

Annex 10B

Compliance Checklist for  
EIA Report (Brief No. ESB-  
280/2014) against *Technical  
Memorandum Annex 11:  
Contents of an Environmental  
Impact Assessment (EIA)  
Report*

CONTRACT CV/2012/08 LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT SITE FORMATION AND INFRASTRUCTURE WORKS – CONTRACT 2  
WORKS PACKAGE NO. CA 012

COMPLIANCE CHECKLIST FOR EIA REPORT (BRIEF NO. ESB-280/2014) AGAINST TECHNICAL MEMORANDUM ANNEX 11: CONTENTS OF AN ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REPORT

Ref.	TM Annex 11 Title	Specific Requirements	EIA Report Compliance Check (July 2015)
1.	EXECUTIVE SUMMARY IN ENGLISH AND CHINESE	<ul style="list-style-type: none"> <li>Summary of main issues, findings, conclusions and recommendations</li> </ul>	Presented separately to the EIA Report in English and Chinese, with Section 1.2 describing the Project and its purpose and benefits as well as key facilities, Section 1.3 describing the key impact assessment findings for each environmental medium (e.g. ecology, noise, AQ, etc) and with regard to hazard to life, Section 1.4 detailing the key recommended mitigation measures and monitoring required and Section 1.5 providing the conclusion.
2.	INTRODUCTION	<ul style="list-style-type: none"> <li>Background of the project</li> <li>Purpose of the EIA study</li> <li>The approach</li> </ul>	<ul style="list-style-type: none"> <li>Section 1.1 provides background of the Project</li> <li>Section 1.2 provides purpose of the IEA Study</li> <li>Section 1.3 (Scope of the EIA) and Section 1.4 (Report Structure) provide the approach</li> </ul>
3.	DESCRIPTION OF THE PROJECT	<ul style="list-style-type: none"> <li>Key project requirements</li> <li>Site location and site history</li> <li>Nature, scope and benefits of the project</li> <li>Size or scale, shape and design of the project</li> <li>Project timetable and phasing of the project</li> <li>Means by which the project will be implemented</li> <li>Any related projects</li> <li>Type, scope, scale, frequency and duration of the construction, operational or decommissioning (if relevant) activities</li> <li>Background and history of the project, including considerations given to different options, and the project's different siting or alignment</li> <li>Description of scenarios with or without the project</li> </ul>	<ul style="list-style-type: none"> <li>Section 2.4 provides the key project requirements</li> <li>Section 2.2 provides the site location and site history. History of the site is also provided in Section 3.3</li> <li>Section 2.4 describes the nature and scope of the Project while Section 2.1 describes the benefits of the selected site location and selected explosive transport route.</li> <li>Section 2.3 provides the project schedule</li> <li>Section 1.1 paragraph 2 provides the contractual arrangements and 2.4 includes the means by which the Project will be implemented</li> <li>Regarding related projects, the EIA Report is largely drawn from a review of the XRL EIA which was used to obtain the current EP for the magazine site. This is reported in Section 1.3</li> <li>Section 2.3 provides the project schedule reporting on operation and decommissioning. There is no construction phase</li> <li>Section 1.1 provides background of the Project. Section 2.2 provides the site location and site history. History of the site is also provided in Section 3.3. Section 2.1.1 and 2.1.2 describe alternative Site locations and proposed explosive transport routes. Further details of the magazine requirement and selection are presented in Section 9.4.2 of Annex 8A.</li> <li>Section 2.1 which talks of Project Alternatives discussed the scenario should the TLEM not continue to operate as a magazine and an alternative site have to be found</li> </ul>
4.	ENVIRONMENTAL LEGISLATION, POLICIES, PLANS, STANDARDS AND CRITERIA	<ul style="list-style-type: none"> <li>Applicable environmental ordinances and regulations</li> <li>Applicable government environmental policies and plans</li> <li>Applicable environmental standards and criteria</li> <li>Other references</li> </ul>	Provided separately as necessary for each medium ie in Section 3.2 (Ecology), 4.2 (Noise), 5.2 (Air), 6.2 (Waste Management), 7.1.1 (Other including water quality and LVIA), 8.2 (Hazard to Life).
5.	DESCRIPTION OF THE ENVIRONMENT	<ul style="list-style-type: none"> <li>Baseline environmental conditions</li> <li>Environmental trends</li> </ul>	Provided separately as necessary, for each medium in Section 3.3 (Ecology), 4.3 (Noise), 5.3 (Air), 6 (not applicable - Waste Management), 7.1.2 (Other including water quality and LVIA). In Ch8 included in 'Facility Details'.
6.	DESCRIPTION OF ASSESSMENT METHODOLOGIES	<ul style="list-style-type: none"> <li>Assessment methodologies, assumptions and criteria, including sample calculations and input and output files of a typical model run for all mathematical modelling</li> </ul>	Section 1.3 describes the scope of the EIA report and how, as per the Study Brief, reference has been made to the approved Hong Kong Section of <i>Guangzhou-Shenzhen-Hong Kong Express Rail Link (XRL) EIA Report</i> (No. AEIAR-143/2009) (hereafter 'XRL EIA') according to which the EP under which the magazine site currently operates was issued. Noting there is no construction phase to the current Project, assessment methodologies have been provided separately to the legislation, policies, plans, standards and criteria, where as necessary for a medium. Section 4.5 describes the assessment methodology for Noise. For Air, Section 5.2 lists the relevant Air Quality Objectives and Section 5.3 explains the rationale for model adopted to predict baseline conditions. In Ch8 descriptions of the methodologies and relevant assumption are included in Section 8.3 'Study Objectives and Methodology', Section 8.5 'Base Case and Worst Case for Quantitative Risk Assessment', Section 8.6 'Population Data', Section 8.7 'Hazard Identification' and Section 8.8 'Summary of Risks'.

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7.	IDENTIFICATION OF ENVIRONMENTAL IMPACTS	<ul style="list-style-type: none"> <li>Potential environmental impacts including the types, characteristics and estimated quantities of emissions, discharges, wastes, potential risks, disturbances or displacement associated with the activities relating to the project during construction, operation and decommissioning phases</li> <li>Description of resources or receivers which are vulnerable to change or environmental impacts</li> </ul>	Provided separately as necessary, for each medium. Impact identification is provided in Section 3.4 (Ecology), 4.4 and 4.6 (Noise), 5.5 (Air), 6.3 (Waste Management), 7.1.3 (Other including water quality and LVIA). In Ch8 impact identification is included in Section 8.7 'Hazard identification'.
8.	PREDICTION AND EVALUATION OF ENVIRONMENTAL IMPACTS	<ul style="list-style-type: none"> <li>Prediction of environmental impacts (including beneficial or adverse; direct or indirect; short term or long term; reversible or irreversible; trans-boundary; cumulative)</li> <li>Evaluation of predicted environmental impacts against applicable environmental legislation, policies, plans, standards and criteria</li> </ul>	<p>Provided separately as necessary, for each medium. Impact identification and evaluation of impacts are provided in Section 3.4 (Ecology), 4.6 (Noise), 5.6 (Air), 6.4 (Waste Management), 7.1.3 (Other including water quality and LVIA). In Ch8 prediction of evaluation of impact is included in Section 8.8 'Summary of Risks'.</p> <p>Table 10.1 also provides a summary of environmental impacts</p>
9.	MITIGATION OF ADVERSE ENVIRONMENTAL IMPACTS	<ul style="list-style-type: none"> <li>Measures to eliminate, reduce or remedy adverse environmental impacts</li> </ul>	<p>Provided separately as necessary, for each medium. Mitigation measures are proposed in Section 3.5 (Ecology) and Section 6.5 (Waste Management), and deemed not necessary in Section 4 (Noise), Section 5 (Air), and Section 7 (Other including water quality and LVIA).</p> <p>In Ch8 mitigation measures are included in Section 8.8.3 'ALARP Assessment' and Section 8.9 'Conclusion and Recommendations'.</p>
10.	DEFINITION AND EVALUATION OF RESIDUAL ENVIRONMENTAL IMPACTS	<ul style="list-style-type: none"> <li>Definition and evaluation of net environmental impacts with mitigation measures in place</li> </ul>	<p>Provided separately as necessary, for each medium. Impact identification and evaluation of residual impacts are provided in Section 3.4 (Ecology), 4.6 (Noise), 5.6 (Air), 6.4 (Waste Management), 7.1.3 (Other including water quality and LVIA). In Ch8 evaluation of residual impact is included in Section 8.8 'Summary of Risks'.</p> <p>Table 10.1 also provides a summary of residual environmental impacts</p>
11.	ENVIRONMENTAL MONITORING AND AUDIT	<ul style="list-style-type: none"> <li>Need for and scope of monitoring and audit</li> <li>Environmental monitoring and audit requirements, if found to be necessary, and the related environmental monitoring and audit programme</li> </ul>	<p>Section 9 details the environmental monitoring and audit requirements of the Project.</p> <p>No adverse impacts are expected prior to mitigation for airborne noise, air quality and water quality, and therefore there are no monitoring or audit requirements for these environmental media. Therefore Section 9 details EM&amp;A for waste management, hazard to life and ecology with Annex 9A providing an implementation schedule</p>
12.	CONCLUSIONS AND RECOMMENDATIONS		<p>Provided separately for each medium. Conclusion and recommendations are provided in Section 3.6 (Ecology), 4.7 (Noise), 5.7 (Air), 6.6 (Waste Management), 7.4 (Other including water quality and LVIA) and 8.9 (Hazard to Life)</p> <p>Section 10 provides an overall summary of conclusions and a final conclusion for the whole report.</p>
13.	SCHEDULE OF RECOMMENDED MITIGATION MEASURES	<ul style="list-style-type: none"> <li>A schedule of all mitigation measures recommended in the EIA report, listing out what the mitigation measures are, by whom, when, where and to what requirements, and including the key environmental monitoring and audit requirements</li> </ul>	Annex 9A provides the Implementation Schedule
14.	APPENDIX	<ul style="list-style-type: none"> <li>Responses to comments received</li> </ul>	Annex 10RtC provides the responses to comments received.