

ID	Task Name	Duration	Start	Finish	Half 1, 2021			
					Feb	Mar	Apr	
1	Civil and Building Works for Unit 11 and Associated Works	1197 days	Fri 1/6/18	Thu 30/9/21				
2	Contract Key Dates	1197 days	Fri 1/6/18	Thu 30/9/21				
3	Contract Commencement Date	0 days	Fri 1/6/18	Fri 1/6/18				
4	Completion Dates	1044 days	Wed 31/10/18	Thu 30/9/21				
5	Section A1 - Ground treatment installation works at Zone 1A	0 days	Wed 31/10/18	Wed 31/10/18				
6	Section A2 - Ground treatment installation works at Zone 1B	0 days	Wed 31/10/18	Wed 31/10/18				
7	Section A3 - Ground treatment installation works at Zone 2	0 days	Sun 17/3/19	Sun 17/3/19				
8	Section A4 - Ground treatment installation works at Zone 3	0 days	Thu 21/3/19	Thu 21/3/19				
9	Section A5 (i) - Ground treatment installation works at Zone 4 - Band drain installation	0 days	Thu 28/3/19	Thu 28/3/19				
10	Section A5 (ii) - Ground treatment installation works at Zone 4 - Surcharge filling	0 days	Wed 30/9/20	Wed 30/9/20				
11	Section A6 (i) - A&A Works for No. 4 C.W. Outfall at Area E18	0 days	Sat 28/3/20	Sat 28/3/20				
12	Section A6 (ii) - External works at Area E15	0 days	Sat 15/2/20	Sat 15/2/20				
13	Section B1 (i) - Area south of L11 MSB and HRSG from GL11-F eastwards leading to Chimney Road at Area E1 & E2	0 days	Sun 1/3/20	Sun 1/3/20				
14	Section B1 (ii) - Supporting structures for overhead cranes of L11 MSB including the associated roof structure except the roof deferred works	0 days	Tue 17/3/20	Tue 17/3/20				
15	Section B1 (iii) - FSRU Civil works at Area E13	0 days	Mon 31/5/21	Mon 31/5/21				
16	Section B2 - Retractable Cover D at Area E22	0 days	Tue 31/3/20	Tue 31/3/20				
17	Section B3 - External works at Area B1, D2 and D4	0 days	Thu 30/4/20	Thu 30/4/20				
18	Section C1 - Area south of L11 MSB from GL11-F westwards leading to Station Road at Area E3(A) & E3(B)	0 days	Sun 1/3/20	Sun 1/3/20				
19	Section C2 - (i) Southern part of L11 HRSG area and its surrounding at Area E7 except the deferred works for Lube Oil Storage Tank	0 days	Sun 1/12/19	Sun 1/12/19				
20	Section C2 - (ii) L11 Turbo Block foundation including the L11 MSB ground floor together with the equipment foundations between GL 11-F to 11-H and 11-1 to 11-6 for the installation of power generator, air inlet duct and lube oil reservoir	0 days	Thu 30/4/20	Thu 30/4/20				
21	Section C2 - (iii) G/F of L11 MSB including the Condenser Pit, Circulating Water Pipe Pit and equipment foundations between GL 11-B to 11-C and 11-1 to 11-6 for the installation of condenser	0 days	Sun 1/3/20	Sun 1/3/20				
22	Section D - (i) Roads and external grounds surrounding L11 MSB and L11 HRSG in addition to the southern & eastern areas mentioned above in Area E5 and E6	0 days	Tue 31/12/19	Tue 31/12/19				
23	Section D - (ii) Remaining northern part of L11 HRSG area and its surrounding in Area E6	0 days	Sun 1/3/20	Sun 1/3/20				
24	Section D - (iii) Whole of L11 MSB including the pipe and cable rack along south façade of L11 MSB with all underground utilities at Area E4 including C.W. Inlet and Outlet Culvert except the deferred works	0 days	Thu 30/4/20	Thu 30/4/20				
25	Section D - (iv) Link Bridge between L10 and L11 MSB and at the south of L11 MSB including their associated alternations & additions (A&A) Works at L10 MSB	0 days	Thu 30/4/20	Thu 30/4/20				
26	Section D - (v) Gas Duct Foundation, Pipe and Cable Rack and associated trench in Area E20	0 days	Sat 1/2/20	Sat 1/2/20				
27	Section E1 - (i) Link BrIdge and Pipe and Cable Rack connecting L11 MSB to the western area of L11 MSB at Area E3	0 days	Mon 28/9/20	Mon 28/9/20				
28	Section E1 - (ii) Gas Receiving Station and L11 Gas Receiving Station Equipment Room (GRS) Area Extension at Area E16	0 days	Tue 30/6/20	Tue 30/6/20				
29	Section E1 - (iii) External Works at Area E15 (C)	0 days	Sun 28/2/21	Sun 28/2/21				
30	Section E2 - Pipe and Cable Rack and trench at west of Chimney Road and Pipe and Cable Rack at south of Middle Road at Area E8 and E19	0 days	Thu 17/9/20	Thu 17/9/20				
31	Section E3 - Gas Pipe Support Foundation and Pipe Trench and associated external works at Area E14, E15 (A) and E15 (B)	0 days	Tue 30/6/20	Tue 30/6/20				
32	Section E4 - 275kV cable trenching works connecting the 275kV Switching Station Extension and L11 MSB at Area E9 (A)	0 days	Sun 15/9/19	Sun 15/9/19				
33	Section F - 275kV Station Building Extension and associated works at Area E17	0 days	Sat 30/5/20	Sat 30/5/20				
34	Section G - A&A Works at No. 4 C.W. Intake at Area E12	0 days	Sun 31/5/20	Sun 31/5/20				
35	Section H - L11 Steel flue liner at No. 4 Chimney	0 days	Mon 15/7/19	Mon 15/7/19				

◆ Section E1 - (iii) External Works at Area E15 (C)

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					Feb	Mar	Apr
36	Section I - (i) 275kV cable trenching works connecting the 275kV Switching Station Extension and L11 MSB at Area E9 (B)	0 days	Fri 15/5/20	Fri 15/5/20			
37	Section I - (ii) Interconnector 2 Trench Modification Works at Area E10	0 days	Fri 15/5/20	Fri 15/5/20			
38	Section J - (i) Demolition of Retractable Cover A&B & (ii) Foundation of LMX Light Oil Storage Tank Nos. 3 & 4 and A&A for Existing Bund Wall at	0 days	Fri 30/4/21	Fri 30/4/21			
39	Section K1 - External works at Area 15 (E) and 15(F)	0 days	Mon 31/5/21	Mon 31/5/21			
40	Section K2 - Removal of Southern Bund and External Works at Area D5, D6 and D7	0 days	Mon 31/5/21	Mon 31/5/21			
41	Section K3 - All remaining works shall be completed for reporting completion to BD and ready for OP inspection	0 days	Thu 30/9/21	Thu 30/9/21			
42	General & Preliminary	318 days	Fri 1/6/18	Wed 24/4/19			
43	Set up Temporary Site Office and Utilities	90 days	Fri 1/6/18	Wed 29/8/18			
44	Permit Applications & Statuary Submissions	120 days	Thu 30/8/18	Thu 27/12/18			
45	Existing Utilities scanning & Excavation Permit	45 days	Tue 13/11/18	Thu 27/12/18			
46	Tower Crane erection 2@MSB, 1@ 275	50 days	Wed 6/3/19	Wed 24/4/19			
47	Submission and Approval	554 days	Fri 1/6/18	Mon 16/12/19			
48	Method Statement / Temp Work Submission & Approval from HEC for General Works	240 days	Fri 1/6/18	Sat 26/1/19			
49	BD Approval & Consent (If required)	120 days	Fri 1/6/18	Fri 28/9/18			
50	BIM Model, CSD & CBWD Submission & Approval from HEC	200 days	Sat 29/9/18	Fri 26/4/19			
51	Structure Steelwork Connection Design Submission & BD Approval	60 days	Sat 29/9/18	Tue 27/11/18			
52	Structure Steelwork Shop Drawing & Approval	60 days	Sat 13/10/18	Tue 11/12/18			
53	Metal Cladding, louvre & windows submission & BD Approval	60 days	Wed 28/11/18	Sat 26/1/19			
54	Metal Cladding, louvre & windows shop drawing submission	60 days	Wed 12/12/18	Tue 19/2/19			
55	Order, Off Site Fabrication and Delivery (S. Steel & Cladding & louvres)	180 days	Sat 27/10/18	Sat 4/5/19			
56	Retractable Cover D BD Submission & Approval	90 days	Wed 20/2/19	Mon 20/5/19			
57	No. 4 C.W. Outfall A&A BD 1st Submission	90 days	Thu 30/8/18	Tue 27/11/18			
58	Submission & Approval of Steel Flue Assessment Report and Design Drawings	60 days	Sun 30/9/18	Wed 28/11/18			
59	Submission and Approval of Steel Flue Design from BD	60 days	Sun 30/9/18	Wed 28/11/18			
60	Material Fabrication & Delivery for L11 Flue	100 days	Mon 15/10/18	Tue 22/1/19			
61	Folding Shutters Shop Drawing Submission & Approval	120 days	Wed 20/2/19	Wed 19/6/19			
62	Fabrication & Delivery of Folding Shutters	150 days	Thu 20/6/19	Sat 16/11/19			
63	Sewage Pump System Design submission & approval	90 days	Fri 22/3/19	Wed 19/6/19			
64	Fabrication & Delivery of Sewage Pump	180 days	Thu 20/6/19	Mon 16/12/19			
65	Other material submission & approval & delivery	300 days	Thu 30/8/18	Fri 5/7/19			
66	Coordination with the Employer's Specialist Contractors	478 days	Mon 20/5/19	Sat 19/9/20			
67	Installation of Puddle Pipes at C.W. outlet Culvert	7 days	Mon 20/5/19	Sun 26/5/19			
68	Installation of Puddle Pipes at C.W. Inlet Culvert	7 days	Sun 7/7/19	Sat 13/7/19			
69	Template setting at L11 Turbo Block Foundation	60 days	Wed 1/1/20	Mon 9/3/20			
70	Template setting of holding down bolts at HRSG column base	46 days	Tue 23/7/19	Fri 6/9/19			
71	I-beam / channel base installation on top of transformer foundations at Transformer Area	30 days	Fri 17/4/20	Sat 16/5/20			
72	Overhead crane erection at turbine hall using access through a temporary opening at L11 MSB roof between GL11-G to 11-H and 11-2 to 11-6	36 days	Sun 1/12/19	Tue 7/1/20			
73	Condenser assembly and erection using access through a temporary façade opening at L11 MSB below 1/F along GL 11-6 from GL11-B to 11-C including a clear space below 1/F between GL 11-B to 11-C	127 days	Sun 1/3/20	Sun 5/7/20			
74	Installation of power train equipment including air inlet duct using access through a temporary façade opening at L11 MSB below 1/F along GL 11-6 from GL11-F to 11-H including a clear space below 1/F of the above area	142 days	Fri 1/5/20	Sat 19/9/20			
75	Installation of embedded materials such as holding down bolts for equipment foundations - Commencement	30 days	Sun 23/6/19	Mon 22/7/19			
76	Section A1 & A2 - Ground treatment at Zone 1A & 1B	92 days	Wed 1/8/18	Wed 31/10/18			
77	Plant establishment for earthworks	7 days	Wed 1/8/18	Tue 7/8/18			
78	Backfilling and compaction from existing ground +4.5mPD to +5.5mPD	45 days	Wed 8/8/18	Fri 21/9/18			
79	Delivery of band drain	5 days	Wed 29/8/18	Sun 2/9/18			
80	Plant establishment for band drain (1st rig)	10 days	Mon 3/9/18	Wed 12/9/18			
81	Plant establishment for band drain (2nd rig)	7 days	Thu 20/9/18	Wed 26/9/18			
82	Plant establishment for band drain (3rd rig)	7 days	Thu 11/10/18	Wed 17/10/18			

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83	Vert. Band drain installation (1023 nos. x 44m)	45 days	Thu 13/9/18	Sat 27/10/18				
84	Deposition of surcharge up to +8.3mPD	45 days	Mon 17/9/18	Wed 31/10/18				
85	Section A3 - Ground treatment installation works at Zone 2	158 days	Mon 1/10/18	Sun 17/3/19				
86	Backfilling and compaction from existing ground +4.5mPD to +5.5mPD	30 days	Mon 1/10/18	Tue 30/10/18				
87	Delivery of band drain	6 days	Thu 18/10/18	Tue 23/10/18				
88	Vert. Band drain installation (1787 nos. x 44m)	50 days	Wed 24/10/18	Wed 12/12/18				
89	Deposition of surcharge up to +8.3mPD	60 days	Mon 3/12/18	Thu 31/1/19				
90	Additional Concrete Blocks + Extra Surcharge	60 days	Mon 7/1/19	Sun 17/3/19				
91	Section A4 - Ground treatment installation works at Zone 3	131 days	Thu 1/11/18	Thu 21/3/19				
92	Backfilling and compaction from existing ground +4.5mPD to +5.5mPD	12 days	Thu 1/11/18	Mon 12/11/18				
93	Vert. Band drain installation	60 days	Fri 9/11/18	Mon 7/1/19				
94	Deposition of surcharge up to +8.3mPD	45 days	Tue 18/12/18	Thu 31/1/19				
95	Possession of Part 1 Defer portion at Zone 3	0 days	Wed 20/2/19	Wed 20/2/19				
96	Vert. Band drain installation	10 days	Wed 20/2/19	Fri 1/3/19				
97	Possession of Part 2 Defer portion at Zone 3	0 days	Fri 1/3/19	Fri 1/3/19				
98	Vert. Band drain installation	7 days	Fri 1/3/19	Thu 7/3/19				
99	Surcharge at deferred portion	14 days	Fri 8/3/19	Thu 21/3/19				
100	Section A5 (i) - Ground treatment installation works at Zone 4	83 days	Wed 26/12/18	Thu 28/3/19				
101	Site Preparation for Vertical Band Drain	3 days	Tue 1/1/19	Thu 3/1/19				
102	Band drain installation	21 days	Wed 26/12/18	Tue 15/1/19				
103	Possession of Defer portion at Zone 4	0 days	Fri 1/3/19	Fri 1/3/19				
104	Vert. Band drain installation	28 days	Fri 1/3/19	Thu 28/3/19				
105	Section A5 (ii) - Surcharge works at Zone 4	30 days	Tue 1/9/20	Wed 30/9/20				
106	Deposition of surcharge up to +8.3mPD	30 days	Tue 1/9/20	Wed 30/9/20				
107	Section A6 (i) - A&A Works for No. 4 C.W. Outfall at Area E18	493 days	Thu 1/11/18	Sat 28/3/20				
108	BD Amendment, resubmission & approval for Jacking Pit	170 days	Thu 1/11/18	Mon 29/4/19				
109	Consent for Jacking Pit ELS	28 days	Sat 20/4/19	Fri 17/5/19				
110	Mobilization	0 days	Sat 15/12/18	Sat 15/12/18				
111	Jacking Pit Sheetpile Installation (incl. Stop work notice + CNY)	60 days	Sun 16/12/18	Sat 23/2/19				
112	Protective screen and preventive measure for U9 gas pipeline (VO)	28 days	Sun 24/2/19	Sat 23/3/19				
113	Provision of temp support for U10 gas pipeline (VO) upon RMA allow access	28 days	Sun 14/4/19	Sat 11/5/19				
114	ELS of jacking pit	30 days	Sat 18/5/19	Sun 16/6/19				
115	Pipe Jacking set up & ground strengthening	18 days	Mon 17/6/19	Thu 4/7/19				
116	Pipe Jacking	90 days	Tue 10/9/19	Sun 8/12/19				
117	Receiving Pit BD Approval	170 days	Sun 25/11/18	Thu 23/5/19				
118	Consent for Pipe & Sheet pile	28 days	Tue 14/5/19	Mon 10/6/19				
119	Receiving Pit Pipe & Sheet pile installation	30 days	Tue 11/6/19	Wed 10/7/19				
120	Consent for Receiving Pit ELS	28 days	Thu 4/7/19	Wed 31/7/19				
121	ELS of Receiving pit	40 days	Thu 1/8/19	Mon 9/9/19				
122	Allow modify existing outfall manhole for pipe jacking receiving	18 days	Tue 10/9/19	Fri 27/9/19				
123	Culvert Pipe Intallation & water test	55 days	Mon 9/12/19	Wed 12/2/20				
124	Inspection Manhole at Jacking Pit + backfill (Area E3(A))	18 days	Thu 13/2/20	Sun 1/3/20				
125	Manhole extension at Outfall no. 4 + backfill + Reinstate of Outfall Rd	45 days	Thu 13/2/20	Sat 28/3/20				
126	Sheetpile for L12 Outlet culvert (Connection to Jacking Pit)	45 days	Mon 15/7/19	Wed 28/8/19				
127	Consent + ELS for remaining jacking pit	75 days	Thu 29/8/19	Mon 11/11/19				
128	Outlet Culvert pipe installation + Thrust Box (remaining portion at A1 Area)	45 days	Tue 12/11/19	Sat 28/12/19				
129	Sheet pile for future extension along GRS	60 days	Thu 29/8/19	Sun 27/10/19				
130	Section A6 (ii) - External works at Area E15(D)	37 days	Wed 1/1/20	Sat 15/2/20				
131	Area possession & Clearance	6 days	Wed 1/1/20	Mon 6/1/20				
132	Road & Surface Works	31 days	Tue 7/1/20	Sat 15/2/20				
133	Section B1 (i) - Area south of L11 MSB and HRSG from GL11-F eastwards leading to Chimney Road at Area E1 & E2	375 days	Thu 31/1/19	Sun 1/3/20				
134	Area Possession & Clearance	0 days	Thu 31/1/19	Thu 31/1/19				
135	Excavation for CW Inlet Culvert (South of L11 HRSG)	21 days	Tue 16/4/19	Mon 6/5/19				
136	Installation CW Inlet Culvert pipe	30 days	Tue 7/5/19	Wed 5/6/19				
137	Construction of Thrust Box & Manholes,etc	14 days	Thu 6/6/19	Wed 19/6/19				
138	Backfill	21 days	Thu 20/6/19	Wed 10/7/19				
139	Install underground utilities	45 days	Mon 30/9/19	Wed 13/11/19				
140	Backfill and Temporary paving for Condensor Move in (E1)	14 days	Mon 17/2/20	Sun 1/3/20				
141	Backfill and Temporary paving for Condensor Move in (others)	30 days	Sat 1/2/20	Sun 1/3/20				
142	Section B1 (ii) - Supporting structures for overhead cranes of L11 MSB including the associated roof structure except the roof deferred works	482 days	Thu 1/11/18	Tue 17/3/20				
143	Area possession & Clearance	0 days	Thu 1/11/18	Thu 1/11/18				

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					Feb	Mar	Apr
144	Erection of turbine hall roof except defer work	0 days	Wed 13/11/19	Wed 13/11/19			
145	Installation of crane griders	21 days	Mon 11/11/19	Sun 1/12/19			
146	Turbine hall wall claddings	60 days	Thu 9/1/20	Tue 17/3/20			
147	Section B1 (iii) - FSRU Civil works at Area E13 (GRS)	151 days	Fri 1/1/21	Mon 31/5/21			
148	Submission and approval for consent to work	0 days	Fri 1/1/21	Fri 1/1/21			
149	Civil & Building Works	130 days	Fri 1/1/21	Mon 10/5/21			
150	Ground reinstatement	21 days	Tue 11/5/21	Mon 31/5/21			
151	Section B2 - Retractable Cover D at Area E22	435 days	Tue 1/1/19	Tue 31/3/20			
152	Area Possession, Demolition and clearance work	60 days	Tue 1/1/19	Mon 11/3/19			
153	Revise Structural Form and BD resubmission & approval	150 days	Tue 12/3/19	Thu 8/8/19			
154	Foundation construction	60 days	Fri 9/8/19	Mon 7/10/19			
155	Backfill & Ground reinstatement	30 days	Tue 8/10/19	Wed 6/11/19			
156	Superstructure fabrication & delivery	90 days	Fri 9/8/19	Wed 6/11/19			
157	Superstructure erection	90 days	Thu 7/11/19	Sat 15/2/20			
158	E&M Installation and T&C	45 days	Sun 16/2/20	Tue 31/3/20			
159	Section B3 - External works at Area B1, D2 and D4	416 days	Fri 1/3/19	Thu 30/4/20			
160	Receive Area from HKE, Area Possession & Clearance	0 days	Fri 1/3/19	Fri 1/3/19			
161	Removal of existing paving for band drain under Section A5(i)	30 days	Fri 1/3/19	Sat 30/3/19			
162	Complete Vert. Band drain under Section A5(i)	0 days	Thu 28/3/19	Thu 28/3/19			
163	Ground preparation for B1, D2 & D4 for handover to Plant contractor	90 days	Sat 1/2/20	Thu 30/4/20			
164	Section C1 - Area south of L11 MSB from GL11-F westwards leading to Station Road at Area E3(A) & E3(B)	466 days	Thu 1/11/18	Sun 1/3/20			
165	Area Possession & Clearance	0 days	Thu 1/11/18	Thu 1/11/18			
166	Excavation for Type C (Area E3A)	21 days	Tue 26/3/19	Mon 15/4/19			
167	Installation CW Outlet Culvert Pipe connect to Type C1	21 days	Tue 16/4/19	Mon 6/5/19			
168	Installation CW Inlet Culvert pipe (South of L11 Condensor)	21 days	Mon 20/5/19	Sun 9/6/19			
169	Construction of Thrust Box	10 days	Mon 10/6/19	Wed 19/6/19			
170	Construction of Access Manhole	21 days	Mon 10/6/19	Sun 30/6/19			
171	Backfill	14 days	Mon 1/7/19	Sun 14/7/19			
172	Construction of Underground drainage and utilities	60 days	Thu 7/11/19	Tue 7/1/20			
173	Construct Temp Paving for Condenser move in	45 days	Wed 8/1/20	Sun 1/3/20			
174	Section C2 - (i) Southern part of L11 HRSG area and its surrounding at Area E7 (No Defer Foundations)	295 days	Thu 31/1/19	Sun 1/12/19			
175	Area Possession & Clearance	0 days	Thu 31/1/19	Thu 31/1/19			
176	Excavation & Pile Caps & Tie Beams (HRSG South Area E7)	45 days	Sun 19/5/19	Tue 2/7/19			
177	Construction RC foundations	45 days	Tue 9/7/19	Thu 22/8/19			
178	Construction RC plinths	30 days	Fri 23/8/19	Sat 21/9/19			
179	Construction underground utilities	45 days	Fri 23/8/19	Sun 6/10/19			
180	Backfill & Construction on-grade slabs	35 days	Mon 7/10/19	Sun 10/11/19			
181	Backfill and Temporary paving	21 days	Mon 11/11/19	Sun 1/12/19			
182	Section C2 - (ii) L11 Turbo Block foundation including the L11 MSB ground floor together with the equipment foundations between GL 11-F to 11-H and 11-1 to 11-6 for the installation of power generator, air inlet duct and lube oil reservoir	496 days	Sat 1/12/18	Thu 30/4/20			
183	Area Possession & Clearance	0 days	Sat 1/12/18	Sat 1/12/18			
184	Excavation & Pile Caps & Tie Beams (MSBL11 - Turbo Block North)	70 days	Mon 14/1/19	Wed 3/4/19			
185	Excavation & Pile Caps & Tie Beams (MSBL11 - Turbo Block South)	30 days	Wed 10/7/19	Thu 8/8/19			
186	Backfill and construction turbine block foundations	21 days	Fri 9/8/19	Thu 29/8/19			
187	Construction of internal drainage	60 days	Fri 9/8/19	Mon 7/10/19			
188	Construction RC walls incl. G/F rooms	90 days	Tue 8/10/19	Tue 7/1/20			
189	Construction turbine block columns and upper portion for plant embed installation	21 days	Mon 9/9/19	Sun 29/9/19			
190	Concrete Turbine upper part foundation & clear falsework	52 days	Tue 10/3/20	Thu 30/4/20			
191	Section C2 - (iii) G/F of L11 MSB including the Condenser Pit, Circulating Water Pipe Pit and equipment foundations between GL 11-B to 11-C and 11-1 to 11-6 for the installation of condenser	466 days	Thu 1/11/18	Sun 1/3/20			
192	Area Possession & Clearance	0 days	Thu 1/11/18	Thu 1/11/18			
193	Excavation to foundation level at ELS Type A	18 days	Sat 13/4/19	Tue 30/4/19			
194	Construction of CW Outlet Box + lowest tie beam & caps	40 days	Wed 1/5/19	Sun 9/6/19			
195	Construction of pile caps & tie beams & hot well sump pit up to +2.5mPD	30 days	Mon 10/6/19	Tue 9/7/19			

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196	Backfill & Construction of CW Inlet Box + tie beams	18 days	Wed 10/7/19	Sat 27/7/19			
197	Backfill and Construction ground beams & trenches	18 days	Sun 28/7/19	Wed 14/8/19			
198	Construction of indoor underground drainage	12 days	Thu 15/8/19	Mon 26/8/19			
199	Backfill & construction on-grade slabs	10 days	Tue 27/8/19	Thu 5/9/19			
200	Construction Column casting and RC walls	30 days	Mon 30/9/19	Tue 29/10/19			
201	Metal Cladding & Louvres for GLB-C/1-6	60 days	Thu 28/11/19	Thu 6/2/20			
202	Mis. Works for plant erection	24 days	Fri 7/2/20	Sun 1/3/20			
203	Section D - (i) Roads and external grounds surrounding L11 MSB and L11 HRSG in addition to the southern & eastern areas mentioned above in Area E5 and E6	414 days	Thu 1/11/18	Tue 31/12/19			
204	Area Possession & Clearance	14 days	Thu 1/11/18	Wed 14/11/18			
205	Excavation for Type C1 and open sheet pile	75 days	Mon 14/1/19	Mon 8/4/19			
206	Install CW Outlet pipe & connect to previous	21 days	Tue 16/4/19	Mon 6/5/19			
207	Backfill	10 days	Tue 7/5/19	Thu 16/5/19			
208	Undeground utilities and trenches	60 days	Wed 3/7/19	Sat 31/8/19			
209	Construction of plant drainage, trenches & RC plinths	45 days	Sun 1/9/19	Tue 15/10/19			
210	Remaining Undeground utilities & backfill (West of Tx Bay)	75 days	Wed 16/10/19	Tue 31/12/19			
211	Section D - (ii) Remaining northern part of L11 HRSG area and its surrounding in Area E6	375 days	Thu 31/1/19	Sun 1/3/20			
212	Area Possession & Clearance	0 days	Thu 31/1/19	Thu 31/1/19			
213	Excavation & Pits & Pile Caps & Tie Beams (HRSG north Area E6)	45 days	Thu 4/4/19	Sat 18/5/19			
214	Construction RC foundations	45 days	Sun 19/5/19	Tue 2/7/19			
215	Construction RC plinths & HRSG Lift Pit & internal drainage	60 days	Sun 9/6/19	Wed 7/8/19			
216	Backfill Construction on-grade slabs	28 days	Thu 8/8/19	Wed 4/9/19			
217	Construction underground utilities	45 days	Thu 5/9/19	Sat 19/10/19			
218	Backfill, Remaining utilities and temporary paving	85 days	Thu 14/11/19	Mon 17/2/20			
219	Touch up and site clearance	13 days	Tue 18/2/20	Sun 1/3/20			
220	Section D - (iii) Whole of L11 MSB including the pipe and cable rack along south facade of L11 MSB with all underground utilities at Area E4 including C.W. Inlet and Outlet Culvert except the deferred works	526 days	Thu 1/11/18	Thu 30/4/20			
221	Area Possession & Clearance	0 days	Thu 1/11/18	Thu 1/11/18			
222	Construction of pile caps & tie beams at Transformer Area	60 days	Thu 15/11/18	Sun 13/1/19			
223	Excavation & Construction Blow Down Sum pit (Type B)	45 days	Thu 4/4/19	Sat 18/5/19			
224	Construction of pile caps & tie beams at SunShadeCover Area	45 days	Wed 10/7/19	Fri 23/8/19			
225	Preparation for S.Steelwork Erection	14 days	Wed 3/7/19	Tue 16/7/19			
226	Structural Delivery & Erection (Turbine Hall North fr G.L. 1-3/H->B)	30 days	Wed 17/7/19	Thu 15/8/19			
227	Structural Delivery & Erection (Equipment Floors)	45 days	Fri 16/8/19	Sun 29/9/19			
228	Structural Delivery & Erection (Turbine Hall South)	45 days	Mon 30/9/19	Wed 13/11/19			
229	Fire Coating Application at Joint	120 days	Fri 16/8/19	Fri 13/12/19			
230	External Scaffolding Erection	150 days	Wed 31/7/19	Sun 29/12/19			
231	Construction 1/F RC Slab	14 days	Mon 30/9/19	Sun 13/10/19			
232	Construction M/F RC Slab	7 days	Mon 14/10/19	Sun 20/10/19			
233	Construction 2/F RC Slab	14 days	Mon 14/10/19	Sun 27/10/19			
234	Construction 3/F RC Slab	14 days	Mon 28/10/19	Sun 10/11/19			
235	Construction 4/F RC Slab	14 days	Mon 11/11/19	Sun 24/11/19			
236	Construction 5/F RC Slab (Roof of turbine hall, except defer portion)	30 days	Mon 25/11/19	Tue 24/12/19			
237	Construction Roof RC Slab	14 days	Mon 9/12/19	Sun 22/12/19			
238	Construction Upper Roof RC Slab	12 days	Fri 27/12/19	Tue 7/1/20			
239	Construction Defer Roof RC Slab (G.L. G-H)	30 days	Wed 8/1/20	Sat 15/2/20			
240	Construction of Staircase ST-01 & lift shaft & machine room	120 days	Fri 30/8/19	Sun 29/12/19			
241	Construction of Staircase ST-02 except defer work	76 days	Mon 28/10/19	Mon 13/1/20			
242	Construction of RC plinth, kerbs & parapet Walls	30 days	Fri 7/2/20	Sat 7/3/20			
243	Erection of Skylight & Roof Features	45 days	Fri 21/2/20	Sun 5/4/20			
244	Waterproofing & Flooring at Roof	60 days	Wed 8/1/20	Mon 16/3/20			
245	ABFW Works from 1/F to 5/F equipment rooms	150 days	Mon 21/10/19	Sun 29/3/20			
246	Metal Cladding, Windows and Louvres incl. roof feature	100 days	Thu 28/11/19	Tue 17/3/20			
247	Removal of external scaffolding	60 days	Mon 17/2/20	Thu 16/4/20			
248	Building Services E&M Access & Installation	150 days	Mon 4/11/19	Sun 12/4/20			
249	Remaining and Mis. works for Plant erection Full Access	18 days	Mon 13/4/20	Thu 30/4/20			

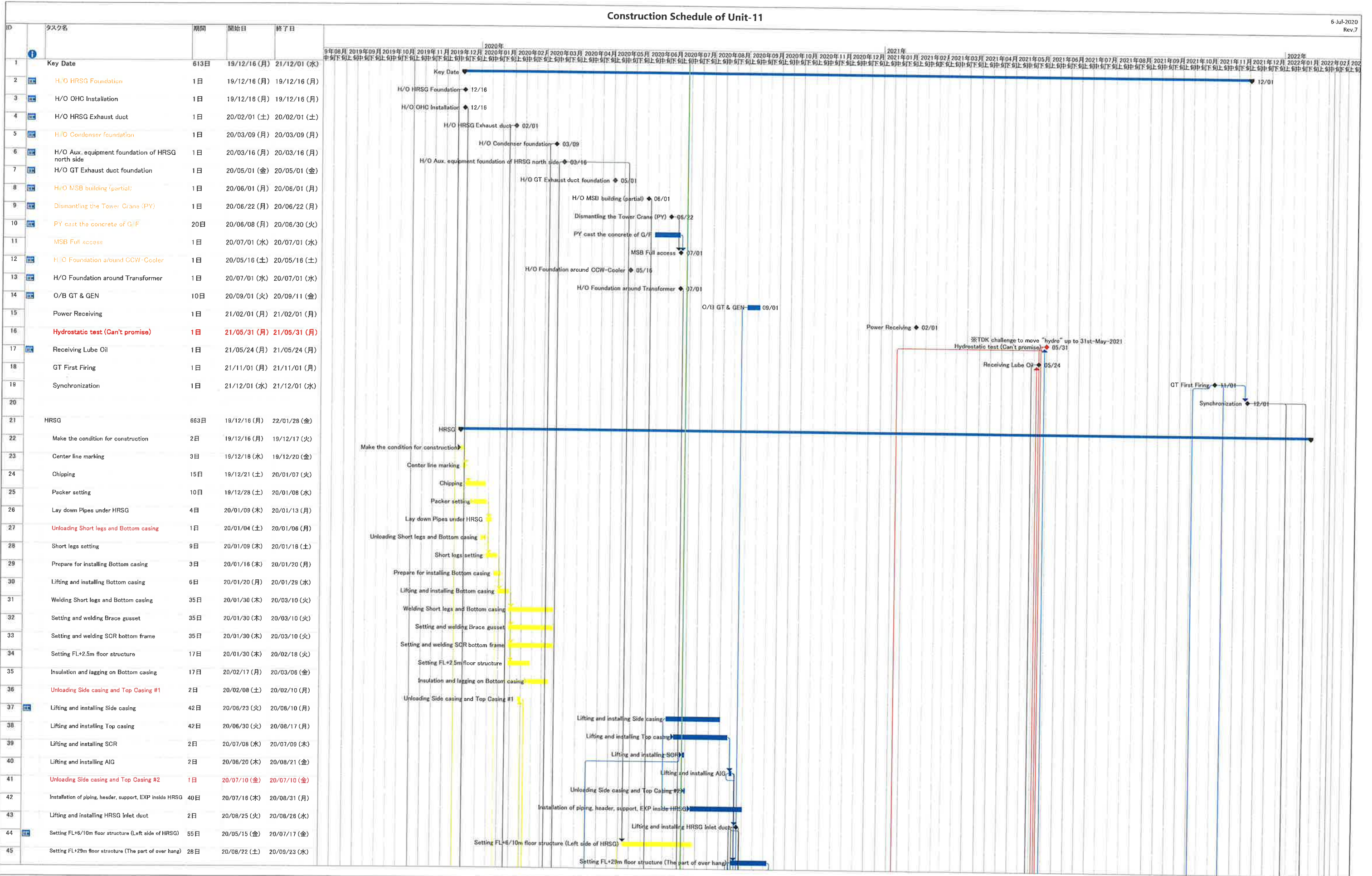
ID	Task Name	Duration	Start	Finish	Half 1, 2021			
					Feb	Mar	Apr	
250	Section D - (iv) Link Bridge between L10 and L11 MSB and at the south of L11 MSB including their associated alternations & additions (A&A) Works at L10 MSB	526 days	Thu 1/11/18	Thu 30/4/20				
251	Area Possession & Clearance	0 days	Thu 1/11/18	Thu 1/11/18				
252	A&A works at South of L10 MSB	60 days	Thu 28/11/19	Fri 7/2/20				
253	Erection of link bridge structural steel	21 days	Fri 7/2/20	Thu 27/2/20				
254	Casting of bridge deck	7 days	Fri 28/2/20	Thu 5/3/20				
255	Metal roofing installation	14 days	Fri 6/3/20	Thu 19/3/20				
256	ABWF work	21 days	Fri 20/3/20	Thu 9/4/20				
257	Form new opening at MSB for final connection	14 days	Fri 27/3/20	Thu 9/4/20				
258	E&M Work for completion	21 days	Fri 10/4/20	Thu 30/4/20				
259	Section D - (v) Gas Duct Foundation, Pipe and Cable Rack and associated trench in Area E20	345 days	Mon 11/2/19	Sat 1/2/20				
260	Area Possession & Clearance + CNY	0 days	Mon 11/2/19	Mon 11/2/19				
261	Sheet pile installation & submit as-built	75 days	Mon 11/2/19	Fri 26/4/19				
262	Consent for excavation	28 days	Sat 27/4/19	Fri 24/5/19				
263	Excavation & plate load test	45 days	Sat 1/6/19	Mon 15/7/19				
264	Construction of foundation	45 days	Tue 16/7/19	Thu 29/8/19				
265	Backfill & Underground utilities	30 days	Fri 30/8/19	Sat 28/9/19				
266	Remaining Pipe & cable rack and associated trenches in Area E20	115 days	Sun 29/9/19	Sat 1/2/20				
267	Section E1 - (i) Link Bridge and Pipe and Cable Rack connecting L11 MSB to the western area of L11 MSB at Area E3	263 days	Wed 1/1/20	Mon 28/9/20				
268	Area Possession	0 days	Wed 1/1/20	Wed 1/1/20				
269	Excavation & construction of new foundation	40 days	Wed 1/1/20	Tue 18/2/20				
270	Backfill	10 days	Wed 19/2/20	Fri 28/2/20				
271	Erection of Structural steel	30 days	Mon 6/7/20	Tue 4/8/20				
272	Backfill & Ground works	55 days	Wed 5/8/20	Mon 28/9/20				
273	Section E1 - (ii) Gas Receiving Station and L11 Gas Receiving Station Equipment Room (GRS) Area Extension at Area E16	173 days	Wed 1/1/20	Tue 30/6/20				
274	Area Possession	0 days	Wed 1/1/20	Wed 1/1/20				
275	Removal of Surcharge and excavation	14 days	Wed 1/1/20	Tue 14/1/20				
276	Modification of Site Drainage	45 days	Wed 15/1/20	Sun 8/3/20				
277	Construction of new RC for GRS Equipment Room	75 days	Tue 14/1/20	Mon 6/4/20				
278	ABWF for GRS Equipment room	45 days	Tue 7/4/20	Thu 21/5/20				
279	E&M Installation	45 days	Sun 17/5/20	Tue 30/6/20				
280	Construction of new Gas pipe plinths & racks	45 days	Sat 22/2/20	Mon 6/4/20				
281	Backfill and construction site drainage	21 days	Tue 7/4/20	Mon 27/4/20				
282	External Paving and install new fencing	60 days	Sat 2/5/20	Tue 30/6/20				
283	Section E1 - (iii) External Works at Area E15 (C)	273 days	Mon 1/6/20	Sun 28/2/21	c.E1(iii) 28 Feb '21			
284	Removal of Surcharge and excavation	45 days	Mon 1/6/20	Wed 15/7/20				
285	Underground drianage, Utilities and RC plinths	123 days	Thu 16/7/20	Sun 15/11/20				
286	Backfill and install surface utilities	45 days	Mon 16/11/20	Wed 30/12/20				
287	Roadwork	60 days	Thu 31/12/20	Sun 28/2/21				Roadwork
288	Section E2 - Pipe and Cable Rack and trench at west of Chimney Road and Pipe and Cable Rack at south of Middle Road at Area E8 and E19	495 days	Wed 1/5/19	Thu 17/9/20				
289	BD consent + Site Possession @ Area E8	0 days	Wed 1/5/19	Wed 1/5/19				
290	Excavation & Plate load test	60 days	Wed 1/5/19	Sat 29/6/19				
291	Foundation and Trench constructions	90 days	Sun 30/6/19	Fri 27/9/19				
292	Backfill & underground utitiles + temp paving	60 days	Sat 28/9/19	Tue 26/11/19				
293	Excavation & plate load test @ E19	60 days	Wed 27/11/19	Wed 5/2/20				
294	Construction of foundations & trenches	45 days	Thu 6/2/20	Sat 21/3/20				
295	Backfill & underground utitiles	60 days	Sun 22/3/20	Wed 20/5/20				
296	Pipe & cable rack Erection	60 days	Thu 21/5/20	Sun 19/7/20				
297	Ground reinstatement	60 days	Mon 20/7/20	Thu 17/9/20				
298	Section E3 - Gas Pipe Support Foundation and Pipe Trench and associated external works at Area E14, E15 (A) and E15 (B)	173 days	Wed 1/1/20	Tue 30/6/20				
299	Removal of surcharge / site clearance	21 days	Wed 1/1/20	Tue 21/1/20				
300	Excavation & construction of pipe trench	30 days	Wed 22/1/20	Sat 29/2/20				
301	Construction of gas pipe support foundation	30 days	Sun 1/3/20	Mon 30/3/20				
302	Construction of underground drainage and utilities	60 days	Tue 31/3/20	Fri 29/5/20				

ID	Task Name	Duration	Start	Finish	Half 1, 2021			
					Feb	Mar	Apr	
303	Backfill & road work	32 days	Sat 30/5/20	Tue 30/6/20				
304	Section E4 - 275kV cable trenching works connecting the 275kV Switching Station Extension and L11 MSB at Area E9 (A)	185 days	Fri 15/3/19	Sun 15/9/19				
305	Site possession	0 days	Fri 15/3/19	Fri 15/3/19				
306	Obtain Permit to work & Road close permit	10 days	Fri 15/3/19	Sun 24/3/19				
307	Excavation & construction new cable trench to 275kV	45 days	Mon 25/3/19	Wed 8/5/19				
308	Excavation & construction new cable trench to L11MSB	130 days	Thu 9/5/19	Sun 15/9/19				
309	Section F - 275kV Station Building Extension and associated works at Area E17	709 days	Fri 1/6/18	Sat 30/5/20				
310	Installation of ELS for 275kV Switching Station near Staircase ST-3 and ST-6	14 days	Fri 1/6/18	Thu 14/6/18				
311	Construction of Staircase ST-3	110 days	Fri 15/6/18	Tue 2/10/18				
312	BD Amendment Approval on A&A	0 days	Mon 17/12/18	Mon 17/12/18				
313	BD Amendment Approval on A&A ST3 & Drainage	0 days	Mon 4/2/19	Mon 4/2/19				
314	OP inspection of Staircase ST-3	14 days	Mon 11/2/19	Sun 24/2/19				
315	Consent of New Foundation Works (Stage 1)	0 days	Fri 19/10/18	Fri 19/10/18				
316	Consent & BA10 for Demolition of Existing Staircase	0 days	Fri 8/3/19	Fri 8/3/19				
317	Demolition of Existing Staircase and Submit BA14A	14 days	Sat 9/3/19	Fri 22/3/19				
318	BD inspection for BA14A & Issue OP	28 days	Sat 23/3/19	Fri 19/4/19				
319	Consent & BA10 for New Foundation Work (Stage 2)	28 days	Sat 13/4/19	Fri 10/5/19				
320	Hoarding Modification	7 days	Fri 19/10/18	Thu 25/10/18				
321	Pile Cap & Tie Beam Construction (Stage 1)	98 days	Fri 26/10/18	Thu 31/1/19				
322	Erection of Tower Crane	40 days	Mon 11/2/19	Fri 22/3/19				
323	Pile Cap and Tie Beam (Stage 2)	21 days	Sat 11/5/19	Fri 31/5/19				
324	RC Construction up to 1/F (Stage 1)	30 days	Sat 11/5/19	Sun 9/6/19				
325	RC Construction up to 1/F (Stage 2)	75 days	Sat 1/6/19	Wed 14/8/19				
326	Construction of Staircase ST6	90 days	Sun 15/9/19	Fri 13/12/19				
327	Shop Drawing Submission & Approval of Structural Steel	45 days	Wed 27/2/19	Fri 12/4/19				
328	Structural Steel fabrication & Delivery	60 days	Sat 13/4/19	Tue 11/6/19				
329	Erection of Structural Steel GL 17~18	30 days	Fri 16/8/19	Sat 14/9/19				
330	Erection of Structural Steel GL 8~17	60 days	Sun 15/9/19	Wed 13/11/19				
331	Metal Cladding Delivery	60 days	Wed 7/8/19	Sat 5/10/19				
332	Metal Door, Window & Louve Delivery	45 days	Sun 6/10/19	Tue 19/11/19				
333	Erection of Working Platform and Scaffold	150 days	Mon 1/7/19	Wed 27/11/19				
334	Install Decking	60 days	Wed 9/10/19	Sat 7/12/19				
335	RC Walls from 1/F @ GIS Hall	40 days	Thu 31/10/19	Mon 9/12/19				
336	Construction of 2/F RC slab	14 days	Tue 10/12/19	Mon 23/12/19				
337	Construction of R/F RC slab	21 days	Tue 24/12/19	Wed 15/1/20				
338	Construction of UR/F RC slab	14 days	Thu 16/1/20	Fri 7/2/20				
339	Construction of GIS Hall Floor	60 days	Tue 24/12/19	Tue 3/3/20				
340	Installation of Overhead Crane (By JEC)	60 days	Wed 4/3/20	Sat 2/5/20				
341	Construction of staircase ST4, ST5, Lift Shaft & Equip Floors	150 days	Sun 15/9/19	Sat 22/2/20				
342	Lift Installation	90 days	Sun 23/2/20	Fri 22/5/20				
343	Concrete of RC walls, plinths, kerb & parapet walls & New trench for LV Power	30 days	Tue 24/12/19	Sun 2/2/20				
344	ABWF Works @ G/F	50 days	Mon 14/10/19	Mon 2/12/19				
345	ABWF Works @ 1/F	50 days	Wed 13/11/19	Fri 3/1/20				
346	ABWF Works @ 2/F	75 days	Fri 13/12/19	Sat 7/3/20				
347	ABWF Works @ R/F	30 days	Tue 14/1/20	Fri 21/2/20				
348	ABWF Works @ UR/F	21 days	Mon 3/2/20	Sun 23/2/20				
349	Waterproofing Works at R/F & UR/F	45 days	Thu 16/1/20	Mon 9/3/20				
350	Building Services E&M Access & Installation & T&C	150 days	Wed 13/11/19	Tue 21/4/20				
351	Metal Cladding, Windows and Louvres incl. Roof Feature	90 days	Tue 24/12/19	Thu 2/4/20				
352	Shutter Erection	30 days	Fri 3/4/20	Sat 2/5/20				
353	Removal of External Scaffolding + Tower Crane	35 days	Fri 3/4/20	Thu 7/5/20				
354	External Underground Drainage and Utilities	30 days	Fri 17/4/20	Sat 16/5/20				
355	Road & Paving Reinstatement	30 days	Fri 1/5/20	Sat 30/5/20				
356	Ready for FSD & OP Inspection	0 days	Sat 30/5/20	Sat 30/5/20				
357	Section G - A&A Works at No. 4 C.W. Intake at Area E12	143 days	Wed 1/1/20	Sun 31/5/20				
358	Permit to work	0 days	Wed 1/1/20	Wed 1/1/20				
359	Erection of temp. platform	14 days	Wed 1/1/20	Tue 14/1/20				
360	Demolition work	30 days	Wed 15/1/20	Sat 22/2/20				
361	Modify existing slab openings	75 days	Sun 23/2/20	Thu 7/5/20				
362	Curing + Removal of platform	24 days	Fri 8/5/20	Sun 31/5/20				
363	Section H - L11 Steel flue liner at No. 4 Chimney	186 days	Tue 1/1/19	Mon 15/7/19				
364	Complete erection of L10 Steel flue	0 days	Tue 1/1/19	Tue 1/1/19				
365	Modification of erection equipment	21 days	Tue 1/1/19	Mon 21/1/19				
366	Erection temp. platform and demolition work	30 days	Tue 22/1/19	Sat 2/3/19				
367	Structural steel delivery & Erection	85 days	Sun 3/3/19	Sun 26/5/19				
368	Removal of temp. work	5 days	Mon 27/5/19	Fri 31/5/19				
369	Reinstate G/F louvre wall and access door	45 days	Sat 1/6/19	Mon 15/7/19				

ID	Task Name	Duration	Start	Finish	Half 1, 2021			
					Feb	Mar	Apr	
370	Section I - (i) 275kV cable trenching works connecting the 275kV Switching Station Extension and L11 MSB at Area E9 (B)	232 days	Sun 15/9/19	Fri 15/5/20				
371	Obtain Permit to work & Road close permit	0 days	Sun 15/9/19	Sun 15/9/19				
372	Excavation & construction new cable trench	160 days	Mon 16/9/19	Wed 4/3/20				
373	Re-excavate cable trench for cable laying	72 days	Thu 5/3/20	Fri 15/5/20				
374	Section I - (ii) Interconnector 2 Trench Modification Works at Area E10	275 days	Wed 1/4/20	Thu 31/12/20				
375	Obtain Permit to work & Road close permit	0 days	Wed 1/4/20	Wed 1/4/20				
376	Re-excavate & new cable trench for cable laying	275 days	Wed 1/4/20	Thu 31/12/20				
377	Section J - (i) Demolition of Retractable Cover A&B & (ii) Construction of new LOT 3 & 4	426 days	Sun 1/3/20	Fri 30/4/21				
378	Obtain permit to work & Road close permit	0 days	Sun 1/3/20	Sun 1/3/20				
379	Erection of Hoarding	21 days	Sun 1/3/20	Sat 21/3/20				
380	Removal of existing cover & structural steel	30 days	Sun 22/3/20	Mon 20/4/20				
381	Demolish of existing bund wall and staircases	45 days	Tue 21/4/20	Thu 4/6/20				
382	Demolish of existing slab & foundation	60 days	Fri 5/6/20	Mon 3/8/20				
383	Consent for new work	30 days	Tue 4/8/20	Wed 2/9/20				
384	Construction of new bund wall and foundation	100 days	Thu 3/9/20	Fri 11/12/20				
385	Construction of new oil separator	80 days	Wed 23/9/20	Fri 11/12/20				
386	Construct underground drainage and surface channel	40 days	Sat 12/12/20	Wed 20/1/21				
387	Construction on-grade slab	60 days	Thu 21/1/21	Sun 21/3/21				
388	Removal of hoarding and ground reinstatement	40 days	Mon 22/3/21	Fri 30/4/21				
389	Section K1 - External works at Area 15 (E) and 15(F)	365 days	Mon 1/6/20	Mon 31/5/21				
390	Removal of surcharge	30 days	Mon 1/6/20	Tue 30/6/20				
391	Construct new drainage and utilities work	200 days	Wed 1/7/20	Sat 16/1/21				
392	Road & Paving	135 days	Sun 17/1/21	Mon 31/5/21				
393	Section K2 - Removal of Southern Bund and External Works at Area D5, D6 and D7	365 days	Mon 1/6/20	Mon 31/5/21				
394	Demolition work	30 days	Mon 1/6/20	Tue 30/6/20				
395	Construct new drainage and utilities work	200 days	Wed 1/7/20	Sat 16/1/21				
396	Road & Paving	135 days	Sun 17/1/21	Mon 31/5/21				
397	Section K3 - All remaining works shall be completed for reporting completion to BD and ready for OP inspection (PS1.4.4)	623 days	Wed 8/1/20	Thu 30/9/21				
398	Completion of remaining roof after over headcrane move in	30 days	Wed 8/1/20	Sat 15/2/20				
399	Construction of G/F Lube Oil Tank Room (BY TDK)	61 days	Tue 6/10/20	Sat 5/12/20				
400	Construction of wall and staircase at G/F after Condensor Move in	90 days	Mon 6/7/20	Sat 3/10/20				
401	Construction of Durasteel Steel wall panel after IBP installation	30 days	Sun 20/9/20	Mon 19/10/20				
402	Construction of Transformer fence wall, cladding & associated FS services	122 days	Tue 1/9/20	Thu 31/12/20				
403	Final restatement of road & paving around MSB & HRSG	122 days	Tue 1/9/20	Thu 31/12/20				
404	Installation of trench covers and gratings after plant installation	151 days	Thu 1/10/20	Sun 28/2/21				
405	Backfill and reinstatement after 275kV cable laying	122 days	Tue 1/6/21	Thu 30/9/21				

Construction Schedule of Unit-11

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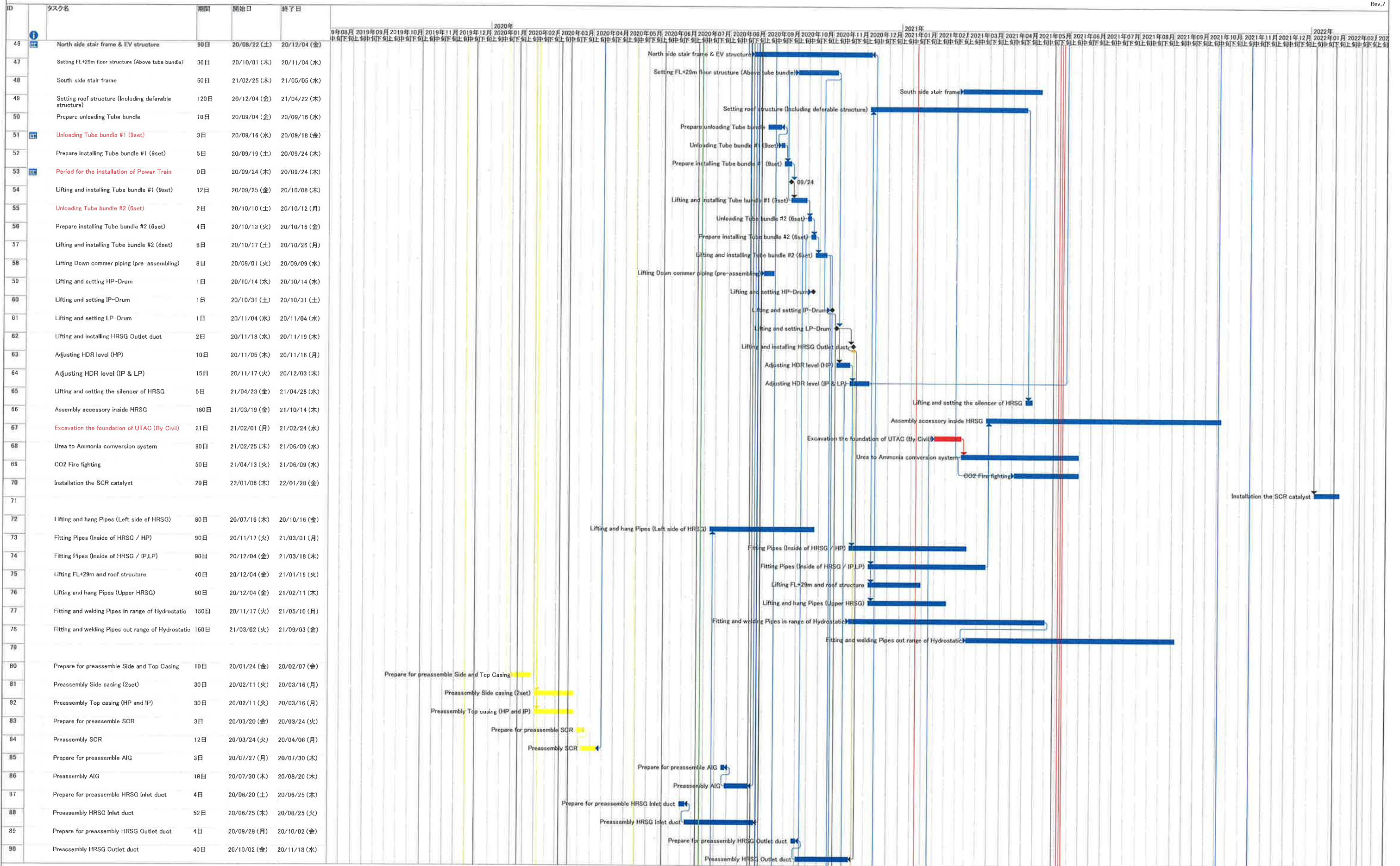


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 - ・ Installation Exhaust duct was re-started from 15th-May
2. To consider that structure of Takasago portion is delayed

4. To consider the delay of H/O date from PDC
5. Add the schedule of the electric work and the replacement the gantry crane for CWP

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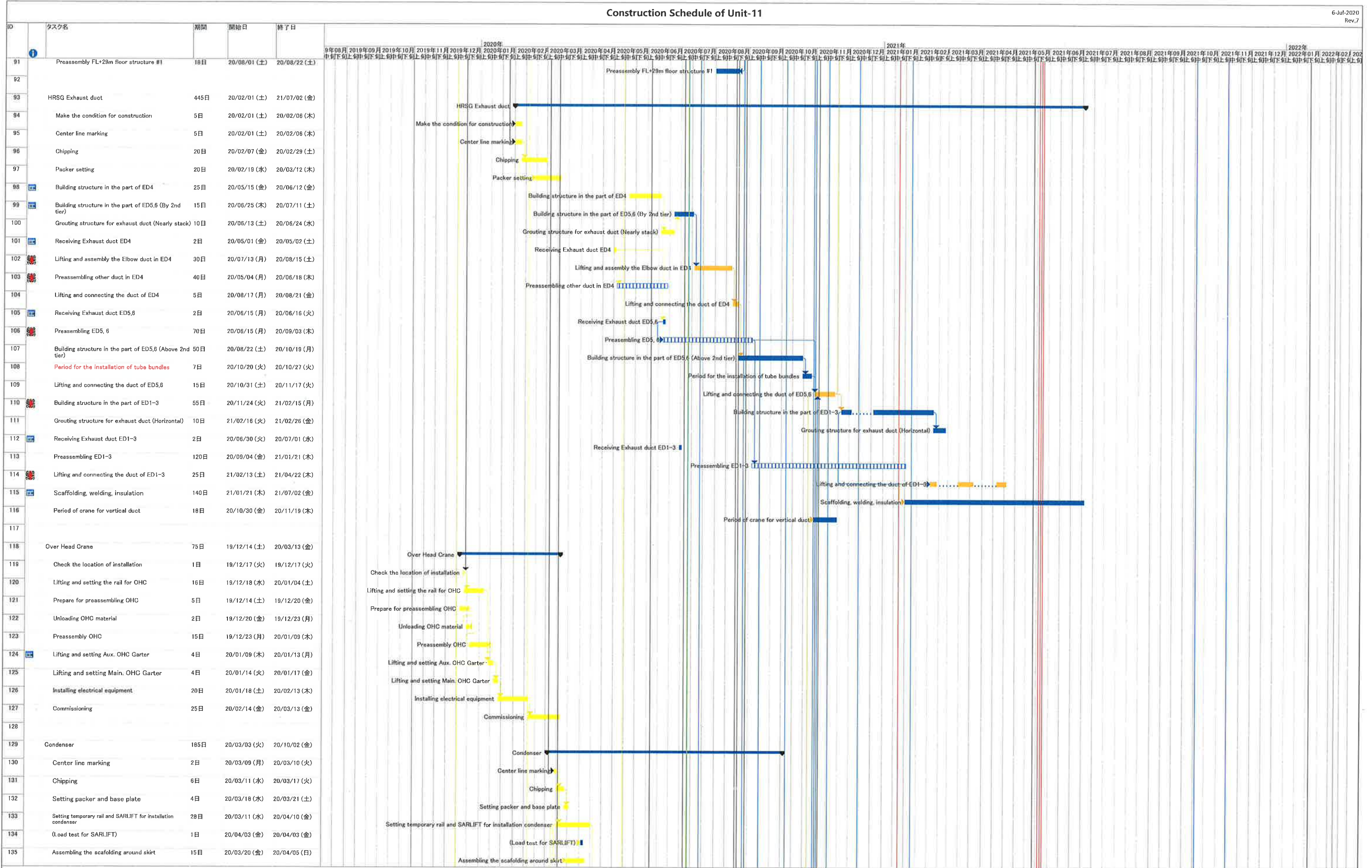


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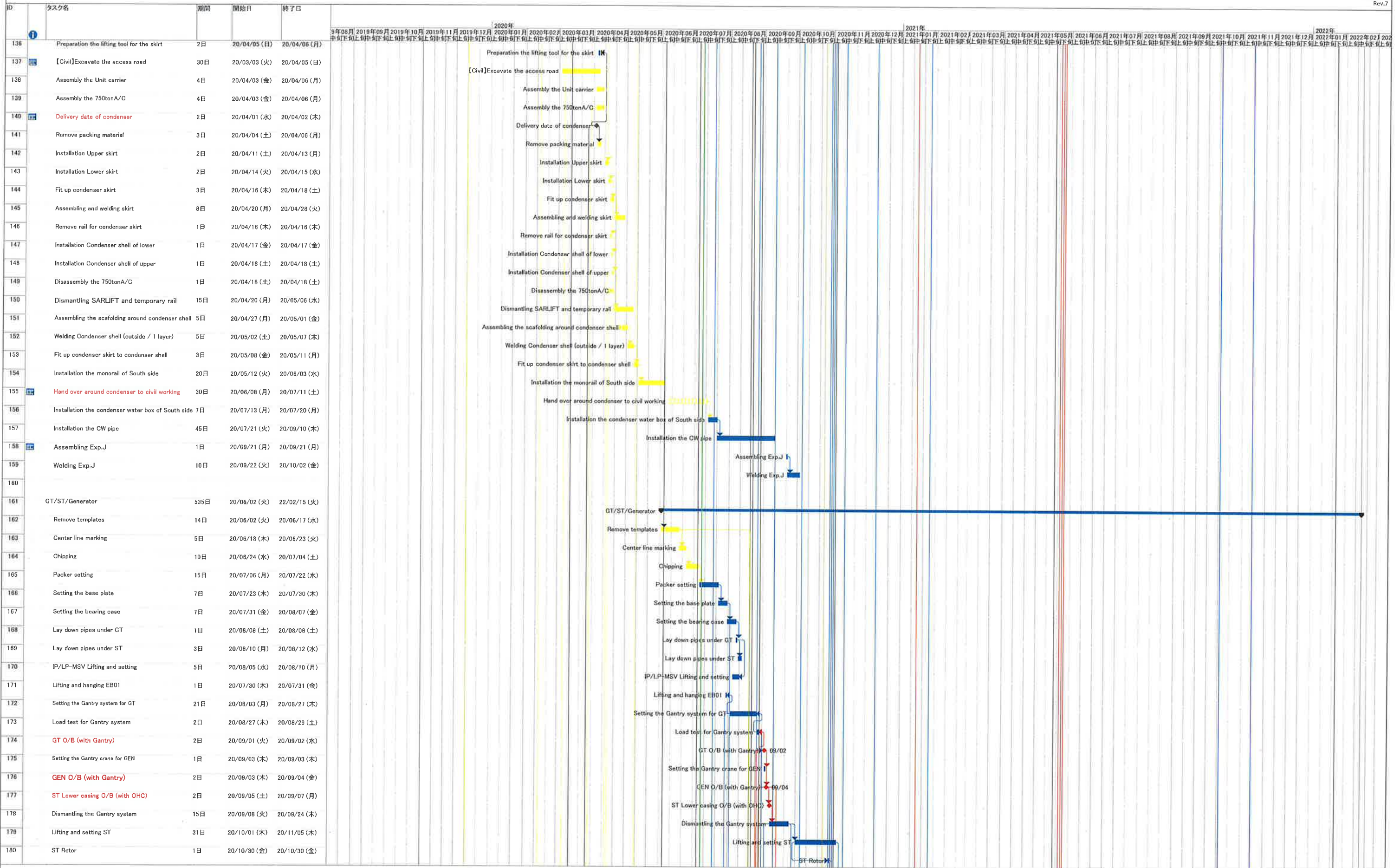


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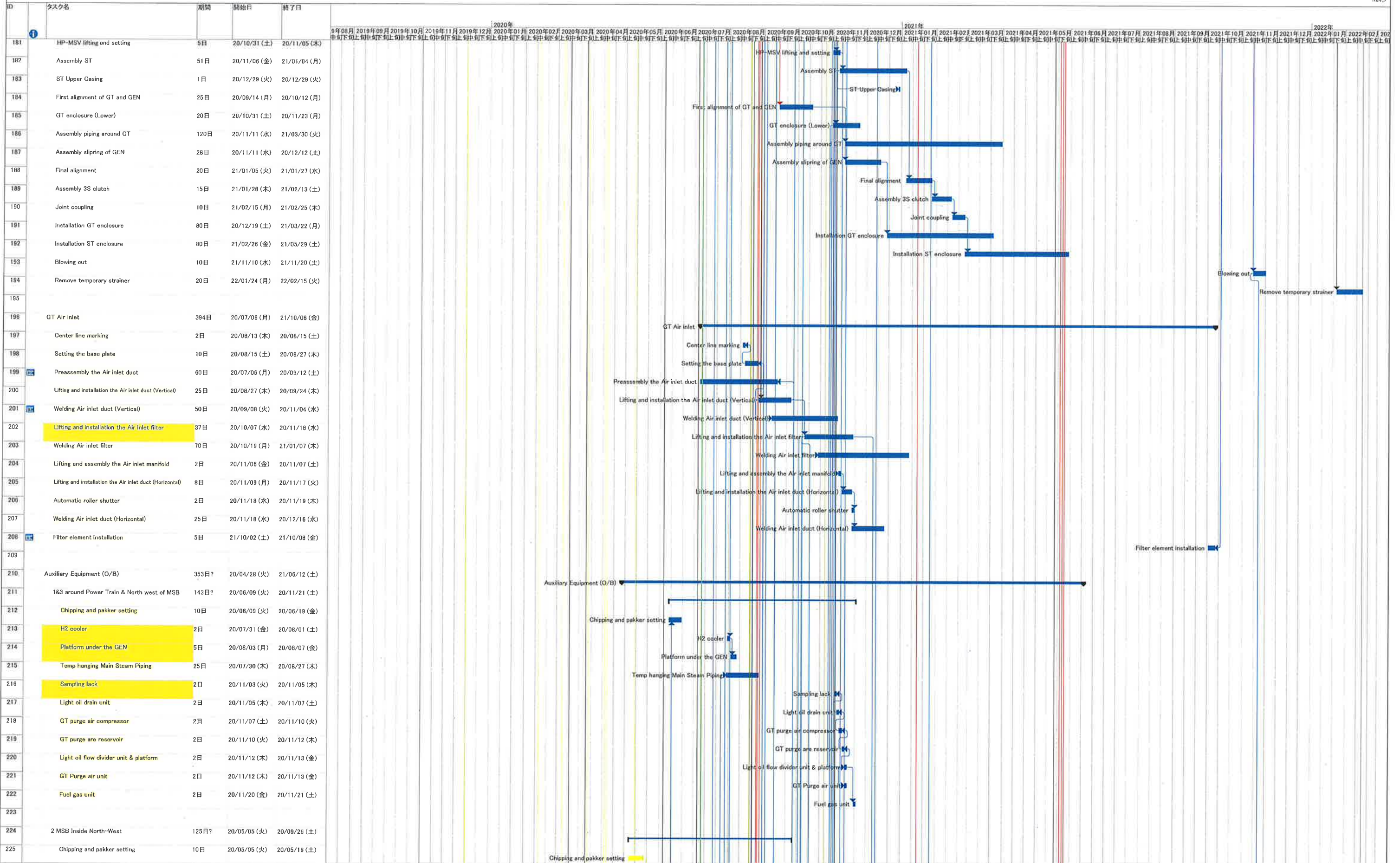


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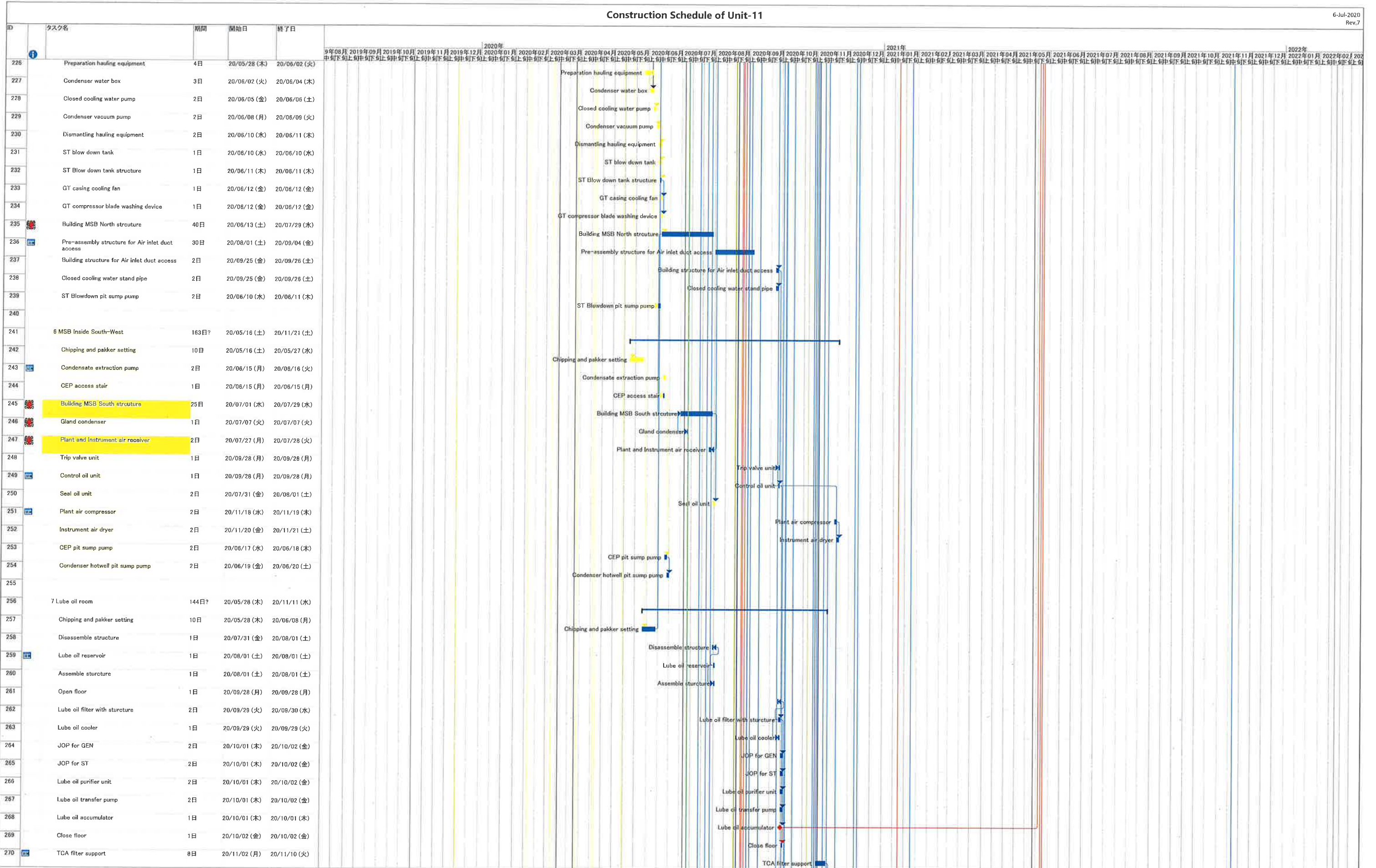


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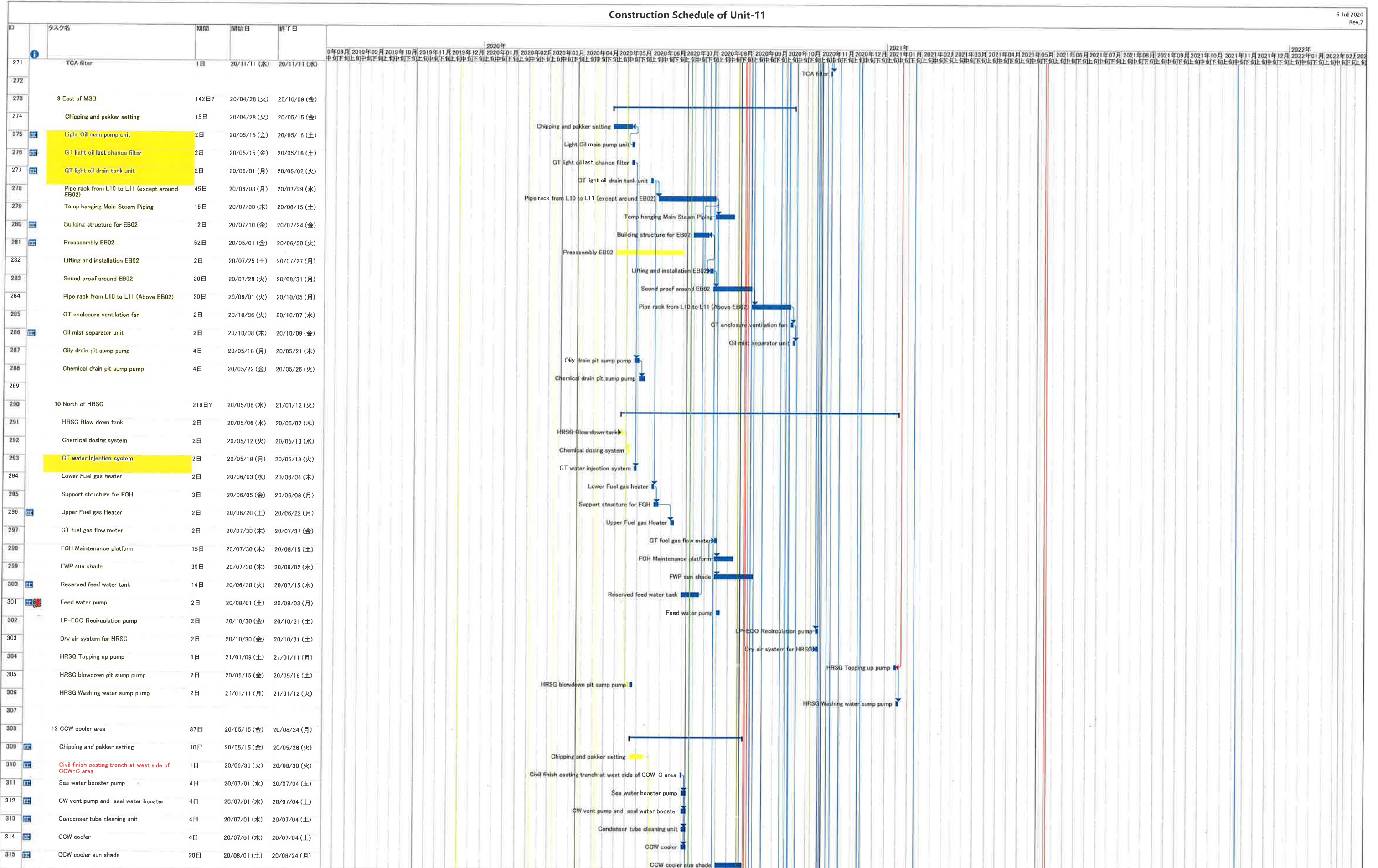


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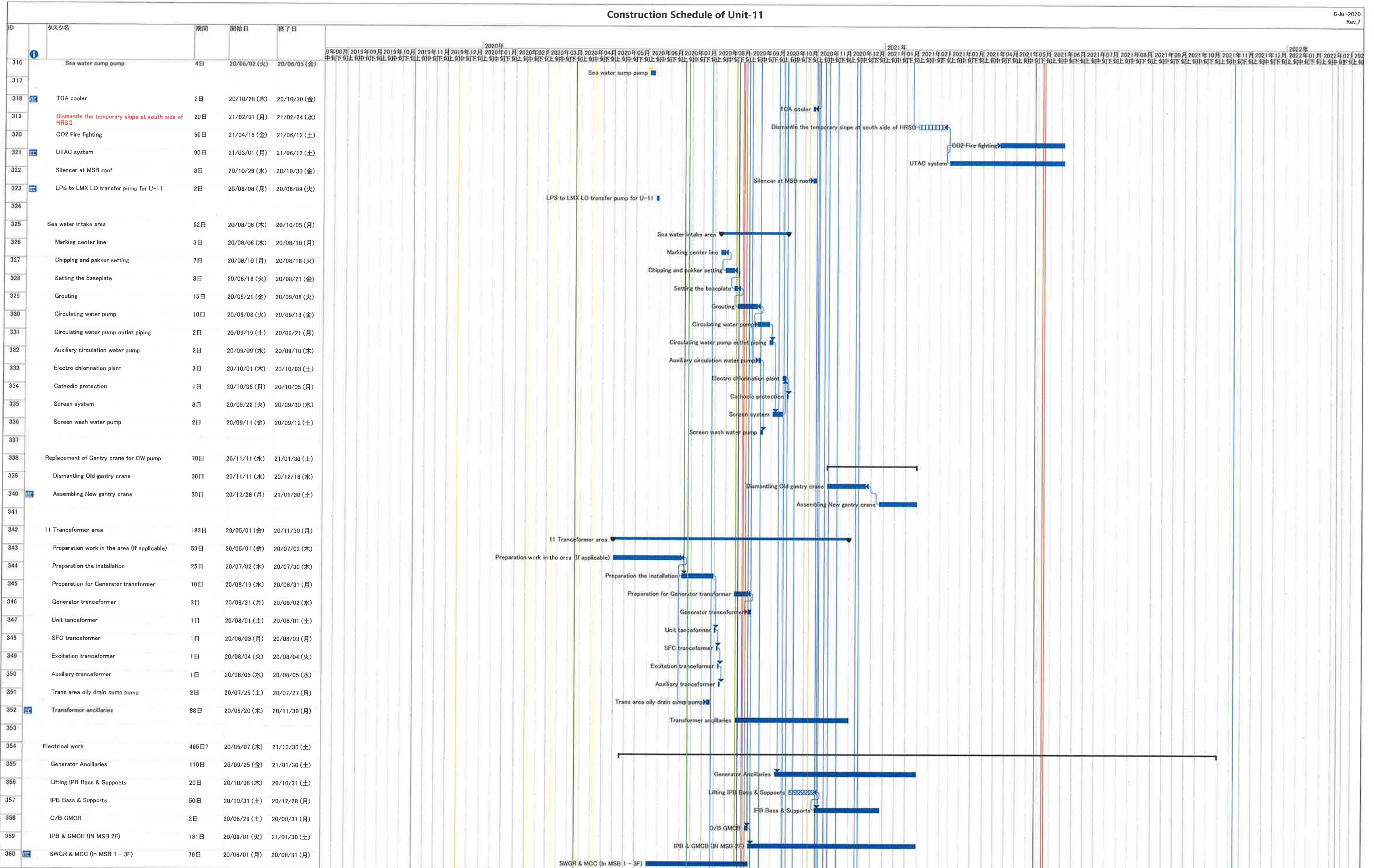


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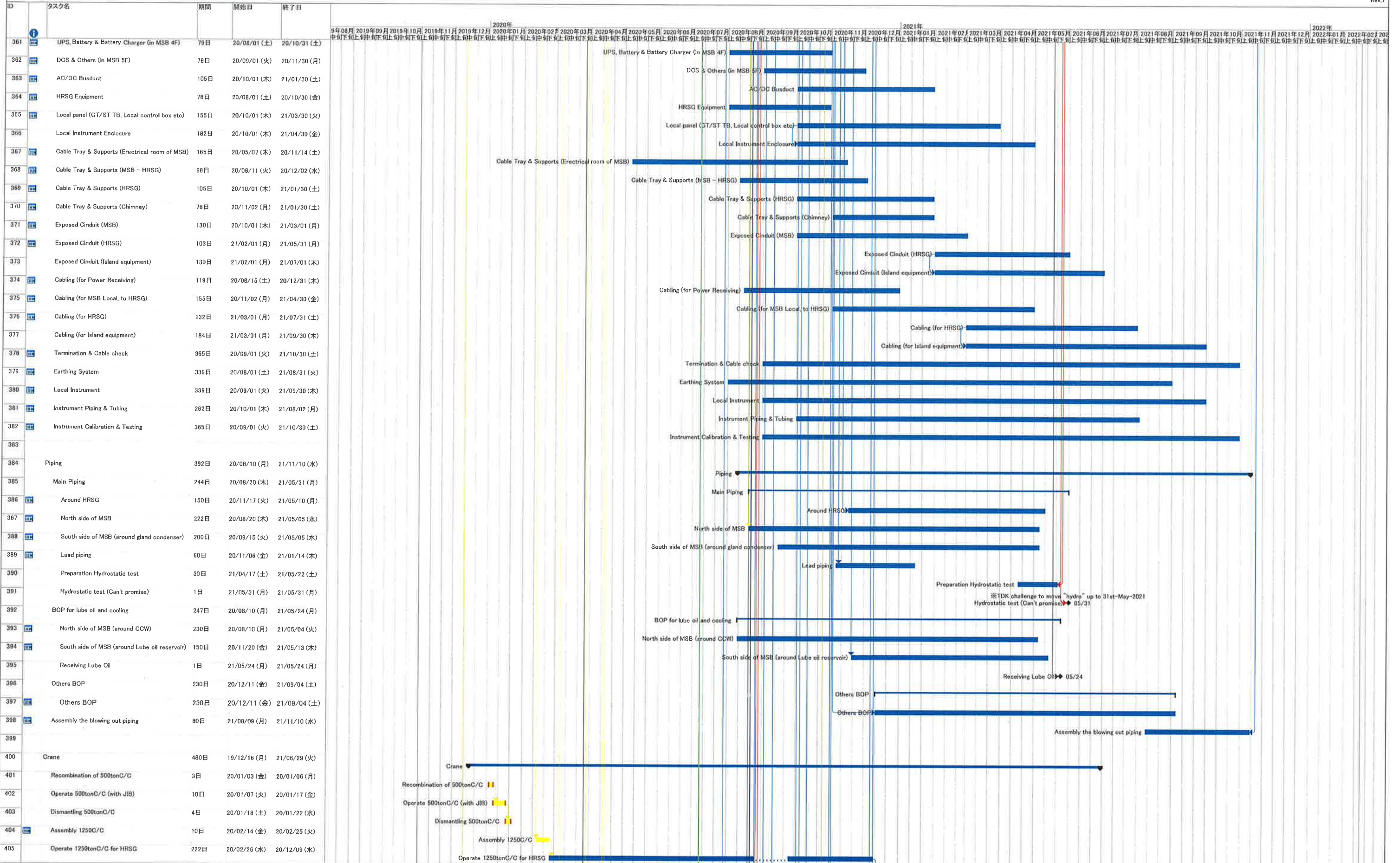


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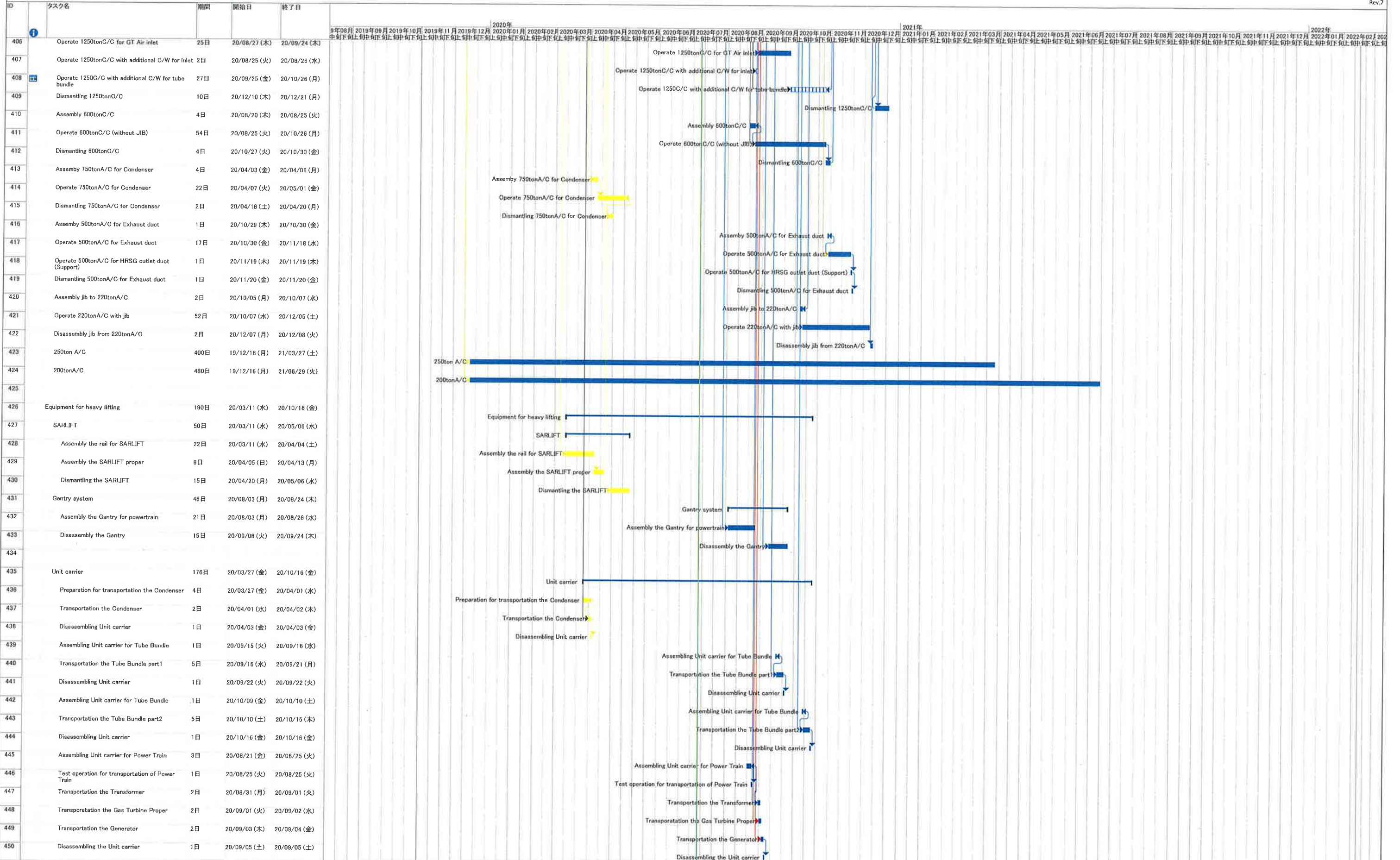


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Rev.7



1. Change the starting date of installation below
 - ・ Installation HRSG was re-started from 23rd-Jun
 - ・ Installation Exhaust duct was re-started from 15st-May
2. To consider that structure of Takasago portion is delayed

4. To consider the delay of H/O date from PDC
5. Add the schedule of the electric work and the replacement the gantry crane for CWP

Contract No. 19/83002 Lamma Power Station Extension Civil and Building Works for Unit L12 MASTER PROGRAMME

ID	Task Name	Duration	Start	Finish	Feb. 2021	Mar. 2021	Apr. 2021
1	KEY DATES & MILESTONES	1123 days	Fri 4/12/20	Sun 31/12/23			
2	Contract Period	1123 days	Fri 4/12/20	Sun 31/12/23			
3	Deferred Work Completion Key Dates	784 days	Mon 8/1/21	Sun 31/12/23			
4	Substantial Completion of the Whole Contract Works (1123 Days)	0 days	Sun 31/12/23	Sun 31/12/23			
5	SITE POSSESSION DATES	513 days	Fri 4/12/20	Sun 1/5/22			
6	Site Possession Date as phased site possession plan and PS1.4.2	0 days	Fri 4/12/20	Fri 4/12/20			
7	Site Possession Date as phased site possession plan and PS1.4.2	0 days	Fri 11/1/21	Fri 11/1/21			
8	Site Possession Date as phased site possession plan and PS1.4.2	0 days	Sat 1/5/21	Sat 1/5/21			
9	Site Possession Date as phased site possession plan and PS1.4.2	0 days	Fri 1/10/21	Fri 1/10/21			
10	Site Possession Date as phased site possession plan and PS1.4.2	0 days	Fri 1/4/22	Fri 1/4/22			
11	Site Possession Date as phased site possession plan and PS1.4.2	0 days	Sun 1/5/22	Sun 1/5/22			
12	COMPLETION DATES as per PS1.4.2 Time for Completion	609 days	Wed 30/6/21	Tue 28/2/23			
13	Section A1 (i) - Area south of L12 MSB and L12 HRSG from GL12-F eastwards leading to Chimney Road at Area F1 & F2	0 days	Thu 30/9/21	Thu 30/9/21			
14	Section A1 (ii) - Supporting structures for overhead cranes of L12 MSB including the associated roof structure except the roof deferred works	0 days	Thu 30/9/21	Thu 30/9/21			
15	Section A2 (i) External Works including CW Inlet Culvert at Area F8A	0 days	Thu 30/9/21	Thu 30/9/21			
16	Section A2 (ii) External Works including CW Inlet Culvert at Area F8B	0 days	Thu 31/3/22	Thu 31/3/22			
17	Section A2 (iii) External Works including CW Inlet Culvert at Area F8C	0 days	Thu 31/3/22	Thu 31/3/22			
18	Section B1 - Area south of L12 MSB from GL12-F westwards leading to Station Road at Area F3	0 days	Wed 15/12/21	Wed 15/12/21			
19	Section B2 (i) - Southern Part of L12 HRSG areas and its surrounding refer to Area F8B as shown in drawing no 5	0 days	Tue 31/8/21	Tue 31/8/21			
20	Section B2 (ii) - Remaining northern part of L12 HRSG area and its surrounding at Area F8A and F8C	0 days	Mon 15/11/21	Mon 15/11/21			
21	Section B2 - (iii) L12 Turbo Block foundation including the L12 MSB ground floor together with the equipment foundations between GL 12-F to 12-H and 12-1 to 12-6 for the installation of power generator, air inlet duct and lube oil reservoir	0 days	Sat 15/1/22	Sat 15/1/22			
22	Section B2 - (iv) G/F of L12 MSB including the Condenser Pit, Circulating Water Pipe Pit and equipment foundations between GL 12-B to 12-C and 12-1 to 12-6 for the installation of condenser	0 days	Wed 15/12/21	Wed 15/12/21			
23	Section C - (i) Roads and external grounds surrounding L12 MSB and L12 HRSG in addition to the southern & eastern areas mentioned above in Area F5	0 days	Sat 15/1/22	Sat 15/1/22			
24	Section C - (ii) Whole of L12 MSB including the pipe and cable rack along south facade of L12 MSB with all underground utilities at Area F4 including C.W. Inlet and Outlet Culvert except the deferred works	0 days	Sat 15/1/22	Sat 15/1/22			
25	Section C - (iii) Link Bridge between L11 and L12 MSB including their associated A&A at L11 MSB	0 days	Sat 15/1/22	Sat 15/1/22			
26	Section D - (i) Microwave Antenna Room and Chimney Windshiled for the installation of microwave equipment and antenna	0 days	Wed 30/6/21	Wed 30/6/21			
27	Section D (ii) - No. 5 Chimney with L12 Steel Flue liner	0 days	Sat 30/4/22	Sat 30/4/22			
28	Section E (i) - 1x Room of Administration and Control Building	0 days	Sun 31/10/21	Sun 31/10/21			
29	Section E (ii) - GF, 1/F, 2/F & Hoisting Well of Admin. & Control Building	0 days	Mon 28/2/22	Mon 28/2/22			
30	Section E (iii) - Whole of Admin. And Control Building	0 days	Sat 30/4/22	Sat 30/4/22			
31	Section F (i) - Gas Receiving Station and L12 Gas Receiving Station Equipment Room (GRS) Area Extension at Area F14	0 days	Thu 30/6/22	Thu 30/6/22			
32	Section F (ii) - Pipe and Cable rack and external work at Area F9A and F9B	0 days	Tue 31/5/22	Tue 31/5/22			
33	Section F (iii) - No. 5 CW Equipment Room, pipe and cable rack, external works at Area F10	0 days	Thu 30/6/22	Thu 30/6/22			
34	Section G (i) - External Work surrounding Area F11	0 days	Fri 30/9/22	Fri 30/9/22			
35	Section G (ii) - External Works at Area F12 & F13	0 days	Fri 30/9/22	Fri 30/9/22			
36	Section G (iii) - FS Modification works along South Seaford Road at Area F15	0 days	Fri 30/9/22	Fri 30/9/22			
37	Section G (iv) - 275KV cable trenches and External Works at Area F16	0 days	Fri 30/9/22	Fri 30/9/22			
38	Section G (v) - Shunt Reactor Compound and External Works at Area F17	0 days	Fri 30/9/22	Fri 30/9/22			
39	Section G (vi) - 275KV cable trenches and External Works at Area F18	0 days	Wed 1/6/22	Wed 1/6/22			
40	Section G (vii) - Flood Wall at No. 4 CW Intake Area along HUA at Area F20A	0 days	Thu 30/9/21	Thu 30/9/21			
41	Section G (viii) - Flood wall at No. 5 CW Intake Area along HUA at Area F20B	0 days	Fri 30/9/22	Fri 30/9/22			
42	Section G (ix) - Bund wall modification works at South Seaford Road at Area F21	0 days	Wed 30/6/21	Wed 30/6/21			
43	Section G (x) - DAX Cable Diversion Works (from Part 1 to Part IV)	0 days	Sat 31/1/22	Sat 31/1/22			
44	Section H - All remaining works shall be completed for reporting completion to BD and ready for OP inspection	0 days	Tue 28/2/23	Tue 28/2/23			
45	GENERAL & PRELIMINARY	228 days	Fri 4/12/20	Mon 19/7/21			
46	First Mobilization	18 days	Fri 4/12/20	Mon 19/1/21			
47	Set up Temporary Site Office and Welfare Facilities	90 days	Tue 22/12/20	Sun 21/3/21			
48	Permit Applications & Statutory Submissions	120 days	Mon 22/3/21	Mon 19/7/21			
49	Existing Utilities scanning & Excavation Permit	45 days	Tue 22/12/20	Thu 4/2/21			
50	Tower Crane erections	60 days	Sun 27/12/20	Wed 24/2/21			
51	TECHNICAL SUBMISSION AND APPROVAL	314 days	Thu 10/12/20	Wed 20/10/21			
52	BD Approval & Consent (if required)	0 days	Thu 10/12/20	Thu 10/12/20			
53	Submission and Approval of Master Programme	14 days	Fri 11/12/20	Thu 24/12/20			
54	Work Execution Overall Plan submission & approval	14 days	Fri 11/12/20	Thu 24/12/20			
55	Material Submissions and approval	300 days	Fri 25/12/20	Wed 20/10/21			
56	Method Statement submission and approval	300 days	Fri 25/12/20	Wed 20/10/21			
57	BIM Model, CSD & CBWD Submission & approval	120 days	Fri 25/12/20	Fri 23/4/21			
58	Structure Steelwork Connection Design Submission & BD approval	45 days	Tue 29/12/20	Thu 11/2/21			
59	Structure Steelwork Shop Drawing & Approval	30 days	Fri 12/2/21	Sat 13/3/21			
60	Metal Cladding, louvre & windows submission & BD approval	45 days	Tue 29/12/20	Thu 11/2/21			
61	Metal Cladding, louvre & windows shop drawing submission	45 days	Fri 12/2/21	Sun 28/3/21			
62	Order, Off Site Fabrication and Delivery (S. Steel & Cladding & Louvres)	120 days	Mon 29/3/21	Mon 26/7/21			
63	ELS Submission and BD approval	90 days	Fri 11/12/20	Wed 10/3/21			
64	No. 5 Chimney windshield temporary work submission, approval & fabrication	60 days	Fri 11/12/20	Mon 8/2/21			
65	Steel Flue Assessment Report and Design Drawings submission & approval	60 days	Tue 9/2/21	Fri 9/4/21			
66	Folding Shutters Shop Drawing Submission & Approval	30 days	Thu 11/2/21	Thu 11/2/21			
67	Fabrication & Delivery of Folding Shutters	180 days	Sat 13/3/21	Wed 8/9/21			
68	Sewage Pump System Design submission & approval	45 days	Tue 23/2/21	Thu 8/4/21			
69	Fabrication & Delivery of Sewage Pump	180 days	Fri 9/4/21	Tue 5/10/21			
70	Other material submission & approval & delivery	180 days	Sat 24/4/21	Wed 20/10/21			
71	Other material submission & approval & delivery	180 days	Sat 24/4/21	Wed 20/10/21			
72	CONSTRUCTION	1123 days	Fri 4/12/20	Sun 31/12/23			
73	Coordination with the Employer's Specialist Contractors	421 days	Mon 22/3/21	Mon 16/5/22			
74	Installation of Puddle Pipes at C.W. outlet Culvert	7 days	Mon 22/3/21	Sun 28/3/21			
75	Installation of Puddle Pipes at C.W. Inlet Culvert	7 days	Tue 11/5/21	Mon 17/5/21			
76	Template setting at L12 Turbo Block Foundation	45 days	Thu 28/10/21	Sat 11/12/21			
77	Template setting of holding down bolts at HRSG column base	45 days	Sun 6/6/21	Tue 20/7/21			
78	I-beam / channel base installation on top of transformer foundations at Transformer Area	45 days	Tue 1/6/21	Thu 15/7/21			
79	Overhead crane erection at turbine hall using access through a temporary opening at L12 MSB roof between GL12-G to 12-H and 12-2 to 12-6	38 days	Fri 1/10/21	Sun 7/11/21			
80	Condenser assembly and erection using access through a temporary facade opening at L12 MSB below 1/F along GL 12-6 from GL12-B to 12-C including a clear space below 1/F between GL 12-B to 12-C	122 days	Thu 16/12/21	Sat 16/4/22			
81	Installation of power train equipment including air inlet duct using access through a temporary facade opening at L12 MSB below 1/F along GL 12-6 from GL12-F to 12-H including a clear space below 1/F of the above area	121 days	Sun 16/1/22	Mon 16/5/22			
82	Installation of embedded materials such as holding down bolts for equipment foundations - Commencement	0 days	Thu 15/4/21	Thu 15/4/21			
83	Section A1 (ii) - Supporting structures for overhead cranes of L12 MSB including the associated roof structure except the roof deferred works	301 days	Fri 4/12/20	Thu 30/9/21			
84	Area Possession & Clearance	30 days	Fri 4/12/20	Sat 2/1/21			
85	Subletting / Fabrication / Delivery (both for Area F1 and Area F2)	60 days	Sun 17/1/21	Sun 17/3/21			
86	Excavation for CW Inlet Culvert (Type D Construction Area)	14 days	Mon 8/3/21	Sun 21/3/21			
87	Installation CW Inlet Culvert pipe + testing	30 days	Mon 22/3/21	Tue 20/4/21			
88	Construction of Thrust Box & Manholes, etc	14 days	Wed 21/4/21	Tue 4/5/21			
89	Backfill	14 days	Wed 5/5/21	Tue 18/5/21			
90	Construction UG Utilities 2m deep below further surface	30 days	Thu 19/8/21	Fri 17/9/21			
91	Temporary Paving and handover for plant erection	13 days	Sat 18/9/21	Thu 30/9/21			
92	Section A1 (ii) - Supporting structures for overhead cranes of L12 MSB including the associated roof structure except the roof deferred works	301 days	Fri 4/12/20	Thu 30/9/21			
93	Area Possession & Clearance	45 days	Fri 4/12/20	Sun 17/1/21			
94	Subletting / Fabrication / Delivery	210 days	Sun 17/1/21	Sat 14/8/21			
95	Complete structural steel erection	0 days	Mon 6/9/21	Mon 6/9/21			
96	Install Crane Girders	18 days	Tue 7/9/21	Fri 24/9/21			
97	Construction of roof slab (except defer work)	21 days	Tue 7/9/21	Mon 27/9/21			
98	Touch up and handover for install overhead cranes	3 days	Tue 28/9/21	Thu 30/9/21			
99	Section A2 (i) External Works including CW Inlet Culvert at Area F8A	301 days	Fri 4/12/20	Thu 30/9/21			
100	BD consent for Sheetpile installation	30 days	Fri 4/12/20	Sat 2/1/21			

REVISED MASTER PROGRAMME
4 JAN 2021 Rev. 1-A




Task ■ Split ● Milestone ▾ Summary ▾

Contract No. 19/83002 Lamma Power Station Extension Civil and Building Works for Unit L12 MASTER PROGRAMME

ID	Task Name	Duration	Start	Finish	Feb 2021	Mar 2021	Apr 2021
101	Subletting / Fabrication / Delivery (both for Area F8A-F8B)	30 days	Fri 18/12/20	Sat 16/1/21	Area Possession & Clearance		
102	Area Possession & Clearance	14 days	Sat 2/1/21	Fri 15/1/21	Area Possession & Clearance		
103	Install Sheet pile	55 days	Sat 16/1/21	Thu 11/3/21	Install Sheet pile		
104	BD Consent for ELS	28 days	Fri 12/3/21	Thu 8/4/21	BD Consent for ELS		
105	ELS and install CW Inlet Pipe (NW to N direction)	60 days	Fri 9/4/21	Mon 7/6/21	Install CW Inlet Pipe		
106	Construction of Thrust Box & Manholes, etc	36 days	Tue 8/6/21	Tue 13/7/21	Construction of Thrust Box & Manholes, etc		
107	Backfill, UG Utilities and Road Paving	79 days	Wed 14/7/21	Thu 30/9/21	Backfill, UG Utilities and Road Paving		
108	Section A2 (ii) External Works including CW Inlet Culvert at Area F8B	483 days	Fri 4/12/20	Thu 31/3/22	Section A2 (ii) External Works including CW Inlet Culvert at Area F8B		
109	Area Possession & Clearance	30 days	Fri 12/3/21	Tue 23/3/21	Area Possession & Clearance		
110	BD consent for Sheetpile installation	30 days	Fri 4/12/20	Sat 2/1/21	BD consent for Sheetpile installation		
111	Install Sheet pile	90 days	Fri 2/4/21	Wed 30/6/21	Install Sheet pile		
112	BD Consent for ELS	28 days	Thu 1/7/21	Wed 28/7/21	BD Consent for ELS		
113	ELS and install CW Inlet Pipe	90 days	Thu 29/7/21	Tue 26/10/21	ELS and install CW Inlet Pipe		
114	Construction of Thrust Box & Manholes, etc	60 days	Wed 27/10/21	Sat 26/11/21	Construction of Thrust Box & Manholes, etc		
115	Backfill, UG Utilities and Road Paving	96 days	Sun 26/12/21	Thu 31/3/22	Backfill, UG Utilities and Road Paving		
116	Section A2 (iii) External Works including CW Inlet Culvert at Area F8C	182 days	Fri 1/10/21	Thu 31/3/22	Section A2 (iii) External Works including CW Inlet Culvert at Area F8C		
117	Area Possession & Clearance	30 days	Fri 1/10/21	Sat 30/10/21	Area Possession & Clearance		
118	Subletting / Fabrication / Delivery (for Area F8C)	60 days	Fri 1/10/21	Mon 29/11/21	Subletting / Fabrication / Delivery (for Area F8C)		
119	BD consent for Sheetpile installation	30 days	Fri 11/10/21	Sat 30/10/21	BD consent for Sheetpile installation		
120	Install Sheet pile	34 days	Sun 31/10/21	Fri 31/12/21	Install Sheet pile		
121	BD Consent for ELS	28 days	Sat 4/12/21	Fri 31/12/21	BD Consent for ELS		
122	ELS and install CW Inlet Pipe	40 days	Sat 1/1/22	Wed 9/2/22	ELS and install CW Inlet Pipe		
123	Construction of Thrust Box & Manholes, etc	30 days	Thu 10/2/22	Fri 11/3/22	Construction of Thrust Box & Manholes, etc		
124	Backfill, UG Utilities and Road Paving	20 days	Sat 12/3/22	Thu 31/3/22	Backfill, UG Utilities and Road Paving		
125	Section B1 - Area south of L12 MSB from GL12-F westwards leading to Station Road at Area F3	377 days	Fri 4/12/20	Wed 15/12/21	Section B1 - Area south of L12 MSB from GL12-F westwards leading to Station Road at Area F3		
126	Area Possession & Clearance	30 days	Fri 4/12/20	Sat 2/1/21	Area Possession & Clearance		
127	Subletting / Fabrication / Delivery	120 days	Fri 25/12/20	Fri 23/4/21	Subletting / Fabrication / Delivery		
128	Complete CW Pipe Installation & Thrust box	45 days	Fri 7/5/21	Sun 20/6/21	Complete CW Pipe Installation & Thrust box		
129	Backfill	14 days	Mon 21/6/21	Sun 4/7/21	Backfill		
130	Construction of Storm Drain & Manholes	80 days	Tue 7/9/21	Thu 25/11/21	Construction of Storm Drain & Manholes		
131	Temp Paving and handover for Condenser Move in	20 days	Fri 26/11/21	Wed 15/12/21	Temp Paving and handover for Condenser Move in		
132	Section B2 - (i) Southern part of L12 HRSG area and its surrounding at Area F6B including the foundations for Gas Exhaust Duct	243 days	Fri 1/1/21	Tue 31/8/21	Section B2 - (i) Southern part of L12 HRSG area and its surrounding at Area F6B including the foundations for Gas Exhaust Duct		
133	Area Possession & Clearance	30 days	Sat 2/1/21	Sun 31/1/21	Area Possession & Clearance		
134	Subletting / Fabrication / Delivery (for F6B Civil and E&M)	120 days	Sat 2/1/21	Sat 1/5/21	Subletting / Fabrication / Delivery (for F6B Civil and E&M)		
135	Construction of Underground pits	35 days	Mon 1/2/21	Sun 7/3/21	Construction of Underground pits		
136	Excavation & Construct Pile Caps & Tie Beams & Piers	60 days	Mon 8/3/21	Thu 6/5/21	Excavation & Construct Pile Caps & Tie Beams & Piers		
137	Construction HRSG & Gas Duct foundations	45 days	Fri 7/5/21	Sun 20/6/21	Construction HRSG & Gas Duct foundations		
138	Construction of HRSG Equipment Room incl. ABWF & BS (except T&C)	150 days	Sun 4/4/21	Tue 31/8/21	Construction of HRSG Equipment Room incl. ABWF & BS (except T&C)		
139	Construction underground utilities within HRSG	45 days	Wed 28/4/21	Fri 11/6/21	Construction underground utilities within HRSG		
140	Backfill & Construction on-grade slabs & RC plinths on top	60 days	Sat 12/6/21	Tue 10/8/21	Backfill & Construction on-grade slabs & RC plinths on top		
141	Backfill and Temporary paving	21 days	Wed 11/8/21	Tue 31/8/21	Backfill and Temporary paving		
142	Section B2 - (ii) Remaining northern part of L12 HRSG area and its surrounding at Area F6A and F6C	319 days	Fri 1/1/21	Mon 15/11/21	Section B2 - (ii) Remaining northern part of L12 HRSG area and its surrounding at Area F6A and F6C		
143	Area Possession and Clearance at Area F6A	30 days	Sat 2/1/21	Sun 31/1/21	Area Possession and Clearance at Area F6A		
144	Subletting / Fabrication / Delivery (for Area F6A and F6C civil)	120 days	Sat 2/1/21	Thu 11/4/21	Subletting / Fabrication / Delivery (for Area F6A and F6C civil)		
145	Construction of Underground pits	30 days	Sat 2/1/21	Sun 31/1/21	Construction of Underground pits		
146	Excavation & Construct Pile Caps & Tie Beams & Piers	60 days	Mon 1/2/21	Thu 1/4/21	Excavation & Construct Pile Caps & Tie Beams & Piers		
147	Construction underground utilities within HRSG	21 days	Fri 2/4/21	Thu 22/4/21	Construction underground utilities within HRSG		
148	Backfill & Construction on-grade slabs & RC plinths on top	21 days	Fri 23/4/21	Thu 13/5/21	Backfill & Construction on-grade slabs & RC plinths on top		
149	Construct RC Walls	90 days	Fri 4/6/21	Wed 11/9/21	Construct RC Walls		
150	Construction of Underground utilities at F6C	60 days	Thu 2/9/21	Sun 31/10/21	Construction of Underground utilities at F6C		
151	Backfill and Temporary paving	15 days	Mon 1/11/21	Mon 15/11/21	Backfill and Temporary paving		
152	Section B2 - (iii) L12 Turbo Block foundation including the L12 MSB ground floor together with the equipment foundations between GL 12-F to 12-II and 12-1 to 12-6 for the installation of power generator, air inlet duct and lube oil reservoir	408 days	Fri 4/12/20	Sat 15/1/22	Section B2 - (iii) L12 Turbo Block foundation including the L12 MSB ground floor together with the equipment foundations between GL 12-F to 12-II and 12-1 to 12-6 for the installation of power generator, air inlet duct and lube oil reservoir		
153	Area Possession & Clearance	45 days	Fri 4/12/20	Sun 17/1/21	Area Possession & Clearance		
154	Subletting / Fabrication / Delivery (Civil+ABWF+BS for MSBL12)	150 days	Fri 25/12/20	Sun 23/5/21	Subletting / Fabrication / Delivery (Civil+ABWF+BS for MSBL12)		
155	Complete excavation at Type A&C Construction Area	0 days	Sat 30/1/21	Sat 30/1/21	Complete excavation at Type A&C Construction Area		
156	Excavation & Pile Caps & Tie Beams + Slabs (Turbo Block North)	75 days	Sun 31/1/21	Thu 15/4/21	Excavation & Pile Caps & Tie Beams + Slabs (Turbo Block North)		
157	Backfill and construction turbine block & equipment foundation	40 days	Tue 1/6/21	Sat 10/7/21	Backfill and construction turbine block & equipment foundation		
158	Excavation & Pile Caps & Tie Beams + Slabs (Turbo Block South)	45 days	Sat 17/4/21	Mon 31/5/21	Excavation & Pile Caps & Tie Beams + Slabs (Turbo Block South)		
159	Construction of internal drainage & on-grade slab	30 days	Sun 11/7/21	Mon 9/8/21	Construction of internal drainage & on-grade slab		
160	Construction turbine block columns and upper portion for plant embed installation	21 days	Tue 7/9/21	Mon 27/9/21	Construction turbine block columns and upper portion for plant embed installation		
161	Concrete Turbine upper part foundation & clear falsework	30 days	Tue 28/9/21	Wed 27/10/21	Concrete Turbine upper part foundation & clear falsework		
162	Construction of Lube Oil Room	45 days	Thu 28/10/21	Sat 11/12/21	Construction of Lube Oil Room		
163	Concrete RC walls	50 days	Tue 7/9/21	Tue 26/10/21	Concrete RC walls		
164	ABFW Works	30 days	Thu 4/11/21	Fri 3/12/21	ABFW Works		
165	Building Services Works	45 days	Fri 19/11/21	Sun 21/12/21	Building Services Works		
166	Remove temporary falsework and scaffolding for installation of power generator	13 days	Mon 3/1/22	Sat 15/1/22	Remove temporary falsework and scaffolding for installation of power generator		
167	Section B2 - (iv) G/F of L12 MSB including the Condenser Pit, Circulating Water, Pipe Pit and equipment foundations between GL 12-B to 12-C and 12-1 to 12-6 for the installation of condenser	377 days	Fri 4/12/20	Wed 15/12/21	Section B2 - (iv) G/F of L12 MSB including the Condenser Pit, Circulating Water, Pipe Pit and equipment foundations between GL 12-B to 12-C and 12-1 to 12-6 for the installation of condenser		
168	Area Possession & Clearance	45 days	Fri 4/12/20	Sun 17/1/21	Area Possession & Clearance		
169	Subletting / Fabrication / Delivery (for MSB L12 civil)	150 days	Fri 25/12/20	Sun 23/5/21	Subletting / Fabrication / Delivery (for MSB L12 civil)		
170	Excavation to foundation level at ELS SP Type A & C	30 days	Fri 1/1/21	Sat 30/1/21	Excavation to foundation level at ELS SP Type A & C		
171	Install CW Outlet pipe	30 days	Sun 31/1/21	Mon 1/3/21	Install CW Outlet pipe		
172	Construction of CW Outlet Box + lowest tie beam & caps	50 days	Sun 31/1/21	Sun 21/3/21	Construction of CW Outlet Box + lowest tie beam & caps		
173	Construction of pile caps & tie beams & sump pits up to +2.5mPD	26 days	Mon 22/3/21	Fri 16/4/21	Construction of pile caps & tie beams & sump pits up to +2.5mPD		
174	Backfill & Construction of CW Inlet Box + tie beams	24 days	Sat 17/4/21	Mon 10/5/21	Backfill & Construction of CW Inlet Box + tie beams		
175	Construction of pile caps & tie beams at SunShadeCover Area	18 days	Tue 11/5/21	Fri 28/5/21	Construction of pile caps & tie beams at SunShadeCover Area		
176	Backfill and Construction ground beams & trenches & equipment foundations	14 days	Tue 11/5/21	Mon 24/5/21	Backfill and Construction ground beams & trenches & equipment foundations		
177	Construction of indoor underground drainage	14 days	Tue 25/5/21	Mon 7/6/21	Construction of indoor underground drainage		
178	Backfill & construction on-grade slabs	18 days	Tue 8/6/21	Fri 25/6/21	Backfill & construction on-grade slabs		
179	Construction Column casting and RC walls	50 days	Thu 29/7/21	Thu 16/9/21	Construction Column casting and RC walls		
180	ABFW Works	16 days	Fri 17/9/21	Sat 2/10/21	ABFW Works		
181	Building Services Works	45 days	Sun 3/10/21	Tue 16/11/21	Building Services Works		
182	Mis. Works and Ready for condenser move in	29 days	Wed 17/11/21	Wed 15/12/21	Mis. Works and Ready for condenser move in		
183	Section C - (i) Roads and external grounds surrounding L12 MSB and L12 HRSG in addition to the southern & eastern areas mentioned above in Area F5	408 days	Fri 4/12/20	Sat 15/1/22	Section C - (i) Roads and external grounds surrounding L12 MSB and L12 HRSG in addition to the southern & eastern areas mentioned above in Area F5		
184	Area Possession & Clearance	30 days	Fri 4/12/20	Sat 2/1/21	Area Possession & Clearance		
185	Subletting / Fabrication / Delivery	210 days	Fri 25/12/20	Thu 22/7/21	Subletting / Fabrication / Delivery		
186	Complete substructure & Steel Erection works for MSB	0 days	Wed 28/7/21	Wed 28/7/21	Complete substructure & Steel Erection works for MSB		
187	Construction all utilities deeper than 2m from future road level	60 days	Thu 29/7/21	Sun 26/9/21	Construction all utilities deeper than 2m from future road level		
188	Construction of cable trenches	90 days	Mon 27/9/21	Sat 25/12/21	Construction of cable trenches		
189	Backfill and lay temporary paving	21 days	Sun 26/12/21	Sat 15/1/22	Backfill and lay temporary paving		
190	Section C - (ii) Whole of L12 MSB including the pipe and cable rack along south facade of L12 MSB with all underground utilities at Area F4 including C.W. Inlet and Outlet Culvert except the deferred works	408 days	Fri 4/12/20	Sat 15/1/22	Section C - (ii) Whole of L12 MSB including the pipe and cable rack along south facade of L12 MSB with all underground utilities at Area F4 including C.W. Inlet and Outlet Culvert except the deferred works		
191	Area Possession & Clearance	45 days	Fri 4/12/20	Sun 17/1/21	Area Possession & Clearance		
192	Subletting / Fabrication / Delivery	120 days	Fri 25/12/20	Fri 23/4/21	Subletting / Fabrication / Delivery		
193	Construction of pile caps & tie beams at Transformer Area	30 days	Sun 31/1/21	Mon 1/3/21	Construction of pile caps & tie beams at Transformer Area		
194	Backfill and on-grade slab at transformer Area	21 days	Tue 2/3/21	Mon 22/3/21	Backfill and on-grade slab at transformer Area		
195	Construction of Fire Walls at Transformer Area	45 days	Tue 23/3/21	Thu 6/5/21	Construction of Fire Walls at Transformer Area		
196	Excavation & Construction Blow Down Sum pit (SP Type B)	50 days	Thu 25/2/21	Thu 15/4/21	Excavation & Construction Blow Down Sum pit (SP Type B)		
197	Preparation for S.Steelwork Erection	7 days	Fri 23/4/21	Thu 29/4/21	Preparation for S.Steelwork Erection		
198	Structural Delivery & Erection (Turbine Hall North fr G.L. 1-3/H->B)	35 days	Fri 30/4/21	Thu 3/6/21	Structural Delivery & Erection (Turbine Hall North fr G.L. 1-3/H->B)		
199	Structural Delivery & Erection (Equipment Floors)	55 days	Fri 4/6/21	Wed 28/7/21	Structural Delivery & Erection (Equipment Floors)		
200	Structural Delivery & Erection (Turbine Hall South + East Elevation)	40 days	Thu 29/7/21	Mon 6/9/21	Structural Delivery & Erection (Turbine Hall South + East Elevation)		
201	Joint Tightening and touch up coating	145 days	Fri 4/6/21	Tue 26/10/21	Joint Tightening and touch up coating		
202	External Scaffolding Erection	150 days	Fri 4/6/21	Sun 31/10/21	External Scaffolding Erection		
203	Construction 1/F RC Slab	14 days	Thu 29/7/21	Wed 11/8/21	Construction 1/F RC Slab		
204	Construction 2/F RC Slab	18 days	Thu 12/8/21	Sun 29/8/21	Construction 2/F RC Slab		
205	Construction 3/F RC Slab	18 days	Mon 30/8/21	Thu 16/9/21	Construction 3/F RC Slab		
206	Construction 4/F RC Slab	18 days	Fri 17/9/21	Mon 4/10/21	Construction 4/F RC Slab		
207	Construction 5/F RC Slab	18 days	Tue 5/10/21	Fri 22/10/21	Construction 5/F RC Slab		
208	Construction 6/F RC Slab	14 days	Sat 23/10/21	Fri 5/11/21	Construction 6/F RC Slab		
209	Construction Upper Roof RC Slab	10 days	Sat 6/11/21	Mon 15/11/21	Construction Upper Roof RC Slab		
210	Construction Main Roof RC Slab	25 days	Tue 7/9/21	Fri 1/10/21	Construction Main Roof RC Slab		
211	Construction Defer Roof RC Slab (G.L. G-H)	14 days	Mon 8/11/21	Sun 21/11/21	Construction Defer Roof RC Slab (G.L. G-H)		
212	Construction of Staircase ST-01 & lift shaft & machine room	150 days	Fri 4/6/21	Sun 31/10/21	Construction of Staircase ST-01 & lift shaft & machine room		
213	Construction M/F RC Slab	14 days	Tue 3/8/21	Mon 16/8/21	Construction M/F RC Slab		
214	Lift Installation	75 days	Mon 1/11/21	Fri 14/1/22	Lift Installation		
215	Construction of Staircase ST-02 except defer work	75 days	Fri 17/9/21	Tue 30/11/21	Construction of Staircase ST-02 except defer work		
216	Construction of RC plinth, kerbs & parapet Walls	75 days	Sat 2/10/21	Wed 15/12/21	Construction of RC plinth, kerbs & parapet Walls		
217	Erection of Skylight & Roof Features	56 days	Sat 2/10/21	Fri 26/11/21	Erection of Skylight & Roof Features		
218	Waterproofing & Flooring at Roof	50 days	Sat 27/11/21	Sat 15/1/22	Waterproofing & Flooring at Roof		

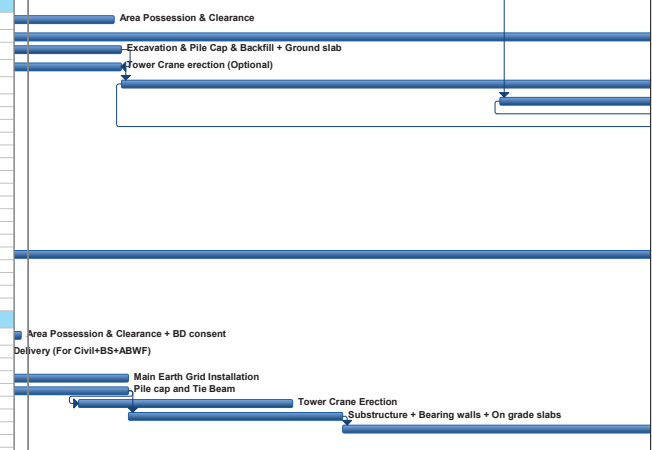
REVISED MASTER PROGRAMME
4 JAN 2021 Rev. 1-A



Task  Split  Milestone  Summary 

Contract No. 19/83002 Lamma Power Station Extension Civil and Building Works for Unit L12 MASTER PROGRAMME

ID	Task Name	Duration	Start	Finish	Feb 2021	Mar 2021	Apr 2021
219	ABFW Works	120 days	Thu 12/8/21	Thu 9/12/21			
220	Building Services Works	135 days	Thu 2/9/21	Fri 14/1/22			
221	Metal Cladding, Windows and Louvres incl. roof feature	145 days	Fri 25/6/21	Tue 16/11/21			
222	Removal of external scaffolding	95 days	Tue 24/8/21	Fri 26/11/21			
223	Installation of Catwalk at south elevation	21 days	Fri 26/11/21	Thu 16/12/21			
224	Cladding, ABWF & BS Works	30 days	Fri 17/12/21	Sat 15/1/22			
225	Removal of temporary works & clearance for plant erection contractor	30 days	Fri 17/12/21	Sat 15/1/22			
226	Section C - (iii) Link Bridge between L11 and L12 MSB includin their associated A&A at L11 MSB	408 days	Fri 4/12/20	Sat 15/1/22			
227	BD Consent	0 days	Fri 4/12/20	Fri 4/12/20			
228	Subletting / Fabrication / Delivery (For BS and ABWF)	250 days	Fri 25/12/20	Tue 31/8/21			
229	Clearing Works and plant set-up	30 days	Mon 16/8/21	Tue 14/9/21			
230	Dismantle of north scaffold for link bridge erection	0 days	Tue 24/8/21	Tue 24/8/21			
231	A&A works at South of L11 MSB	30 days	Tue 24/8/21	Wed 22/9/21			
232	Erection of link bridge structural steel	30 days	Thu 23/9/21	Fri 22/10/21			
233	Casting of bridge deck	11 days	Sat 23/10/21	Tue 2/11/21			
234	Metal roofing installation	24 days	Wed 3/11/21	Fri 26/11/21			
235	ABWF work	30 days	Sat 27/11/21	Sun 26/12/21			
236	BS Works	20 days	Mon 27/12/21	Sat 15/1/22			
237	Ready for power cable laying work by others	0 days	Sat 15/1/22	Sat 15/1/22			
238	Section D - (ii) No. 5 Chimney with L12 Steel Flue Liner.	485 days	Fri 1/1/21	Sat 30/4/22			
239	Area Possession & Clearance	45 days	Fri 1/1/21	Sun 14/2/21			
240	Subletting / Fabrication / Delivery (For Civil and BS for Microwave Antenna and Equipment)	120 days	Fri 8/1/21	Fri 7/5/21			
241	Excavation & Pile Cap & Backfill + Ground slab	45 days	Sat 2/1/21	Mon 15/2/21			
242	Tower Crane erection (Optional)	28 days	Tue 19/1/21	Mon 15/2/21			
243	Construction of Wind Shield + clearance for internal floors and flue	150 days	Tue 16/2/21	Thu 15/7/21			
244	Structural steel fabrication & Delivery for floors and staircase	90 days	Sat 10/4/21	Thu 8/7/21			
245	Erection of steel floors	30 days	Wed 9/6/21	Sat 7/8/21			
246	Construction of G/F room incl. Microwave Antenna Rm	45 days	Mon 17/5/21	Wed 30/6/21			
247	Construction of 1/F RC slab	14 days	Sun 8/8/21	Sat 21/8/21			
248	Construction of 2/F RC slab	14 days	Sun 22/8/21	Sat 4/9/21			
249	Construction of 3/F RC slab	16 days	Sun 5/9/21	Mon 20/9/21			
250	Construction of 4/F RC slab	16 days	Tue 21/9/21	Wed 6/10/21			
251	Construction of 5/F RC slab	18 days	Thu 7/10/21	Sun 24/10/21			
252	Construction of Roof RC slab	18 days	Mon 25/10/21	Thu 11/11/21			
253	Steel Flue fabrication and delivery	145 days	Fri 9/7/21	Tue 30/11/21			
254	Set up for steel flue installation	14 days	Wed 11/9/21	Tue 14/12/21			
255	Lift & install steel flue liner + cladding works	90 days	Wed 15/12/21	Mon 14/3/22			
256	Section D (i) - ABWF and BS Works at Microwave Antenna Room and Chimney Windshield for installation of r	209 days	Fri 4/12/20	Wed 30/6/21			
257	Remaining ABWF & BS Works	100 days	Fri 12/11/21	Sat 19/2/22			
258	Lift installation	90 days	Fri 12/11/21	Wed 9/2/22			
259	Installation Louvre & Doors	30 days	Tue 15/3/22	Wed 13/4/22			
260	Mis works Demolition and ready for gas duct connection	17 days	Thu 14/4/22	Sat 30/4/22			
261	Section E - (iii) Administration and Control Building	513 days	Fri 4/12/20	Sat 30/4/22			
262	Area Possession & Clearance + BD consent	60 days	Fri 4/12/20	Mon 1/2/21			
263	Subletting / Fabrication / Delivery (For Civil+BS+ABWF)	21 days	Fri 25/12/20	Thu 14/1/21			
264	Excavation works	45 days	Fri 4/12/20	Sun 17/1/21			
265	Main Earth Grid Installation	45 days	Sun 3/1/21	Tue 16/2/21			
266	Pile cap and Tie Beam	45 days	Sun 3/1/21	Tue 16/2/21			
267	Tower Crane Erection	30 days	Wed 10/2/21	Thu 11/3/21			
268	Substructure + Bearing walls + On grade slabs	30 days	Wed 17/2/21	Thu 18/3/21			
269	Construction of RC up to 1/F incl. staircases	50 days	Fri 19/3/21	Fri 7/5/21			
270	Construction of RC up to 2/F incl. staircases	55 days	Sat 8/5/21	Thu 17/7/21			
271	Construction of RC up to 3/F incl. staircases	55 days	Fri 27/7/21	Wed 25/8/21			
272	Temporary Hoist erection	14 days	Thu 26/8/21	Wed 9/9/21			
273	Construction of RC up to 4/F incl. staircases	30 days	Thu 26/8/21	Fri 24/9/21			
274	Construction of RC up to R/F incl. staircases	30 days	Sat 25/9/21	Sun 24/10/21			
275	Construction of RC up to lift machine room	21 days	Mon 25/10/21	Sun 14/11/21			
276	Construction of RC up to UR/F	21 days	Mon 15/11/21	Sun 5/12/21			
277	External Wall Finish, Cladding + Windows and Louvres + Features	100 days	Sat 25/9/21	Sun 21/1/22			
278	Removal of external scaffolding	45 days	Mon 3/1/22	Wed 16/2/22			
279	Waterproofing & screeding	60 days	Mon 6/12/21	Thu 3/2/22			
280	ABWF at G/F	120 days	Sat 29/5/21	Sat 25/9/21			
281	Section E (i) Complete Transformer Room for move in	60 days	Thu 2/9/21	Sun 31/10/21			
282	Clearing Works and plant set-up	21 days	Sun 31/10/21	Sat 20/11/21			
283	Subletting / Fabrication / Delivery (For NSC Lift)	180 days	Fri 25/12/20	Tue 22/6/21			
284	ABWF at 1/F	100 days	Mon 26/7/21	Tue 2/11/21			
285	ABWF at 2/F	100 days	Sat 18/9/21	Sun 26/12/21			
286	ABWF at 3/F	120 days	Mon 25/10/21	Mon 21/2/22			
287	ABWF at 4/F	90 days	Wed 24/11/21	Mon 21/2/22			
288	ABWF at R/F	60 days	Wed 15/12/21	Sat 12/2/22			
289	ABWF at UR/F + Lift Machine Room	45 days	Wed 5/1/22	Fri 18/2/22			
290	Bridge Erection & Connection	50 days	Mon 7/2/22	Mon 28/3/22			
291	Building Services Works	160 days	Wed 3/1/21	Mon 11/4/22			
292	Submission of WWO46 for completion	60 days	Wed 17/11/21	Sat 15/1/22			
293	Installation of Raised floors	60 days	Fri 7/1/22	Mon 7/3/22			
294	False ceiling after BS works	60 days	Tue 25/1/22	Fri 25/3/22			
295	Section E (i) Handover G/F, 1/F, 2/F & Hoisting Well	0 days	Mon 28/2/22	Mon 28/2/22			
296	Subletting / Fabrication / Delivery (For BS+ABWF)	149 days	Thu 14/9/21	Wed 9/2/22			
297	Construction of New UG Grey Water Tank	60 days	Mon 7/2/22	Thu 7/4/22			
298	Removal of Tower Crane	7 days	Thu 10/3/22	Wed 16/3/22			
299	External utilities and road work	45 days	Mon 24/1/22	Wed 9/3/22			
300	Submission of WWO46 for completion	30 days	Tue 8/2/22	Wed 9/3/22			
301	Submission of FS inspection	14 days	Tue 12/4/22	Mon 25/4/22			
302	Submission for OP inspection	14 days	Sun 17/4/22	Sat 30/4/22			
303	Section F (i) - Gas Receiving Station and L12 Gas Receiving Station Equipment Room (GRS) Area Extension at Area F14	426 days	Sat 1/5/21	Thu 30/6/22			
304	Area Possession & Clearance + BD consent	90 days	Sat 1/5/21	Thu 29/7/21			
305	Subletting / Fabrication / Delivery	60 days	Sat 22/5/21	Tue 20/7/21			
306	Plate load test	30 days	Sat 1/5/21	Sun 30/5/21			
307	Construction Equipment room extension	145 days	Mon 31/5/21	Fri 22/10/21			
308	Modification of existing drainage	45 days	Sat 23/10/21	Mon 6/12/21			
309	Excavation & earthing for Skid foundations	21 days	Fri 21/11/21	Mon 27/12/21			
310	Construction of Skid foundation	45 days	Tue 28/12/21	Thu 10/2/22			
311	Construct underground utilities and drainage	45 days	Fri 11/2/22	Sun 27/3/22			
312	Backfill and road works	60 days	Mon 28/3/22	Thu 26/5/22			
313	Relocate / install new fencing for completion	21 days	Fri 27/5/22	Thu 16/6/22			
314	Mis. Work and ready for OP inspection	14 days	Fri 17/6/22	Thu 30/6/22			
315	Section F (ii) - Pipe and Cable rack and external work at Area F9A and F9B	515 days	Sat 2/1/21	Tue 31/5/22			
316	BD consent + Site Possession at Area F9A & F9B	90 days	Sat 2/1/21	Thu 1/4/21			
317	Excavation & Plate load test	45 days	Fri 1/10/21	Sun 14/11/21			
318	Construction new footing for pipe rack	45 days	Mon 15/11/21	Wed 28/12/21			
319	Underground utilities and road works for completion	72 days	Thu 30/12/21	Fri 11/3/22			
320	Structural Steel fabrication & Delivery	90 days	Sun 12/1/22	Fri 11/3/22			
321	Erection of new pipe rack	60 days	Sat 12/3/22	Tue 10/5/22			
322	Mis. Work and ready for OP inspection	21 days	Wed 11/5/22	Tue 31/5/22			
323	Section F (iii) - No. 5 CW Equipment Room, pipe and cable rack, external works at Area F10	273 days	Fri 1/10/21	Thu 30/6/22			
324	Area Possession & Clearance + BD consent	90 days	Fri 1/10/21	Wed 29/12/21			
325	Subletting / Fabrication / Delivery For ABWF + BS	150 days	Fri 1/10/21	Sun 27/2/22			
326	Excavation & Plate load test	30 days	Sat 16/10/21	Sun 14/11/21			
327	Construction new footing for equipment room	45 days	Mon 15/11/21	Wed 28/12/21			
328	Superstructure for equipment room	90 days	Thu 30/12/21	Tue 29/3/22			
329	ABWF Works	70 days	Wed 30/3/22	Tue 7/6/22			
330	BS Works	90 days	Sat 2/4/22	Thu 30/6/22			
331	Construction RC Wall & plinths & drainage at Chlorinator area	45 days	Wed 30/3/22	Fri 13/5/22			
332	External wall finish & remove scaffolding	30 days	Sat 14/5/22	Sun 12/6/22			
333	Excavation & Plate load test for pipe rack extension	30 days	Sat 16/10/21	Sun 14/11/21			
334	Construction new footing for pipe rack	45 days	Mon 15/11/21	Wed 29/12/21			
335	Underground utilities and road works for completion	60 days	Thu 30/12/21	Sun 27/2/22			
336	Structural Steel fabrication & Delivery	90 days	Tue 30/11/21	Sun 27/2/22			
337	Backfilling and prepare for steel erection	8 days	Mon 28/2/22	Mon 7/3/22			
338	Erection of new pipe rack	70 days	Thu 8/3/22	Mon 16/5/22			
339	Mis. Work and ready for OP inspection	15 days	Tue 17/5/22	Tue 31/5/22			
340	Section G (i) - External Work surrounding Area F11	153 days	Sun 1/5/22	Fri 30/9/22			
341	Area Possession & Clearance after handover from No. 5 Intake Contractor	30 days	Sun 1/5/22	Mon 30/5/22			
342	Subletting / Fabrication / Delivery	30 days	Sun 1/5/22	Mon 30/5/22			
343	Submission WWO46 for commencement	30 days	Sun 1/5/22	Mon 30/5/22			
344	Construct Underground utilities and drainage	30 days	Sun 1/5/22	Mon 30/5/22			
345	Install new FS Hydrant	20 days	Tue 31/5/22	Sun 19/6/22			
346	Submission WWO46 for completion	30 days	Mon 20/6/22	Tue 19/7/22			
347	Construction Road extension	58 days	Mon 20/6/22	Tue 16/8/22			
348	Construction road paving and install fencing	30 days	Wed 17/8/22	Thu 15/9/22			
349	Ready for OP inspection	15 days	Fri 16/9/22	Fri 30/9/22			
350	Section G (ii) - External Works at Area F12 & F13	666 days	Fri 4/12/20	Fri 30/9/22			
351	Area Possession & Clearance after handover from other	45 days	Fri 4/12/20	Sun 17/1/21			
352	Subletting / Fabrication / Delivery	180 days	Thu 4/3/21	Mon 30/8/21			
353	Excavation	21 days	Sat 23/10/21	Fri 12/11/21			
354	Submission WWO46 for commencement	30 days	Sat 13/11/21	Sun 12/12/21			



Contract No. 19/83002 Lamma Power Station Extension Civil and Building Works for Unit L12 MASTER PROGRAMME

ID	Task Name	Duration	Start	Finish	Feb. 2021	Mar. 2021	Apr. 2021
355	Construct Underground utilities and drainage	90 days	Mon 13/12/21	Sat 12/3/22			
356	Install new FS Hydrant	30 days	Sun 13/3/22	Mon 11/4/22			
357	Submission WWO046 for completion	30 days	Tue 12/4/22	Wed 11/5/22			
358	Construction Road extension	127 days	Thu 12/5/22	Thu 15/9/22			
359	Complete with Ms. Works for completion	30 days	Fri 16/9/22	Fri 30/9/22			
360	Section G (iii) - FS Modification works along South Seafront Road at Area F15	183 days	Fri 14/2/22	Fri 30/9/22			
361	Area Possession & Clearance after handover from other	45 days	Fri 14/2/22	Sun 15/5/22			
362	Subletting / Fabrication / Delivery	21 days	Fri 14/2/22	Thu 21/4/22			
363	Temporary Traffic Arrangement approval	14 days	Fri 14/2/22	Thu 14/4/22			
364	Utilities scanning and expose existing FS	14 days	Fri 15/4/22	Thu 28/4/22			
365	Determine new FS alignment	21 days	Fri 29/4/22	Thu 19/5/22			
366	Submission to FSD	14 days	Fri 20/5/22	Thu 2/6/22			
367	Modification of FS	60 days	Fri 3/6/22	Mon 1/8/22			
368	Backfill and reinstatement + report to FSD	60 days	Tue 2/8/22	Fri 30/9/22			
369	Section G (iv) - 275kV cable trenches and External Works at Area F16	518 days	Sat 1/5/21	Fri 30/9/22			1 May '21
370	Area Possession & Clearance	60 days	Sat 1/5/21	Tue 29/6/21			
371	Subletting / Fabrication / Delivery	210 days	Wed 17/11/21	Tue 14/6/22			
372	Temporary Traffic Arrangement approval	60 days	Sat 1/5/21	Tue 29/6/21			
373	Removal of aboveground services	30 days	Wed 30/9/20	Sat 28/9/21			
374	Utilities scanning and expose existing UU	30 days	Sun 29/8/21	Mon 27/9/21			
375	Arrange of diversion existing UG utilities	90 days	Tue 28/9/21	Sun 26/12/21			
376	Construct new cable trenches	173 days	Mon 27/12/21	Fri 17/6/22			
377	Realignment / install new UG utilities	60 days	Sat 18/6/22	Tue 16/8/22			
378	backfill and reinstatement & ready for cable laying by others	45 days	Tue 15/9/22	Thu 29/9/22			
379	Section G (v) - Shunt Reactor Compound and External Works at Area F17	666 days	Fri 4/12/20	Fri 30/9/22			
380	Temporary Traffic Arrangement approval	45 days	Fri 4/12/20	Sun 17/1/21			
381	Subletting / Fabrication / Delivery	100 days	Fri 25/12/20	Sat 3/4/21			
382	BD approval & consent for sheetpile installation	90 days	Fri 11/2/20	Wed 3/3/21			
383	Area Possession & Clearance	14 days	Thu 4/3/21	Wed 10/3/21			
384	Removal of aboveground services	21 days	Thu 18/3/21	Wed 7/4/21			
385	Utilities scanning and expose existing UU	15 days	Thu 8/4/21	Thu 22/4/21			
386	Arrange of diversion existing UG utilities	45 days	Fri 23/4/21	Sun 6/6/21			
387	Install pipe piles	61 days	Sun 23/5/21	Thu 22/7/21			
388	BA14 for sheetpile and BD consent for ELS	28 days	Fri 23/7/21	Thu 19/8/21			
389	Excavation & install earthing	35 days	Mon 20/8/21	Thu 23/9/21			
390	Construct Pile Caps and Tie Beams	45 days	Tue 24/9/21	Sun 7/11/21			
391	Backfill & Erect scaffold	21 days	Mon 8/11/21	Sun 28/11/21			
392	Construction of SRC Walls	75 days	Mon 28/11/21	Fri 11/2/22			
393	Wall finish and remove scaffolding	24 days	Sat 12/2/22	Mon 7/3/22			
394	Construct new cable trenches	60 days	Tue 8/3/22	Fri 6/5/22			
395	Realignment / install new UG utilities	117 days	Sat 7/5/22	Wed 31/8/22			
396	Backfill and reinstatement & ready for cable laying by others	30 days	Thu 1/9/22	Fri 30/9/22			
397	Section G (vi) - 275kV cable trenches and External Works at Area F18	397 days	Sat 1/8/21	Wed 16/8/22			1 May '21
398	Temporary Traffic Arrangement approval	45 days	Sat 1/5/21	Mon 14/6/21			
399	Subletting / Fabrication / Delivery	60 days	Tue 15/6/21	Fri 13/8/21			
400	Area Possession & Clearance	15 days	Sat 1/5/21	Sat 15/5/21			
401	Removal of aboveground services	30 days	Sun 16/5/21	Mon 14/6/21			
402	Utilities scanning and expose existing UU	45 days	Tue 15/6/21	Thu 29/7/21			
403	Arrange of diversion existing UG utilities	60 days	Fri 30/7/21	Mon 27/8/21			
404	Construct new cable trenches	172 days	Tue 28/8/21	Fri 18/3/22			
405	Realignment / install new UG utilities	45 days	Sat 19/3/22	Mon 2/5/22			
406	backfill and reinstatement & ready for cable laying by others	30 days	Tue 3/5/22	Wed 1/6/22			
407	Section G (vii) - Flood wall at No. 5 CW Intake Area along HUA at Area F20A	201 days	Fri 4/12/20	Thu 30/9/22			
408	Area Possession & Clearance	30 days	Fri 4/12/20	Sat 21/1/21			
409	Subletting / Fabrication / Delivery	60 days	Fri 25/12/20	Mon 22/2/21			
410	Temporary Traffic Arrangement approval	14 days	Fri 4/12/20	Thu 17/12/20			
411	ELS BD approval & consent	90 days	Fri 18/12/20	Wed 17/3/21			
412	Demolition of existing carriageway	30 days	Fri 18/12/20	Sat 9/1/21			
413	Removal of aboveground services	21 days	Sun 10/1/21	Sat 30/1/21			
414	Utilities scanning and expose existing UU	21 days	Sun 31/1/21	Sat 20/2/21			
415	Arrange of diversion existing UG utilities	30 days	Sun 21/2/21	Mon 22/3/21			
416	Install Sheet piles	45 days	Tue 23/3/21	Thu 6/5/21			
417	BA14 for sheetpile and BD consent for ELS	28 days	Fri 7/5/21	Thu 3/6/21			
418	Excavation and construction of new Flood wall	65 days	Fri 4/6/21	Sat 7/8/21			
419	Realignment / install new UG utilities	30 days	Sun 8/8/21	Mon 6/9/21			
420	backfill and construct new carriageway	18 days	Tue 7/9/21	Fri 24/9/21			
421	Ms. Work for completion	6 days	Sat 25/9/21	Thu 30/9/21			
422	Section G (viii) - Flood wall at No. 5 CW Intake Area along HUA at Area F20B	285 days	Fri 1/10/21	Wed 30/9/22			
423	Area Possession & Clearance	45 days	Fri 1/10/21	Sun 14/11/21			
424	Subletting / Fabrication / Delivery	90 days	Fri 22/10/21	Wed 19/1/22			
425	Temporary Traffic Arrangement approval	14 days	Fri 1/10/21	Thu 14/10/21			
426	ELS BD approval & consent	90 days	Fri 1/10/21	Wed 12/1/22			
427	Demolition of existing carriageway	60 days	Fri 1/10/21	Mon 29/1/22			
428	Removal of aboveground services	21 days	Tue 30/1/22	Mon 20/2/22			
429	Utilities scanning and expose existing UU	21 days	Tue 21/1/22	Mon 10/1/22			
430	Arrange of diversion existing UG utilities	30 days	Tue 11/1/22	Wed 9/2/22			
431	Install Sheetpiles	55 days	Thu 10/2/22	Tue 5/4/22			
432	BA14 for sheetpile and BD consent for ELS	28 days	Wed 6/4/22	Tue 3/5/22			
433	Excavation and construction of new Flood wall	90 days	Wed 4/5/22	Mon 1/8/22			
434	Realignment / install new UG utilities	30 days	Tue 2/8/22	Wed 31/8/22			
435	backfill and construct new carriageway	21 days	Thu 1/9/22	Wed 21/9/22			
436	Ms. Work for completion	9 days	Thu 22/9/22	Fri 30/9/22			
437	Section G (ix) - Bund wall modification works at South Seafront Road at Area F21	209 days	Fri 4/12/20	Wed 30/6/21			
438	Area Possession & Clearance	45 days	Fri 4/12/20	Sun 17/1/21			
439	Subletting / Fabrication / Delivery	90 days	Fri 25/12/20	Wed 24/3/21			
440	Temporary Traffic Arrangement approval	14 days	Fri 4/12/20	Thu 17/12/20			
441	ELS BD approval & consent	0 days	Thu 17/12/20	Thu 17/12/20			
442	Demolition of existing carriageway	14 days	Fri 18/12/20	Thu 31/12/20			
443	Removal of aboveground services	14 days	Fri 1/1/21	Thu 14/1/21			
444	Utilities scanning and expose existing UU	21 days	Fri 15/1/21	Thu 4/2/21			
445	Arrange of diversion existing UG utilities	30 days	Fri 5/2/21	Sat 6/3/21			
446	Excavation and expose existing bund wall & demolish	18 days	Sun 7/3/21	Wed 24/3/21			
447	Construction new bund wall for road junction	45 days	Thu 25/3/21	Tue 2/5/22			
448	Realignment / install new UG utilities	30 days	Sun 9/5/21	Mon 7/6/21			
449	backfill and construct new carriageway	18 days	Tue 8/6/21	Fri 25/6/21			
450	Ms. Work for completion	5 days	Sat 26/6/21	Wed 30/6/21			
451	Section G (x) - DAX Cable Diversion Works (from Part I to Part IV)	758 days	Fri 4/12/20	Sat 31/12/22			
452	Temporary Traffic Arrangement approval	14 days	Fri 4/12/20	Thu 17/12/20			
453	Subletting / Fabrication / Delivery	90 days	Fri 25/12/20	Wed 24/3/21			
454	Area Possession & Clearance	45 days	Fri 4/12/20	Sun 17/1/21			
455	Identification of existing cable trench	7 days	Mon 18/1/21	Sun 24/1/21			
456	Part 1 Re-excavation works incl construction of joint bay	246 days	Mon 25/1/21	Mon 27/9/21			
457	Part 2 Re-excavation works incl. joint bay	120 days	Mon 11/1/21	Mon 29/2/22			
458	Part 3 Re-excavation works incl. joint bay	242 days	Mon 11/1/21	Thu 30/6/22			
459	Part 4 Re-excavation works incl. joint bay & new oil tank pits	92 days	Sat 1/10/22	Sat 31/12/22			
460	Backfill & Reinstatement Part 1	61 days	Mon 11/1/21	Fri 31/1/21			
461	Backfill & Reinstatement Part 2	61 days	Mon 1/5/22	Thu 30/6/22			
462	Backfill & Reinstatement Part 3	61 days	Thu 1/9/22	Mon 31/10/22			
463	Section H - All remaining works shall be completed for reporting completion to BD, and ready for OP inspection (PS1.4.4)	478 days	Mon 8/11/21	Tue 28/2/23			
464	Deferred works (MSB & HRSG) Listed in PS 1.4.4	281 days	Mon 8/11/21	Mon 15/8/22			
465	Construction of L12 MSB roof between GL12-G to 12-H and 12-2 to 12-6 after the overhead crane installation	38 days	Mon 8/11/21	Wed 15/12/21			
466	Construction of walls of L12 MSB below 1/F along GL 12-6 from GL12-B to 12-C and the associated staircases	92 days	Mon 16/5/22	Mon 15/8/22			
467	Provision in associated with hoisting well	21 days	Mon 6/6/22	Sun 26/6/22			
468	Construction of internal partition wall at 1/F of L12 MSB along GL 12-C from GL 12-2 to 12-3 AND North Fac	30 days	Sat 16/4/22	Sun 15/5/22			
469	Construction of metal fence and the associated Fire Services (F.S.) installations and installation of removable	92 days	Mon 16/5/22	Mon 15/8/22			
470	Deferred works (DAX1 and DAX2) Listed in PS 1.4.4	334 days	Wed 1/2/23	Sun 31/12/23			
471	Backfilling of whole DAX1 compartment inside existing joint bay "STJ12" and the new oil tank pit A located as	59 days	Wed 1/2/23	Fri 31/3/23			
472	Re-excavation of whole DAX2 compartment inside existing joint bay "STJ12"	61 days	Tue 1/8/23	Sat 30/9/23			
473	Backfilling of whole DAX2 compartment inside existing joint bay "STJ12" and the new oil tank pit B located as	61 days	Wed 17/1/23	Sun 31/12/23			
474	Deferred works (External Work) Listed in PS 1.4.4	121 days	Thu 1/12/22	Fri 31/3/23			
475	Final reinstatement of access roads and pavement surrounding and within L12 MSB and L12 HRSG area	62 days	Thu 1/12/22	Tue 31/1/23			
476	Installation of trench cover and road reinstatement of gas pipe and cable trenches within Area F5, F14, F16,	90 days	Sun 1/1/23	Fri 31/3/23			
477	Backfilling and road-reinstatement of 275kV cable trenches	90 days	Sun 1/1/23	Fri 31/3/23			
478	All Remaining work ready for OP inspection	0 days	Tue 28/2/23	Tue 28/2/23			
479	STATUTORY SUBMISSION, INSPECTION & APPROVAL	865 days?	Fri 15/1/21	Mon 29/5/23			
480	WSD Statutory Submission, Inspection and Approval WWO Part I to III Submission / Approval	256 days	Fri 15/1/21	Mon 27/9/21			
481	WSD: Submit to WSD Form WWO 046 Part I to II - FOR ACB Building (for Ext Works at later stage)	90 days	Fri 15/1/21	Fri 15/1/21			
482	WSD: Vetting Form WWO 046 Part I and II Submission	0 days	Sat 16/1/21	Thu 15/4/21			
483	WSD: Issued of Form WWO 046 Part III by WSD - FOR ACB Building	0 days	0 days	Fri 16/4/21			
484	WSD: Prepare for 1st Amendment for Plumbing Plan	60 days	Fri 16/4/21	Mon 14/6/21			
485	WSD: Submit to WSD 1st Amendment for Plumbing Plan	0 days	Mon 14/6/21	Mon 14/6/21			
486	WSD: Vetting of Plumbing Plan by WSD	60 days	Tue 15/6/21	Fri 13/8/21			
487	WSD: 1st Approval for Plumbing Plan by WSD	0 days	Fri 13/8/21	Fri 13/8/21			
488	WSD: Prepare and Submit for Final Amendment for Plumbing Plan	60 days	Sat 14/8/21	Mon 27/9/21			
489	WSD: Vetting and Final Approval for Plumbing Plan by WSD	0 days	Mon 27/9/21	Mon 27/9/21			
490	WSD Statutory Submission, Inspection and Approval WWO Part IV to V Fire Services Water Submission /	34 days?	Tue 9/8/22	Sun 11/9/22			
491	WSD: Form WWO 046 Part IV Submission (FS)	7 days	Mon 4/10/21	Mon 4/10/21			
492	WSD: W						

