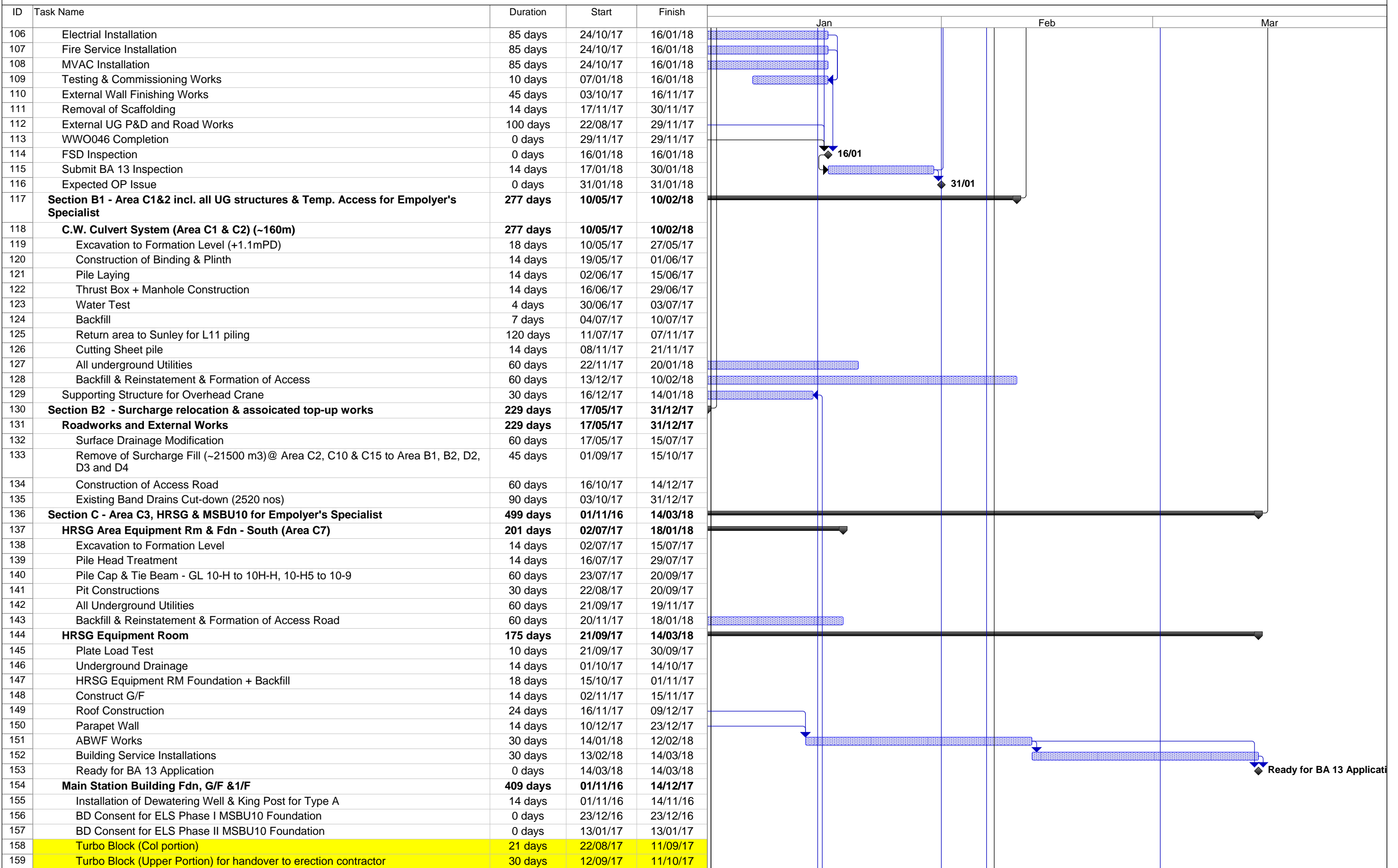
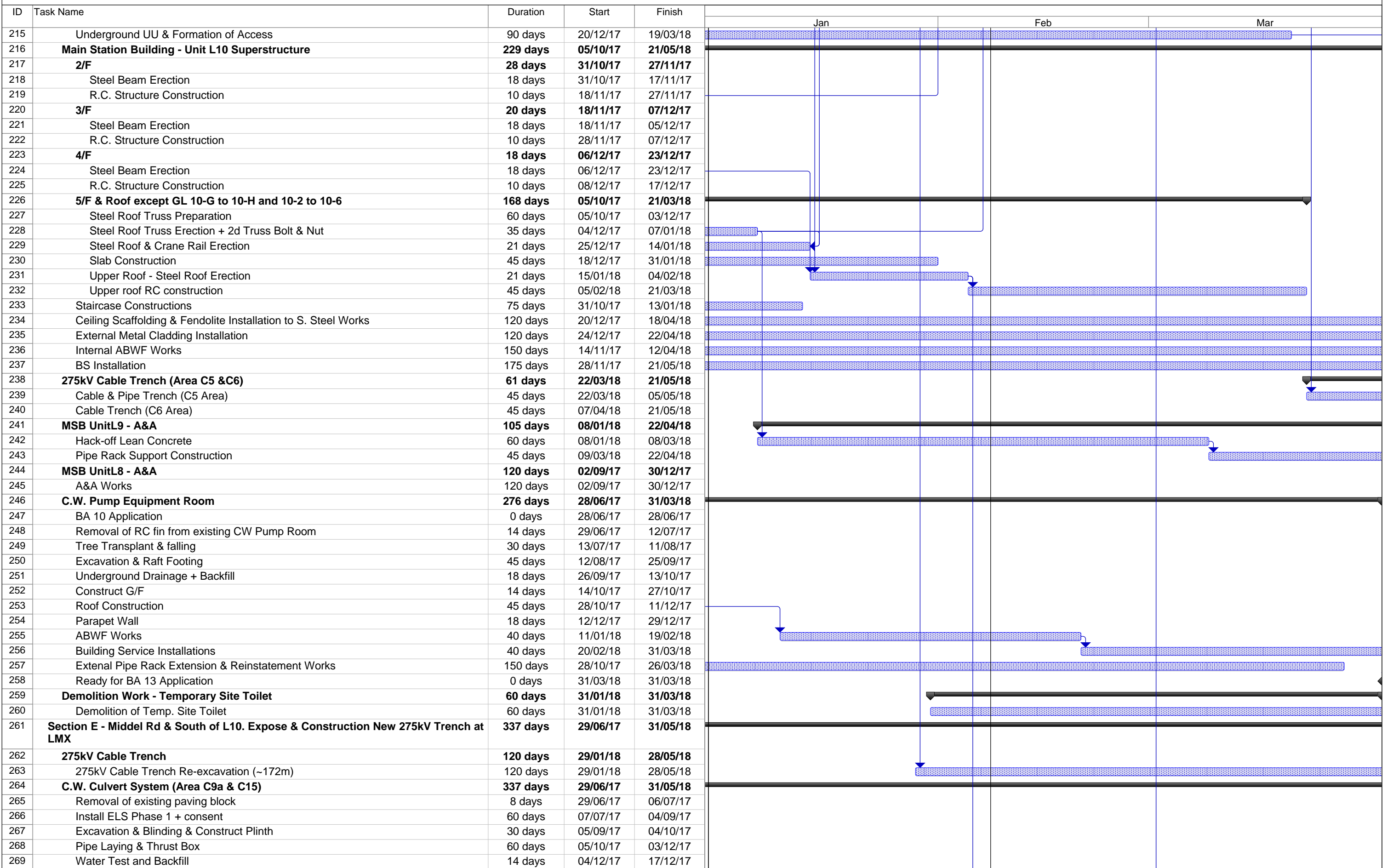


ID	Task Name	Duration	Start	Finish	Gantt Chart		
					Jan	Feb	Mar
1	Contract Key Date	1308 days	01/11/16	31/05/20			
2	Possession Date	1308 days	01/11/16	31/05/20			
3	Contract Commencement Date	0 days	01/11/16	01/11/16			
4	Section A1 - Modify Plinth at Ext. GRS	61 days	01/11/16	31/12/16			
5	Section A2 - LPS Site Office Building	410 days	18/12/16	31/01/18	← Section A2 - LPS Site Office Building		
6	Section B1 - Area C1&2 incl. all UG structures & Temp. Access for Employer's Specialist	426 days	12/12/16	10/02/18	← Section B1 - Area C1&2 incl. all UG structures & Temp. Access for Employer's		
7	Section B2 - Surcharge relocation & associated top-up works	122 days	01/09/17	31/12/17	← Section B2 - Surcharge relocation & associated top-up works		
8	Section C - Area C3, HRSG & MSBU10 for Employer's Specialist	457 days	13/12/16	14/03/18	← Section C - Area C3, HRSG		
9	Section D - Remaining of MSBU10, HRSG, A&A at L9 & L8, Ext. & Demolish Site Toilet	516 days	22/12/16	21/05/18			
10	Section D - CW Pump Equip. Rm No. 4	365 days	01/04/17	31/03/18			
11	Section E - Middel Rd & South of L10. Expose & Construction New 275kV Trench at LM	577 days	01/11/16	31/05/18			
12	Section F -Urea Storage & Handling Facilities	488 days	01/05/17	31/08/18			
13	Section G - Demin. Plant Road & No.3 Outfall	273 days	01/01/18	30/09/18			
14	Section G - Modification at No. 4 CW Intake	122 days	01/06/18	30/09/18			
15	Section H1 - Gas Support foundation & trench at Area C11	745 days	01/11/16	15/11/18			
16	Section H2 - GRS Improvement work at Area C10	441 days	01/09/17	15/11/18			
17	Section H3 - L10 Chimney Flue and A&A L9 & pipe rack formation	319 days	01/01/18	15/11/18			
18	Section I1 - Link Bridge & associated A&A	455 days	06/01/17	05/04/18			
19	Section I2 - Shunt Reactor SR4 Foundation	90 days	01/01/19	31/03/19			
20	Section I3 - All remaining work except deferred works	417 days	08/02/18	31/03/19			
21	Section J - Cable Route CPX1&2 cable diversion & whole of work except deferred works to be carried out in DLP	790 days	01/11/16	30/12/18			
22	Deferred works during DLP	336 days	01/07/19	31/05/20			
23	General & Preliminary	552 days	01/11/16	06/05/18			
24	Set up Temporary Site Office and Utilities	30 days	01/11/16	30/11/16			
25	Full Mobilization	14 days	01/11/16	14/11/16			
26	Permit Applications & Statuary Submissions	45 days	08/11/16	22/12/16			
27	Existing Utilities scanning & Excavation Permit	45 days	01/11/16	15/12/16			
28	Foundation of Tower Crane Construction	7 days	05/04/17	11/04/17			
29	Tower Crane Erection	5 days	12/04/17	16/04/17			
30	Removal of Tower Crane (Including Foundation)	14 days	23/04/18	06/05/18			
31	L10 MSB External Scaffolding erection	120 days	12/09/17	09/01/18			
32	L10 MSB External Scaffolding Removal	14 days	09/04/18	22/04/18			
33	Submission and Approval	450 days	01/11/16	24/01/18			
34	Method Statement / Temp Work Submission & Approval from HEC for General Works	240 days	01/11/16	28/06/17			
35	BD Approval & Consent (If required)	90 days	01/12/16	28/02/17			
36	BIM Model, CSD & CBWD Submission & Approval from HEC	200 days	01/12/16	18/06/17			
37	Structure Steelwork Connection Design Submission & BD Approval	30 days	31/12/16	29/01/17			
38	Structure Steelwork Shop Drawing & Approval	30 days	30/01/17	28/02/17			
39	Metal Cladding, louvre & windows submission & BD Approval	60 days	30/01/17	30/03/17			
40	Metal Cladding, louvre & windows shop drawing submission	45 days	14/02/17	30/03/17			
41	Order, Off Site Fabrication and Delivery (S. Steel & Cladding & louvres)	180 days	31/03/17	26/09/17			
42	CW Culvert (Inlet) ELS BD approval & consent	90 days	31/03/17	28/06/17			
43	Submission & Approval of Steel Flue Assessment Report and Design Drawings	210 days	31/12/16	28/07/17			
44	Submission and Approval of Steel Flue Design from BD	90 days	29/07/17	26/10/17			
45	Material Fabrication & Delivery for L10 Flue	100 days	27/09/17	04/01/18			
46	Folding Shutters Shop Drawing Submission & Approval	120 days	01/03/17	28/06/17			
47	Fabrication & Delivery of Foldering Shutters	150 days	29/06/17	25/11/17			
48	Sewage Pump System Design submission & Approval	45 days	13/08/17	26/09/17			
49	Fabrication & Delivery of Sewage Pump	120 days	27/09/17	24/01/18			
50	Other Material Submission & Approval & Deliverys	240 days	31/03/17	25/11/17			
51	Coordination with the Employer's Specialist Contractors	480 days	09/07/17	31/10/18			
52	Outlet Culvert Box Vertical Puddle Pipes Installation	7 days	09/07/17	15/07/17			
53	Inlet Culvert Box Vertical Puddle Pipes Installation	7 days	05/09/17	11/09/17			
54	Template setting in at L10 Turbo Block Foundation	45 days	12/10/17	25/11/17			

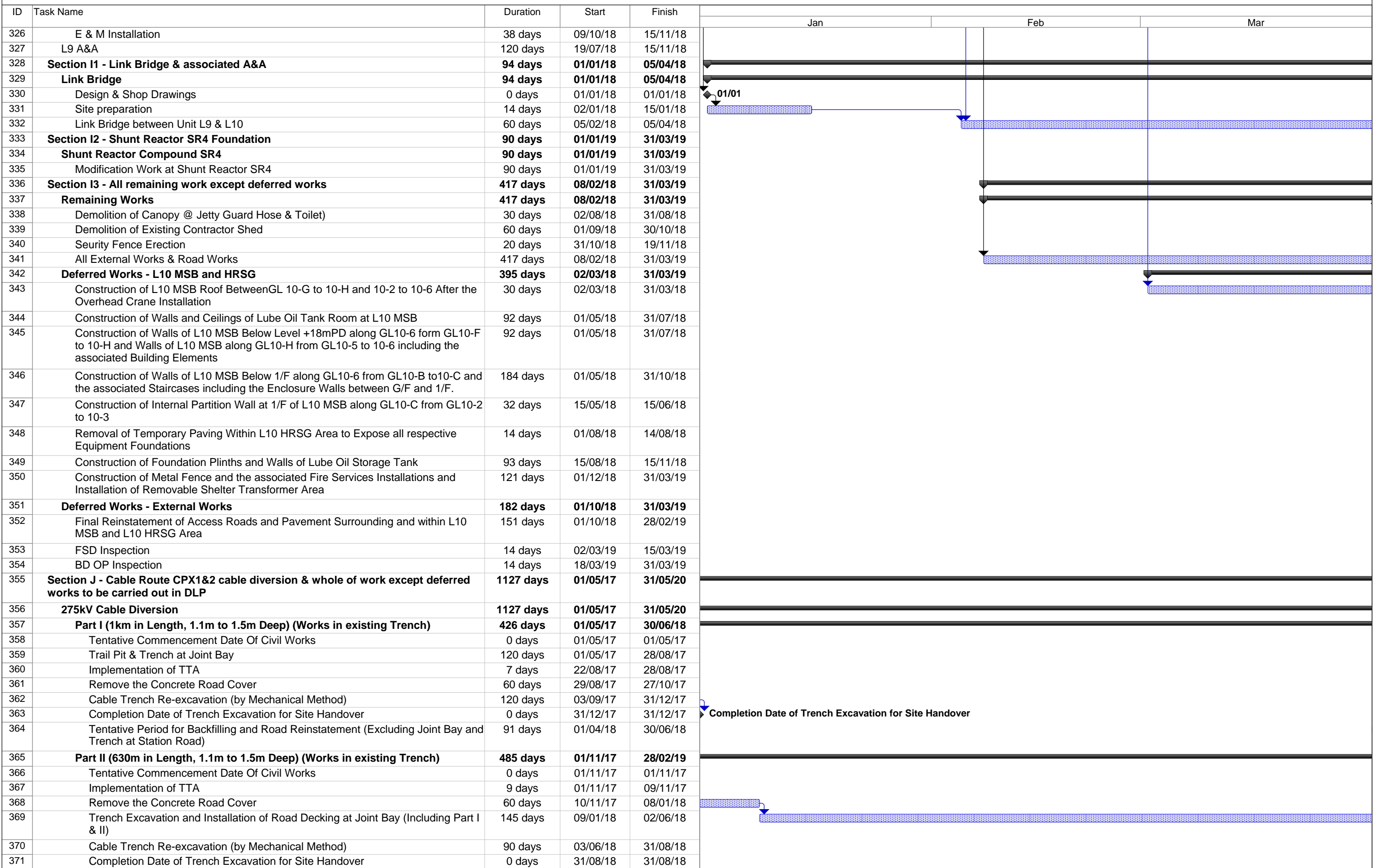
ID	Task Name	Duration	Start	Finish	Jan	Feb	Mar
55	Template setting of holding down bolts at HRSG Column Base	45 days	16/08/17	29/09/17			
56	I-beam/ Channel Base Installation on top of Transformer Foundations at Transformer A	32 days	12/10/17	12/11/17			
57	Overhead crane rail installation	14 days	15/01/18	28/01/18			
58	Overhead Crane Erection at Turbine Hall using Access through a Temporary Opening at L10 MSB Roof between GL 10-G to 10-H and 10-2 and 10-6	21 days	29/01/18	18/02/18			
59	Condenser Assembly and Erection using Access through a Temporary Opening at L10 MSB below 1/F along GL 10-6 from GL 10-B to 10-C including a Clear Space below 1/F between GL 10-B to 10-C	89 days	01/02/18	30/04/18			
60	Installation of Power Train Equipment including Air Inlet Duct using Access through a Temporary Façade Opening at L10 MSB below 1/F along GL 10-6 from GL 10-F to 10-H including a Clear Space below 1/F of the above Area	89 days	07/02/18	06/05/18			
61	Installation of Equipment in L10 HRSG Area after the Temporary Paving was Removed to Expose the Respective Foundations by the Contractor	78 days	15/08/18	31/10/18			
62	Installation of Embedded Materials such as Holding Down Bolts for Equipment Foundati	200 days	30/07/17	14/02/18			
63	Section A1 - Modify Plinth at Ext. GRS	61 days	01/11/16	31/12/16			
64	Existing Plinth Removal	18 days	01/11/16	18/11/16			
65	Wall Base & Plinth Construction	45 days	17/11/16	31/12/16			
66	Pipe Rcak at Unit 9 North (VO under EI No. 6)	197 days	29/01/17	14/08/17			
67	Consent and BA10 Submissions	0 days	29/01/17	29/01/17			
68	Hoarding & Plant Load Test	18 days	30/01/17	16/02/17			
69	Footing Construction & Reinstatement	120 days	17/02/17	16/06/17			
70	Structural Steel Fabrication, Delivery & Erection	60 days	16/06/17	14/08/17			
71	Section A2 - LPS Site Office Building	457 days	01/11/16	31/01/18			
72	Submissions of Shop Drawings and Approval	90 days	01/11/16	29/01/17			
73	Submisson & Approval of CSD & CBWD	60 days	15/01/17	15/03/17			
74	Complete site clearance by HKE	0 days	01/11/16	01/11/16			
75	Demolish of existing site office	21 days	01/11/16	21/11/16			
76	BA 10 Application	0 days	01/11/16	01/11/16			
77	Erection of Hording	7 days	01/11/16	07/11/16			
78	Plate Load Test	7 days	08/11/16	14/11/16			
79	Installation of Earthing Grid	18 days	15/11/16	02/12/16			
80	Construction of pad footing, bearing wall, columns up to G/F	45 days	03/12/16	16/01/17			
81	Chinese New Year	10 days	27/01/17	05/02/17			
82	Backfill & UG Drainage within Building	75 days	17/01/17	01/04/17			
83	Backfill & Blinding	4 days	02/04/17	05/04/17			
84	Construct G/F on-grade slab & External Scaffold Erection	12 days	06/04/17	17/04/17			
85	RC Walls, Columns and Slab up to 1/F	100 days	18/04/17	26/07/17			
86	RC Walls, Columns and Slab up to R/F	40 days	13/07/17	21/08/17			
87	Parapet Wall, FS Water Tank, Top Roofs + RC curb, hatch door etc	21 days	22/08/17	11/09/17			
88	Waterproofing for Liift pit + Water test	14 days	15/08/17	28/08/17			
89	G/F Window, Louvre, Doors Frame & Shutter Frame	30 days	26/08/17	24/09/17			
90	G/F Finishing Works	45 days	09/09/17	23/10/17			
91	G/F Plumbing & Drainage Works	30 days	09/10/17	07/11/17			
92	G/F Sanitary Fitting and Cubicles	30 days	30/10/17	28/11/17			
93	G/F Other sundry metal, railing, etc	45 days	24/10/17	07/12/17			
94	G/F Placing Furnitures	10 days	21/01/18	30/01/18			
95	1/F Window, Louvre & Door Frames	30 days	21/09/17	20/10/17			
96	1/F Finishing Works	45 days	05/10/17	18/11/17			
97	1/F Plumbing, Sanitary Fittings & Drainage Works	21 days	04/11/17	24/11/17			
98	1/F Other sundry metal, railing, etc	60 days	21/10/17	19/12/17			
99	R+UR/F Waterproofing Installation + Testing	45 days	03/10/17	16/11/17			
100	R/F Finishing Works (incl. Water Tank & FS Pump Room)	45 days	03/10/17	16/11/17			
101	R/F Plumbing Works	14 days	17/11/17	30/11/17			
102	R/F Sundry Metal, Handrail & Glazed Railing	30 days	17/11/17	16/12/17			
103	Installation of Door a& Shutter leafs	30 days	17/11/17	16/12/17			
104	Handover of lift shaft	0 days	28/08/17	28/08/17			
105	Lift Installation + EMSD Inspection + Issue of Lift Cert	90 days	29/08/17	26/11/17			



ID	Task Name	Duration	Start	Finish	Jan	Feb	Mar
160	Substructure & G/F- GL SC1 to 10-F, 10-1 to 10-6	307 days	24/12/16	26/10/17			
161	Excavation to Formation Level (Tx Bay Area + upto 10-D)	14 days	24/12/16	06/01/17			
162	Cut-down Pile Head & treatment	45 days	28/12/16	10/02/17			
163	Construction of Transformer Bay Foundations	60 days	11/02/17	11/04/17			
164	Pile Cap & Tie Beam, Pits Construction	60 days	12/04/17	10/06/17			
165	Bearing Wall, Column Post and G/F Plinths	60 days	11/06/17	09/08/17			
166	Excavation, Waling & Struct (Type A & Type C)	60 days	26/04/17	24/06/17			
167	CEP Drain Pit /Sump Pit Construction	14 days	25/06/17	08/07/17			
168	Arrival of CW Culvert piping materials incl. flexible joint & other cast in materials	0 days	30/12/16	30/12/16			
169	Construction of Culvert Outlet Box (1st pour)	18 days	25/06/17	12/07/17			
170	Construction of Tie Beam/ Ground Beam + Outlet Box 2nd Pour	40 days	13/07/17	21/08/17			
171	Construction of Culvert Inlet Box & Ground Beams	45 days	22/08/17	05/10/17			
172	Backfill + Slabs & Drainage at G/F Area	21 days	06/10/17	26/10/17			
173	Turbo Block Foundation (1st portion) + Temp work	35 days	18/07/17	21/08/17			
174	Substructure & G/F- GL 10-F to 10-H, 10-1 to 10-6	278 days	07/01/17	11/10/17			
175	Excavation to Formation Level (+2.425mPD & 5.025mPD)	60 days	07/01/17	07/03/17			
176	Existing Sheet Pile Cut-down	7 days	08/03/17	14/03/17			
177	Pile Head Treatment	14 days	15/03/17	28/03/17			
178	Pile Cap & Tie Beam Construction	90 days	29/03/17	26/06/17			
179	Complete excavation at Type B & Plate Load Test	65 days	15/03/17	18/05/17			
180	Blow Down Sump (1st pour) + Mass Concrete for tie beams	50 days	27/06/17	15/08/17			
181	Remaining Tie Beams + Column Post at North of Turbo Block	30 days	16/08/17	14/09/17			
182	Backfill, Bearing Wall, Drainage and G/F Slab Construction	21 days	15/09/17	05/10/17			
183	Pile Caps & Tie Beam at South of Turbo Block	30 days	22/08/17	20/09/17			
184	Turbo Block Foundation (GL 10-F to H)	21 days	21/09/17	11/10/17			
185	G/F & 1/F & Maintenance Floor	115 days	22/08/17	14/12/17			
186	Steel Column & Beam Erections (other than for roof truss)	70 days	22/08/17	30/10/17			
187	R.C. Structure Construction	45 days	31/10/17	14/12/17			
188	Transformer Area	95 days	10/08/17	12/11/17			
189	Fire Wall Construction	50 days	10/08/17	28/09/17			
190	Slab & Plinths Construction + Backfill	45 days	29/09/17	12/11/17			
191	C.W. Culvert System (Area C3)	202 days	11/06/17	29/12/17			
192	Excavation to Formation Level	14 days	11/06/17	24/06/17			
193	Construction of Binding & Plinth	3 days	25/06/17	27/06/17			
194	CW Pipe Laying	14 days	28/06/17	11/07/17			
195	Thrust Box Construction	14 days	12/07/17	25/07/17			
196	Water Test	10 days	26/07/17	04/08/17			
197	Backfill	14 days	05/08/17	18/08/17			
198	Pile Cap & Tie Beam + Underground UU + Backfill	60 days	31/10/17	29/12/17			
199	Section D - Remaining of MSBU10, HRSG, A&A at L9 & L8, CW Pump Equip. Rm No. 4 Ext. & Demolish Site Toilet	419 days	29/03/17	21/05/18			
200	C.W Culvert System (Area C5)	142 days	30/12/17	20/05/18			
201	Excavation to Formation Level (-2.8mPD) with ELS Installation	30 days	30/12/17	28/01/18			
202	Construction of Binding & Plinth	7 days	29/01/18	04/02/18			
203	Penstock Trial & Preparation for connection to existing outlet pipe	0 days	04/02/18	04/02/18			
204	Pipe Laying (2 Pipes)	21 days	05/02/18	25/02/18			
205	Water Test	10 days	26/02/18	07/03/18			
206	Backfill	14 days	08/03/18	21/03/18			
207	All underground Utilities	60 days	22/03/18	20/05/18			
208	Backfill & Reinstatement & Formation of Access	60 days	22/03/18	20/05/18			
209	HRSG Area Fdn - North (Area C6)	356 days	29/03/17	19/03/18			
210	Excavation to Formation Level	21 days	29/03/17	18/04/17			
211	Pile Head Treatment	14 days	19/04/17	02/05/17			
212	Fdn North of HRSG Area GL 10-H to 10H-H, 10-1to 10H-5	60 days	03/05/17	01/07/17			
213	Pit Constructions	30 days	21/09/17	20/10/17			
214	Backfill	60 days	21/10/17	19/12/17			



ID	Task Name	Duration	Start	Finish	Jan	Feb	Mar
270	Underground UU and Reinstatement	120 days	18/12/17	16/04/18	[Task bar spanning Jan, Feb, Mar]		
271	Install ELS Phase 2 + consent	21 days	15/08/17	04/09/17	[Task bar in Jan]		
272	Blinding & Concrete Plinth	30 days	05/09/17	04/10/17	[Task bar in Jan]		
273	Pipe Laying and Thrust Box	45 days	04/12/17	17/01/18	[Task bar in Jan]		
274	Water Test & Backfill	14 days	18/01/18	31/01/18	[Task bar in Jan]		
275	Underground UU and Reinstatement	120 days	01/02/18	31/05/18	[Task bar spanning Feb, Mar]		
276	Section F -Urea Storage & Handling Facilities	488 days	01/05/17	31/08/18	[Section bar spanning Jan, Feb, Mar]		
277	Urea Handling & Storage Plant House, Electrical Room & Pipe Rack	488 days	01/05/17	31/08/18	[Section bar spanning Jan, Feb, Mar]		
278	BA 10 Application	7 days	01/05/17	07/05/17	[Task bar in Jan]		
279	Excavation to Formation Level	10 days	26/09/17	05/10/17	[Task bar in Jan]		
280	Plate Load Test	14 days	06/10/17	19/10/17	[Task bar in Jan]		
281	Raft Foundation (Urea Handng Rm + Ele Rm)	30 days	20/10/17	18/11/17	[Task bar in Jan]		
282	Backfill	21 days	19/11/17	09/12/17	[Task bar in Jan]		
283	Construct G/F	21 days	10/12/17	30/12/17	[Task bar in Jan]		
284	Roof Construction	90 days	31/12/17	30/03/18	[Task bar spanning Jan, Feb]		
285	Parapet Wall	14 days	31/03/18	13/04/18	[Task bar in Feb]		
286	ABWF Works	60 days	14/04/18	12/06/18	[Task bar in Feb]		
287	Building Service Installations	80 days	13/06/18	31/08/18	[Task bar in Feb]		
288	Ready for BA 13 Application	0 days	31/08/18	31/08/18	[Task bar in Mar]		
289	Plate Load Test	14 days	06/10/17	19/10/17	[Task bar in Jan]		
290	Pipe Rack Foundation	28 days	20/10/17	16/11/17	[Task bar in Jan]		
291	Supporting Tower (4 no.) (9.55m in Height)	60 days	17/11/17	15/01/18	[Task bar in Jan]		
292	Pipe Rack Truss (3 no.) 17.3m Span	60 days	16/01/18	16/03/18	[Task bar in Feb]		
293	Section G - Demin. Plant Road & Modification at No. 4 CW Intake	273 days	01/01/18	30/09/18	[Section bar spanning Feb, Mar]		
294	C.W Culvert System (Area C9b)	273 days	01/01/18	30/09/18	[Section bar spanning Feb, Mar]		
295	Site possession	0 days	01/01/18	01/01/18	[Task bar in Feb]		
296	Removal of paving block & ELS Installation + consent	60 days	01/01/18	01/03/18	[Task bar in Feb]		
297	Excavation to Formation Level with ELS Installation	30 days	02/03/18	31/03/18	[Task bar in Feb]		
298	Construction of Blinding & Plinth	21 days	01/04/18	21/04/18	[Task bar in Feb]		
299	Pipe Laying (2 pipes x ~45m)	30 days	22/04/18	21/05/18	[Task bar in Feb]		
300	Construction of Thrust Box	14 days	22/05/18	04/06/18	[Task bar in Feb]		
301	Water Test	7 days	05/06/18	11/06/18	[Task bar in Feb]		
302	Backfill	16 days	12/06/18	27/06/18	[Task bar in Feb]		
303	All underground Utilities	50 days	28/06/18	16/08/18	[Task bar in Feb]		
304	Backfill & Reinstatement & Formation of Access	45 days	17/08/18	30/09/18	[Task bar in Feb]		
305	Modification Works - No. 4 C.W. Intake & No.3 C.W. Outfall	183 days	01/04/18	30/09/18	[Section bar spanning Feb, Mar]		
306	No. 3 C.W. Outfall Modification	90 days	01/04/18	29/06/18	[Task bar in Feb]		
307	No. 4 C.W. Intake Modification	90 days	03/07/18	30/09/18	[Task bar in Feb]		
308	Section H1 - Gas Support foundation & trench at Area C11	179 days	21/05/18	15/11/18	[Section bar spanning Feb, Mar]		
309	GRS Support Foundation	179 days	21/05/18	15/11/18	[Section bar spanning Feb, Mar]		
310	Temporary Protection, advance work etc	14 days	21/05/18	03/06/18	[Task bar in Feb]		
311	Gas Pipe Footing	165 days	04/06/18	15/11/18	[Task bar in Feb]		
312	Gas Pipe Trench	90 days	18/08/18	15/11/18	[Task bar in Feb]		
313	Section H2 - GRS Improvement work at Area C10	441 days	01/09/17	15/11/18	[Section bar spanning Jan, Feb, Mar]		
314	GRS Area Improvement Works	441 days	01/09/17	15/11/18	[Section bar spanning Jan, Feb, Mar]		
315	Retaining Wall Construction	90 days	01/09/17	29/11/17	[Task bar in Jan]		
316	Removal of Surcharge and Backfill	45 days	30/11/17	13/01/18	[Task bar in Jan]		
317	Footing Construction	240 days	14/01/18	10/09/18	[Task bar spanning Feb, Mar]		
318	Topping up, finish and Misc. Works	66 days	11/09/18	15/11/18	[Task bar in Feb]		
319	Section H3 - L10 Chimney Flue and A&A L9	318 days	01/01/18	15/11/18	[Section bar spanning Feb, Mar]		
320	No.4 Chimney Steel Flue	318 days	01/01/18	15/11/18	[Section bar spanning Feb, Mar]		
321	Consent, documentation and site preparation	0 days	01/01/18	01/01/18	[Task bar in Feb]		
322	Steel Flue Preparation & installation	150 days	02/01/18	31/05/18	[Task bar in Feb]		
323	Install Steel Cover at Windshield	45 days	01/06/18	15/07/18	[Task bar in Feb]		
324	Install Steel Cover at Roof	30 days	16/07/18	14/08/18	[Task bar in Feb]		
325	Modification & Reinstatement Works	55 days	15/08/18	08/10/18	[Task bar in Feb]		



ID	Task Name	Duration	Start	Finish			
					Jan	Feb	Mar
372	Tentative Period for Backfilling and Road Reinstatement (Including Joint Bay at Part I, but excluding Joint Bay SJ3)	90 days	01/12/18	28/02/19			
373	Part III (400m in Length, 1.3m to 1.5m Deep) (Works in New Trench)	518 days	01/07/18	30/11/19			
374	Tentative Commencement Date Of Civil Works	0 days	01/07/18	01/07/18			
375	Implementation of TTA	9 days	01/07/18	09/07/18			
376	Remove the Concrete Road Cover	90 days	10/07/18	07/10/18			
377	Cable Trench Excavation with shoring	260 days	31/07/18	16/04/19			
378	Construction of New Joint Bay	45 days	17/04/19	31/05/19			
379	Completion Date of Trench Excavation for Site Handover	0 days	31/05/19	31/05/19			
380	Tentative Period for Backfilling and Road Reinstatement (excluding new slab but including SJ3)	91 days	01/09/19	30/11/19			
381	Part IV (Hand Dig Tunnel) + Defer portion	701 days	01/07/18	31/05/20			
382	Tentative Commencement Date Of Civil Works	0 days	01/07/18	01/07/18			
383	Trial Pits / Trenches	30 days	01/07/18	30/07/18			
384	Existing Drainage Diversion, if any	20 days	31/07/18	19/08/18			
385	Formation of Temp. Cable Pit	90 days	20/08/18	17/11/18			
386	Hand Dig Tunel (15m)	150 days	18/11/18	16/04/19			
387	Excavtion for new RC Works	90 days	17/01/19	16/04/19			
388	Construction of new RC Works	45 days	17/04/19	31/05/19			
389	Backfill & reinstatement except new trench	30 days	01/06/19	30/06/19			
390	Completion Date of Trench for Site Handover	0 days	30/06/19	30/06/19			
391	Deferred Works - Cable Diversion CPX1 and CPX2 (during DLP)	274 days	01/09/19	31/05/20			
392	Formation of Wall Opening between existing trench CPX1 and new Joint Bay	7 days	01/09/19	07/09/19			
393	Breaking up for Road Paving and Excavation down to Cable Tiles of Existing Trench CPX2	31 days	01/12/19	31/12/19			
394	Demolition of Existing Trench CPX1 and CPX2	30 days	01/04/20	30/04/20			
395	Final Reinstatement of the CPX1 and CPX2 Areas	31 days	01/05/20	31/05/20			
396	Deferred Works - Shunt Reactor Compound SR4 (during DLP)	153 days	01/07/19	30/11/19			
397	Trench Re-excavation and Cable Supports Installation for Shunt Reactor Compound SR4	62 days	01/07/19	31/08/19			
398	Backfilling and Road Re-instatement of Shunt Reactor SR4 and Associated Trench	30 days	01/11/19	30/11/19			

SCHEDULE C. Contract No. 16/2209
 Lamma Power Station Extension - Unit 10
 Complete Erection, Inspection, Testing &
 Commissioning of Power Block Facilities

No.	Description	2018		
		Jan	Feb	Mar
	Erection Key Date			
			1-Jan	
				1-Feb
				8-Feb
		Sub-contractor's c		
A	HRSB PORTION			
A-01	Install Casing (Bottom/Side/Top) with Structure			
				G-Ass
				Weldi
				Cable Tray
A-02	Upper/Lower Connection Pipe		Lower Pipe Temp. Install	
A-03	Module Install (Bundle Tube Block)			
A-04	Down Commer Pipe			
A-05	Drum Lifting / HDR Level Adjustment			
A-06	Critical Piping/connecting piping (Main Steam, Aux, R/H, HP/LP Feed Water)			
A-07	Other piping			
A-08	Access Platform / Hand Rail			

SCHEDULE C. Contract No. 16/2209
 Lamma Power Station Extension - Unit 10
 Complete Erection, Inspection, Testing &
 Commissioning of Power Block Facilities

No.	Description	2018		
		Jan	Feb	Mar
	Erection Key Date		1-Jan	1-Feb 8-Feb
A-09	Inside Baffle Plate & Seismic Tie Adjust / Setting			
A-10	SCR System			
A-11	Inlet Duct Structure / Include Pipe Rack (U9-U10 Connection)			
A-12	Inlet Duct			
A-13	Exhaust Duct Structure			
A-14	Exhaust Duct			
A-15	Aux Equip(B/D Tank, HP/IP Feed Water Pump, LP Eco Recirculation Pump, etc.) HP/IP Feed Water Pump Reserve feed water Tank			
A-16	Insulation			

SCHEDULE C. Contract No. 16/2209
 Lamma Power Station Extension - Unit 10
 Complete Erection, Inspection, Testing &
 Commissioning of Power Block Facilities

No.	Description	2018		
		Jan	Feb	Mar
	Erection Key Date			
		▼	1-Jan ▼	1-Feb ▼
			▼	8-Feb ▼
		Sub-contractor's c		
A-17	Painting			▼
A-18	Install Catalyst			▼
A-19	Steam Blowing out(other scope) & alkaline boiling out Installation of Temporary piping, Support & Silencer Exection of Steam blowing out Dismantle of Temporary iping, Support & Silencer Exection of Steam boiling out			
B	GT/ST/GEN PORTION			
B-1	Turbine O/H Crane			G-Assy&Lifting→In
B-2	Condenser	Prepare Temp. Rail	Pull In Shell	
		Ass'y of Skir		
		Pull In Condenser v		
		Body Ass'y t		
		Water box s		
		Water box s		

SCHEDULE C. Contract No. 16/2209
 Lamma Power Station Extension - Unit 10
 Complete Erection, Inspection, Testing &
 Commissioning of Power Block Facilities

No.	Description	2018		
		Jan	Feb	Mar
	Erection Key Date			
			1-Jan	
				1-Feb
				8-Feb
B-3	Install ST			
				Preparation of Sole Plate
B-4	Install GEN			
				Prepare Temp Rail
				Preparation of Sole Plate
				Install Seal oil unit
				Install Gas Control Unit

SCHEDULE C. Contract No. 16/2209
 Lamma Power Station Extension - Unit 10
 Complete Erection, Inspection, Testing &
 Commissioning of Power Block Facilities

No.	Description	2018		
		Jan	Feb	Mar
	Erection Key Date			
		▼	1-Jan ▼	1-Feb ▼
			▼	8-Feb ▼
		Sub-contractor's c →		
B-5	Install GT		Prepare Temp Rail ●-----●	●-----●
			Preparation of Sole Plate ●-----●	●-----●
			Block No.5.6 ▼	
B-6	Aux Equipment			▼
			Dismantle of ●-----●	●-----●
B-7	Insulation			
B-8	Painting			
B-9	Switchgear/Hoist/Hoist for condenser		Install Hoist / Load ●-----●	▼ Hoist/Hoist rail for C

SCHEDULE C. Contract No. 16/2209
 Lamma Power Station Extension - Unit 10
 Complete Erection, Inspection, Testing &
 Commissioning of Power Block Facilities

No.	Description	2018		
		Jan	Feb	Mar
	Erection Key Date			
		▼	1-Jan	
			▼	1-Feb
			▼	8-Feb
				▼
		Sub-contractor's c →		

SCHEDULE C. Contract No. 16/2209
 Lamma Power Station Extension - Unit 10
 Complete Erection, Inspection, Testing &
 Commissioning of Power Block Facilities

No.	Description	2018		
		Jan	Feb	Mar
	Erection Key Date			
		▼	1-Jan ▼	1-Feb ▼
			▼	8-Feb ▼
		Sub-contractor's c →		
C	ERECTION & INSTRUMENTATION PORTION			
C-1	Transformer & Ancillaries (G Tx, U Tx, Ex Tx, SFC Tx)			Main SFC ▼
C-2	EQUIPMENT INSTALLATION			
	Generator & Ancillaries			
	Isolated Phase Busducts			
	Switchgear and Accessories			
	UPS, Batterys, Battery Charger System & DBs			
	Electrical Panels & Local Control Panels			
	Control Systems, Control Panels, Local Instrument Cubicle & Rack			
	Channel Base Installation	●	●	●
C-3	CABLING SYSTEM INSTALLATION			●
	Cable Ladder / Tray Installation			
	Conduit Pipe Installation			
	Earthing Installation			
	Cable Laying & Termination			
	Fire Resistant Sealing			
	Cable Trench Opening & Transportation			

SCHEDULE C. Contract No. 16/2209
 Lamma Power Station Extension - Unit 10
 Complete Erection, Inspection, Testing &
 Commissioning of Power Block Facilities

No.	Description	2018		
		Jan	Feb	Mar
	Erection Key Date			
		▼	1-Jan ▼	1-Feb 8-Feb ▼
		Sub-contractor's c →		
C-4	INSTRUMENTS, INSTR. PIPINGS & AIR TUBE			
	Local Instruments, Piping & Tubing			
	Instrument Calibration			
C-5	OTHER WORK			
	275kV Shunt Reactor Relocation			
	Turbine Overhead Crane, Hoist, Battery Power Supply	●—————●		
	Existing CWP etc.			
	BOP & Other Works			
	Site Cleaning			
C-6	TESTING & COMMISSIONING			
	Testing & Commissioning			
	Commissioning Assistant			

Contract No. 15/8009 - Lamma Power Station Extension Foundation Works for Unit L11 - No.3 Control Building
Tentative Piling Sequence Programme

ID	Task Name	Duration	Start	Finish	
1					JAN-18
2	Bored Pile Construction	164 days	2017/11/29	2018/6/16	W2 W3 W4 W5 W6 W7 W8 W9 W10 W11 W12 W13
3					
4	Rig 1	116 days	2017/11/29	2018/4/20	
5					
6	BP6	38 days	2017/11/29	2018/1/13	
7	Excavation	13 days	2017/11/29	2017/12/14	
8	RCD Drilling	14 days	2017/12/15	2018/1/2	
9	Airlifting & koden test	2 days	2018/1/3	2018/1/5	
10	Rebar cage installation	5 days	2018/1/6	2018/1/12	
11	Concreting	1 day	2018/1/12	2018/1/13	
12					
13	BP5	38 days	2018/1/15	2018/3/2	
14	Excavation	15 days	2018/1/15	2018/1/31	
15	RCD Drilling	12 days	2018/2/1	2018/2/15	
16	Airlifting & koden test	2 days	2018/2/21	2018/2/23	
17	Rebar cage installation	4 days	2018/2/24	2018/3/1	
18	Concreting	1 day	2018/3/1	2018/3/2	
19					
20	BP1	38 days	2018/3/3	2018/4/20	
21	Excavation	15 days	2018/3/3	2018/3/21	
22	RCD Drilling	13 days	2018/3/22	2018/4/10	
23	Airlifting & koden test	2 days	2018/4/11	2018/4/13	
24	Rebar cage installation	4 days	2018/4/14	2018/4/19	
25	Concreting	1 day	2018/4/19	2018/4/20	
26					
27					
28					
29	Rig 2	116 days	2017/12/11	2018/5/3	
30					
31	BP2	39 days	2017/12/11	2018/1/25	
32	Excavation	14 days	2017/12/11	2017/12/27	
33	RCD Drilling	13 days	2017/12/28	2018/1/13	
34	Airlifting & koden test	2 days	2018/1/15	2018/1/17	
35	Rebar cage installation	5 days	2018/1/19	2018/1/24	
36	Concreting	1 day	2018/1/25	2018/1/25	
37					
38	BP3	38 days	2018/1/27	2018/3/15	
39	Excavation	14 days	2018/1/27	2018/2/12	
40	RCD Drilling	14 days	2018/2/13	2018/3/5	
41	Airlifting & koden test	2 days	2018/3/6	2018/3/8	
42	Rebar cage installation	4 days	2018/3/9	2018/3/14	
43	Concreting	1 day	2018/3/14	2018/3/15	
44					
45	BP4	37 days	2018/3/16	2018/5/3	
46	Excavation	15 days	2018/3/16	2018/4/8	
47	RCD Drilling	12 days	2018/4/7	2018/4/21	
48	Airlifting & koden test	2 days	2018/4/23	2018/4/25	
49	Rebar cage installation	4 days	2018/4/26	2018/5/2	
50	Concreting	1 day	2018/5/2	2018/5/3	
51					
52					
53	Interface Coring, Sonic Test & BD Full Coring	62 days	2018/4/16	2018/6/16	
54					
55	No. 3 Control Building 6 piles	52 days	2018/4/16	2018/6/16	
56					
57	Interface Coring & Sonic Test (Coring after at least 8 days of pile cast)	26 days	2018/4/16	2018/5/17	
58					
59	BA 14 Submission	7 days	2018/5/10	2018/5/18	
60					
61	BD Selection of Full Coring Piles (14 days after BA14 Submission)	14 days	2018/5/18	2018/6/4	
62					
63	Concrete Full Coring (2 piles)	10 days	2018/6/5	2018/6/16	

Piling Sequence Programme
 (18-12-2017)

