

Contract No. HY/2012/08

Tuen Mun - Chek Lap Kok Link - Northern Sub-sea Tunnel Section

Summary of changes for Contract Specific EM&A Manual

Our Reference: 0212330 Annex D_Summary of Changes_Rev a_2013_11_14.docx

Sections	Content
1	Introduction
1.1	n/a
1.2	Engineer's Supervising Officer's Representative (ER) changes to Supervising Officers' Representative (SOR)
1.3	Table 1.1 is revised in accordance to the scopes of <i>Contract No. HY/2012/08</i>
1.4	Scope of the EM&A programme is revised in accordance to the scopes of <i>Contract No. HY/2012/08</i>
1.5	Mitigation/enhancement measures recommended by the TM-CLKL EIA during detailed design phase are updated in accordance to the scopes of <i>Contract No. HY/2012/08</i>
1.6	n/a
2	Project Description
2.1	n/a
2.2	Sequence of construction is revised and supplementary information is provided as Annex C of this Manual. Scopes of Toll Plaza are irrelevant to this Contract, and thus removed.
2.3	n/a
2.4	Clauses related to Southern Reclamation are irrelevant to this Contract, and thus removed.
2.5	Table 2.2 is amended as Table 2.1 and details related to works area in Lantau are irrelevant to this Contract and thus removed
2.6	Table 2.3 amended as Table 2.2, and clauses related to sewage generation of Southern Landfall and Toll Plaza are inapplicable to this Contract, and thus removed.
2.7	Project programme is updated in accordance to the scopes of work under <i>Contract No. HY/2012/08</i> .
2.8	Interface with HKBCF and HZMB, HKLR, Tuen Mun Western By-pass is updated
2.9	n/a

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Sections	Content
3	Air Quality
3.1	
3.2	
3.3	
3.4	This section is completely revised based on the Enhanced TSP Monitoring Plan submitted to EPD in accordance with Condition
3.5	2.4 of the EP-354/2009/A.
3.6	
3.7	
3.8	
4	Noise
4.1	Revised to clarify that noise monitoring is not relevant to the Contract.
4.2	Revised to include noise mitigation measures.
4.3	Not used.
4.4	Not used.
4.5	Not used.
4.6	Not used.
4.7	Not used.
4.8	Not used.

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5	Water Quality
5.1	n/a
5.2	Mitigation measures related to construction sequence are revised in accordance to the Notification of Changes in Construction Sequence (summarized in Annex C). Silt curtain arrangements irrelevant to this Contract are indicated as not relevant/not used.
5.3	Clauses related to Southern Landfall are indicated as not relevant
5.4	ER is amended to SOR
5.5	ER is amended to SOR
5.6	Water quality monitoring stations applicable to <i>Contract No. HY/2012/08</i> are retained, otherwise indicated as not relevant or removed.
5.7	n/a
5.8	n/a
5.9	ER is amended to SOR. Relocation of Mf sediment is not applicable to this Contract and this indicated as not relevant.
5.10	n/a
5.11	Operational Phase Monitoring is revised.
5.12	n/a
6	Ecology
6.1	n/a
6.2	n/a
6.3	Table 6.1 is revised with item inapplicable to this Contract being indicated as not relevant.
6.4	Baseline walkover survey and Bore Piling Monitoring Programme are not applicable to this Contract, thus indicated as not relevant and/or removed. Details on coral translocation are also revised to incorporate requirements of the Detailed Coral

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	Translocation Methodology which was submitted to the EPD in accordance with Condition 2.6 of the EP-354/2009A.
6.5	Clause 6.5.3.5 is supplementary information to clarify the arrangement of vessel-based line transect dolphin impact monitoring under this Contract.
6.6	Mitigation measures inapplicable to this Contract are removed.
7	Landscape and Visual Assessment
7.1	Figures number relevant to this Contract are retained
7.2	n/a
7.3	n/a
7.4	n/a
7.5	n/a
7.6	Mitigation measures inapplicable to this Contract are removed.
8	Waste Management and Contaminated Land
8.1	Marine sediment disposal is updated based on the latest Sediment Quality Report for this Contract. Estimated quantities of C&D wastes generated as stated in the latest Waste Management Plan (WMP) submitted by Contractor of <i>Contract No. HY/2012/08</i> are provided/ updated as Table 8.1.
8.2	n/a
8.3	Table 8.1 is amended as Table 8.2 and the recommended waste disposal sites are updated as per the WMP prepared by the Contractor dated 24 September 2013.

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9	Cultural Heritage
9.1	Clarify as not applicable to this Contract.
9.2	Not applicable to this Contract and thus removed.
9.3	Not applicable to this Contract and thus removed.
9.4	Not applicable to this Contract and thus removed.
9.5	Not applicable to this Contract and thus removed.
10	Landfill Gas Hazard Assessment
10.1	Clarify as not applicable to this Contract.
10.2	Not applicable to this Contract and thus removed.
11	Site Environmental Audit
11.1	n/a
11.2	n/a
11.3	n/a
11.4	n/a

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Sections	Content
12	Reporting
12.1	n/a
12.2	n/a
12.3	n/a
12.4	n/a
12.5	n/a
12.6	n/a
12.7	n/a
12.8	n/a
12.9	n/a
12.1	n/a
12.11	n/a
Figures	Key: Removed/Not used = "X"; Amended = "A"; Adopted = "O"; *Additional Figure
Figure 1.1	O
Figure 1.2	O
Figure 2.1	O
Figure 2.2a	O
Figure 2.2b	O
Figure 2.3a	A
Figure 2.3b	O

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Sections	Content
Figure 2.3c	O
Figure 2.4a	A
Figure 2.4b	X
Figure 2.5a	O
Figure 2.5b	O
Figure 2.5c	O
Figure 2.6a	X
Figure 2.6b	X
Figure 2.6c	X
Figure 2.7	X
Figure 2.8a	O
Figure 2.8b	X
Figure 2.9a	A
Figure 2.9b	X
Figure 2.9c	X
Figure 3.1	O
Figure 3.2a	A
Figure 3.2b*	A
Figure 4.1	O
Figure 4.2	X
Figure 5.1	A
Figure 5.2	X
Figure 5.3	X

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Sections	Content
Figure 5.4	O
Figure 5.5a	X
Figure 5.5b	X
Figure 5.5c	X
Figure 5.6a	X
Figure 5.6b	X
Figure 5.6c	X
Figure 5.9	X
Figure 5.10	X
Figure 6.1	O
Figure 6.2	A
Figure 6.3	A
Figure 6.4	X
Figure 7.1.1.1	O
Figure 7.1.1.2	O
Figure 7.1.1.3	X
Figure 7.1.1.4	X
Figure 7.1.1.5	X
Figure 7.2.1.1	O
Figure 7.2.1.2	O
Figure 7.2.1.3	X
Figure 7.2.1.4	X
Figure 7.2.1.5	X

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Sections	Content
Figure 7.3.1.1	O
Figure 7.3.1.2	X
Figure 7.3.1.3	X
Figure 7.3.1.4	X
Figure 7.3.2.1	O
Figure 9.1	X
Figure 12.1	O
Appendixes	
Appendix A	Clauses of environmental mitigation and enhancement measure inapplicable to <i>Contract No. HY/2012/08</i> are removed
Appendix B	n/a
Supplementary Information	
Annex A	Silt curtain arrangements inapplicable to <i>Contract No. HY/2012/08</i> are removed, whilst silt curtain arrangement proposed by the <i>Contract No. HY/2012/08</i> Contractor is provided
Annex B	Figures relevant to <i>Contract No. HY/2012/08</i> are retained and complied in this Annex.
Annex C	Supplementary information to summarize the construction sequence under <i>Contract No. HY/2012/08</i>
Annex D	Additional information to indicate the changes in the Contract Specific EM&A Manual

Note: General changes on the document include fonts, incident, margin, footer and header