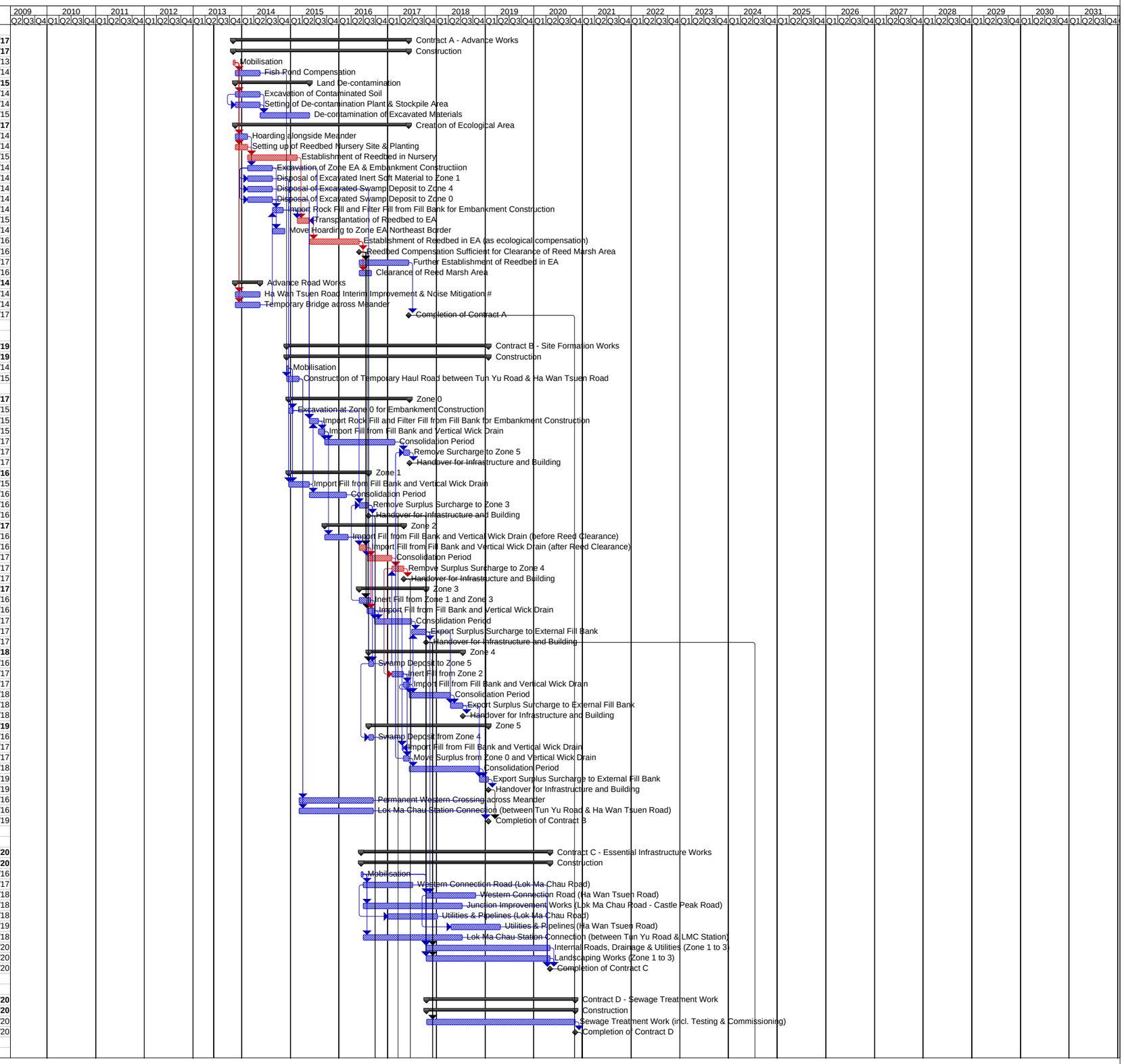
Agreement No. CE53/2008(CE)
Planning & Engineering Study on Development of Lok Ma Chau Loop - Investigation

Implementation Programme Rev 5b

Task Name	Duration	Start	Finish
1 Contract A - Advance Works	**42.5 mons**	**Mon 28/10/13**	**Tue 06/06/17**
1.1 Construction	**42.5 mons**	**Mon 28/10/13**	**Tue 06/06/17**
1.1.1 Mobilisation	0.5 mons	Mon 28/10/13	Tue 12/11/13
1.1.2 Fish Pond Compensation	6 mons	Tue 12/11/13	Sat 17/05/14
1.1.3 Land De-contamination	**18 mons**	**Tue 12/11/13**	**Sun 24/05/15**
1.1.3.1 Excavation of Contaminated Soil	6 mons	Tue 12/11/13	Sat 17/05/14
1.1.3.2 Setting of De-contamination Plant & Stockpile Area	6 mons	Tue 12/11/13	Sat 17/05/14
1.1.3.3 De-contamination of Excavated Materials	12 mons	Sat 17/05/14	Sun 24/05/15
1.1.4 Creation of Ecological Area	**42 mons**	**Tue 12/11/13**	**Tue 06/06/17**
1.1.4.1 Hoarding alongside Meander	3 mons	Tue 12/11/13	Thu 13/02/14
1.1.4.2 Setting up of Reedbed Nursery Site & Planting	3 mons	Tue 12/11/13	Thu 13/02/14
1.1.4.3 Establishment of Reedbed in Nursery	12 mons	Thu 13/02/14	Fri 20/02/15
1.1.4.4 Excavation of Zone EA & Embankment Constructiion	6 mons	Thu 13/02/14	Mon 18/08/14
1.1.4.5 Disposal of Excavated Inert Soft Material to Zone 1	6 mons	Thu 13/02/14	Mon 18/08/14
1.1.4.6 Disposal of Excavated Swamp Deposit to Zone 4	6 mons	Thu 13/02/14	Mon 18/08/14
1.1.4.7 Disposal of Excavated Swamp Deposit to Zone 0	6 mons	Thu 13/02/14	Mon 18/08/14
1.1.4.8 Import Rock Fill and Filter Fill from Fill Bank for Embankment Construction	2.6 mons	Mon 18/08/14	Fri 07/11/14
1.1.4.9 Transplantation of Reedbed to EA	3 mons	Fri 20/02/15	Sun 24/05/15
1.1.4.10 Move Hoarding to Zone EA Northeast Border	3 mons	Mon 18/08/14	Wed 19/11/14
1.1.4.11 Establishment of Reedbed in EA (as ecological compensation)	12 mons	Sun 24/05/15	Mon 30/05/16
1.1.4.12 Reedbed Compensation Sufficient for Clearance of Reed Marsh Area	0 days	Mon 30/05/16	Mon 30/05/16
1.1.4.13 Further Establishment of Reedbed in EA	12 mons	Mon 30/05/16	Tue 06/06/17
1.1.4.14 Clearance of Reed Marsh Area	3 mons	Mon 30/05/16	Wed 31/08/16
1.1.5 Advance Road Works	**6 mons**	**Tue 12/11/13**	**Sat 17/05/14**
1.1.5.1 Ha Wan Tsuen Road Interim Improvement & Noise Mitigation #	6 mons	Tue 12/11/13	Sat 17/05/14
1.1.5.2 Temporary Bridge across Meander	6 mons	Tue 12/11/13	Sat 17/05/14
1.2 Completion of Contract A	0 days	Tue 06/06/17	Tue 06/06/17
2 Contract B - Site Formation Works	**48.86 mons**	**Wed 03/12/14**	**Fri 25/01/19**
2.1 Construction	**48.86 mons**	**Wed 03/12/14**	**Fri 25/01/19**
2.1.1 Mobilisation	0.5 mons	Wed 03/12/14	Thu 18/12/14
2.1.2 Construction of Temporary Haul Road between Tun Yu Road & Ha Wan Tsuen Road	3 mons	Wed 03/12/14	Thu 05/03/15
2.1.3 Zone 0	**29.26 mons**	**Thu 18/12/14**	**Mon 12/06/17**
2.1.3.1 Excavation at Zone 0 for Embankment Construction	1.1 mons	Thu 18/12/14	Wed 21/01/15
2.1.3.2 Import Rock Fill and Filter Fill from Fill Bank for Embankment Construction	2.2 mons	Fri 22/05/15	Wed 29/07/15
2.1.3.3 Import Fill from Fill Bank and Vertical Wick Drain	1.5 mons	Wed 29/07/15	Mon 14/09/15
2.1.3.4 Consolidation Period	17 mons	Mon 14/09/15	Wed 22/02/17
2.1.3.5 Remove Surcharge to Zone 5	1.5 mons	Thu 27/04/17	Mon 12/06/17
2.1.3.6 Handover for Infrastructure and Building	0 days	Mon 12/06/17	Mon 12/06/17
2.1.4 Zone 1	**19.36 mons**	**Thu 18/12/14**	**Tue 09/08/16**
2.1.4.1 Import Fill from Fill Bank and Vertical Wick Drain	5 mons	Thu 18/12/14	Fri 22/05/15
2.1.4.2 Consolidation Period	9 mons	Fri 22/05/15	Thu 25/02/16
2.1.4.3 Remove Surplus Surcharge to Zone 3	2.3 mons	Mon 30/05/16	Tue 09/08/16
2.1.4.4 Handover for Infrastructure and Building	0 days	Tue 09/08/16	Tue 09/08/16
2.1.5 Zone 2	**19.16 mons**	**Mon 14/09/15**	**Sun 30/04/17**
2.1.5.1 Import Fill from Fill Bank and Vertical Wick Drain (before Reed Clearance)	5.7 mons	Mon 14/09/15	Tue 08/03/16
2.1.5.2 Import Fill from Fill Bank and Vertical Wick Drain (after Reed Clearance)	1.9 mons	Mon 30/05/16	Thu 28/07/16
2.1.5.3 Consolidation Period	6 mons	Thu 28/07/16	Mon 30/01/17
2.1.5.4 Remove Surplus Surcharge to Zone 4	2.9 mons	Mon 30/01/17	Sun 30/04/17
2.1.5.5 Handover for Infrastructure and Building	0 days	Sun 30/04/17	Sun 30/04/17
2.1.6 Zone 3	**16.2 mons**	**Mon 30/05/16**	**Sat 14/10/17**
2.1.6.1 Inert Fill from Zone 1 and Zone 3	2.7 mons	Mon 30/05/16	Mon 22/08/16
2.1.6.2 Import Fill from Fill Bank and Vertical Wick Drain	1.8 mons	Thu 28/07/16	Thu 22/09/16
2.1.6.3 Consolidation Period	9 mons	Thu 22/09/16	Wed 28/06/17
2.1.6.4 Export Surplus Surcharge to External Fill Bank	3.5 mons	Wed 28/06/17	Sat 14/10/17
2.1.6.5 Handover for Infrastructure and Building	0 days	Sat 14/10/17	Sat 14/10/17
2.1.7 Zone 4	**22.8 mons**	**Tue 09/08/16**	**Tue 17/07/18**
2.1.7.1 Swamp Deposit to Zone 5	1.2 mons	Tue 09/08/16	Thu 15/09/16
2.1.7.2 Inert Fill from Zone 2	2.8 mons	Mon 30/01/17	Thu 27/04/17
2.1.7.3 Import Fill from Fill Bank and Vertical Wick Drain	1.4 mons	Thu 27/04/17	Fri 09/06/17
2.1.7.4 Consolidation Period	10 mons	Fri 09/06/17	Sun 15/04/18
2.1.7.5 Export Surplus Surcharge to External Fill Bank	3 mons	Sun 15/04/18	Tue 17/07/18
2.1.7.6 Handover for Infrastructure and Building	0 days	Tue 17/07/18	Tue 17/07/18
2.1.8 Zone 5	**29 mons**	**Tue 09/08/16**	**Fri 25/01/19**
2.1.8.1 Swamp Deposit from Zone 4	1.2 mons	Tue 09/08/16	Thu 15/09/16
2.1.8.2 Import Fill from Fill Bank and Vertical Wick Drain	0.3 mons	Mon 17/04/17	Thu 27/04/17
2.1.8.3 Move Surplus from Zone 0 and Vertical Wick Drain	1.4 mons	Thu 27/04/17	Fri 09/06/17
2.1.8.4 Consolidation Period	17 mons	Fri 09/06/17	Sun 18/11/18
2.1.8.5 Export Surplus Surcharge to External Fill Bank	2.2 mons	Sun 18/11/18	Fri 25/01/19
2.1.8.6 Handover for Infrastructure and Building	0 days	Fri 25/01/19	Fri 25/01/19
2.1.9 Permanent Western Crossing across Meander	18 mons	Fri 06/03/15	Tue 13/09/16
2.1.10 Lok Ma Chau Station Connection (between Tun Yu Road & Ha Wan Tsuen Road)	18 mons	Fri 06/03/15	Tue 13/09/16
2.2 Completion of Contract B	0 days	Fri 25/01/19	Fri 25/01/19
3 Contract C - Essential Infrastructure Works	**45.73 mons**	**Tue 14/06/16**	**Fri 01/05/20**
3.1 Construction	**45.73 mons**	**Tue 14/06/16**	**Fri 01/05/20**
3.1.1 Mobilisation	0.5 mons	Tue 14/06/16	Wed 29/06/16
3.1.2 Western Connection Road (Lok Ma Chau Road)	12 mons	Wed 29/06/16	Thu 06/07/17
3.1.3 Western Connection Road (Ha Wan Tsuen Road)	12 mons	Sat 14/10/17	Sun 21/10/18
3.1.4 Junction Improvement Works (Lok Ma Chau Road - Castle Peak Road)	24 mons	Wed 29/06/16	Fri 13/07/18
3.1.5 Utilities & Pipelines (Lok Ma Chau Road)	12 mons	Sun 01/01/17	Mon 08/01/18
3.1.6 Utilities & Pipelines (Ha Wan Tsuen Road)	12 mons	Wed 18/04/18	Thu 25/04/19
3.1.7 Lok Ma Chau Station Connection (between Tun Yu Road & LMC Station)	24 mons	Wed 29/06/16	Fri 13/07/18
3.1.8 Internal Roads, Drainage & Utilities (Zone 1 to 3)	30 mons	Sat 14/10/17	Fri 01/05/20
3.1.9 Landscaping Works (Zone 1 to 3)	30 mons	Sat 14/10/17	Fri 01/05/20
3.2 Completion of Contract C	0 days	Fri 01/05/20	Fri 01/05/20
4 Contract D - Sewage Treatment Work	**36 mons**	**Wed 18/10/17**	**Fri 06/11/20**
4.1 Construction	**36 mons**	**Wed 18/10/17**	**Fri 06/11/20**
4.1.1 Sewage Treatment Work (incl. Testing & Commissioning)	36 mons	Wed 18/10/17	Fri 06/11/20
4.2 Completion of Contract D	0 days	Fri 06/11/20	Fri 06/11/20



Project: LMC Loop
Date: Wed 05/06/13

Task | Critical Task | Milestone | Summary

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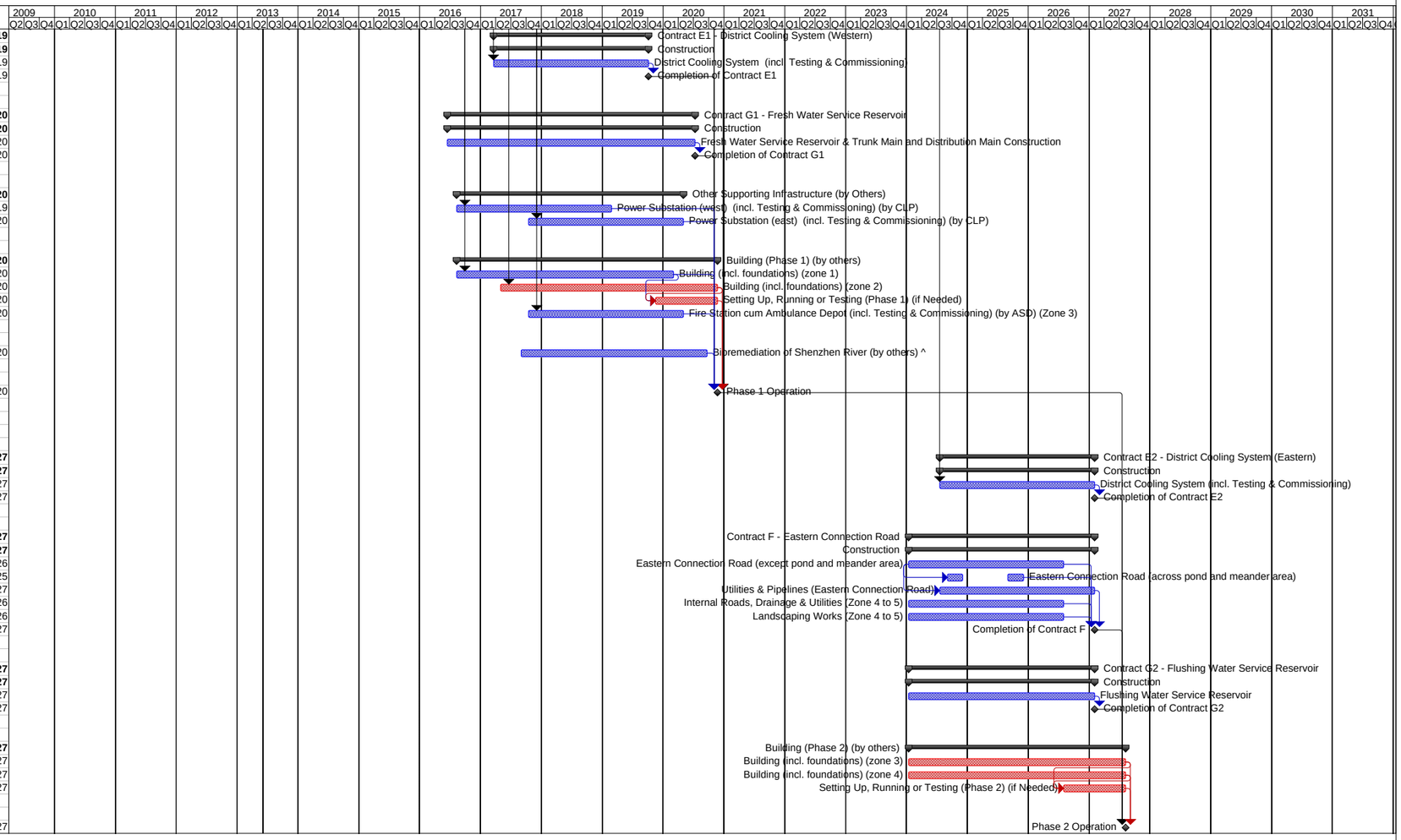
Task Name	Duration	Start	Finish
5 Contract E1 - District Cooling System (Western)	**30 mons**	**Sun 19/03/17**	**Fri 04/10/19**
5.1 Construction	**30 mons**	**Sun 19/03/17**	**Fri 04/10/19**
5.1.1 District Cooling System (incl. Testing & Commissioning)	30 mons	Sun 19/03/17	Fri 04/10/19
5.2 Completion of Contract E1	0 days	Fri 04/10/19	Fri 04/10/19
6 Contract G1 - Fresh Water Service Reservoir	**48 mons**	**Tue 14/06/16**	**Fri 10/07/20**
6.1 Construction	**48 mons**	**Tue 14/06/16**	**Fri 10/07/20**
6.1.1 Fresh Water Service Reservoir & Trunk Main and Distribution Main Construction	48 mons	Tue 14/06/16	Fri 10/07/20
6.2 Completion of Contract G1	0 days	Fri 10/07/20	Fri 10/07/20
7 Other Supporting Infrastructure (by Others)	**43.9 mons**	**Tue 09/08/16**	**Fri 01/05/20**
7.1 Power Substation (west) (incl. Testing & Commissioning) (by CLP)	30 mons	Tue 09/08/16	Mon 25/02/19
7.2 Power Substation (east) (incl. Testing & Commissioning) (by CLP)	30 mons	Sat 14/10/17	Fri 01/05/20
8 Building (Phase 1) (by others)	**50.5 mons**	**Tue 09/08/16**	**Sun 22/11/20**
8.1 Building (incl. foundations) (zone 1)	42 mons	Tue 09/08/16	Tue 03/03/20
8.2 Building (incl. foundations) (zone 2)	42 mons	Sun 30/04/17	Sun 22/11/20
8.3 Setting Up, Running or Testing (Phase 1) (if Needed)	12 mons	Sat 16/11/19	Sun 22/11/20
8.4 Fire Station cum Ambulance Depot (incl. Testing & Commissioning) (by ASD) (Zone 3)	30 mons	Sat 14/10/17	Fri 01/05/20
9 Bioremediation of Shenzhen River (by others) ^	36 mons	Fri 01/09/17	Sun 20/09/20
10 Phase 1 Operation	0 days	Sun 22/11/20	Sun 22/11/20
11 Contract E2 - District Cooling System (Eastern)	**30 mons**	**Thu 18/07/24**	**Tue 02/02/27**
11.1 Construction	**30 mons**	**Thu 18/07/24**	**Tue 02/02/27**
11.1.1 District Cooling System (incl. Testing & Commissioning)	30 mons	Thu 18/07/24	Tue 02/02/27
11.2 Completion of Contract E2	0 days	Tue 02/02/27	Tue 02/02/27
12 Contract F - Eastern Connection Road	**36 mons**	**Sun 14/01/24**	**Tue 02/02/27**
12.1 Construction	**36 mons**	**Sun 14/01/24**	**Tue 02/02/27**
12.1.1 Eastern Connection Road (except pond and meander area)	30 mons	Sun 14/01/24	Fri 31/07/26
12.1.2 Eastern Connection Road (across pond and meander area)	14.74 mons	Mon 02/09/24	Wed 03/12/25
12.1.3 Utilities & Pipelines (Eastern Connection Road)	30 mons	Thu 18/07/24	Tue 02/02/27
12.1.4 Internal Roads, Drainage & Utilities (Zone 4 to 5)	30 mons	Sun 14/01/24	Fri 31/07/26
12.1.5 Landscaping Works (Zone 4 to 5)	30 mons	Sun 14/01/24	Fri 31/07/26
12.2 Completion of Contract F	0 days	Tue 02/02/27	Tue 02/02/27
13 Contract G2 - Flushing Water Service Reservoir	**36 mons**	**Sun 14/01/24**	**Wed 03/02/27**
13.1 Construction	**36 mons**	**Sun 14/01/24**	**Tue 02/02/27**
13.1.1 Flushing Water Service Reservoir	36 mons	Sun 14/01/24	Tue 02/02/27
13.2 Completion of Contract G2	0 days	Wed 03/02/27	Wed 03/02/27
14 Building (Phase 2) (by others)	**42 mons**	**Sun 14/01/24**	**Sat 07/08/27**
14.1 Building (incl. foundations) (zone 3)	42 mons	Sun 14/01/24	Sat 07/08/27
14.2 Building (incl. foundations) (zone 4)	42 mons	Sun 14/01/24	Sat 07/08/27
14.3 Setting Up, Running or Testing (Phase 2) (if Needed)	12 mons	Sat 01/08/26	Sat 07/08/27
15 Phase 2 Operation	0 days	Sat 07/08/27	Sat 07/08/27



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