -351 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | ESum226 | Building Services Installation (excl. EEC) | 125 | 18-Apr-16 | 14-Sep-16 | 113 | 24-Jun-16 A | 06-Mar-18 | 79.36% | -435 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | ESum230 | Energisation of Switchboards / MCC with SAT | 1 | 28-Jul-16 | 28-Jul-16 | 0 | 02-Feb-17 A | 26-May-17 A | 100% | -244 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | Testing & Commissioning and Completion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | ESum240 | Pre-Commissioning | 144 | 29-Jul-16 | 19-Jan-17 | 121 | 24-Apr-17 A | 15-Feb-18 | 3.74% | -392 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | ESum250 | Process Commissioning, Performance & Acceptance Testing | 119 | 22-Oct-16 | 16-Mar-17 | 168 | 10-Jan-18 | 26-Jun-18 | 0% | -467 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | KD100360 | Completion of the Design and the Works including Testing and Commissioning (Extended Completion Date: 10-Jun-2017 noon) | 0 | | 16-Mar-17 | 0 | | 26-Jun-18* | 0% | -467 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | KD100380 | Commencement of the Operation | 0 | 17-Mar-17 | | 0 | 27-Jun-18* | | 0% | -466 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |