

16/8002 Outstanding Work Programme

16-8002 OS Work Prog (4 Nov 19)

Mon 4/11/19

ID	Task Name	Duration	16-8002 OS Work Prog (4 Nov 19)		
			February 2020	March 2020	April 2020
1	16/8002 Unit 10 Outstanding Work Programme	370 days?			
2	Unit 10 MSB & HRSG	370 days			
3	Superstructure	340 days			
4	Upper Roof	107 days			
10	5/F	14 days			
11	Erect fall arrest system @ rooflight	3 days			
12	Erect remaining external feature and cladding at North of Air Filter Inlet	10 days			
13	Install cat ladder @ rooflight	7 days			
14	Installation of toe board for railing@ hoisting well	1 day			
15	4/F	6 days			
16	Additional handrail to overhead crane walkway	3 days			
17	Installation of toe board for railing@ hoisting well	1 day			
18	Seal up opening by chequer plates	2 days			
19	3/F	2 days			
20	Installation of toe board for railing@ hoisting well	1 day			
21	Seal up opening by chequer plates	2 days			
22	2/F	5 days			
23	Additional and modification of handrail to overhead crane walkway	5 days			
24	Installation of toe board for railing@ hoisting well	1 day			
25	Seal up opening by chequer plates	2 days			
26	1/F	3 days			
27	Installation of toe board for railing@ hoisting well	1 day			
28	Seal up opening by chequer plates	2 days			
29	M/F + 12.15mPD Mainenance Platform	28 days			
33	G/F	11 days			
34	Installation of railing@ Condenser & Lube Oil Tank Room	7 days			
35	Modification of chequer plates of surface channel with pipes installed	10 days			
36	Transformer Area	85 days			
41	Link Bridge	132 days			
50	Others	4 days			
51	Fendolite touch up@ ST2, G-1/F	3 days			
52	Instllation of braille sign on handrail@ ST1 & ST2	3 days			
53	External Works	15 days			
54	EVA North MSB & HRSG	13 days			
55	Curb surrounding Feed Water Pump	6 days			
56	Road base near West & along cable trench	7 days			
57	Road paving near West & along cable trench	10 days			
58	Conduits for streetlight and fs signal	3 days			
59	Road base near East	2 days			
60	Road paving near East	3 days			
61	EVA West MSB	7 days			
62	Road base near South	2 days			
63	Road paving	2 days			
64	Relocate hoarding and Gate 39	3 days			

16-8002 OS Work Prog (4 Nov 19)

Critical Split Task

 Split

 Milestone ◆

Summary 

16/8002 Outstanding Work Programme

16-8002 OS Work Prog (4 Nov 19)

Mon 4/11/19

ID	Task Name	Duration			
			February 2020	March 2020	April 2020
65	EVA South MSB & HRSG	11 days			
66	Road base near West	2 days			
67	Road paving near West	2 days			
68	Conduits for streetlight and fs signal near East	4 days			
69	Road base near East	3 days			
70	Road paving near East	3 days			
71	Extend hoarding to the East	1 day			
72	EVA East HRSG	14 days			
73	Surface channel outside HRSG Equipment Room	4 days			
74	Remaining on-grade slab at HRSG	6 days			
75	300mm dia. drain to new surface channel	5 days			
76	New surface drain u channel	5 days			
77	Conduits for streetlight and fs signal	3 days			
78	Road base	2 days			
79	Road paving	3 days			
80	Erect hoarding and gate	2 days			
81	Installation of pole for traffic sign@EVA	8 days			
82	Cleaning and complete remaining works inside manholes@EVA	10 days			
83	Street lighting	12 days			
84	Lift @ HRSG Installation (Temporary)	30 days			
85	Statutory Submissions & Inspection	370 days			
100	C.W. Pump, Intake and Urea Plant and Outstanding External Works	34 days?			
101	C.W. Pump Area incl. Chlorination Area	12 days			
102	Conduits for streetlight and fs signal@ footpath	5 days			
103	Road Reinstatement at Demin. Plant Road	4 days			
104	Relocation Hoarding to middle road and return area to GEN	3 days			
105	Urea Plant + Middle Road	29 days?			
106	Storm drain to Gully@ MH837	4 days			
107	Storm drain MH831 to MH832	4 days			
108	FS pipes at Junction of Intake Road and Middle Road	3 days			
109	New Oily Drain installation and diversion of FS & foam pipe	3 days			
110	Road Base@ Intake Road	3 days			
111	Paving@ Intake Road	3 days			
112	Reinstatement of irrigation pipes	3 days			
113	Ramp of Urea Shelter at North	3 days			
114	Conduits for streetlight and fs signal@ Middle Road & junction of Demin. Plant Road	14 days			
115	Road Kerb	11 days			
116	Road Base	6 days			
117	Road Paving	7 days			
118	Installation of pole for traffic sign@EVA	1 day?			
119	Erect hoarding and gate	5 days			
120	Other & External works	13 days			
121	Modification of drainage works and reinstatement@ Demin. Plant	13 days			

16-8002 OS Work Prog (4 Nov 19)

Critical Split Task

 Split

 Milestone ◆
Summary 



Taihei Dengyo Kaisha, Ltd.

Summary of EMIS

Power Station – (Part B of EIA Report)

Construction Phase Mitigation Measures and their Implementation

EM&A Log Ref.	Mitigation Measures	Implementation Status
	AIR QUALITY	
A1	<p>For general construction works, the dust control measures stipulated under the Air Pollution Control (Construction Dust) Regulation shall be complied with, such as:</p> <ul style="list-style-type: none"> • the haul roads shall be sprayed with water to keep the entire road surface wet. • the load carried by vehicle shall be covered by impervious sheeting to ensure no leakage of dusty materials from the vehicle. • the heights from which fill materials are dropped shall be controlled to a practical level to minimize the fugitive dust arising from unloading. 	N/A
		N/A
		N/A
A2	<p>For the concrete batching plant, the following control measures are recommended:</p> <ul style="list-style-type: none"> • loading, unloading, handling, transfer or storage or any dusty materials shall be carried out in a totally enclosed system. • The materials which may generate airborne dust emissions shall be wetted by water spray system. • All receiving hoppers shall be enclosed on three sides up to 3m above unloading point. • All conveyor transfer points shall be totally enclosed. 	N/A
		N/A
		N/A
		N/A
	WATER QUALITY	
B1	Silt curtains shall be installed on the eastern, southern and north western sides of the reclamation site during dredging for the reclamation construction. This is a required mitigation measure for the construction works and shall be implemented prior to the commencement of bulk dredging. **	N/A
B3	As a necessary operational constraint combined bulk dredging and sand filling for site formation shall not be permitted at any time. In addition, sand filling for site platform shall take place behind constructed sea walls which pierce the water surface. **	N/A
B4	HEC shall ensure design to divert all storm drains away from Hung Shing Ye Bay. **	N/A
B5	Sand fill for the rubble mound seawalls shall be placed by controlled pumping down the trailer arm. **	N/A
B6	EM&A shall confirm the acceptability of any impacts during construction and should any unacceptable impacts be found then one or more of the following mitigation measures shall be implemented: **	N/A
	<ul style="list-style-type: none"> • reducing the number of dredgers working at any one time; • reducing the rate of working of the dredgers; • temporary suspension of operations; • phasing of the works so that dredging / filling is only undertaken at certain stages of the tidal cycle. 	



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EM&A Log Ref.	Mitigation Measures	Implementation Status
B7	<p>In addition to the above specific measures the following general working procedures shall be adopted. **</p> <ul style="list-style-type: none"> • fully-enclosed or watertight grabs shall be used to minimise loss of sediment during the raising of loaded grabs through the water column; • the descent speed of grabs shall be controlled to minimise the seabed impact speed and to reduce the volume of over dredging; • barges shall be loaded carefully to avoid splashing of material; • all barges used for the transport of dredged materials shall be fitted with tight bottom seals in order to prevent leakage of material during loading and transport; • all barges shall be filled to a level which ensures that material does not spill over during loading and transport to the disposal site and that adequate freeboard is maintained to ensure that the decks are not washed by wave action; • the speed of trailer dredgers shall be controlled to prevent propeller wash from stirring up the sea bed sediments; • "rainbowing" sand fill from trailer dredgers shall not be permitted; and • the works shall cause no visible foam, oil, grease or litter or other objectionable matter to be present in the water within and adjacent to the dredging site and along the route to the disposal site. 	
		N/A
		N/A
		N/A
		N/A
		N/A
		N/A
		N/A
B8	<p>Cumulative impacts shall be assessed through EM&A. Co-ordination with the EM&A consultants for other projects to determine if any exceedances are caused by the other projects or by HEC's activities. Should monitoring results indicate exceedances at sensitive receivers due to HEC's activities, then the above described mitigation measures shall be implemented until impacts reduce to acceptable levels. **</p>	N/A
NOISE		
C1	General noise mitigation measures shall be employed at all work sites throughout the construction phase.	C
C2	Mitigate against general construction noise during Sunday's and public holidays, either at source with portable noise barriers, or by rescheduling of some PME's to less sensitive time periods.	C
C3	Mitigate against night time noise from dredging equipment, with silencers or mufflers. **	N/A
LANDSCAPE & VISUAL IMPACTS		
D1	<p>The following mitigation measures shall be allowed for landscape and visual improvement:</p> <ul style="list-style-type: none"> • Use rubble mound seawall along south and west edges of the reclamation to provide a more natural look. • Break the mass of main buildings by varying the height/division into smaller units. • Plant trees and vegetation for screening. 	C
		C
		C



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EM&A Log Ref.	Mitigation Measures	Implementation Status
	<ul style="list-style-type: none"> Adopt colour scheme to blend the buildings into the scenery. 	C
	WASTE MANAGEMENT	
E1	HEC to submit a Waste Management Plan for the construction phase to EPD. The Plan shall be verified by the IEC and shall describe the arrangements for avoidance, reuse, recovery and recycling, storage, collection, treatment and disposal of different categories of waste to be generated from the construction activities and shall take into account the recommendations of the EIA report.	C
	<i>Dredging Waste</i>	
E2	All vessels for marine transportation of dredged sediment shall be fitted with tight fitting seals to their bottom openings to prevent leakage of materials. In addition, loading of barges and hoppers shall be controlled to prevent splashing of dredged material into the surrounding water, and barges or hoppers should under no circumstances be filled to a level which shall cause the overflowing of materials or polluted water during loading or transportation**	N/A
	<i>Storage, Collection and Transport of Waste</i>	
E3	<ul style="list-style-type: none"> Minimise windblown litter and dust during transportation by either covering trucks or transporting wastes in enclosed containers. 	C
	<ul style="list-style-type: none"> Obtain the necessary waste disposal permits from the appropriate authorities, if they are required, in accordance with the Waste Disposal Ordinance (Cap.354), Waste Disposal (Chemical Waste) (General) Regulation (Cap.354), the Crown Land Ordinance (Cap 28), Dumping at Sea Ordinance (Cap 466) and Work Branch Technical Circular No. 22/92, Marine Disposal of Dredged Mud. 	C
	<ul style="list-style-type: none"> Disposal of waste at Licensed sites; 	C
	<ul style="list-style-type: none"> Develop procedures such as a ticketing system to facilitate tracking of marine mud and chemical waste, and to ensure that illegal disposal does not occur; 	C
	<ul style="list-style-type: none"> Segregate and sort the waste materials into 3 categories: <ul style="list-style-type: none"> public fill (e.g. concrete and rubble) for re-use on-site or disposal at a public filling area; re-use and/or recycling waste (e.g. steel and other metals); waste which cannot be re-used and/or recycled (e.g. wood, glass and plastic) for landfill disposal. The sorting process shall be carefully monitored to avoid missing of the 3 categories. Different types of wastes shall be stockpiled and stored in different containers or skips to enhance re-use or recycling of materials and their proper disposal. 	C
	<ul style="list-style-type: none"> Maintain records of the quantities of wastes generated and disposed off-site for each category of waste. 	C
E4	Chemical waste that is produced, as defined by Schedule 1 of the Waste Disposal (Chemical Waste) (General) Regulation, shall be handled in accordance with the Code of Practice on the Packaging, Handling and Storage of Chemical Wastes	C
	LAND CONTAMINATION	
F1	No land Contamination mitigation measures are required during the construction phase.	N/A

**Taihei Dengyo Kaisha, Ltd.**

EM&A Log Ref.	Mitigation Measures	Implementation Status
	MARINE ECOLOGY	
G1	All percussive piling works shall be conducted on reclaimed land to avoid noise impact to marine mammals**	N/A
G2	All construction related vessels shall approach the extension site from the north and via the East Lamma Channel to avoid disturbance to the finless porpoise**	N/A
G3	Rubble mound seawall to the south and west edges of the reclamation to enhance recolonisation of marine organisms**	N/A
G4	Artificial Reefs of a volume not less than 400 m ³ shall be deployed in a location to be decided upon consultation with the Director of Agriculture and Fisheries to serve the purpose of an Additional Habitat Enhancement Measure.**	N/A
	FISHERIES	
H1	No Fisheries-specific mitigation measures are required during the construction phase.	N/A
	RISK ASSESSMENT	
I1	No risk mitigation measures are required during the construction phase.	N/A

Remarks:

- ** - No dredging and reclamation work would be involved for L10 construction
- C - Compliance with mitigation measure
- NC - Non-compliance with mitigation measure
- N/A - Not Applicable

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

Appendix J

No.	Description	2020	2020	2020
		Feb	Mar	Apr
	Erection Key Date	T /		
A	HRSG PORTION			
A-01	Install Casing (Bottom/Side/Top) with Structure			
A-02	Upper/Lower Connection Pipe			
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			
A-09	Inside Baffle Plate & Seismic Tie Adjust / Setting			
A-10	SCR System			

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Complete Erection, Inspection, Testing &
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No.	Description	2020	2020	2020
		Feb	Mar	Apr
	Erection Key Date	T /		
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			
A-17	Painting			
A-18	Install Catalyst			
A-19	Steam Blowing out(other scope) & alkaline boiling out			

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Complete Erection, Inspection, Testing &
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No.	Description	2020	2020	2020
		Feb	Mar	Apr
	Erection Key Date	T /		
	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			
B-2	Condenser			
B-3	Install ST			

SCHEDULE C. Contract No. 16/2209
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No.	Description	2020	2020	2020
		Feb	Mar	Apr
	Erection Key Date	T /		
B-4	Install GEN			
B-5	Install GT			

SCHEDULE C. Contract No. 16/2209
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Complete Erection, Inspection, Testing &
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No.	Description	2020	2020	2020
		Feb	Mar	Apr
	Erection Key Date	T /		
B-6	Aux Equipment			
B-7	Insulation			
B-8	Painting			
B-9	Switchgear/Hoist/Hoist for condenser			

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

No.	Description	2020	2020	2020
		Feb	Mar	Apr
	Erection Key Date	T /		
C	ERECTION & INSTRUMENTATION PORTION			
C-1	Transformer & Ancillaries (G Tx, U Tx, Ex Tx, SFC Tx)			
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

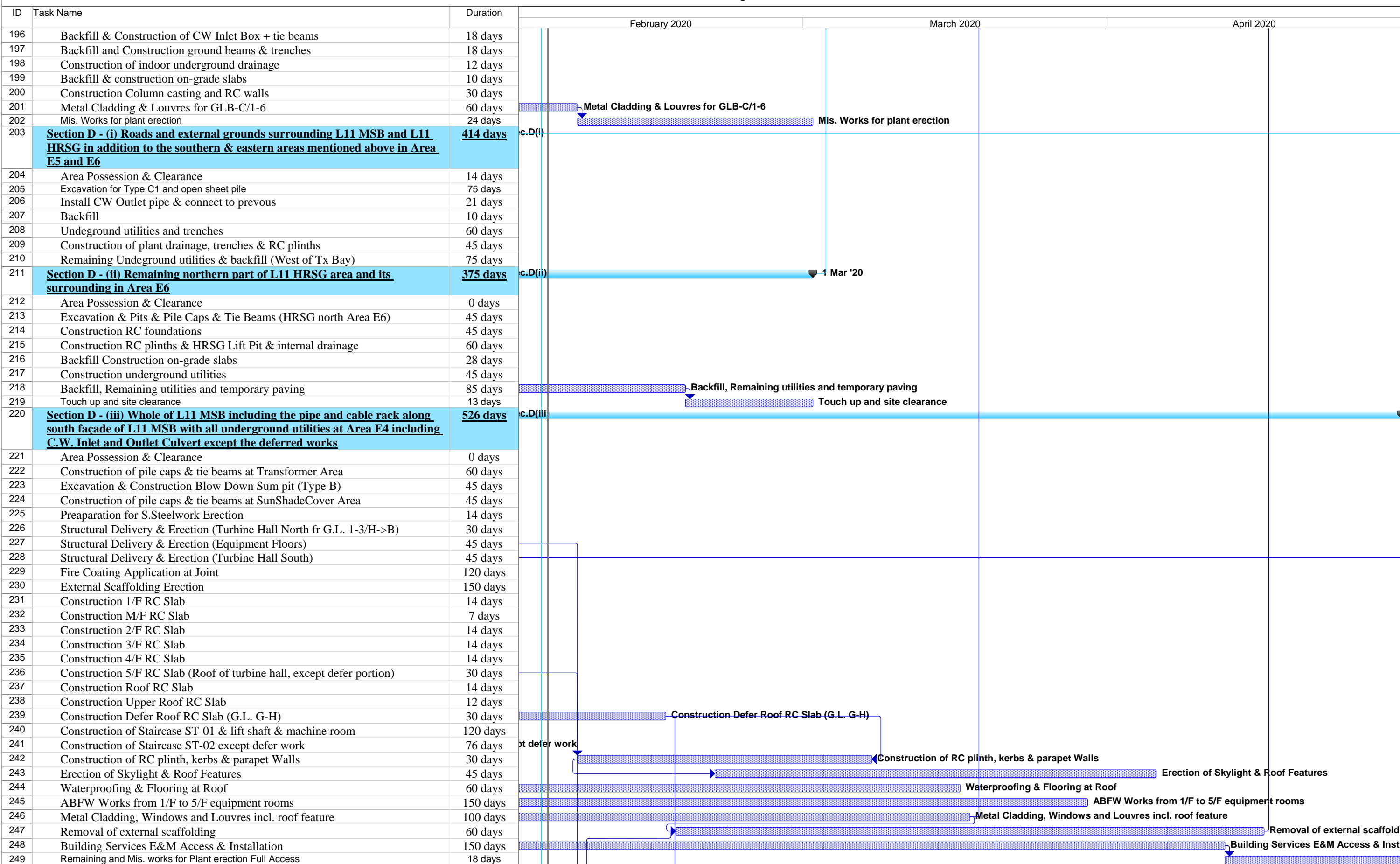
No.	Description	2020	2020	2020
		Feb	Mar	Apr
	Erection Key Date	T /		
C-4	INSTRUMENTS, INSTR. PIPINGS & AIR TUBE			
	Local Instruments, Piping & Tubing			
	Instrument Calibration			
C-5	OTHER WORK			
	275kV Shunt Reactor Relocation			
	Turbine Overhead Crane, Hoist, Battery Power Supply			
	Existing CWP etc.			
	BOP & Other Works			
	Site Cleaning			
C-6	TESTING & COMMISSIONING			
	Testing & Commissioning			
	Commissioning Assistant			

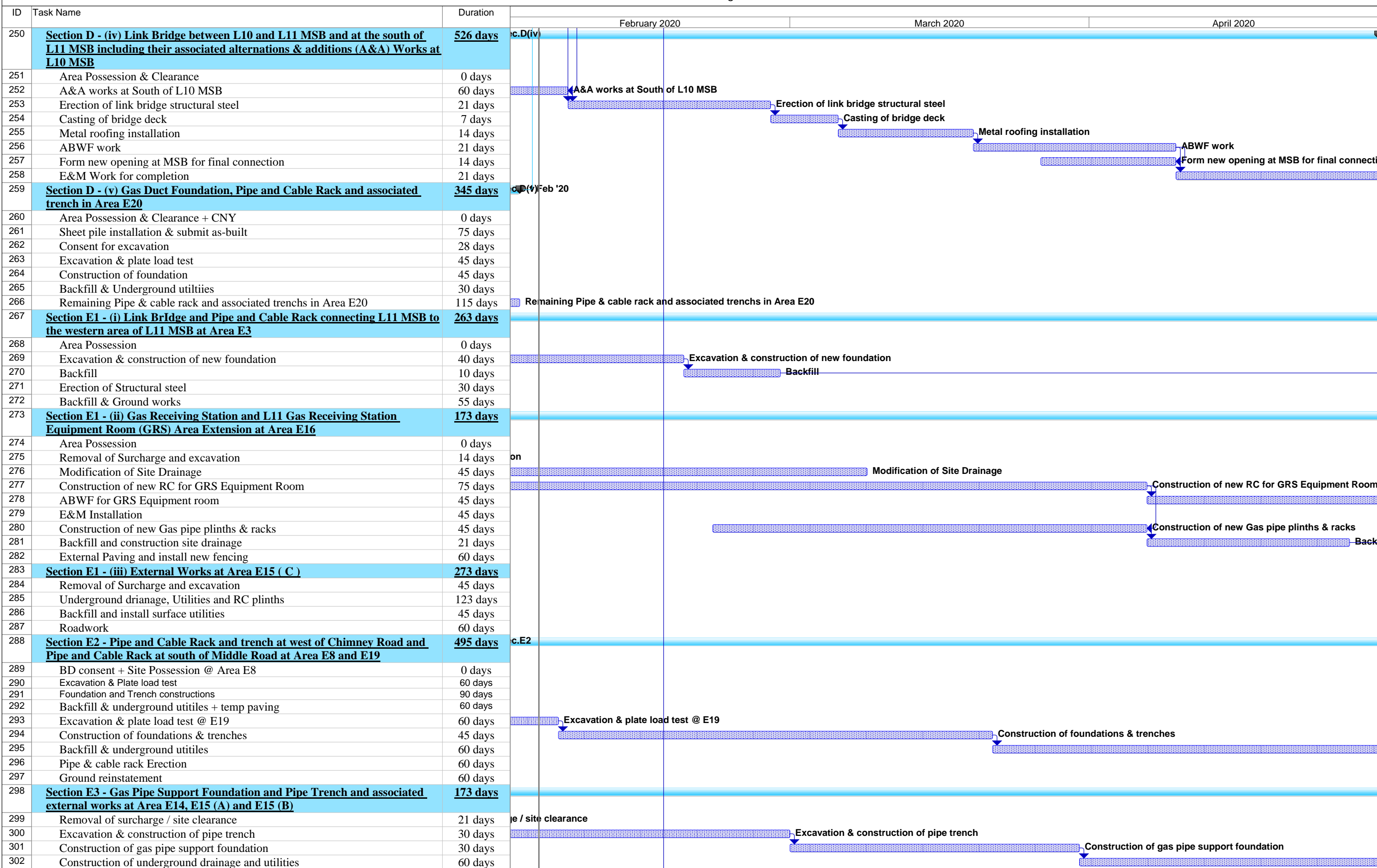
ID	Task Name	Duration	Timeline		
			February 2020	March 2020	April 2020
1	Civil and Building Works for Unit 11 and Associated Works	1197 days			
2	Contract Key Dates	1197 days			
3	Contract Commencement Date	0 days			
4	Completion Dates	1044 days			
5	Section A1 - Ground treatment installation works at Zone 1A	0 days			
6	Section A2 - Ground treatment installation works at Zone 1B	0 days			
7	Section A3 - Ground treatment installation works at Zone 2	0 days			
8	Section A4 - Ground treatment installation works at Zone 3	0 days			
9	Section A5 (i) - Ground treatment installation works at Zone 4 - Band drain installation	0 days			
10	Section A5 (ii) - Ground treatment installation works at Zone 4 - Surcharge filling	0 days			
11	Section A6 (i) - A&A Works for No. 4 C.W. Outfall at Area E18	0 days	◆ Section A6 (i) - A&A Works for No. 4 C.W. Outfall at Area E18		
12	Section A6 (ii) - External works at Area E15	0 days	◆ Section A6 (ii) - External works at Area E15		
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	◆ Section B1 (i) - Area south of L11 MSB and HRSG from GL11-F eastwards leading to Chimney Road at Area E1 & E2		
14	Section B1 (ii) - Supporting structures for overhead cranes of L11 MSB including the associated roof structure except the roof deferred works	0 days	◆ Section B1 (ii) - Supporting structures for overhead cranes of L11 MSB including the associated		
15	Section B1 (iii) - FSRU Civil works at Area E13	0 days			
16	Section B2 - Retractable Cover D at Area E22	0 days	◆ Section B2 - Retractable Cover D at Area E22		
17	Section B3 - External works at Area B1, D2 and D4	0 days			
18	Section C1 - Area south of L11 MSB from GL11-F westwards leading to Station Road at Area E3(A) & E3(B)	0 days	◆ Section C1 - Area south of L11 MSB from GL11-F westwards leading to Station Road at Area E3(A) & E3(B)		
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	◆ Section C2 - (i) Southern part of L11 HRSG area and its surrounding at Area E7 except the deferred works for Lube Oil Storage Tank		
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			
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	◆ Section C2 - (iii) G/F of L11 MSB including the Condenser Pit, Circulating Water Pipe Pit and equipment foundations between G		
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	◆ 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		
23	Section D - (ii) Remaining northern part of L11 HRSG area and its surrounding in Area E6	0 days	◆ Section D - (ii) Remaining northern part of L11 HRSG area and its surrounding in Area E6		
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			
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			
26	Section D - (v) Gas Duct Foundation, Pipe and Cable Rack and associated trench in Area E20	0 days	◆ Section D - (v) Gas Duct Foundation, Pipe and Cable Rack and associated trench in Area E20		
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			
28	Section E1 - (ii) Gas Receiving Station and L11 Gas Receiving Station Equipment Room (GRS) Area Extension at Area E16	0 days			
29	Section E1 - (iii) External Works at Area E15 (C)	0 days			
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			
31	Section E3 - Gas Pipe Support Foundation and Pipe Trench and associated external works at Area E14, E15 (A) and E15 (B)	0 days			
32	Section E4 - 275kV cable trenching works connecting the 275kV Switching Station Extension and L11 MSB at Area E9 (A)	0 days			
33	Section F - 275kV Station Building Extension and associated works at Area E17	0 days			
34	Section G - A&A Works at No. 4 C.W. Intake at Area E12	0 days			
35	Section H - L11 Steel flue liner at No. 4 Chimney	0 days			

ID	Task Name	Duration	February 2020			March 2020			April 2020		
36	Section I - (i) 275kV cable trenching works connecting the 275kV Switching Station Extension and L11 MSB at Area E9 (B)	0 days									
37	Section I - (ii) Interconnector 2 Trench Modification Works at Area E10	0 days									
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									
39	Section K1 - External works at Area 15 (E) and 15(F)	0 days									
40	Section K2 - Removal of Southern Bund and External Works at Area D5, D6 and D7	0 days									
41	Section K3 - All remaining works shall be completed for reporting completion to BD and ready for OP inspection	0 days									
42	General & Preliminary	318 days									
43	Set up Temporary Site Office and Utilities	90 days									
44	Permit Applications & Statuary Submissions	120 days									
45	Existing Utilities scanning & Excavation Permit	45 days									
46	Tower Crane erection 2@MSB, 1@ 275	50 days									
47	Submission and Approval	554 days									
48	Method Statement / Temp Work Submission & Approval from HEC for General Works	240 days									
49	BD Approval & Consent (If required)	120 days									
50	BIM Model, CSD & CBWD Submission & Approval from HEC	200 days									
51	Structure Steelwork Connection Design Submission & BD Approval	60 days									
52	Structure Steelwork Shop Drawing & Approval	60 days									
53	Metal Cladding, louvre & windows submission & BD Approval	60 days									
54	Metal Cladding, louvre & windows shop drawing submission	60 days									
55	Order, Off Site Fabrication and Delivery (S. Steel & Cladding & louvres)	180 days									
56	Retractable Cover D BD Submission & Approval	90 days									
57	No. 4 C.W. Outfall A&A BD 1st Submission	90 days									
58	Submission & Approval of Steel Flue Assessment Report and Design Drawings	60 days									
59	Submission and Approval of Steel Flue Design from BD	60 days									
60	Material Fabrication & Delivery for L11 Flue	100 days									
61	Folding Shutters Shop Drawing Submission & Approval	120 days									
62	Fabrication & Delivery of Folding Shutters	150 days									
63	Sewage Pump System Design submission & approval	90 days									
64	Fabrication & Delivery of Sewage Pump	180 days									
65	Other material submission & approval & delivery	300 days									
66	Coordination with the Employer's Specialist Contractors	478 days									
67	Installation of Puddle Pipes at C.W. outlet Culvert	7 days									
68	Installation of Puddle Pipes at C.W. Inlet Culvert	7 days									
69	Template setting at L11 Turbo Block Foundation	60 days									
70	Template setting of holding down bolts at HRSG column base	46 days									
71	I-beam / channel base installation on top of transformer foundations at Transformer Area	30 days									
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									
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									
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									
75	Installation of embedded materials such as holding down bolts for equipment foundations - Commencement	30 days									
76	Section A1 & A2 - Ground treatment at Zone 1A & 1B	92 days									
77	Plant establishment for earthworks	7 days									
78	Backfilling and compaction from existing ground +4.5mPD to +5.5mPD	45 days									
79	Delivery of band drain	5 days									
80	Plant establishment for band drain (1st rig)	10 days									
81	Plant establishment for band drain (2nd rig)	7 days									
82	Plant establishment for band drain (3rd rig)	7 days									

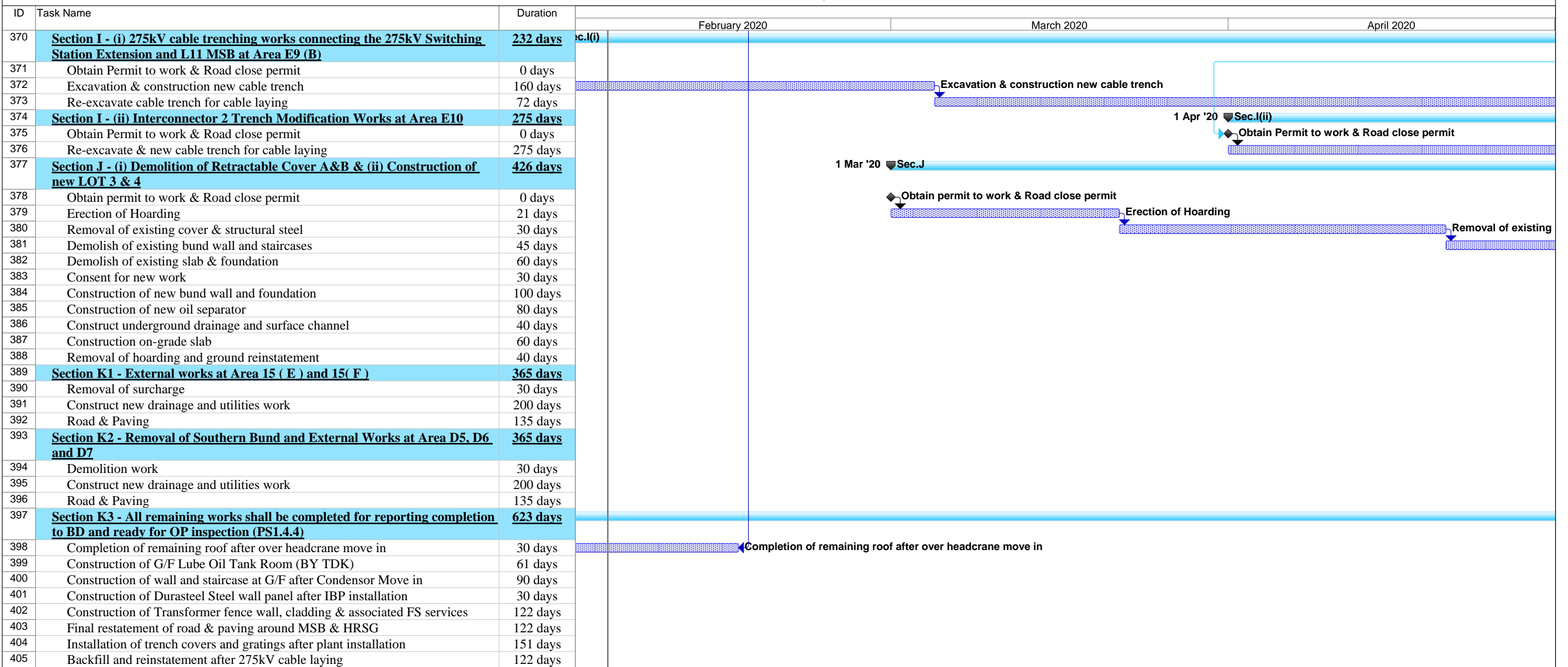
ID	Task Name	Duration	February 2020			March 2020			April 2020		
			1	2	3	1	2	3	1	2	3
83	Vert. Band drain installation (1023 nos. x 44m)	45 days									
84	Deposition of surcharge up to +8.3mPD	45 days									
85	Section A3 - Ground treatment installation works at Zone 2	158 days									
86	Backfilling and compaction from existing ground +4.5mPD to +5.5mPD	30 days									
87	Delivery of band drain	6 days									
88	Vert. Band drain installation (1787 nos. x 44m)	50 days									
89	Deposition of surcharge up to +8.3mPD	60 days									
90	Additional Concrete Blocks + Extra Surcharge	60 days									
91	Section A4 - Ground treatment installation works at Zone 3	131 days									
92	Backfilling and compaction from existing ground +4.5mPD to +5.5mPD	12 days									
93	Vert. Band drain installation	60 days									
94	Deposition of surcharge up to +8.3mPD	45 days									
95	Possession of Part 1 Defer portion at Zone 3	0 days									
96	Vert. Band drain installation	10 days									
97	Possession of Part 2 Defer portion at Zone 3	0 days									
98	Vert. Band drain installation	7 days									
99	Surcharge at deferred portion	14 days									
100	Section A5 (i) - Ground treatment installation works at Zone 4	83 days									
101	Site Preparation for Vertical Band Drain	3 days									
102	Band drain installation	21 days									
103	Possession of Defer portion at Zone 4	0 days									
104	Vert. Band drain installation	28 days									
105	Section A5 (ii) - Surcharge works at Zone 4	30 days									
106	Deposition of surcharge up to +8.3mPD	30 days									
107	Section A6 (i) - A&A Works for No. 4 C.W. Outfall at Area E18	493 days									
108	BD Amendment, resubmission & approval for Jacking Pit	170 days									
109	Consent for Jacking Pit ELS	28 days									
110	Mobilization	0 days									
111	Jacking Pit Sheetpile Installation (incl. Stop work notice + CNY)	60 days									
112	Protective screen and preventive measure for U9 gas pipeline (VO)	28 days									
113	Provision of temp support for U10 gas pipeline (VO) upon RMA allow access	28 days									
114	ELS of jacking pit	30 days									
115	Pipe Jacking set up & ground strengthening	18 days									
116	Pipe Jacking	90 days									
117	Receiving Pit BD Approval	170 days									
118	Consent for Pipe & Sheet pile	28 days									
119	Receiving Pit Pipe & Sheet pile installation	30 days									
120	Consent for Receiving Pit ELS	28 days									
121	ELS of Receiving pit	40 days									
122	Allow modify existing outfall manhole for pipe jacking receiving	18 days									
123	Culvert Pipe Intallation & water test	55 days									
124	Inspection Manhole at Jacking Pit + backfill (Area E3(A))	18 days									
125	Manhole extension at Outfall no. 4 + backfill + Reinstate of Outfall Rd	45 days									
126	Sheetpile for L12 Outlet culvert (Connection to Jacking Pit)	45 days									
127	Consent + ELS for remaining jacking pit	75 days									
128	Outlet Culvert pipe installation + Thrust Box (remaining portion at A1 Area)	45 days									
129	Sheet pile for future extension along GRS	60 days									
130	Section A6 (ii) - External works at Area E15(D)	37 days									
131	Area possession & Clearance	6 days									
132	Road & Surface Works	31 days									
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									
134	Area Possession & Clearance	0 days									
135	Excavation for CW Inlet Culvert (South of L11 HRSG)	21 days									
136	Installation CW Inlet Culvert pipe	30 days									
137	Construction of Thrust Box & Manholes,etc	14 days									
138	Backfill	21 days									
139	Install underground utilities	45 days									
140	Backfill and Temporary paving for Condensor Move in (E1)	14 days									
141	Backfill and Temporary paving for Condensor Move in (others)	30 days									
142	Section B1 (ii) - Supporting structures for overhead cranes of L11 MSB including the associated roof structure except the roof deferred works	482 days									
143	Area possession & Clearance	0 days									

ID	Task Name	Duration	February 2020			March 2020			April 2020		
144	Erection of turbine hall roof except defer work	0 days									
145	Installation of crane griders	21 days									
146	Turbine hall wall claddings	60 days									
147	Section B1 (iii) - FSRU Civil works at Area E13 (GRS)	151 days									
148	Submission and approval for consent to work	0 days									
149	Civil & Building Works	130 days									
150	Ground reinstatement	21 days									
151	Section B2 - Retractable Cover D at Area E22	435 days									
152	Area Possession, Demolition and clearance work	60 days									
153	Revise Structural Form and BD resubmission & approval	150 days									
154	Foundation construction	60 days									
155	Backfill & Ground reinstatement	30 days									
156	Superstructure fabrication & delivery	90 days									
157	Superstructure erection	90 days									
158	E&M Installation and T&C	45 days									
159	Section B3 - External works at Area B1, D2 and D4	416 days									
160	Receive Area from HKE, Area Possession & Clearance	0 days									
161	Removal of existing paving for band drain under Section A5(i)	30 days									
162	Complete Vert. Band drain under Section A5(i)	0 days									
163	Ground preparation for B1, D2 & D4 for handover to Plant contractor	90 days									
164	Section C1 - Area south of L11 MSB from GL11-F westwards leading to Station Road at Area E3(A) & E3(B)	466 days									
165	Area Possession & Clearance	0 days									
166	Excavation for Type C (Area E3A)	21 days									
167	Installation CW Outlet Culvert Pipe connect to Type C1	21 days									
168	Installation CW Inlet Culvert pipe (South of L11 Condensor)	21 days									
169	Construction of Thrust Box	10 days									
170	Construction of Access Manhole	21 days									
171	Backfill	14 days									
172	Construction of Underground drainage and utilities	60 days									
173	Construct Temp Paving for Condenser move in	45 days									
174	Section C2 - (i) Southern part of L11 HRSG area and its surrounding at Area E7 (No Defer Foundations)	295 days									
175	Area Possession & Clearance	0 days									
176	Excavation & Pile Caps & Tie Beams (HRSG South Area E7)	45 days									
177	Construction RC foundations	45 days									
178	Construction RC plinths	30 days									
179	Construction underground utilities	45 days									
180	Backfill & Construction on-grade slabs	35 days									
181	Backfill and Temporary paving	21 days									
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									
183	Area Possession & Clearance	0 days									
184	Excavation & Pile Caps & Tie Beams (MSBL11 - Turbo Block North)	70 days									
185	Excavation & Pile Caps & Tie Beams (MSBL11 - Turbo Block South)	30 days									
186	Backfill and construction turbine block foundations	21 days									
187	Construction of internal drainage	60 days									
188	Construction RC walls incl. G/F rooms	90 days									
189	Construction turbine block columns and upper portion for plant embed installation	21 days									
190	Concrete Turbine upper part foundation & clear falsework	52 days									
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									
192	Area Possession & Clearance	0 days									
193	Excavation to foundation level at ELS Type A	18 days									
194	Construction of CW Outlet Box + lowest tie beam & caps	40 days									
195	Construction of pile caps & tie beams & hot well sump pit up to +2.5mPD	30 days									





ID	Task Name	Duration	February 2020			March 2020			April 2020		
303	Backfill & road work	32 days									
304	Section E4 - 275kV cable trenching works connecting the 275kV Switching Station Extension and L11 MSB at Area E9 (A)	185 days									
305	Site possession	0 days									
306	Obtain Permit to work & Road close permit	10 days									
307	Excavation & construction new cable trench to 275kV	45 days									
308	Excavation & construction new cable trench to L11MSB	130 days									
309	Section F - 275kV Station Building Extension and associated works at Area E17	709 days									
310	Installation of ELS for 275kV Switching Station near Staircase ST-3 and ST-6	14 days									
311	Construction of Staircase ST-3	110 days									
312	BD Amendment Approval on A&A	0 days									
313	BD Amendment Approval on A&A ST3 & Drainage	0 days									
314	OP inspection of Staircase ST-3	14 days									
315	Consent of New Foundation Works (Stage 1)	0 days									
316	Consent & BA10 for Demolition of Existing Staircase	0 days									
317	Demolition of Existing Staircase and Submit BA14A	14 days									
318	BD inspection for BA14A & Issue OP	28 days									
319	Consent & BA10 for New Foundation Work (Stage 2)	28 days									
320	Hoarding Modification	7 days									
321	Pile Cap & Tie Beam Construction (Stage 1)	98 days									
322	Erection of Tower Crane	40 days									
323	Pile Cap and Tie Beam (Stage 2)	21 days									
324	RC Construction up to 1/F (Stage 1)	30 days									
325	RC Construction up to 1/F (Stage 2)	75 days									
326	Construction of Staircase ST6	90 days									
327	Shop Drawing Submission & Approval of Structural Steel	45 days									
328	Structural Steel fabrication & Delivery	60 days									
329	Erection of Structural Steel GL 17~18	30 days									
330	Erection of Structural Steel GL 8~17	60 days									
331	Metal Cladding Delivery	60 days									
332	Metal Door, Window & Louve Delivery	45 days									
333	Erection of Working Platform and Scaffold	150 days									
334	Install Decking	60 days									
335	RC Walls from 1/F @ GIS Hall	40 days									
336	Construction of 2/F RC slab	14 days									
337	Construction of R/F RC slab	21 days									
338	Construction of UR/F RC slab	14 days									
339	Construction of GIS Hall Floor	60 days									
340	Installation of Overhead Crane (By JEC)	60 days									
341	Construction of staircase ST4, ST5, Lift Shaft & Equip Floors	150 days									
342	Lift Installation	90 days									
343	Concrete of RC walls, plinths, kerb & parapet walls & New trench for LV Power	30 days									
344	ABWF Works @ G/F	50 days									
345	ABWF Works @ 1/F	50 days									
346	ABWF Works @ 2/F	75 days									
347	ABWF Works @ R/F	30 days									
348	ABWF Works @ UR/F	21 days									
349	Waterproofing Works at R/F & UR/F	45 days									
350	Building Services E&M Access & Installation & T&C	150 days									
351	Metal Cladding, Windows and Louvres incl. Roof Feature	90 days									
352	Shutter Erection	30 days									
353	Removal of External Scaffolding + Tower Crane	35 days									
354	External Underground Drainage and Utilities	30 days									
355	Road & Paving Reinstatement	30 days									
356	Ready for FSD & OP Inspection	0 days									
357	Section G - A&A Works at No. 4 C.W. Intake at Area E12	143 days									
358	Permit to work	0 days									
359	Erection of temp. platform	14 days									
360	Demolition work	30 days									
361	Modify existing slab openings	75 days									
362	Curing + Removal of platform	24 days									
363	Section H - L11 Steel flue liner at No. 4 Chimney	186 days									
364	Complete erection of L10 Steel flue	0 days									
365	Modification of erection equipment	21 days									
366	Erection temp. platform and demolition work	30 days									
367	Structural steel delivery & Erection	85 days									
368	Removal of temp. work	5 days									
369	Reinstate G/F louvre wall and access door	45 days									

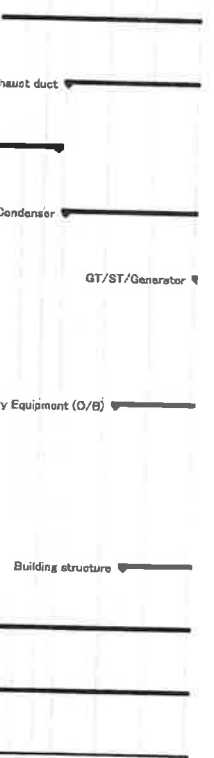


Schedule of U11 Construction

Item No.	Item Name	Start Date	End Date
1	Key Date		
2	H/O HRSG Foundation	03/02	03/02
3	H/O OHC Installation	03/02	03/02
4	H/O Condenser foundation	03/02	03/02
5	H/O Aux. equipment foundation of HRSG noi	03/02	03/02
6	H/O HRSG Exhaust duct	03/02	03/02
7	H/O GT Exhaust duct foundation	03/02	03/02
8	H/O MSB building	03/02	03/02
9	H/O Foundation around CCW-Cooler	03/02	03/02
10	Hydrostatic test		
11	Receiving Lube oil		
12	Synchronization		
13			
14	HRSG		
75			
76	HRSG Exhaust duct		
91			
92	Over Head Crane		
102			
103	Condenser		
128			
129	GT/ST/Generator		
161			
162	GT Air inlet		
175			
176	Auxiliary Equipment (O/B)		
247			
248	Sea water intake area		
280			
261	Tranceformer area		
269	Building structure		
276			
277	Piping		
285			
286	Crane		
304			
305	Equipment for heavy lifting		

西半期 2020年 第2
 1 2020年02月 2020年03月 2020年04月
 以上 毎土曜日まで 毎土曜日まで 毎土曜日まで

foundation 03/02
 north side 03/02
 exhaust duct 03/02
 H/O GT Exhaust duct foundation
 H/O MSB building
 H/O Foundation



SUNLEY ENGINEERING & CONSTRUCTION CO., LTD.

Contract No. 18/8004 - Lamma Power Station Extension Foundation Works for Unit L12

Master Programme

ID	Task Name	Duration	Start	Finish	2019年												2020年		
																	M13 二月	M14 三月	M15 四月
1	Key Date	416 days	3月12日星期二	4月30日星期四															
2	Commencement date	0 days	3月12日星期二	3月12日星期二															
3	Duration of works	416 days	3月12日星期二	4月30日星期四															
4	Site possession date	0 days	3月12日星期二	3月12日星期二															
5	Completion of the Contract	0 days	4月30日星期四	4月30日星期四															
6																			
7	Total Contract Period	455 days	2月1日星期五	4月30日星期四															
8																			
9	Preliminaries	21 days	3月12日星期二	4月1日星期一															
10	Coordination with utility companies	14 days	3月12日星期二	3月25日星期一															
11	Pre-construction condition survey	14 days	3月12日星期二	3月25日星期一															
12	Notification of commencement of works to Labour Department	7 days	3月12日星期二	3月18日星期一															
13	Notification of air pollution control for commencement of works to EPD	7 days	3月12日星期二	3月18日星期一															
14	Application of water discharge licence from EPD	7 days	3月12日星期二	3月18日星期一															
15	Application for billing account for disposal of construction waste from EPD	7 days	3月12日星期二	3月18日星期一															
16	CCTV for existing underground drainage pipe around site boundary	21 days	3月12日星期二	4月1日星期一															
17	Utility detection for existing underground cables	21 days	3月12日星期二	4月1日星期一															
18	Site clearance	21 days	3月12日星期二	4月1日星期一															
19	Set up contractor's site office	21 days	3月12日星期二	4月1日星期一															
20	Installation of monitoring checkpoints	20 days	3月12日星期二	3月31日星期日															
21	Submission of BA10 for ELS & foundation works	7 days	3月12日星期二	3月18日星期一															
22																			
23	Predrilling Works for Section of A1 to A3 (Area P1 to P3)	96 days	2月1日星期五	5月7日星期二															
24	Drilling rigs mobilization	10 days	2月1日星期五	2月10日星期日															
25	Predrilling works (46 holes) (8 rigs)	81 days	2月11日星期一	5月2日星期四															
26	Submission of predrill logs	71 days	2月26日星期二	5月7日星期二															
27	Completion of predrilling works	0 days	5月7日星期二	5月7日星期二															
28																			
29	Plant Mobilization for Bored Pile Construction	150 days	3月19日星期二	8月15日星期四															
30	Crawler Crane	136 days	3月19日星期二	8月1日星期四															
31	1st & 2nd set	21 days	3月19日星期二	4月8日星期一															
32	3rd set	21 days	4月10日星期三	4月30日星期二															
33	4th & 5th set	21 days	6月14日星期五	7月4日星期四															
34	6th set	21 days	7月12日星期五	8月1日星期四															
35	Oscillator	136 days	3月19日星期二	8月1日星期四															
36	1st & 2nd set	21 days	3月19日星期二	4月8日星期一															
37	3rd set	21 days	4月10日星期三	4月30日星期二															
38	4th & 5th set	21 days	6月14日星期五	7月4日星期四															
39	6th set	21 days	7月12日星期五	8月1日星期四															
40	RCD	129 days	4月9日星期二	8月15日星期四															
41	1st & 2nd set	14 days	4月9日星期二	4月22日星期一															
42	3rd set	14 days	5月1日星期三	5月14日星期二															
43	4th & 5th set	14 days	7月5日星期五	7月18日星期四															
44	6th set	14 days	8月2日星期五	8月15日星期四															
45	Completion of plant mobilization for bored pile construction	0 days	8月15日星期四	8月15日星期四															
46																			
47	Delivery of Temporary Steel Casing for Bored Pile Construction	150 days	3月19日星期二	8月15日星期四															
48	Duration for delivery of temporary steel casing	150 days	3月19日星期二	8月15日星期四															
49	Completion of delivery of temporary steel casing for bored pile construction	0 days	8月15日星期四	8月15日星期四															
50																			
51	Delivery of Permanent Casing & Double Wall Liner	369 days	3月18日星期一	3月20日星期五															
52	Testing for double wall liner	45 days	3月18日星期一	5月1日星期三															
53	Duration for delivery of permanent casing & double wall liner	325 days	5月1日星期三	3月20日星期五															
54																			
55	Section A1	320 days	3月18日星期一	1月31日星期五															

Master Programme

Task  Critical Task  Milestone  Summary 

SUNLEY ENGINEERING & CONSTRUCTION CO., LTD.

Contract No. 18/8004 - Lamma Power Station Extension Foundation Works for Unit L12

Master Programme

ID	Task Name	Duration	Start	Finish	2019年												2020年		
																	M13 二月	M14 三月	M15 四月
56	Bored Pile Construction at P1 (17 piles)	296 days	4月11日 星期四	1月31日 星期五															
57	1st set plant - BP13 > BP5 > BP9 > BP26 > BP1 > BP12 > BP8 > BP4 > G2 > G4 > G6	273 days	4月11日 星期四	1月8日 星期三															
58	3rd set plant - G8	45 days	4月22日 星期一	6月5日 星期三															
59	3rd set plant - BPC3 > BPC4 > BPC5 > BPC6 > BPC7	135 days	8月30日 星期五	1月11日 星期六															
60	Interface & sonic test	28 days	1月4日 星期六	1月31日 星期五															
61	Completion of bored pile construction at P1	0 days	1月31日 星期五	1月31日 星期五															
62																			
63	Sheet Pile at P1	215 days	7月1日 星期一	1月31日 星期五															
64	Delivery of sheet pile material	14 days	7月1日 星期一	7月14日 星期日															
65	Installation of sheet pile (approx. 57 piles) (1 rig)	10 days	7月17日 星期三	7月26日 星期五															
66	Installation of sheet pile (approx. 254 piles) (1 rig)	38 days	12月17日 星期二	1月23日 星期四															
67	Prepare & submit as-built record plan	7 days	1月24日 星期五	1月30日 星期四															
68	Submission of BA14	1 day	1月31日 星期五	1月31日 星期五															
69	Completion of sheet pile at P1	0 days	1月31日 星期五	1月31日 星期五															
70																			
71	Cone Penetration Test	104 days	3月18日 星期一	6月29日 星期六															
72	Plant mobilization	14 days	3月18日 星期一	3月31日 星期日															
73	Carry out CPTU testing (9 nos.) (1 rig)	90 days	4月1日 星期一	6月29日 星期六															
74	Completion of cone penetration test	0 days	6月29日 星期六	6月29日 星期六															
75	Completion of section A1	0 days	1月31日 星期五	1月31日 星期五															
76																			
77	Section A2	197 days	4月8日 星期一	10月21日 星期一															
78	Bored Pile Construction at P2 (11 piles)	197 days	4月8日 星期一	10月21日 星期一															
79	2nd set plant - BP27 > BP24 > BP23 > BP16 > BP20 > BP17	161 days	4月8日 星期一	9月15日 星期日															
80	3rd set plant - G10 > BP21 > BPC8 > BPC1 > BPC2	135 days	5月12日 星期日	9月23日 星期一															
81	Interface & sonic test	28 days	9月24日 星期二	10月21日 星期一															
82	Completion of bored pile construction at P2	0 days	10月21日 星期一	10月21日 星期一															
83	Completion of section A2	0 days	10月21日 星期一	10月21日 星期一															
84																			
85	Section A3	331 days	5月18日 星期六	4月12日 星期日															
86	Bored Pile Construction at P3 (18 piles)	283 days	7月5日 星期五	4月12日 星期日															
87	4th set plant - G1 > G3 > G5 > G7 > G9	225 days	7月5日 星期五	2月14日 星期五															
88	5th set plant - BP15 > BP19 > BP22 > BP25 > BP28	225 days	7月5日 星期五	2月14日 星期五															
89	6th set plant - BP3 > BP6 > BP7 > BP11 > BP2 > BP10 > BP14 > BP18	203 days	8月2日 星期五	2月20日 星期四															
90	Interface & sonic test	28 days	2月21日 星期五	3月19日 星期四															
91	Prepare & submit as-built record plan	7 days	3月13日 星期五	3月19日 星期四															
92	Submission of BA14	1 day	3月19日 星期四	3月19日 星期四															
93	Allow 14 days for selection of pile for concrete full core test	14 days	3月20日 星期五	4月2日 星期四															
94	Concrete full core test	10 days	4月3日 星期五	4月12日 星期日															
95	Completion of bored pile construction at P3	0 days	4月12日 星期日	4月12日 星期日															
96																			
97	Sheet Pile at P3	60 days	5月18日 星期六	7月16日 星期二															
98	Plant mobilization	7 days	5月25日 星期六	5月31日 星期五															
99	Delivery of sheet pile material	14 days	5月18日 星期六	5月31日 星期五															
100	Installation of sheet pile (approx. 626 piles) (2 rigs)	46 days	6月1日 星期六	7月16日 星期二															
101	Completion of sheet pile at P3	0 days	7月16日 星期二	7月16日 星期二															
102	Completion of section A3	0 days	4月12日 星期日	4月12日 星期日															
103																			
104	Section B	305 days	7月1日 星期一	4月30日 星期四															
105	Shunt Reactor	121 days	1月1日 星期三	4月30日 星期四															
106	Site possession date	0 days	1月1日 星期三	1月1日 星期三															
107	Predrilling Works for Bored Pile	34 days	1月1日 星期三	2月3日 星期一															
108	Drilling rigs mobilization	7 days	1月1日 星期三	1月7日 星期二															
109	Predrilling works (4 holes) (2 rigs)	25 days	1月8日 星期三	2月1日 星期六															
110	Submission of predrill logs	15 days	1月20日 星期一	2月3日 星期一															

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ID	Task Name	Duration	Start	Finish	2019年			2020年		
					1月	2月	3月	M13 二月	M14 三月	M15 四月
111	Completion of predrilling works	0 days	2月3日 星期一	2月3日 星期一						
112										
113	Bored Pile Construction (4 piles)	113 days	1月9日 星期四	4月30日 星期四						
114	Plant mobilization	15 days	1月9日 星期四	1月23日 星期四						
115	1st set plant - BPR-B4 > BPR-E2	65 days	1月16日 星期四	3月20日 星期五						
116	3rd set plant - BPR-E6 > BPR-E5	65 days	1月24日 星期五	3月28日 星期六						
117	Interface & sonic test	14 days	3月24日 星期二	4月6日 星期一						
118	Prepare & submit as-built record plan	7 days	3月31日 星期二	4月6日 星期一						
119	Submission of BA14	1 day	4月6日 星期一	4月6日 星期一						
120	Allow 14 days for selection of pile for concrete full core test	14 days	4月7日 星期二	4月20日 星期一						
121	Concrete full core test	10 days	4月21日 星期二	4月30日 星期四						
122	Completion of bored pile construction	0 days	4月30日 星期四	4月30日 星期四						
123	Completion of shunt reactor	0 days	4月30日 星期四	4月30日 星期四						
124										
125	Cable Bridge	267 days	7月1日 星期一	3月23日 星期一						
126	Site possession date	0 days	7月1日 星期一	7月1日 星期一						
127	Predrilling Works for Bored Pile	55 days	7月1日 星期一	8月24日 星期六						
128	Drilling rigs mobilization	7 days	7月1日 星期一	7月7日 星期日						
129	Predrilling works (8 holes) (2 rig)	46 days	7月8日 星期一	8月22日 星期四						
130	Submission of predrill logs	30 days	7月26日 星期五	8月24日 星期六						
131	Completion of predrilling works	0 days	8月24日 星期六	8月24日 星期六						
132										
133	Bored Pile Construction (6 piles)	178 days	9月16日 星期一	3月11日 星期三						
134	Plant mobilization	14 days	9月16日 星期一	9月29日 星期日						
135	2nd set plant - CP6-1 > CP6-3 > CP6-6 > CP6-8 > CP6-5 > CP6-2 > CP6-7 > CP6-4	150 days	9月30日 星期一	2月26日 星期三						
136	Interface & sonic test	14 days	2月27日 星期四	3月11日 星期三						
137	Completion of bored pile construction	0 days	3月11日 星期三	3月11日 星期三						
138										
139	Temporary Working Platform for Socketted H-Pile Construction	74 days	7月1日 星期一	9月12日 星期四						
140	Material delivery for temporary working platform erection	14 days	7月1日 星期一	7月14日 星期日						
141	Erection of temporary working platform	60 days	7月15日 星期一	9月12日 星期四						
142	Completion of temporary working platform	0 days	9月12日 星期四	9月12日 星期四						
143										
144	Predrilling Works for Socketted H-pile	27 days	9月13日 星期五	10月9日 星期三						
145	Drilling rigs mobilization	7 days	9月13日 星期五	9月19日 星期四						
146	Predrilling works (6 holes) (2 rigs)	18 days	9月20日 星期五	10月7日 星期一						
147	Submission of predrill logs	13 days	9月27日 星期五	10月9日 星期三						
148	Completion of predrilling works	0 days	10月9日 星期三	10月9日 星期三						
149										
150	Socketted H-Pile Construction (30 piles)	168 days	10月8日 星期二	3月23日 星期一						
151	Plant mobilization	14 days	10月8日 星期二	10月21日 星期一						
152	Trial pile installation (1 pile)	14 days	10月22日 星期二	11月4日 星期一						
153	Socketted H-pile installation (16 piles) (1 set plant)	65 days	11月5日 星期二	1月8日 星期三						
154	Post drill	5 days	1月9日 星期四	1月13日 星期一						
155	Prepare & submit as-built record plan	28 days	1月9日 星期四	2月5日 星期三						
156	Submission of BA14	1 day	2月6日 星期四	2月6日 星期四						
157	Allow 14 days for selection of pile for loading test	14 days	2月7日 星期五	2月20日 星期四						
158	Set up loading test platform for 1st pile testing	12 days	2月21日 星期五	3月3日 星期二						
159	Loading test for 1st pile	4 days	3月4日 星期三	3月7日 星期六						
160	Set up loading test platform for 2nd pile testing	12 days	3月8日 星期日	3月19日 星期四						
161	Loading test for 2nd pile	4 days	3月20日 星期五	3月23日 星期一						
162	Completion of socketted H-pile construction	0 days	3月23日 星期一	3月23日 星期一						
163	Completion of cable bridge	0 days	3月23日 星期一	3月23日 星期一						
164	Completion of section B	0 days	4月30日 星期四	4月30日 星期四						
165	Contract completion	0 days	4月30日 星期四	4月30日 星期四						

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