

Appendix A Master Programme

Activity ID	Activity Name	Original Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Current Start	Current Finish	Late Start	Late Finish	Total Float	M39 Remarks	2021				
														Mar 40	Apr 41	May 42	Jun 43	
EP_SP_66_12-WP-6-M40 Programme for Design and Construction Works WP6-M40																		
EP_SP_66_12-WP-6-M40.01 Key Dates																		
EP_SP_66_12-WP-6-M40.01.1 Contractual Key Dates																		
EP_SP_66_12-WP-6-M40.01.1.1 Design and Construction Phase																		
01-1000	Contract Award/Date of Acceptance of Tender	0	0	100%	100%	0	Mandatory Start	22-Nov-17 A										
01-1010	Date of Commencement of the Design and the Works	0	0	100%	100%	0	Mandatory Start	15-Dec-17 A										
01-1015(3)(M12)	Original Substantial Completion of the Works	0	0	0%	0%	0	Mandatory Finish		27-Jul-24*		27-Jul-24	0						
01-1020	Extended Substantial Completion of The Works	0	0	0%	0%	0	Mandatory Finish		21-May-25*		21-May-25	0						
EP_SP_66_12-WP-6-M40.01.1.3 Extension of Time Granted																		
01-1015-1(3)(M12)	Extension of time granted (Claim No.1 to No.53) *Claim No.9 excluded	298	298	0%	0%	298		27-Jul-24	21-May-25	27-Jul-24	21-May-25	0						
01-1060	Issuance of FS Certificate	0	0	0%	0%	0	Finish On or Befc		29-Oct-24*		29-Oct-24	0						
EP_SP_66_12-WP-6-M40.01.2 Operation Phase																		
01-1030	Commencement of Operation	0	0	0%	0%	0	Start On or Before	22-May-25*		22-May-25		0						
01-1230	Issue Certificate of Completion of the Works (56 days after Substantial Completion)	0	0	0%	0%	0	Finish On or Befc		16-Jul-25*		16-Jul-25	0						
EP_SP_66_12-WP-6-M40.01.2 Planned Completion Dates																		
01-1030(5a)	Grid Connection Agreement (GCA)	0	0	0%	0%	0	As Late As Poss		18-Jan-24		19-Feb-24	32						
01-1040	Incoming Power Energization to IWMF Substation	0	0	0%	0%	0			16-Jul-24		17-Aug-24	32						
01-1050	Export Power to Grid	0	0	0%	0%	0			15-Aug-24		27-Dec-24	134						
01-1070	Completion of Civil Provision for Transmission	0	0	0%	0%	0			21-Dec-22		20-Mar-23	89						
01-1080	Commencement of C1.3.4.11 System Commissioning Test	0	0	0%	0%	0		01-Sep-24		01-Sep-24		0						
01-1090	Completion of C1.3.4.11 System Commission Test	0	0	0%	0%	0	Finish On or Befc		08-Nov-24*		08-Nov-24	0						
01-1100	Completion of 90 Days Plant Commissioning Test	0	0	0%	0%	0			21-May-25		21-May-25	0						
01-1110(3)(M15)	Issue of Certificate of Substantial Completion for the Works	0	0	0%	0%	0	Finish On or Befc		16-Jul-25*		16-Jul-25	0						
01-1110-1(5a)	Completion of 180 Days for Installation, T&C of CCTV System and Onshore Power Syst	0	0	0%	0%	0	Finish On or Befc		17-Nov-25*		17-Nov-25	0						
01-1110-2(5a)	Replacement of Onshore Cranes within 2 yrs at Portion 2	0	0	0%	0%	0	Finish On or Befc		21-May-27*		21-May-27	0						
EP_SP_66_12-WP-6-M40.01.3 Dates of Site Possessions																		
01-1120	Possession of Portion 1	0	0	100%	100%	0			15-Dec-17 A									
01-1130	Possession of Portion 1A	0	0	100%	100%	0			15-Dec-17 A									
01-1140	Possession of Portion 1B	0	0	100%	100%	0			15-Dec-17 A									
01-1150	Possession of Portion 2	0	0	0%	0%	0		22-May-25		22-May-25		0						
01-1160	Possession of Portion 3	0	0	0%	0%	0	As Late As Poss		24-Mar-22		30-Mar-22	6						
01-1170	Possession of Portion 4	0	0	0%	0%	0	As Late As Poss		24-Mar-22		30-Mar-22	6						
01-1180	Possession of Portion 5	0	0	0%	0%	0	As Late As Poss		24-Mar-22		30-Mar-22	6						
01-1190	Possession of Portion 6	0	0	0%	0%	0	As Late As Poss	13-Jun-24		13-Jun-24		0						
01-1200	Possession of Portion 7	0	0	100%	100%	0	Finish On or Befc		05-Jan-18 A									
01-1210	Possession of Portion 7A	0	0	100%	100%	0	Finish On or Befc		07-Dec-18 A									
01-1210(5a)	Possession of Portion 8	0	0	100%	100%	0	Start On	29-Apr-20 A										
EP_SP_66_12-WP-6-M40.02 Contract Preliminaries																		
EP_SP_66_12-WP-6-M40.02.3 Erection of Concrete Batching Plant on Artificial Island																		
02-1080	Erection of Concrete Batching Plant	60	60	0%	0%	60	As Late As Poss	31-Mar-21	29-May-21	03-May-21	01-Jul-21	33			31-Mar-21		29-May-21, Erection of Co	
02-1090	Commissioning of Concrete Batching Plant	30	30	0%	0%	30	As Late As Poss	30-May-21	28-Jun-21	02-Jul-21	31-Jul-21	33				30-May-21		
02-1100	Operatoin of Concrete Batching Plant	849	849	0%	0%	849		29-Jun-21	25-Oct-23	25-Nov-21	22-Mar-24	149					29-Jun-21	
EP_SP_66_12-WP-6-M40.03 Licence/Permit Applications																		
EP_SP_66_12-WP-6-M40.03.1 License/Permit for Construction																		
03-1090	EPD APCO (SP) License for Concrete Batching Plant	120	120	0%	0%	120		31-Mar-21	28-Jul-21	24-Nov-23	22-Mar-24	968			31-Mar-21			
03-1360(2)	CNP for 24Hrs	182	2120	0%	0%	1513		02-Aug-19 A	21-May-25	31-Mar-23	21-May-27	730						
03-1370_1(M34)	Landscape and Visual Plan	180	180	0%	0%	180		31-Mar-21	26-Sep-21	06-Aug-21	01-Feb-22	128			31-Mar-21			
EP_SP_66_12-WP-6-M40.03.4 Fire Services Installations (FSI) Certificate																		
EP_SP_66_12-WP-6-M40.03.4.3 Fire Engineering Report																		
05-3000	Perparation and Submission of Fire Engineering Report to FSD	550	774	90.36%	96.36%	20		10-Apr-19 A	22-May-21	19-Apr-21	22-May-21	0						
05-4450	Approval of Fire Engineering Report by FSD	14	14	0%	0%	14		09-May-21	22-May-21	09-May-21	22-May-21	0				09-May-21	22-May-21, Approval of Fire Eng	
EP_SP_66_12-WP-6-M40.03.4.1 Fire Services Installations Certificate Inspection																		
03-1555(5a)	General Building Plans and FSI Provision Design Submission to FSD	90	90	0%	0%	90		23-May-21	20-Aug-21	23-May-21	20-Aug-21	0					23-May-21	
EP_SP_66_12-WP-6-M40.03.5 Air Pollution Control (Specified Processes) License																		
03-1730(3)	Early Engagement With EPD SP Licensing Department for Information exchange	600	1021	67.33%	67.33%	196		27-Dec-18 A	12-Oct-21	31-Mar-21	12-Oct-21	0						
EP_SP_66_12-WP-6-M40.04 General Submissions																		
EP_SP_66_12-WP-6-M40.04.1 Contractor's Plans Submission and Approval																		
04-1100(1)	Technical Resources Plan (TRP)	240	1474	0%	30%	276		19-Dec-17 A	31-Dec-21	18-Jan-23	20-Oct-23	658						
04-1200(1)	Works Plan (WP)	90	1475	0%	30%	276		18-Dec-17 A	31-Dec-21	18-Jan-23	20-Oct-23	658						
04-1400(1)	Operation Plan (OP)	240	1229	87.5%	87.5%	30	Finish On or Befc	18-Dec-17 A	29-Apr-21*	01-Apr-21	30-Apr-21	1				29-Apr-21*	Operation Plan (OP), Operation Plan (Op	
04-1450(1)	Asset Management Plan (AMP)	120	120	0%	0%	120	Start On or Before	31-Mar-21*	28-Jul-21	21-Nov-21	20-Mar-22	235			31-Mar-21*			
04-1500(1)	Handback Plan (HP)	120	120	0%	0%	120	Start On or Before	31-Mar-21*	28-Jul-21	21-Nov-21	20-Mar-22	235			31-Mar-21*			
EP_SP_66_12-WP-6-M40.04.1.1 Provisional Assessment (PA)																		
04-1500(1)10	Preliminary Assessment	180	180	0%	0%	180		31-Mar-21	26-Sep-21	23-Nov-24	21-May-25	1333			31-Mar-21			
EP_SP_66_12-WP-6-M40.05 Design Submissions																		

3-Month Rolling Programme (March 2021)

- Remaining Work
- Actual Work
- Critical Remaining Work
- Milestone
- Actual Milestone
- Critical Milestone

Activity ID	Activity Name	Original Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Current Start	Current Finish	Late Start	Late Finish	Total Float	M39 Remarks	2021			
														Mar 40	Apr 41	May 42	Jun 43
EP_SP_66_12-WP-6-M40.05.01 AIP Design Package Submissions																	
EP_SP_66_12-WP-6-M40.05.01.01 AIP Process and Layout Design (2.1)																	
EP_SP_66_12-WP-6-M40.05.01.01.2 MSW treatment process design for mechanical treatment (2.1.02)																	
05-1090	Mechanical Treatment Plant	105	251	0%	5%	105		05-Nov-20 A	13-Jul-21	10-Apr-22	23-Jul-22	375					
EP_SP_66_12-WP-6-M40.05.01.01.6 Site Master Layout Plan and Plant Layout (2.1.06)																	
05-3020	Site Master Layout Plan and Plant Layout	60	1105	40%	65%	36		27-Apr-18 A	05-May-21	12-Apr-21	17-May-21	12					
EP_SP_66_12-WP-6-M40.05.01.01.7 Statutory Fire Compliance (2.1.25)																	
05-2990	Fire Safety Compliance	30	785	0%	0%	64		10-Apr-19 A	02-Jun-21	18-Jun-21	20-Aug-21	79					
EP_SP_66_12-WP-6-M40.05.01.02 AIP Ground Treatment, Reclamation, Seawall, Breakwater, Berth (2.2)																	
05-1280	Draft plan of 2D/3D modelling works for seawall and breakwater design (2.2.05)	135	1078	88.89%	80%	15	Start On	03-May-18 A	12-Aug-21	24-Apr-21	20-Apr-22	251					
05-2960-1(M37)	Mooring Dolphins	135	135	0%	0%	135		31-Mar-21	12-Aug-21	07-Dec-21	20-Apr-22	251		31-Mar-21			
05-2970	Onshore crane Facility (2.2.11)	135	135	0%	0%	135	Start On or After	31-Mar-21*	12-Aug-21	09-May-21	20-Sep-21	39		31-Mar-21*			
05-2980	Onshore vessel power supply system (2.2.12)	135	253	77.78%	77.78%	30		20-Aug-20 A	29-Apr-21	24-Apr-21	23-May-21	24					
EP_SP_66_12-WP-6-M40.05.01.03 AIP Incineration Plant Buildings (2.3)																	
EP_SP_66_12-WP-6-M40.05.01.03.1 General Layout Drawings and Fire Safety Strategy (2.3.00)																	
05-1210	Process Building	135	921	91.85%	5%	11	Start On or After	03-Oct-18 A	10-Apr-21	30-Apr-21	10-May-21	30					
05-1220	ACC Equipment Structure	135	209	77.78%	77.78%	30		03-Oct-20 A	29-Apr-21	24-Jul-21	28-Sep-21	115					
05-1250	Chimney and viewing platform	135	135	0%	0%	135		31-Mar-21	12-Aug-21	31-May-21	12-Oct-21	61		31-Mar-21			
EP_SP_66_12-WP-6-M40.05.01.03.2 Foundation design (2.3.01)																	
05-3030	Process Building Waste Burker, Tipping Hall, Basin Area and Workshop	43	275	0%	5%	43	Start On or After	11-Aug-20 A	12-May-21	12-Jul-21	23-Aug-21	103					
05-3040	ACC Equipment Structure	43	275	0%	0%	43	Start On or After	11-Aug-20 A	12-May-21	28-Sep-21	09-Nov-21	181					
05-3070	Chimney and viewing platform	135	135	0%	0%	135		31-Mar-21	12-Aug-21	14-Oct-21	25-Feb-22	197		31-Mar-21			
05-3090	Reception Pavilion	135	135	0%	0%	135	Start On or After	31-Mar-21*	12-Aug-21	11-Apr-22	23-Aug-22	376		31-Mar-21*			
EP_SP_66_12-WP-6-M40.05.01.03.3 Structural design (2.3.02)																	
05-1300	ACC Equipment Structure	98	59	100%	0%	0	Start On or After	23-Jul-19 A	20-Sep-19 A								
05-1330	Chimney and viewing platform	167	805	19.16%	5%	135	Start On or After	31-May-19 A	12-Aug-21	14-Jun-22	26-Oct-22	440					
EP_SP_66_12-WP-6-M40.05.01.03.6 Fire services installation design (2.3.05)																	
EP_SP_66_12-WP-6-M40.05.01.03.6.1 Process Building (2.3.05.01)																	
05-1510	Fire Systems	105	886	89.15%	5%	75		10-Jan-19 A	13-Jun-21	01-May-21	20-Aug-21	68					
05-1520	Fire engineering	60	60	0%	0%	60		31-Mar-21	29-May-21	22-Jun-21	20-Aug-21	83		31-Mar-21			
05-1530	FS schematics	105	818	93.33%	5%	7		10-Jan-19 A	06-Apr-21	01-May-21	07-May-21	31					
EP_SP_66_12-WP-6-M40.05.01.03.6.3 Turbin Hall Building (2.3.05.03)																	
05-5400	Fire Systems (2.3.05.03.01)	105	899	28.57%	5%	75		28-Dec-18 A	13-Jun-21	07-Jun-21	20-Aug-21	68					
05-5410 (M22)	Fire engineering	60	60	0%	0%	60		31-Mar-21	29-May-21	22-Jun-21	20-Aug-21	83		31-Mar-21			
05-5420 (M22)	FS schematics (2.3.05.03.03)	105	839	85.71%	5%	15		28-Dec-18 A	14-Apr-21	23-Apr-21	07-May-21	23					
EP_SP_66_12-WP-6-M40.05.01.03.6.5 Elevated Drive Way and Associated Structures (2.3.05.05)																	
05-5445 (M22)	Fire Systems	180	546	58.33%	5%	75		16-Dec-19 A	13-Jun-21	07-Jun-21	20-Aug-21	68					
05-5450 (M22)	FS schematics	180	486	91.67%	5%	15		16-Dec-19 A	14-Apr-21	23-Apr-21	07-May-21	23					
EP_SP_66_12-WP-6-M40.05.01.03.6.6 Reception Pavilion (2.3.05.06)																	
05-5460 (M22)	Fire Systems (2.3.05.06.01)	270	619	72.22%	5%	75		04-Oct-19 A	13-Jun-21	23-Apr-21	20-Aug-21	68					
05-5470 (M22)	FS schematics (2.3.05.06.03)	270	559	94.44%	5%	15		04-Oct-19 A	14-Apr-21	23-Apr-21	07-May-21	23					
EP_SP_66_12-WP-6-M40.05.01.03.6.7 Compressor & Closed Circuit (2.3.05.07)																	
05-5480 (M22)	Fire Systems (2.3.05.07.01)	140	642	46.43%	25%	75		11-Sep-19 A	13-Jun-21	07-Jun-21	20-Aug-21	68					
05-5490 (M22)	FS schematics (2.3.05.07.03)	140	582	89.29%	25%	15		11-Sep-19 A	14-Apr-21	23-Apr-21	07-May-21	23					
EP_SP_66_12-WP-6-M40.05.01.03.7 Building services design (excluding fire services installation desi																	
05-1550	Electrical Services and Lighting	150	856	70%	5%	45	Start On or After	10-Jan-19 A	14-May-21	27-Apr-21	10-Jun-21	27					
05-1560	MVAC (6 Packages)	105	876	38.1%	38.1%	65	Start On or After	10-Jan-19 A	03-Jun-21	06-Jun-21	09-Aug-21	67					
05-1570	Odour Control	135	1064	48.15%	5%	70	Start On or After	11-Jul-18 A	08-Jun-21	01-Jun-21	09-Aug-21	62					
05-1580	Plumbing (7 Packages)	210	816	95.24%	65%	10	Start On or After	15-Jan-19 A	09-Apr-21	02-May-21	11-May-21	32					
05-1590	Drainage (7 Packages)	210	816	95.24%	25%	10	Start On or After	15-Jan-19 A	09-Apr-21	02-May-21	11-May-21	32					
05-1600	ELV (7 Packages)	135	846	74.07%	65%	35	Start On or After	10-Jan-19 A	04-May-21	21-Jul-21	24-Aug-21	112					
05-1610	Lifts and Escalators (2 Packages)	135	503	65.93%	5%	46	Start On or After	30-Dec-19 A	15-May-21	26-Apr-21	10-Jun-21	26					
05-1630	Building Management System (BMS) (7 Packages)	135	249	33.33%	5%	90	Start On or After	23-Oct-20 A	28-Jun-21	18-Sep-21	16-Dec-21	171					
05-1770	Vehicle & Container Wash System	105	105	0%	0%	105	Start On or After	31-Mar-21*	13-Jul-21	02-Apr-21	15-Jul-21	2		31-Mar-21*			
05-1770-1(M20)	Water Cannon System	135	659	100%	5%	0	Start On or After	11-Jun-19 A	31-Mar-21	30-Mar-21	30-Mar-21	0					
05-1770-2 (5a)	Process CCTV System	105	105	0%	0%	105		31-Mar-21	13-Jul-21	02-Apr-21	15-Jul-21	2		31-Mar-21			
EP_SP_66_12-WP-6-M40.05.01.04 AIP Mechanical Treatment Plant Building (2.4)																	
05-1640	Architectural Design (2.4.00)	105	996	42.86%	65%	60		07-Sep-18 A	29-May-21	11-Mar-22	09-May-22	345					
05-1650	Foundation design (2.4.01)	105	738	0%	5%	105	Start On or After	07-Jul-19 A	13-Jul-21	19-Dec-21	02-Apr-22	263					
05-1660	Structural design (2.4.02)	457	785	77.02%	5%	105	Start On or After	21-May-19 A	13-Jul-21	10-May-22	22-Aug-22	405					
05-1670	Electrical and instrumentation works design (2.4.03)	105	105	0%	0%	105		31-Mar-21	13-Jul-21	05-May-21	17-Aug-21	35		31-Mar-21			
05-1680	Mechanical works design (2.4.04)	105	105	0%	0%	105		31-Mar-21	13-Jul-21	20-May-21	01-Sep-21	50		31-Mar-21			
05-1690	Fire services installation design (2.4.05) (3 Packages)	105	777	66.67%	0%	35	Start On or After	20-Mar-19 A	04-May-21	03-Apr-21	07-May-21	3					
EP_SP_66_12-WP-6-M40.05.01.04.7 Building services design (excluding fire services installation desi																	
05-1700	LV and Emergency Power Distribution Design	17	759	0%	5%	17	Start On or After	20-Mar-19 A	16-Apr-21	25-May-21	10-Jun-21	55					
05-1710	MVAC	135	812	44.44%	5%	75	Start On or After	25-Mar-19 A	13-Jun-21	27-May-21	09-Aug-21	57					
05-1720	Odour Control	75	75	0%	0%	75	Start On or After	31-Mar-21*	13-Jun-21	27-May-21	09-Aug-21	57		31-Mar-21*			
05-1730	Plumbing	135	817	44.44%	5%	75	Start On or After	20-Mar-19 A	13-Jun-21	12-May-21	25-Jul-21	42					

3-Month Rolling Programme (March 2021)

■ Remaining Work ◆ Actual Milestone
■ Actual Work ◆ Critical Milestone
■ Critical Remaining Work
◆ Milestone

Integrated Waste Management Facilities, Phase 1

Activity ID	Activity Name	Original Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Current Start	Current Finish	Late Start	Late Finish	Total Float	M39 Remarks	2021			
														Mar 40	Apr 41	May 42	Jun 43
05-1740	Drainage	135	800	57.04%	5%	58	Start On or After	20-Mar-19 A	27-May-21	29-May-21	25-Jul-21	59					
05-1750	ELV	135	877	0%	0%	135	Start On or After	20-Mar-19 A	12-Aug-21	12-Apr-21	24-Aug-21	12					
05-1760	Lifts	135	562	22.22%	0%	105	Start On or After	30-Dec-19 A	13-Jul-21	22-Apr-21	04-Aug-21	22					
05-1760-1(M20)	Building Management System (BMS)	135	135	0%	0%	135		31-Mar-21	12-Aug-21	21-May-21	02-Oct-21	51					
EP_SP_66_12-WP-6-M40.05.01.05 AIP Wastewater Treatment Plant (2.5)																	
05-1780	Architectural Design (2.5.00)	135	970	55.56%	65%	60	Start On or After	03-Oct-18 A	29-May-21	18-May-21	16-Jul-21	48					
05-2790	Fire services installation design (2.5.05)	105	835	71.43%	5%	30		16-Jan-19 A	29-Apr-21	08-Apr-21	07-May-21	8					
EP_SP_66_12-WP-6-M40.05.01.05.7 Building services design (excluding fire services installation desi																	
05-1830	LV and Emergency Power Distribution Design (2.5.06.01)	135	835	77.78%	25%	30	Start On or After	16-Jan-19 A	29-Apr-21	12-May-21	10-Jun-21	42					
05-1840	MVAC (2.5.06.02)	135	880	44.44%	25%	75	Start On or After	16-Jan-19 A	13-Jun-21	11-Jun-21	24-Aug-21	72					
05-1850	Odour Control (2.5.06.03)	105	105	0%	0%	105	Start On or After	31-Mar-21*	13-Jul-21	27-Apr-21	09-Aug-21	27					
05-1860	Plumbing (2.5.06.04)	135	865	55.56%	25%	60	Start On or After	16-Jan-19 A	29-May-21	27-May-21	25-Jul-21	57					
05-1870	Drainage (2.5.06.05)	135	815	92.59%	25%	10	Start On or After	16-Jan-19 A	09-Apr-21	02-May-21	11-May-21	32					
05-1880	ELV (2.5.06.06)	135	881	43.7%	25%	76	Start On or After	16-Jan-19 A	14-Jun-21	10-Jun-21	24-Aug-21	71					
EP_SP_66_12-WP-6-M40.05.01.06 AIP Water Treatment Plant Building (2.6)																	
05-1900	Architectural Design (2.6.00)	105	996	42.86%	65%	60	Start On or After	07-Sep-18 A	29-May-21	10-Jan-22	10-Mar-22	285					
05-1950	Fire services installation design (2.6.05) (3 Packages)	105	767	76.19%	76.19%	25		20-Mar-19 A	24-Apr-21	13-Apr-21	07-May-21	13					
EP_SP_66_12-WP-6-M40.05.01.06.7 Building services design (excluding fire services installation desi																	
05-1960	Electrical Services and Lighting (2.6.06.01)	135	817	44.44%	5%	75	Start On or After	20-Mar-19 A	13-Jun-21	11-Jun-21	24-Aug-21	72					
05-1970	MVAC	135	812	44.44%	5%	75	Start On or After	25-Mar-19 A	13-Jun-21	27-May-21	09-Aug-21	57					
05-1990	Plumbing	135	817	44.44%	5%	75	Start On or After	20-Mar-19 A	13-Jun-21	12-May-21	25-Jul-21	42					
05-2000	Drainage	135	800	57.04%	5%	58	Start On or After	20-Mar-19 A	27-May-21	29-May-21	25-Jul-21	59					
05-2010	ELV	135	877	0%	5%	135	Start On or After	20-Mar-19 A	12-Aug-21	12-Apr-21	24-Aug-21	12					
EP_SP_66_12-WP-6-M40.05.01.07 AIP Administration Building (2.7)																	
05-2020	Architectural Design (2.7.00)	135	1031	55.56%	65%	60	Start On or After	03-Aug-18 A	29-May-21	12-Jan-22	12-Mar-22	287					
05-2040	Structural design (2.7.02)	135	746	0%	65%	135	Start On or After	29-Jul-19 A	12-Aug-21	16-Oct-22	27-Feb-23	564					
05-2050	Electrical and instrumentation works design (2.7.03)	105	105	0%	0%	105		31-Mar-21	13-Jul-21	05-Apr-21	18-Jul-21	5					
05-2060	Fire services installation design (3 Packages) (2.7.04)	135	610	74.07%	74.07%	35	Start On or After	03-Sep-19 A	04-May-21	03-Apr-21	07-May-21	3					
EP_SP_66_12-WP-6-M40.05.01.07.6 Building services design (excluding fire services installation desi																	
05-2070	Electrical Services and Lighting (2.7.05.01)	135	650	44.44%	5%	75	Start On or After	03-Sep-19 A	13-Jun-21	11-Jun-21	24-Aug-21	72					
05-2080	MVAC	135	650	44.44%	5%	75	Start On or After	03-Sep-19 A	13-Jun-21	27-May-21	09-Aug-21	57					
05-2100	Plumbing	135	585	92.59%	5%	10	Start On or After	03-Sep-19 A	09-Apr-21	02-May-21	11-May-21	32					
05-2110	Drainage	135	633	57.04%	5%	58	Start On or After	03-Sep-19 A	27-May-21	29-May-21	25-Jul-21	59					
05-2120	ELV	135	651	43.7%	5%	76	Start On or After	03-Sep-19 A	14-Jun-21	10-Jun-21	24-Aug-21	71					
05-2130	Lifts and Escalators	135	532	44.44%	5%	75	Start On or After	30-Dec-19 A	13-Jun-21	17-Apr-21	30-Jun-21	17					
05-2130-1(M20)	Building Management System (BMS)	135	135	0%	0%	135	Start On or After	31-Mar-21*	12-Aug-21	04-Aug-21	16-Dec-21	126					
EP_SP_66_12-WP-6-M40.05.01.08 AIP IWMF Substation (2.8)																	
05-2170	Electrical and instrumentation works design (2.8.03) (14 Packages)	180	553	83.33%	55%	30	Start On or After	25-Oct-19 A	29-Apr-21	03-Nov-21	02-Dec-21	217					
05-2190	Fire services installation design (2.8.05) (2 Packages)	170	859	97.65%	65%	4	Start On or After	27-Nov-18 A	03-Apr-21	04-Apr-21	07-Apr-21	4					
EP_SP_66_12-WP-6-M40.05.01.08.7 Building services design (excluding fire services installation desi																	
05-2240-1(M20)	Building Management System (BMS)	135	178	100%	65%	0	Start On or After	24-Dec-19 A	19-Jun-20 A								
EP_SP_66_12-WP-6-M40.05.01.1 AIP Chimney																	
EP_SP_66_12-WP-6-M40.05.01.1.1 Building services design (excluding fire services installation desi																	
05-5430(5a)	Electrical Services and Lighting	135	135	0%	0%	135		31-Mar-21	12-Aug-21	07-Aug-21	19-Dec-21	129					
05-5440(5a)	MVAC	105	105	0%	0%	105		31-Mar-21	13-Jul-21	25-Aug-21	07-Dec-21	147					
05-5450(5a)	Plumbing	105	105	0%	0%	105		31-Mar-21	13-Jul-21	06-Sep-21	19-Dec-21	159					
05-5460(5a)	Drainage	135	135	0%	0%	135		31-Mar-21	12-Aug-21	07-Aug-21	19-Dec-21	129					
05-5470(5a)	ELV	135	135	0%	0%	135		31-Mar-21	12-Aug-21	07-Aug-21	19-Dec-21	129					
05-5480(5a)	Lift	135	135	0%	0%	135		31-Mar-21	12-Aug-21	07-Aug-21	19-Dec-21	129					
05-5490(5a)	Building Management System (BMS)	135	552	34.07%	25%	89		24-Dec-19 A	27-Jun-21	22-Sep-21	19-Dec-21	175					
EP_SP_66_12-WP-6-M40.05.01.2 AIP Weighbridge																	
EP_SP_66_12-WP-6-M40.05.01.2.1 Building services design (excluding fire services installation desi																	
05-5500(5a)	Electrical Services and Lighting	105	105	0%	0%	105		31-Mar-21	13-Jul-21	13-Jun-22	25-Sep-22	439					
05-5510(5a)	MVAC	105	105	0%	0%	105		31-Mar-21	13-Jul-21	29-Jan-22	13-May-22	304					
05-5520(5a)	Plumbing	105	105	0%	0%	105		31-Mar-21	13-Jul-21	29-Jan-22	13-May-22	304					
05-5530(5a)	Drainage	105	105	0%	0%	105		31-Mar-21	13-Jul-21	29-Jan-22	13-May-22	304					
05-5540(5a)	ELV	105	105	0%	0%	105		31-Mar-21	13-Jul-21	29-Jan-22	13-May-22	304					
05-5550(5a)	Lift	105	105	0%	0%	105		31-Mar-21	13-Jul-21	29-Jan-22	13-May-22	304					
05-5560(5a)	Building Management System (BMS)	105	105	0%	0%	105		31-Mar-21	13-Jul-21	13-Jun-22	25-Sep-22	439					
EP_SP_66_12-WP-6-M40.05.01.09 AIP Air Quality Monitoring Stations (2.9)																	
05-2250	Design of the Air Quality Monitoring Stations (2.9.01)	120	195	88.33%	88.33%	14	Start On or After	01-Oct-20 A	13-Apr-21	06-Apr-21	19-Apr-21	6					
EP_SP_66_12-WP-6-M40.05.01.10 AIP Roads and Utilities (2.10)																	
EP_SP_66_12-WP-6-M40.05.01.10.2 Sewerage design on the Artificial Island (2.10.02)																	
05-2290	Contaminated Sewerage concept / sizing	135	163	100%	5%	0	Start On or After	18-Sep-19 A	28-Feb-20 A								
EP_SP_66_12-WP-6-M40.05.01.10.3 Drainage system design on the Artificial Island (2.10.03)																	
05-2310	First Flush Drainage System concept / sizing	135	282	100%	5%	0	Start On or After	22-May-19 A	28-Feb-20 A								
EP_SP_66_12-WP-6-M40.05.01.10.4 Water supply system design on the Artificial Island (2.10.04)																	
05-2330	Reuse Water Distribution System (2.10.04.02)	135	362	100%	65%	0	Start On or After	15-Nov-19 A	11-Nov-20 A								

3-Month Rolling Programme (March 2021)

■ Remaining Work ◆ Actual Milestone
■ Actual Work ◆ Critical Milestone
■ Critical Remaining Work
◆ Milestone

Activity ID	Activity Name	Original Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Current Start	Current Finish	Late Start	Late Finish	Total Float	M39 Remarks	2021				
														Mar 40	Apr 41	May 42	Jun 43	
05-2340	Reuse Water Distribution System - Irrigation System (2.10.04.03)	135	362	100%	0%	0	Start On or After	15-Nov-19 A	11-Nov-20 A									
05-2350	Rainwater harvesting System (2.10.04.04)	135	213	44.44%	5%	75	Start On or After	13-Nov-20 A	13-Jun-21	12-May-21	25-Jul-21	42						
05-2360	Water Tanks (2.10.04.05)	135	135	0%	0%	135	Start On or After	31-Mar-21*	12-Aug-21	30-Nov-21	13-Apr-22	244						13-Jun-21, F
05-2370	External FS Systems (2.10.04.06)	135	648	0%	65%	135		04-Nov-19 A	12-Aug-21	30-Nov-21	13-Apr-22	244						
05-2370-1(M24)	E&M system for seawater intake and brine discharge (2.10.04.07)	90	669	0%	5%	90		30-Aug-19 A	28-Jun-21	03-Aug-21	31-Oct-21	125						
05-2370-2(M24)	Building Services system for seawater intake and brine discharge (2.10.04.09)	90	475	0%	5%	90		11-Mar-20 A	28-Jun-21	11-Jun-21	08-Sep-21	72						
05-2370-3(5a)	Chemical scrubber system for odour control (2.10.04.10)	90	90	0%	0%	90	Start On or After	31-Mar-21*	28-Jun-21	12-May-21	09-Aug-21	42						31-Mar-21*
EP_SP_66_12-WP-6-M40.05.01.10.6	Design of telecommunication and other utilities (2.10.06)	747	990	81.93%		135		27-Nov-18 A	12-Aug-21	21-Apr-21	12-Jan-23	518						
05-2380	Power Distribution System concept / schematics (2.10.06.01)	135	198	22.22%	5%	105	Start On or After	28-Dec-20 A	13-Jul-21	22-Apr-21	04-Aug-21	22						
05-2410	Site ELV Network System - Communications System concept / schematics (2.10.06.04)	135	492	22.22%	5%	105	Start On or After	09-Mar-20 A	13-Jul-21	22-Apr-21	04-Aug-21	22						
05-2420	Site ELV Network System - Security Systems concept / schematics (2.10.06.05)	135	492	22.22%	5%	105	Start On or After	09-Mar-20 A	13-Jul-21	22-Apr-21	04-Aug-21	22						
05-2430	Site ELV Network System - Navigation aids concept / schematics (2.10.06.06)	105	105	0%	0%	105	Start On or After	31-Mar-21*	13-Jul-21	22-Apr-21	04-Aug-21	22						31-Mar-21*
05-2440	Microwave transmission of FS direct link (2.10.06.07)	135	945	33.33%	33.33%	90		27-Nov-18 A	28-Jun-21	07-May-21	04-Aug-21	37						
05-2450	Fuel Handling System concept / schematics (2.10.06.08)	135	567	0%	5%	135	Start On or After	24-Jan-20 A	12-Aug-21	31-Aug-22	12-Jan-23	518						
05-3190	Computerised Maintenance Management System (CMMS)	105	735	28.57%	5%	75	Start On or After	10-Jun-19 A	13-Jun-21	21-Apr-21	04-Jul-21	21						13-Jun-21, C
05-3200	Information and Document Management System (IDMS)	105	700	28.57%	5%	75	Start On or After	15-Jul-19 A	13-Jun-21	21-Apr-21	04-Jul-21	21						13-Jun-21, Ir
05-3200-1(M34)	Design of Pipe / Utilities Trenches concept (2.10.06.09.01)	105	105	0%	0%	105	Start On or After	31-Mar-21*	13-Jul-21	17-Nov-21	01-Mar-22	231						31-Mar-21*
05-3200-2(M34)	Sitewide Utilities Trenches Design (2.10.06.09.02)	105	265	0%	5%	105	Start On or After	22-Oct-20 A	13-Jul-21	17-Nov-21	01-Mar-22	231						
05-3840 (M22)	Automatic Traffic Control System (ATCS) (2.10.06.12)	90	90	0%	0%	90		31-Mar-21	28-Jun-21	25-Jun-21	22-Sep-21	86						31-Mar-21
EP_SP_66_12-WP-6-M40.05.01.10.7	Utility ducts/Pipebridges design (2.10.25)	90	305	0%		90		28-Aug-20 A	28-Jun-21	26-Oct-22	23-Jan-23	574						
05-2460	Design of Pipe / Utilities Trenches concept	90	305	0%	5%	90		28-Aug-20 A	28-Jun-21	26-Oct-22	23-Jan-23	574						
05-2470	Utility ducts network	90	305	0%	5%	90		28-Aug-20 A	28-Jun-21	26-Oct-22	23-Jan-23	574						
EP_SP_66_12-WP-6-M40.05.01.11	AIP Architectural, Finishes and Landscaping Works (2.11)	362	546	50.28%		180		30-Mar-20 A	26-Sep-21	16-Apr-21	16-May-22	232						
EP_SP_66_12-WP-6-M40.05.01.11.1	External and internal finishes design for Incineration Plant Buildi	288	503	52.43%		137		30-Mar-20 A	14-Aug-21	14-Jul-21	23-Apr-22	252						
05-2510	External and internal finishes design for Incineration Plant Building (6 Packages)	137	468	0%	5%	137	Start On or After	04-May-20 A	14-Aug-21	09-Sep-21	23-Jan-22	162						
05-2520	External and internal finishes design for ACC Equipment Structure	137	137	0%	0%	137	Start On or After	31-Mar-21*	14-Aug-21	14-Jul-21	27-Nov-21	105						31-Mar-21*
05-2530	External and internal finishes design for Turbine Hall Building (3 Packages)	137	468	0%	5%	137	Start On or After	04-May-20 A	14-Aug-21	08-Dec-21	23-Apr-22	252						
05-2540	External and internal finishes design for Air Compressor Building (3 Packages)	137	468	0%	5%	137	Start On or After	04-May-20 A	14-Aug-21	10-Nov-21	26-Mar-22	224						
05-2550	External and internal finishes design for Chimney (6 Packages)	137	137	0%	0%	137	Start On or After	31-Mar-21*	14-Aug-21	28-Nov-21	13-Apr-22	242						31-Mar-21*
05-2560	External and internal finishes design for Reception Pavilion (5 Packages)	137	503	0%	5%	137	Start On or After	30-Mar-20 A	14-Aug-21	10-Nov-21	26-Mar-22	224						
EP_SP_66_12-WP-6-M40.05.01.11.2	External and internal finishes design for MT Plant Building (2.11.07)	136	474	0%		136		27-Apr-20 A	13-Aug-21	07-Oct-21	19-Feb-22	190						
05-2570	External and internal finishes design for MT Plant Building (7 Packages)	136	474	0%	5%	136	Start On or After	27-Apr-20 A	13-Aug-21	07-Oct-21	19-Feb-22	190						
EP_SP_66_12-WP-6-M40.05.01.11.3	External and internal finishes design for the Wastewater Treatment	135	135	0%		135		31-Mar-21	12-Aug-21	08-Oct-21	19-Feb-22	191						
05-2580	External and internal finishes design for the Wastewater Treatment Plant (3 Packages)	135	135	0%	0%	135	Start On or After	31-Mar-21*	12-Aug-21	08-Oct-21	19-Feb-22	191						31-Mar-21*
EP_SP_66_12-WP-6-M40.05.01.11.4	External and internal finishes design for the Water Treatment Plan	135	135	0%		135		31-Mar-21	12-Aug-21	08-Oct-21	19-Feb-22	191						
05-2590	External and internal finishes design for the Water Treatment Plant Building (3 Package)	135	135	0%	0%	135	Start On or After	31-Mar-21*	12-Aug-21	08-Oct-21	19-Feb-22	191						31-Mar-21*
EP_SP_66_12-WP-6-M40.05.01.11.5	External and internal finishes design for the Administration Build	135	473	0%		135		27-Apr-20 A	12-Aug-21	02-Jan-22	16-May-22	277						
05-2600	External and internal finishes design for the Administration Building (6 Packages)	135	473	0%	5%	135	Start On or After	27-Apr-20 A	12-Aug-21	02-Jan-22	16-May-22	277						
EP_SP_66_12-WP-6-M40.05.01.11.6	External and internal finishes design for the IWMF Substation (2	135	411	66.67%		45		30-Mar-20 A	14-May-21	16-Apr-21	30-May-21	16						
05-2610	External and internal finishes design for the IWMF Substation (4 Packages)	135	411	66.67%	5%	45	Start On or After	30-Mar-20 A	14-May-21	16-Apr-21	30-May-21	16						14-May-21, External and internal finish
EP_SP_66_12-WP-6-M40.05.01.11.7	Landscape masterplan (2.11.07)	362	507	50.28%		180		08-May-20 A	26-Sep-21	20-Oct-21	17-Apr-22	203						
05-2620	Water Feature (2.11.07.01)	105	465	0%	5%	105	Start On or After	19-Jun-20 A	26-Sep-21	20-Oct-21	01-Feb-22	128						
05-2630	Planting details	105	105	0%	0%	105	Start On or After	14-Jun-21*	26-Sep-21	20-Oct-21	01-Feb-22	128						14-Jun-21*
05-2920_1(M34)	Turbine Hall Building (2.11.07.04)	105	507	0%	5%	105		08-May-20 A	26-Sep-21	03-Jan-22	17-Apr-22	203						
05-2920_2(M34)	Reception Pavilion (2.11.07.06)	105	432	0%	5%	105		08-May-20 A	13-Jul-21	03-Jan-22	17-Apr-22	278						
05-2920_3(M34)	MT Plant Building and Water Treatment Plant Building (2.11.07.07)	105	507	0%	5%	105		08-May-20 A	26-Sep-21	03-Jan-22	17-Apr-22	203						
05-2920_4(M34)	Administration Building (2.11.07.08)	105	507	0%	5%	105		08-May-20 A	26-Sep-21	03-Jan-22	17-Apr-22	203						
05-2920_5(M34)	IWMF Substation (2.11.07.09)	105	507	0%	5%	105		08-May-20 A	26-Sep-21	03-Jan-22	17-Apr-22	203						
05-2920_6(M34)	Process Building (2.11.07.10)	105	507	0%	5%	105		08-May-20 A	26-Sep-21	03-Jan-22	17-Apr-22	203						
EP_SP_66_12-WP-6-M40.05.01.11.8	Architectural Detailing - Site Wide (2.11.23)	107	107	0%		107		31-Mar-21	15-Jul-21	11-Jul-21	25-Oct-21	102						
05-2640	Architectural Detailing - Site Wide Concept	107	107	0%	0%	107	Start On or After	31-Mar-21*	15-Jul-21	11-Jul-21	25-Oct-21	102						31-Mar-21*
EP_SP_66_12-WP-6-M40.05.01.11.9	External and internal finishes design for Elevated Driveway	137	137	0%		137		31-Mar-21	14-Aug-21	27-Aug-21	10-Jan-22	149						
05-5410	External and internal finishes design for Elevated Driveway	137	137	0%	0%	137	Start On or After	31-Mar-21*	14-Aug-21	27-Aug-21	10-Jan-22	149						31-Mar-21*
EP_SP_66_12-WP-6-M40.05.01.12	AIP Testing and Commissioning (2.12)	745	813	85.91%		105		23-Apr-19 A	13-Jul-21	30-May-21	31-Aug-22	414						
05-2650-1(5)	Factory Acceptance Testing plan (2.12.01.02-06) (7 Packages)	60	738	50%	0%	30		23-Apr-19 A	29-Apr-21	11-Nov-21	10-Dec-21	225						29-Apr-21, Factory Acceptance Testing plan (2.12.01
05-2660	Site Acceptance Testing plan (2.12.02)	75	75	0%	0%	75	Start On or After	31-Mar-21*	13-Jun-21	29-Jul-21	11-Oct-21	120						31-Mar-21*
05-2670	System commissioning plan (2.12.03)	105	105	0%	0%	105	Start On or After	31-Mar-21*	13-Jul-21	30-May-21	11-Sep-21	60						31-Mar-21*
05-2680	Plant commissioning plan (2.12.04)	105	105	0%	0%	105		31-Mar-21	13-Jul-21	19-May-22	31-Aug-22	414						31-Mar-21
EP_SP_66_12-WP-6-M40.05.01.13	AIP Transportation Facilities for the Operation (2.13)	136	380	22.79%		105		29-Jun-20 A	13-Jul-21	19-May-21	11-Sep-21	60						
05-2690	Design of vehicles for MSW and Ash and Residues delivery (2.13.01)	105	380	0%	5%	105		29-Jun-20 A	13-Jul-21	30-May-21	11-Sep-21	60						
05-2700	Design of marine vessels for the use of the Employer and visitors (2.13.02)	105	309	0%	5%	105		08-Sep-20 A	13-Jul-21	19-May-21	31-Aug-21	49						
EP_SP_66_12-WP-6-M40.05.01.14	AIP Miscellaneous Works (2.14)	258	375	58.53%		107		06-Jul-20 A	15-Jul-21	21-Jul-21	07-Apr-23	631						
05-2710	Design of process related CCTV and existing onshore crane replacement works at Port	105	105	0%	0%	105	Start On or After	02-Apr-21*	15-Jul-21	24-Dec-22	07-Apr-23	631						02-Apr-21*
05-2720	Design of visitors and environmental education facilities (2.14.02)	105	373	0%	5%	105		06-Jul-20 A	13-Jul-21	21-Jul-21	02-Nov-21	112						
EP_SP_66_12-WP-6-M40.05.01.15	AIP Miscellaneous Detailing (2.15)	166	166	0%		166		31-Mar-21	12-Sep-21	16-Sep-21	05-Sep-22	358						

Activity ID	Activity Name	Original Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Current Start	Current Finish	Late Start	Late Finish	Total Float	M39 Remarks	2021				
														Mar 40	Apr 41	May 42	Jun 43	
05-2750	Weighbridge office (2.15.04)	105	105	0%	0%	105	Start On or After	31-Mar-21*	13-Jul-21	30-Mar-22	12-Jul-22	364						
EP_SP_66_12-WP-6-M40.05.01.16 AIP Auxiliary Plant Systems (2.16)																		
05-2770	Vehicle Fuel Filling Station (2.16.02)	135	135	0%	0%	135		31-Mar-21	28-Jan-21	28-Jan-22	11-Jun-22	303						
05-2780	Stores systems (2.16.03)	135	135	0%	0%	135	Start On or After	31-Mar-21*	12-Aug-21	14-Mar-22	26-Jul-22	348						
05-2780-1(5a)	IWMF Laboratory (2.16.04)	135	457	0%	5%	135		13-May-20 A	12-Aug-21	09-Sep-21	21-Jan-22	162						
05-2780-2(5a)	hoisting systems (2.16.09)	135	331	0%	5%	135		16-Sep-20 A	12-Aug-21	01-May-21	12-Sep-21	31						
EP_SP_66_12-WP-6-M40.05.02 DDA Design Package Submissions																		
EP_SP_66_12-WP-6-M40.05.02.01 DDA Process and Layout Design (2.1)																		
EP_SP_66_12-WP-6-M40.05.02.01.1 MSW treatment process design for incineration (2.1.13)																		
05-5090	Incineration System (2.1.13.01) (2 Packages) (link up with 05-3610)	105	258	86.67%	5%	14		30-Jul-20 A	13-Apr-21	29-Sep-21	12-Oct-21	182					13-Apr-21, Incineration System (2.1.13.01) (2 Packages) (link up w	
05-5100	Heat Recovery Boiler (2.1.13.02) (2 Packages) (link up with 05-3620)	105	356	86.67%	5%	14	Start On or After	23-Apr-20 A	13-Apr-21	29-Sep-21	12-Oct-21	182					13-Apr-21, Heat Recovery Boiler (2.1.13.02) (2 Packages) (link up	
05-5110	Ash Cranes (2.1.13.04) (2 Packages)	105	128	86.67%	5%	14		07-Dec-20 A	13-Apr-21	19-Oct-21	01-Nov-21	202					13-Apr-21, Ash Cranes (2.1.13.04) (2 Packages), Ash Cranes (2.1	
05-5120	Leachate Collection and Treatment (2.1.13.05) (2 Packages)	105	105	0%	0%	105		31-Mar-21	13-Jul-21	20-Jul-21	01-Nov-21	111						
05-5130	Waste Water Treatment System (2.1.13.06) (2 Packages)	75	75	0%	0%	75		31-Mar-21	13-Jun-21	31-Mar-21	13-Jun-21	0					13-Jun-21, W	
05-5140	Overall Plan Water Scheme (2.1.13.07)	105	105	0%	0%	105		31-Mar-21	13-Jul-21	20-Jul-21	01-Nov-21	111						
05-5150	Boiler Feed Water System (2.1.13.03) (2 Packages)	105	285	57.14%	45%	45	Start On or After	03-Aug-20 A	14-May-21	18-Sep-21	01-Nov-21	171					14-May-21, Boiler Feed Water System	
EP_SP_66_12-WP-6-M40.05.02.01.2 MSW treatment process design for mechanical treatment (2.1.14)																		
05-3510	Water Treatment Plant and Boiler Water Treatment (Demin Unit) Plant	105	207	0%	5%	105		19-Dec-20 A	13-Jul-21	30-Apr-22	12-Aug-22	395						
EP_SP_66_12-WP-6-M40.05.02.01.3 Waste heat recovery and Power generation system (2.1.15)																		
05-5220	Power Island (Steam Turbine Generator, Pressure Reducing and Desuperheating Statio	105	385	28.57%	5%	75		25-May-20 A	13-Jun-21	30-Jul-21	12-Oct-21	121					13-Jun-21, P	
05-5230	Closed Circuit Cooling Water System	105	450	0%	5%	105		20-Apr-20 A	13-Jul-21	28-Oct-21	09-Feb-22	211						
05-5240	Compressed Air Plants	105	105	0%	0%	105		31-Mar-21	13-Jul-21	28-Oct-21	09-Feb-22	211						
EP_SP_66_12-WP-6-M40.05.02.01.4 Flue gas treatment process design for incineration (2.1.16)																		
05-4660	Flue Gas Treatment System (2 Packages)	105	357	85.71%	5%	15	Start On or After	23-Apr-20 A	14-Apr-21	28-Sep-21	12-Oct-21	181					14-Apr-21, Flue Gas Treatment System (2 Packages), Flue Gas T	
05-4980	Boiler ash and APC residue handling and solidification (2 Packages)	105	357	85.71%	5%	15	Start On or After	23-Apr-20 A	14-Apr-21	18-Oct-21	01-Nov-21	201					14-Apr-21, Boiler ash and APC residue handling and solidification	
EP_SP_66_12-WP-6-M40.05.02.01.5 Logistic arrangement design for MSW and Ash and Residues (2.1																		
05-4390	Weighbridge Systems	105	105	0%	0%	105		31-Mar-21	13-Jul-21	23-Jun-21	05-Oct-21	84						
05-4400	Waste Crane and Grapple System	105	298	71.43%	5%	30		06-Jul-20 A	29-Apr-21	24-Jun-21	23-Jul-21	85					29-Apr-21, Waste Crane and Grapple System, Wast	
05-4410	Mechanical Shredder	105	105	0%	0%	105		31-Mar-21	13-Jul-21	20-Jul-21	01-Nov-21	111						
EP_SP_66_12-WP-6-M40.05.02.01.6 Site Master Layout Plan and Plant Layout (2.1.18)																		
05-3520	Site Master Layout Plan and Plant Layout	105	105	0%	0%	105		05-Jun-21	17-Sep-21	17-Jun-21	29-Sep-21	12					05-Jun-21	
EP_SP_66_12-WP-6-M40.05.02.01.7 Statutory Fire Compliance (2.1.26)																		
05-4420	Fire Safety Compliance	60	785	0%	0%	62		10-Apr-19 A	02-Jun-21	20-Jun-21	20-Aug-21	79					02-Jun-21, Fire Safety	
EP_SP_66_12-WP-6-M40.05.02.02 DDA Ground Treatment, Reclamation, Seawall, Breakwater, Berth (2.																		
05-3430-2(M37)	Geotechnical Interpretative Report (2.2.02.02)	105	988	14.29%	65%	90		15-Oct-18 A	28-Jun-21	18-May-21	15-Aug-21	48						
05-3450	Seawall design (2.2.20)	60	900	50%	65%	30		12-Nov-18 A	29-Apr-21	02-Jul-21	31-Jul-21	93					29-Apr-21, Seawall design (2.2.20), Seawall design	
05-3460	Breakwater design (2.2.21)	105	824	0%	65%	105		12-Apr-19 A	13-Jul-21	02-Nov-21	14-Feb-22	216						
05-3470	Berth design (2.2.22)	60	911	50%	65%	30		01-Nov-18 A	29-Apr-21	25-Feb-22	26-Mar-22	331					29-Apr-21, Berth design (2.2.22), Berth design (2.2.2	
05-3490	Onshore vessel power supply system (2.2.24)	135	135	0%	0%	135		30-Apr-21	11-Sep-21	24-May-21	05-Oct-21	24					30-Apr-21	
EP_SP_66_12-WP-6-M40.05.02.03 DDA Incineration Plant Buildings (2.3)																		
EP_SP_66_12-WP-6-M40.05.02.03.1 General Layout Drawings and Fire Safety Strategy (2.3.25)																		
05-3290	Process Building	105	105	0%	0%	105		11-Apr-21	24-Jul-21	11-May-21	23-Aug-21	30						
05-3300	ACC Equipment Structure	135	135	0%	0%	135		30-Apr-21	11-Sep-21	23-Aug-21	04-Jan-22	115					30-Apr-21	
05-3310	Turbine Hall Building	135	135	0%	0%	135		05-Jun-21	17-Oct-21	06-Aug-21	18-Dec-21	62					05-Jun-21	
EP_SP_66_12-WP-6-M40.05.02.03.2 Foundation design (2.3.13)																		
05-3230	ACC Equipment Structure	137	137	0%	0%	137		17-Jun-21	31-Oct-21	15-Dec-21	30-Apr-22	181					17-Jun-21	
EP_SP_66_12-WP-6-M40.05.02.03.3 Structural design (2.3.14)																		
05-5340	ACC Equipment Structure	150	150	0%	0%	150	Start On or After	31-Mar-21*	27-Aug-21	30-Apr-21	26-Sep-21	30					31-Mar-21*	
05-5350	Turbine Hall Building (2.3.14.03)	189	189	0%	0%	189	Start On or After	31-Mar-21*	05-Oct-21	20-Apr-22	25-Oct-22	385					31-Mar-21*	
05-5360	Compressor and CCCW Building	189	189	0%	0%	189	Start On or After	31-Mar-21*	05-Oct-21	02-Dec-22	08-Jun-23	611					31-Mar-21*	
05-5380	Chimney, Elevated Drive Way and associated structures and Reception Pavilion	189	189	0%	0%	189	Start On or After	31-Mar-21*	05-Oct-21	02-Oct-22	08-Apr-23	550					31-Mar-21*	
05-5390	Reception Pavilion Structural Design	189	496	0%	5%	189	Start On or After	28-May-20 A	05-Oct-21	04-Oct-22	10-Apr-23	552						
EP_SP_66_12-WP-6-M40.05.02.03.4 Electrical and instrumentation works design (2.3.15)																		
05-3360	11kV/380V Power Transformers and 11kV Earthing Transformer	105	235	57.14%	5%	45		22-Sep-20 A	14-May-21	07-Apr-21	21-May-21	2198					14-May-21, 11kV/380V Power Transferr	
05-3370	E&IC Package 1 (Process Island)	120	120	0%	0%	120		31-Mar-21	28-Jul-21	03-Aug-21	30-Nov-21	125					31-Mar-21	
05-3380	E&IC Package 2 (Power Island)	165	218	27.27%	0%	120		23-Dec-20 A	28-Jul-21	03-Aug-21	30-Nov-21	125						
EP_SP_66_12-WP-6-M40.05.02.03.8 Operation Management System (2.3.15.04)																		
05-3390	Supervisory Control/Data Acquisition/Distributed Control (SCADA/DCS) System (12 P	105	401	0%	5%	105		08-Jun-20 A	13-Jul-21	16-Jan-22	30-Apr-22	291						
05-3420	Automatic License Plate and Container Recognition System (ALPCRS)	105	105	0%	0%	105		31-Mar-21	13-Jul-21	16-Jan-22	30-Apr-22	291					31-Mar-21	
EP_SP_66_12-WP-6-M40.05.02.03.5 Mechanical works design (2.3.16)																		
EP_SP_66_12-WP-6-M40.05.02.03.5.1 Plant and Equipment																		
05-3580	Weighbridge Systems	105	105	0%	0%	105		31-Mar-21	13-Jul-21	23-Jun-21	05-Oct-21	84					31-Mar-21	
05-3590	Waste Crane and Grapple System	105	257	28.57%	5%	75		30-Sep-20 A	13-Jun-21	24-Jul-21	06-Oct-21	115					13-Jun-21, V	
05-3600	Mechanical Shredder	105	248	28.57%	0%	75		09-Oct-20 A	13-Jun-21	05-Apr-21	18-Jun-21	5					13-Jun-21, M	
05-3610	Incineration System (9 Packages)	105	812	66.67%	5%	35		13-Feb-19 A	04-May-21	08-Sep-21	12-Oct-21	161					04-May-21, Incineration System (9 Packages), In	
05-3620	Heat Recovery Boiler (8 Packages)	105	787	2%	5%	103		17-May-19 A	11-Jul-21	08-Feb-21	21-May-21	2140						
05-3630	Boiler Feed Water Systems (4 Packages)	105	659	66.67%	5%	35		16-Jul-19 A	04-May-21	11-May-21	14-Jun-21	41					04-May-21, Boiler Feed Water Systems (4 Pack	
05-3640	Ash cranes	30	325	0%	0%	30		09-Jun-20 A	29-Apr-21	24-Jun-21	23-Jul-21	85					29-Apr-21, Ash cranes, Ash cranes, 29-Apr-21	

3-Month Rolling Programme (March 2021)

■ Remaining Work ◆ Actual Milestone
■ Actual Work ◆ Critical Milestone
■ Critical Remaining Work
◆ Milestone

Activity ID	Activity Name	Original Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Current Start	Current Finish	Late Start	Late Finish	Total Float	M39 Remarks	2021			
														Mar 40	Apr 41	May 42	Jun 43
05-3650	Leachate collection and treatment	75	75	0%	0%	75	Start On or After	31-Mar-21*	13-Jun-21	05-Apr-21	18-Jun-21	5		31-Mar-21*			13-Jun-21, L
05-3790	Flue Gas Treatment System (12 Packages)	105	568	66.67%	5%	35		15-Oct-19 A	04-May-21	08-Sep-21	12-Oct-21	161					04-May-21, Flue Gas Treatment System (12 Pac
05-3800	Boiler ash and APC residue handling and solidification	105	330	66.67%	5%	35	Start On or After	09-Jun-20 A	04-May-21	11-May-21	14-Jun-21	41					04-May-21, Boiler ash and APC residue handling
05-3810	Steam Turbine Generator (STG) and Pressure Reducing and Desuperheating Station (P	105	319	28.57%	5%	75		30-Jul-20 A	13-Jun-21	30-Jul-21	12-Oct-21	121					13-Jun-21, S
05-3820	Air cooled condenser	105	319	28.57%	5%	75		30-Jul-20 A	13-Jun-21	20-Jun-21	02-Sep-21	81					13-Jun-21, A
05-3825(3)	Closed Circuit Cooling Water System	105	349	0%	5%	105		30-Jul-20 A	13-Jul-21	21-May-21	02-Sep-21	51					
05-3830	Compressed Air Plants	105	830	49.52%	5%	53		13-Feb-19 A	22-May-21	19-Mar-22	10-May-22	353					22-May-21, Compressed Air Pla
EP_SP_66_12-WP-6-M40.05.02.03.5.2	Process Pipeworks (Incl. Ductworks) and Valves	501	790	79.04%		105		16-May-19 A	13-Jul-21	30-Apr-21	04-Jan-22	175					
05-3840	Process island (furnace-boiler-FGC)	105	767	21.9%	0%	82		16-May-19 A	20-Jun-21	13-Oct-21	02-Jan-22	196					20-Jun
05-4350	Pipebridge A (Between Process island & Turbine Hall)	105	320	0%	5%	105		28-Aug-20 A	13-Jul-21	23-May-21	04-Sep-21	53					
05-4360	Compressed Air Plant area	105	105	0%	0%	105		31-Mar-21	13-Jul-21	22-Sep-21	04-Jan-22	175			31-Mar-21		
05-4370	Pipebridge B (Between CCCW Area & Turbine Hall)	105	320	0%	5%	105		28-Aug-20 A	13-Jul-21	30-Apr-21	12-Aug-21	30					
05-4380	Pipebridge C (Between Turbine Hall & ACC Yard)	105	320	0%	5%	105		28-Aug-20 A	13-Jul-21	23-May-21	04-Sep-21	53					
05-4950	Turbine Hall	105	105	0%	0%	105		31-Mar-21	13-Jul-21	16-Sep-21	29-Dec-21	169			31-Mar-21		
05-4970	CCCW Area	105	105	0%	0%	105		31-Mar-21	13-Jul-21	22-Sep-21	04-Jan-22	175			31-Mar-21		
EP_SP_66_12-WP-6-M40.05.02.03.5.3	Process steel structure support (For equipment, piping & duct, i	376	319	80.05%		75		30-Jul-20 A	13-Jun-21	14-Apr-21	25-Oct-22	499					
05-3540	Pipebridge (Between Process island & Turbine Hall)	105	260	57.14%	5%	45		28-Aug-20 A	14-May-21	14-Apr-21	28-May-21	14					14-May-21, Pipebridge (Between Proce
05-3550	Turbine Hall	105	278	67.62%	0%	34		30-Jul-20 A	03-May-21	22-Sep-22	25-Oct-22	540					03-May-21, Turbine Hall, Turbine Hall, 03-May-21
05-3560	Pipebridge (Between CCCW Area & Turbine Hall)	105	290	28.57%	5%	75		28-Aug-20 A	13-Jun-21	30-May-21	12-Oct-21	60					13-Jun-21, P
05-3570	Pipebridge (Between Turbine Hall & ACC Yard)	105	290	28.57%	5%	75		28-Aug-20 A	13-Jun-21	22-Jun-21	04-Sep-21	83					13-Jun-21, P
EP_SP_66_12-WP-6-M40.05.02.03.5.4	Equipment and piping insulation	105	105	0%		105		31-Mar-21	13-Jul-21	21-May-21	04-Jan-22	175					
05-4500	Incineration System	105	105	0%	0%	105	Start On or After	31-Mar-21*	13-Jul-21	30-Jun-21	12-Oct-21	91			31-Mar-21*		
05-4510	Heat Recovery Boiler	105	105	0%	0%	105	Start On or After	31-Mar-21*	13-Jul-21	30-Jun-21	12-Oct-21	91			31-Mar-21*		
05-4520	Boiler Feed Water Systems	105	105	0%	0%	105	Start On or After	31-Mar-21*	13-Jul-21	22-Sep-21	04-Jan-22	175			31-Mar-21*		
05-4530	Flue Gas Treatment System	105	105	0%	0%	105	Start On or After	31-Mar-21*	13-Jul-21	30-Jun-21	12-Oct-21	91			31-Mar-21*		
05-4540	Boiler ash and APC residue handling and solidification	105	105	0%	0%	105	Start On or After	31-Mar-21*	13-Jul-21	22-Sep-21	04-Jan-22	175			31-Mar-21*		
05-4550	Steam Turbine Generator (STG) and Pressure Reducing and Desuperheating Station (P	105	105	0%	0%	105		31-Mar-21	13-Jul-21	30-Jun-21	12-Oct-21	91			31-Mar-21		
05-4560	Air cooled condenser	105	105	0%	0%	105		31-Mar-21	13-Jul-21	22-Sep-21	04-Jan-22	175			31-Mar-21		
05-4570	Closed Circuit Cooling Water System	105	105	0%	0%	105		31-Mar-21	13-Jul-21	21-May-21	02-Sep-21	51			31-Mar-21		
EP_SP_66_12-WP-6-M40.05.02.03.6	Fire services installation design (2.3.17)	151	841	20.53%		120		10-Apr-19 A	28-Jul-21	08-May-21	20-Aug-21	23					
05-3660	Fire Systems	90	796	31.11%	0%	62		10-Apr-19 A	13-Jun-21	20-Jun-21	20-Aug-21	68					13-Jun-21, F
05-3670	Fire engineering	60	60	0%	0%	60		31-Mar-21	29-May-21	22-Jun-21	20-Aug-21	83			31-Mar-21		29-May-21, Fire engineeri
05-3680	FS schematics	105	105	0%	0%	105		15-Apr-21	28-Jul-21	08-May-21	20-Aug-21	23			15-Apr-21		
EP_SP_66_12-WP-6-M40.05.02.03.7	Building services design (excluding fire services installation desi	225	225	0%		225		31-Mar-21	10-Nov-21	31-Mar-21	30-Apr-22	171					
05-3700	MVAC (6 Packages)	135	135	0%	0%	135		14-Jun-21	26-Oct-21	10-Aug-21	22-Dec-21	57					14-Jun-21
05-3710	Odour Control	135	135	0%	0%	135		14-Jun-21	26-Oct-21	10-Aug-21	22-Dec-21	57					14-Jun-21
05-3720	Plumbing (7 Packages)	135	135	0%	0%	135	Start On or After	24-Jun-21*	05-Nov-21	26-Jul-21	07-Dec-21	32					24-Jun-21*
05-3730	Drainage (7 Packages)	135	135	0%	0%	135		24-Jun-21	05-Nov-21	26-Jul-21	07-Dec-21	32					24-Jun-21
05-3750	Lifts and Escalators	135	135	0%	0%	135		16-May-21	27-Sep-21	11-Jun-21	23-Oct-21	26					16-May-21
05-3770	Building Management System (BMS) ELV (7 Packages)	135	135	0%	0%	135		29-Jun-21	10-Nov-21	17-Dec-21	30-Apr-22	171					29-Jun-21
05-3780-1(M20)	Water Cannon System	53	53	0%	0%	53		31-Mar-21	22-May-21	31-Mar-21	22-May-21	0			31-Mar-21		22-May-21, Water Cannon System
EP_SP_66_12-WP-6-M40.05.02.04	DDA Mechanical Treatment Plant Building (2.4)	175	175	0%		175		05-May-21	26-Oct-21	08-May-21	22-Aug-22	300					
05-5160	Architectural Design (2.4.25)	105	105	0%	0%	105	Start On or After	30-May-21*	11-Sep-21	10-May-22	22-Aug-22	345					30-May-21*
05-5210	Fire services installation design (2.4.17)	105	105	0%	0%	105		05-May-21	17-Aug-21	08-May-21	20-Aug-21	3					05-May-21
EP_SP_66_12-WP-6-M40.05.02.04.7	Building services design (excluding fire services installation desi	152	152	0%		152		28-May-21	26-Oct-21	26-Jul-21	22-Dec-21	57					
05-3860	MVAC	135	135	0%	0%	135		14-Jun-21	26-Oct-21	10-Aug-21	22-Dec-21	57					14-Jun-21
05-3870	Odour Control	135	135	0%	0%	135		14-Jun-21	26-Oct-21	10-Aug-21	22-Dec-21	57					14-Jun-21
05-3880	Plumbing	135	135	0%	0%	135		14-Jun-21	26-Oct-21	26-Jul-21	07-Dec-21	42					14-Jun-21
05-3890	Drainage	135	135	0%	0%	135		28-May-21	09-Oct-21	26-Jul-21	07-Dec-21	59					28-May-21
EP_SP_66_12-WP-6-M40.05.02.05	DDA Wastewater Treatment Plant (2.5)	220	220	0%		220		31-Mar-21	05-Nov-21	08-May-21	17-Jan-22	73					
05-3920	Architectural Design (2.5.25)	75	75	0%	0%	75	Start On or After	30-May-21*	12-Aug-21	17-Jul-21	29-Sep-21	48					30-May-21*
05-3930	Foundation design (2.5.13)	135	135	0%	0%	135		31-Mar-21	12-Aug-21	05-Sep-21	17-Jan-22	158			31-Mar-21		
05-3950	Electrical and instrumentation works design (2.5.15)	135	135	0%	0%	135		31-Mar-21	12-Aug-21	10-May-21	21-Sep-21	40			31-Mar-21		
05-3960	Mechanical works design (2.5.16) (2 Packages)	105	105	0%	0%	105		31-Mar-21	13-Jul-21	09-Jun-21	21-Sep-21	70			31-Mar-21		
05-3970	Fire services installation design (2.5.17) (2 Packages)	105	105	0%	0%	105	Start On or After	30-Apr-21*	12-Aug-21	08-May-21	20-Aug-21	8					30-Apr-21*
EP_SP_66_12-WP-6-M40.05.02.05.7	Building services design (excluding fire services installation desi	160	160	0%		160		30-May-21	05-Nov-21	26-Jul-21	06-Jan-22	62					
05-3990	MVAC	120	120	0%	0%	120		14-Jun-21	11-Oct-21	25-Aug-21	22-Dec-21	72					14-Jun-21
05-4010	Plumbing	135	135	0%	0%	135		30-May-21	11-Oct-21	26-Jul-21	07-Dec-21	57					30-May-21
05-4020	Drainage	135	135	0%	0%	135		24-Jun-21	05-Nov-21	26-Jul-21	07-Dec-21	32					24-Jun-21
05-4030	ELV	135	135	0%	0%	135		15-Jun-21	27-Oct-21	25-Aug-21	06-Jan-22	71					15-Jun-21
EP_SP_66_12-WP-6-M40.05.02.06	DDA Water Treatment Plant Building (2.6)	210	210	0%		210		31-Mar-21	26-Oct-21	08-May-21	16-Jul-22	263					
05-4050	Architectural Design (2.6.25)	105	105	0%	0%	105		30-May-21	11-Sep-21	11-Mar-22	23-Jun-22	285					30-May-21
05-4060	Foundation design (2.6.13)	180	180	0%	0%	180		31-Mar-21	26-Sep-21	18-Jan-22	16-Jul-22	293			31-Mar-21		
05-4080	Electrical and instrumentation works design (2.6.15)	105	105	0%	0%	105		31-Mar-21	13-Jul-21	09-Jun-21	21-Sep-21	70			31-Mar-21		
05-4090	Mechanical works design (2.6.16)	105	105	0%	0%	105		31-Mar-21	13-Jul-21	09-Jun-21	21-Sep-21	70			31-Mar-21		
05-4100	Fire services installation design (2.6.17)	105	105	0%	0%	105		25-Apr-21	07-Aug-21	08-May-21	20-Aug-21	13					25-Apr-21
EP_SP_66_12-WP-6-M40.05.02.06.7	Building services design (excluding fire services installation desi	152	152	0%		152		28-May-21	26-Oct-21	26-Jul-21	06-Jan-22	72					

3-Month Rolling Programme (March 2021)

Remaining Work ◆ Actual Milestone
 Actual Work ◆ Critical Milestone
 Critical Remaining Work
 Milestone

Activity ID	Activity Name	Original Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Current Start	Current Finish	Late Start	Late Finish	Total Float	M39 Remarks	2021			
														Mar 40	Apr 41	May 42	Jun 43
A1630	Process Island FGC Liner 2 Piping Fabrication & installation	375	375	0%	0%	375		02-May-21	11-May-22	02-May-21	11-May-22	0					
A1640	Process Island FGC Liner 2 Electrical & Instrumentation Fabrication & installation	400	400	0%	0%	400		22-May-21	25-Jun-22	22-May-21	25-Jun-22	0					
A1650	Process Island FGC Liner 2 Pre-commissioning (FAT)	400	400	0%	0%	400		21-Jun-21	25-Jul-22	21-Jun-21	25-Jul-22	0					
EP_SP_66_12-WP-6-M40.06.2.2.3	Process Island FGC Liner 3	495	520	6.87%		461		31-Jan-21 A	04-Jul-22	31-Mar-21	04-Jul-22	0					
A1690	Process Island FGC Liner 3 Structure Cutting, Painting, Pre-assembly & Erection	495	490	12.93%	12.93%	431		31-Jan-21 A	04-Jun-22	31-Mar-21	04-Jun-22	0					
A1700	Process Island FGC Liner 3 Equipment Fabrication	375	375	0%	0%	375		25-Jun-21	04-Jul-22	25-Jun-21	04-Jul-22	0					
A1710	Process Island FGC Liner 3 Equipment Installation	375	375	0%	0%	375		25-Jun-21	04-Jul-22	25-Jun-21	04-Jul-22	0					
EP_SP_66_12-WP-6-M40.06.2.2.4	Process Island FGC Liner 4	569	595	0%		569		05-Mar-21 A	20-Oct-22	31-Mar-21	20-Oct-22	0					
A1780	Process Island FGC Liner 4 Structure Cutting, Painting, Pre-assembly & Erection	465	460	6.67%	6.67%	434		05-Mar-21 A	07-Jun-22	31-Mar-21	07-Jun-22	0					
A1790	Process Island FGC Liner 4 Equipment Fabrication	375	375	0%	0%	375		28-Jun-21	07-Jul-22	28-Jun-21	07-Jul-22	0					
A1800	Process Island FGC Liner 4 Equipment Installation	375	375	0%	0%	375		28-Jun-21	07-Jul-22	28-Jun-21	07-Jul-22	0					
A1810	Process Island FGC Liner 4 Piping Fabrication & installation	375	375	0%	0%	375		28-Jul-21	06-Aug-22	28-Jul-21	06-Aug-22	0					
A1820	Process Island FGC Liner 4 Electrical & Instrumentation Fabrication & installation	400	400	0%	0%	400		17-Aug-21	20-Sep-22	17-Aug-21	20-Sep-22	0					
A1830	Process Island FGC Liner 4 Pre-commissioning (FAT)	400	400	0%	0%	400		16-Sep-21	20-Oct-22	16-Sep-21	20-Oct-22	0					
EP_SP_66_12-WP-6-M40.06.2.2.5	Process Island FGC Liner 5	495	495	0%		495		31-Mar-21	07-Aug-22	27-Apr-21	03-Sep-22	27					
A1870	Process Island FGC Liner 5 Structure Cutting, Painting, Pre-assembly & Erection	495	495	0%	0%	495		31-Mar-21	07-Aug-22	27-Apr-21	03-Sep-22	27					
EP_SP_66_12-WP-6-M40.06.2.2.6	Process Island FGC Liner 6	495	495	0%		495		31-Mar-21	07-Aug-22	15-Apr-21	22-Aug-22	15					
A1960	Process Island FGC Liner 6 Structure Cutting, Painting, Pre-assembly & Erection	495	495	0%	0%	495		31-Mar-21	07-Aug-22	15-Apr-21	22-Aug-22	15					
EP_SP_66_12-WP-6-M40.06.3	Procurement for ACC Units	200	206	10%		180		05-Mar-21 A	26-Sep-21	31-Mar-21	26-Sep-21	0					
06-1110	Material & Equipment Procurement	200	206	10%	10%	180		05-Mar-21 A	26-Sep-21	31-Mar-21	26-Sep-21	0					
EP_SP_66_12-WP-6-M40.06.4	Procurement for MT Plant Equipment	180	180	0%		180		14-Jun-21	10-Dec-21	19-Jun-21	15-Dec-21	5					
06-1150-1(1)	Mechanical Equipment Material Submission and Approval	180	180	0%	0%	180		14-Jun-21	10-Dec-21	19-Jun-21	15-Dec-21	5					
EP_SP_66_12-WP-6-M40.06.5	Procurement for WWTP Equipment	180	180	0%		180		14-Jun-21	10-Dec-21	14-Jun-21	10-Dec-21	0					
06-1190-1(1)	Mechanical Equipment Material Submission and Approval	180	180	0%	0%	180		14-Jun-21	10-Dec-21	14-Jun-21	10-Dec-21	0					
EP_SP_66_12-WP-6-M40.06.7	Procurement for HV Transformers and Associated Equipment	550	1046	22.73%		425		19-Jul-19 A	29-May-22	22-Jun-21	23-Aug-22	86					
EP_SP_66_12-WP-6-M40.06.7.1	Procurement of Transformers & EDG	550	959	38.55%		338		19-Jul-19 A	03-Mar-22	22-Jun-21	25-May-22	83					
06-1280(1)	Procurement of Transformers	550	959	38.55%	38.55%	338		19-Jul-19 A	03-Mar-22	22-Jun-21	25-May-22	83					
EP_SP_66_12-WP-6-M40.06.7.2	Procurement of Switchboard/Pannels and Cables	425	425	0%		425		31-Mar-21	29-May-22	25-Jun-21	23-Aug-22	86					
06-2090(1)	Material Submission and Approval	90	90	0%	0%	90		31-Mar-21	28-Jun-21	25-Jun-21	22-Sep-21	86					
06-2100(1)	Material & Equipment Procurement	335	335	0%	0%	335		29-Jun-21	29-May-22	23-Sep-21	22-Aug-22	86					
EP_SP_66_12-WP-6-M40.06.10	Procurement and Off-site Fabrication of Pipe Bridges (Incl	270	454	11.48%		239		28-Aug-20 A	24-Nov-21	31-Mar-21	24-Nov-21	0					
06-1390(1)	Material Submission and Approval	90	274	34.44%	34.44%	59		28-Aug-20 A	28-May-21	31-Mar-21	28-May-21	0					
06-1400	Material & Equipment Procurement	180	180	0%	0%	180		29-May-21	24-Nov-21	29-May-21	24-Nov-21	0					
EP_SP_66_12-WP-6-M40.06.18	Procurement for Crane Equipment	120	120	0%		120		30-Apr-21	27-Aug-21	24-Jul-21	20-Nov-21	85					
06-1710	Material Submission and Approval	120	120	0%	0%	120		30-Apr-21	27-Aug-21	24-Jul-21	20-Nov-21	85					
EP_SP_66_12-WP-6-M40.06.21	Procurement for Air Quality Monitoring Station Equipment	90	90	0%		90		14-Apr-21	12-Jul-21	05-May-21	02-Aug-21	21					
06-2150(1)	Material Submission and Approval	90	90	0%	0%	90		14-Apr-21	12-Jul-21	05-May-21	02-Aug-21	21					
EP_SP_66_12-WP-6-M40.08	Maritime Works	718	1021	67.83%		231		31-Jan-19 A	16-Nov-21	31-Mar-21	03-Nov-22	352					
EP_SP_66_12-WP-6-M40.08.1	Marine Construction	718	1021	67.83%		231		31-Jan-19 A	16-Nov-21	31-Mar-21	03-Nov-22	352					
EP_SP_66_12-WP-6-M40.08.1.1	Phase I - Construction of Perimeter Seawalls	578	610	84.26%		91		29-Oct-19 A	29-Jun-21	13-Apr-21	11-Jul-21	12					
EP_SP_66_12-WP-6-M40.08.1.1.1	Seawall and Berth at DCM Area	578	610	84.26%		91		29-Oct-19 A	29-Jun-21	13-Apr-21	11-Jul-21	12					
EP_SP_66_12-WP-6-M40.08.1.1.1.5	Seawall Structural Works	578	610	84.26%		91		29-Oct-19 A	29-Jun-21	13-Apr-21	11-Jul-21	12					
08-1100	Rubble Mound Laying (100,000m3 approx, @550m3/d)	182	261	100%	100%	0		27-Jun-20 A	15-Mar-21 A								
08-1105-07 (6)	Precast Yard Setup	90	90	0%	0%	90	Start On or After	01-Apr-21*	29-Jun-21	13-Apr-21	11-Jul-21	12					
08-1115(3)	Caisson infill, Solid ballast, toe protection, precast concrete blocks ..etc Laying	250	547	89%	89%	28		29-Oct-19 A	27-Apr-21	29-Apr-21	26-May-21	30					
EP_SP_66_12-WP-6-M40.08.1.2	Phase II - Reclamation, Breakwater and Berth Construction	701	1021	67.06%		231		31-Jan-19 A	16-Nov-21	31-Mar-21	03-Nov-22	352					
EP_SP_66_12-WP-6-M40.08.1.2.1	Reclamation	234	262	1.45%		231		28-Feb-21 A	16-Nov-21	31-Mar-21	03-Nov-22	352					
EP_SP_66_12-WP-6-M40.08.1.2.1.6	Reclamation Works	234	262	1.45%		231		28-Feb-21 A	16-Nov-21	31-Mar-21	03-Nov-22	352					
08-1200-3 (M35)	Reclamation fill for Marine Access from -9.0mPD to +2.5mPD (~300,000m3 @ 4000m3/d)	37	37	0%	0%	37		31-Mar-21	06-May-21	18-Apr-21	25-May-21	18					
08-1210	Reclamation fill from +2.5 to Formation Level (130,000m3 @2000m3/d)	120	86	54%	54%	55		28-Feb-21 A	25-May-21	31-Mar-21	25-May-21	0					
08-1210-1(6)	Reclamation fill from +2.5 to Formation Level (289,000m3 @6000m3/d)	49	49	0%	0%	49		25-May-21	13-Jul-21	27-May-21	14-Jul-21	2					
EP_SP_66_12-WP-6-M40.08.1.2.1.6.3	Surcharge Filling	106	106	0%		106		01-Apr-21	16-Jul-21	01-Apr-21	17-Jul-21	2					
08-3000(6)	Fill up +6 to +11-12mPD at PB1-2 (Stage 1) (102,555m3 @ 2000m3/d)	50	50	0%	0%	50		01-Apr-21	20-May-21	01-Apr-21	20-May-21	0					
08-3010(6)	Fill up +6 to +11-12mPD at PB2-3 (Stage 2) (102,555m3 @ 2000m3/d)	52	52	0%	0%	52		25-May-21	16-Jul-21	27-May-21	17-Jul-21	2					
EP_SP_66_12-WP-6-M40.08.1.2.1.6.4	Surcharge Period	180	180	0%		180		21-May-21	16-Nov-21	21-May-21	16-Nov-21	0					
08-3090(6)	Loading @ +11-12mPD at PB1-2 (Stage 1)	180	180	0%	0%	180		21-May-21	16-Nov-21	21-May-21	16-Nov-21	0					
EP_SP_66_12-WP-6-M40.08.1.2.1.6.5	Retaining Wall	68	68	0%		68		01-Apr-21	08-Jun-21	07-May-21	17-Jul-21	40					
08-3140(6)	Gabion Retaining Wall at Northern Edge (~50m)	14	14	0%	0%	14		25-May-21	08-Jun-21	04-Jul-21	17-Jul-21	40					
08-3150(6)	Gabion Retaining Wall at Eastern Edge (~50m)	14	14	0%	0%	14		01-Apr-21	14-Apr-21	07-May-21	20-May-21	36					
08-3160(6)	Gabion Retaining Wall at Southern Edge (~50m)	14	14	0%	0%	14		01-Apr-21	14-Apr-21	07-May-21	20-May-21	36					
EP_SP_66_12-WP-6-M40.08.1.2.1.1	Instrumentation	120	120	0%		120		31-Mar-21	28-Jul-21	07-Jul-22	03-Nov-22	463					
08-1340 (M23)	Placing Settlement Plates for Settlement Markers & Instrumentation on +2.5mPD (~42)	120	120	0%	0%	120		31-Mar-21	28-Jul-21	07-Jul-22	03-Nov-22	463					
08-1350 (M23)	Extension of instruments above +2.5mPD	65	65	0%	0%	65		25-May-21	28-Jul-21	31-Aug-22	03-Nov-22	463					
EP_SP_66_12-WP-6-M40.08.1.2.1.2	PVD Remedial Works	118	118	0%		118		07-May-21	01-Sep-21	13-Jul-21	07-Nov-21	67					
08-1390 (M34)20	GI for ground condition verification at other Zone for PVD (10 nr approx @0.5 nr/day) Inc	28	28	0%	0%	28		07-May-21	03-Jun-21	13-Jul-21	09-Aug-21	67					
08-1390 (M34)25	Install Sand Drains at other Zones (approx. 549 nr @ 8nr/day/4 set of equipment)	90	90	0%	0%	90		04-Jun-21	01-Sep-21	10-Aug-21	07-Nov-21	67					
EP_SP_66_12-WP-6-M40.08.1.2.2	Breakwater	666	985	70.64%		195		31-Jan-19 A	12-Oct-21	02-Oct-21	15-Apr-22	186					
08-1250	Geotextile and Sand Blanket Laying	45	806	64%	64%	16		31-Jan-19 A	16-Apr-21	13-Feb-22	01-Mar-22	320					

3-Month Rolling Programme (March 2021)

- Remaining Work
- Actual Work
- Critical Remaining Work
- ◆ Milestone
- ◆ Actual Milestone
- ◆

Activity ID	Activity Name	Original Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Current Start	Current Finish	Late Start	Late Finish	Total Float	M39 Remarks	2021			
														Mar 40	Apr 41	May 42	Jun 43
08-1280	Rubble Mound Laying (100,000m3 approx. @550m3/d)	188	371	12%	12%	165		06-Sep-20 A	12-Sep-21	02-Oct-21	16-Mar-22	186					
08-1285(1)	Prefabrication for Caisson	180	443	12%	12%	158		19-Jun-20 A	05-Sep-21	09-Oct-21	16-Mar-22	193					
08-1290	Caisson Laying (Total 29hrs. @2 hrs/week)	150	150	0%	0%	150		15-May-21	12-Oct-21	17-Nov-21	15-Apr-22	186					
EP_SP_66_12-WP-6-M40.08.1.2.3	Seawall and Berth at Marine Access	30	30	0%	0%	30		31-Mar-21	29-Apr-21	18-Apr-21	18-May-21	18					
08-1320(5A)	Caisson Infill, Solid ballast, toe protection, precast concrete blocks .etc Laying	30	30	0%	0%	30		31-Mar-21	29-Apr-21	18-Apr-21	18-May-21	18					
EP_SP_66_12-WP-6-M40.15	Works By CLP	603	603	0%	0%	603		21-Dec-22	15-Aug-24	20-Mar-23	30-Oct-24	76					
EP_SP_66_12-WP-6-M40.15.1	Installation of Transmission System	120	120	0%	0%	120		21-Dec-22	20-Apr-23	20-Mar-23	18-Mar-24	333					
15-0800	450 days Prior to Commencement of System Commissioning Test	0	0	0%	0%	0			21-Mar-23		20-Mar-23	0					
15-0900	Completion of Civil Provision for Transmission	0	0	0%	0%	0			21-Dec-22		20-Mar-23	89					
15-1000	Construction of Transmission System	90	90	0%	0%	90	Start On or After	22-Dec-22*	21-Mar-23	20-Nov-23	17-Feb-24	333					
15-1002	Cable Testing	30	30	0%	0%	30		22-Mar-23	20-Apr-23	18-Feb-24	18-Mar-24	333					
EP_SP_66_12-WP-6-M40.15.2	Remaining Installation Works by CLP	150	150	0%	0%	150		23-Jul-23	19-Dec-23	23-Jul-23	16-Jun-24	180					
15-1005	Plant Installation inside CLP Equipment Room	60	60	0%	0%	60		23-Jul-23	20-Sep-23	23-Jul-23	20-Sep-23	0					
15-1010	Cable Termination Works	30	30	0%	0%	30		21-Sep-23	20-Oct-23	19-Mar-24	17-Apr-24	180					
15-1015	Testing and Commissioning	60	60	0%	0%	60		21-Oct-23	19-Dec-23	18-Apr-24	16-Jun-24	180					
EP_SP_66_12-WP-6-M40.15.3	Metering & Energization	74	74	0%	0%	74		03-Jun-24	15-Aug-24	17-Jun-24	30-Oct-24	76					
15-1020	Incoming Power System Final Inspection and Metering works	30	30	0%	0%	30		03-Jun-24	03-Jul-24	17-Jun-24	16-Jul-24	14					
15-1030	Energization of Incoming Power Supply Main System	0	0	0%	0%	0			16-Jul-24		16-Jul-24	0					
15-1040	Energization of Incoming Power Supply Sub System	0	0	0%	0%	0			16-Jul-24		16-Jul-24	0					
15-1050	Export Power System Final Inspection and Metering works	30	30	0%	0%	30		17-Jul-24	15-Aug-24	01-Oct-24	30-Oct-24	76					
15-1060	Connection to Grid	0	0	0%	0%	0			15-Aug-24		30-Oct-24	76					

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Remaining Work
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 Milestone
 Actual Milestone
 Critical Milestone