

CHAPTER 1: INTRODUCTION

1.1 Project Proponent

The project proponent for operation of Myanmar International Terminals Thilawa limited (MITT) is Hutchison Ports which is a private holding company and a subsidiary of CK Hutchison Holdings. HPH is a world leading network offering port operations, logistics, cargo handling, container transportation, ship maintenance, and cruise terminal services throughout Asia, Middle East, Africa, Europe, America and Australasia with over 30,000 employees.

Hutchison Ports MITT was officially opened in Berth 5-9, Thilawa area, Kyauktan Township, Yangon Region on 9th November 1997 and it is Myanmar's first purpose-built international container terminal at Thilawa area and one hundred percent foreign-owned enterprise.

The information of the project is briefly listed in Table 1.1-1 and the details of the project proponent is provided in Table 1.1-2.

Table 1.1-1 Project Information

Total land area	75 hectares (185 acres)
Type of Business	Port operation
Type of Company	Subsidiary Company of Hutchison Ports, Hong Kong. One hundred percent foreign own enterprise under the foreign investment law.
Duration of investment	50 years BOT contract with Myanma Port Authority, Ministry of Transport and extension of 2 times of ten years.
Company Incorporation	Incorporated in Myanmar on 29th September 1995
Date of Official Opening	9th November 1997
Date of Commercial Run	1st March 1998

Source: MITT

Table 1.1-2 Information of Project Proponent

Project Proponent	Myanmar International Terminals Thilawa Ltd.
Contact Person	Mr. Khin Maung Latt Engineering Manager, Engineering Department Myanmar International Terminals Thilawa Ltd. Mr. Saw Tha Gay Assistant Operations Manager, Operations Department Myanmar International Terminals Thilawa Ltd.
Contact Details	Myanmar International Terminals Thilawa Ltd. Berth 5-9, Thilawa, Kyauktan Township, Yangon, Myanmar Email Address: khinmaunglatt@mitt.com.mm sawthagay@mitt.com.mm Website: https://www.mitt.com.mm Tel No: (95) 9 977 246 900-02 Fax: (95) 9 8617 168, 9 8618 364

Source: MITT

1.2 Type of EMP/ IEE and EIA Requirement

- 1) Type of Project : Port operation
- 2) Total container handling capacity : 450,000TEU per year at maximum operation
- 3) Total project area : 75 hectares (185acres)
- 4) IEE/ EIA Requirement:

In accordance with Article (116) in Annex A, Project Categorization for Assessment Purposes of EIA Procedures (2015) stipulated by Ministry of Environmental Conservation and Forestry (MOECF), the former name of Ministry of Natural Resources and Environmental Conservation (MONREC), the project can be categorized as “Shipping (Operation and Maintenance of ships used for the transport of cargoes and passengers)” as shown in Table 1.2-1.

Table 1.2-1 Screening for IEE/EIA Requirement

Type of Investment Projects	Size of Project which require IEE	Size of Project which require EIA	Size of the Proposed Project
Shipping (Operation and Maintenance of ships used for the transport of cargoes and passengers)	All sizes	All businesses which Ministry regards to undertake EIA	75ha (185 acres)

Source: EIA Procedures (2015), MOECF

MITT already exists prior to the issuance of Environmental Conservation Law (2012), Environmental Conservation Rules (ECR), and EIA Procedures (2015) and has been conducting port operations since 1997. However, in session (9) of EIA Procedures (2015) by MONREC, it is stated that “Any project/ business already in existence prior to the issuance of the Rules, or the construction of which has already commenced prior to the issuance of the Rules, and which, in either case, shall be required to undertake within the timeframe prescribed by the Department, an environmental compliance audit, including on-site assessment, to identify past and/or present concerns related to that project’s environmental impacts, and to:

- a) develop an EIA or IEE or EMP;
- b) obtain an ECC; and
- c) take appropriate actions to mitigate adverse impacts in accordance with the law, rules and other applicable laws.

On 19th September 2019, Myanmar Investment Commission (MIC) issued the Letter No. MaYaKa-9/Na-Htwe/2019 (6284) according to the reference letters: Letter No. EIA-2/2 (1797/2019) issued by ECD on 30th August 2019, Letter No. (Forest) 3(2)/16(Ga)/ (3859/2019) and Letter No. (Forest) 3(2)/16(Ga)/ (3863/2019) issued by Minister Office, MONREC on 4th and 5th September 2019, including the following instruction:

- To undertake Environmental Management Plan (EMP) for ongoing factories under nine prioritized sectors and factories in Thilawa Area which are approved by MIC;
- To submit EMP to ECD, MONREC within six-month timeframe starting from 29th July 2019 and not later than 28th January 2020, and
- To submit a copy of completed EMP status to MIC.

According to this MIC Letter, MITT (port operation in Thilawa with container handling capacity of 450,000 TEU at maximum operation) is one of the ongoing projects in Thilawa area under MIC approval since 1997 and needs to undertake Environmental Management Plan (EMP) in accordance with Section 76 and 77 of Environmental Impact Assessment (EIA) Procedures (2015) and submit to ECD not later than 28th January 2020 from issued date of the letter.

1.3 Purpose of EMP Study

EMP study for port operation of Myanmar International Terminals Thilawa Limited (MITT) intends to ensure that MITT is carrying out port operations with adequate and proper prevention and mitigation for adverse environmental and social impacts.

The specific objectives of EMP study for this project are as follows:

- To satisfy EIA Procedures (2015) and Letter No. MaYaKa-9/Na-Htwe/2019 (6284) issued by Myanmar Investment Commission on 19th September 2019;
- To identify the aspects of the project that could potentially result in significant environmental and social impacts on resources or receptors;
- To examine and evaluate potential adverse environmental and social impacts of the project;
- To develop required additional management plans and monitoring plans to ensure the effectiveness of mitigation measures.

1.4 Implementation Organization of EMP Study

The in-charge organization for implementation of this EMP study is Myanmar Koei International Ltd. (MKI) and the study team under MKI will consist of several experts who will bring their experience and expertise to EMP Study. The brief information of the company and EMP study team members with their responsibilities are described in Table 1.4-1 and Table 1.4-2. Curriculum Vitae of EMP Study team are attached in Appendix-1.

The EMP study will be approached in a methodological way to include sufficient, suitable and reliable information of the Project with complete adherence and in strict compliance to existing rules and regulations of the country.

Table 1.4-1 Organization in charge of EMP implementation

Name of Organization	MONREC Transitional Consultant Registration No.	Address	Contact Information	Responsibility
Myanmar Koei International Ltd. (MKI)	0024	No.36(A), 1 st Floor, Grand Pho Sein Condo, Pho Sein Road, Tamwe Township, Yangon, Myanmar	Tel: +95-1-548814 Fax: +95-1-8500107 Email: info@myanmar-koei.com myanmar-koei.com myanmar-koei@gmail.com	Overall management, Technical aspect of EMP, Public consultation, notice and disclosure

Source: EMP Study Team

Table 1.4-2 Members of EMP Study Team

Name of Organization	Name	Responsibility for EMP Study	Education Background	Years of Experience	MONREC Transitional Consultant Registration No. (Individual)
Myanmar Koei International Co., Ltd.	Mr. Khin Maung Thane (Team Leader)	Overall guidance for EMP Study, Quality control and assurance, Risk Control for Health & Safety, EMP & EMoP formulation	B.Sc. (Physics), Yangon University Advanced Certificate in Workplace Safety & Health, BCA Academy, Singapore. Certificate in ISO 9001: 2015 QMS and 14001 :2015 EMS Awareness Training, Myanmar Quality Management Centre, Yangon, Myanmar.	12 years	Under application process
	Dr. Phyto Thu Aung (Deputy Team Leader)	Pollution Control, Technical guidance	Ph.D (Chemical Engineering) M.E (Chemical Engineering) B.E (Chemical Engineering)	9 years	0024
	Ms. Aye Aye Aung	Environmental Monitoring, Baseline Data Analysis, Pollution Control	M.E (Environmental Engineering) B.E (Chemical Engineering)	12 years	Under application process
	Ms. Myat Witt Yee (Environmental and Chemical Expert)	Site survey, Data Inventory, Environmental Monitoring, Analysis of surrounding conditions, Project Coordination	B.E (Chemical Engineering) Dip in Geographic Information Systems (GIS), Dagon University, Myanmar	7 years	Under application process
	Ms. May Thinzar Kyaw (Environmental & Social Expert)	Site Investigation, Data Inventory, Project Description, Examining Myanmar Legislations and International Guidelines, Pollution Control, EMP & EMoP Formulation, Translation.	B.E (Port & Harbour Engineering), Myanmar Maritime University, Myanmar. Diploma in Geographic Information Systems (GIS), YU. Certificate in Advanced Environmental Management, MES.	3 years	Under application process
	Ms. Humm Kham Zan Aung (Environmental Specialist)	Site Investigation, Data Inventory, Project Description, Translation	M.S (Environmental Engineering), YTU. B.E (Civil Engineering), Technological University, Mandalay PG.Dip (Environmental Engineering), YTU.	3 years	-

Source: EMP Study Team

1.5 Overall Framework of Environmental Management Plan

The Government of Myanmar has given priority on Foreign Direct Investments (FDIs) in order to achieve economic development throughout Myanmar. On the other hand, the Ministry of Natural Resources and Environmental Conservation (MONREC) has announced the stipulation of the EIA procedures in which it defines detailed legal process for preparation of Environmental Management Plan (EMP), Initial Environmental Examination (IEE) Report and Environmental Impact Assessment (EIA) Report in Dec 2015. Basically, the EIA Procedure covers contents such as screening of projects, qualification for conducting EIA/ IEE/ EMP studies, preparation of EIA/ IEE report, Environmental Management Plan (EMP), public involvement, approval of EIA/ IEE/ EMP report by MONREC, and monitoring process after approval of EIA/ IEE/ EMP report and etc.

The overall framework of EMP study for port operation of MITT is mentioned in Table 1.5-1.

Table 1.5-1 Overall Framework of EMP study of the project

Proposed Scope of Services	Proposed Schedule	2019					2020								
		November	December				January				February	March	April		
		4th week	1st week	2nd week	3rd week	4th week	1st week	2nd week	3rd week	4th week					
I Preparing EMP Report in line with Government requirements (EIA Procedures-2015) (Scope 1)		← Dry Season →													
1)	Developing EMP Study Framework														
2)	Site visit and Data Collection from MITT														
3)	Confirmation of actual Environmental management activities in MITT														
4)	Desktop Study on collected data and secondary data														
5)	Environmental Baseline Monitoring (Air Quality, Water Quality, Noise&Vibration)		▲	▲											
6)	Environmental Baseline Data Analysis														
7)	Environmental Impact Assessment and Evaluation														
8)	Preparation of EMP Report in accordance with EIA Procedures														
7)	Translation of Executive Summary of EMP Report														
8)	Submission of EMP Report														
II Follow-Up Activities (Scope 2)															
1)	Review of EMP by ECD-YGN under MONREC														
2)	Finalization of EMP Report with comments from ECD-YGN under MONREC														
3)	Submission of Revised EMP Report to ECD-YGN under MONREC													▲	

Source: EMP Study Team

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