KMIC Korea-Myanmar Industrial Complex

KOREA-MYANMAR INDUSTRIAL COMPLEX (KMIC) PROJECT IN HLEGU TOWNSHIP, YANGON REGION

ENVIRONMENTAL MONITORING REPORT FOR CONSTRUCTION PHASE

7th Report (1st September 2025 – 28th February 2026)

March 2026

KMIC Korea-Myanmar Industrial Complex

KMIC Development Co., Ltd.

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No: KMIC-2026-043
Date: 30. Mar. 2026
Reference: Letter of Environmental Conservation Department (ECD), EIA Section (Notification Letter No. EIA/1/2 Approval (EIA) (1703/2022) on 05. Aug. 2022)

To: Director
Environmental Conservation Department, Yangon Region
Ministry of Natural Resources and Environmental Conservation

Subject: Submission of Biannual Environmental Monitoring Report in respect of the Project for Korea-Myanmar Industrial Complex (KMIC)

We would like to submit the Environmental Monitoring report of the Korea-Myanmar Industrial Complex (KMIC) in Nyaung Hnitpin, Hlegu Township to Environmental Conservation Department (ECD) in accordance with Environmental Conservation Law, Rules and Procedures.

Attachment # Environmental Monitoring Report – 4 Sets (4 CDs)

Yours sincerely,

KMIC Development Co., Ltd. No. ____ Date ____

Kim Jae Yong
Managing Director of KMIC Development Co., Ltd.

Cc: Deputy Director
Public Relation Section
Department of Urban and Housing Development

Staff Officer
Hlegu Township
Environmental Conservation Department, Hlegu Township

TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

EXECUTIVE SUMMARY

According to Section "L" of EIA approval letter, KMIC is required to submit a biannual monitoring report to Environmental Conservation Department (ECD) under Ministry of Natural Resources and Environmental Conservation (MONREC). Thus, this environmental monitoring program is implemented under the oversight, direction and comments of MONREC. KMIC contracted Myanmar Koei International Limited to prepare the comprehensive environmental monitoring report, and KMIC be the source of the necessary data and information for this report.

The biannual environmental monitoring report from September 2025 to February 2026 was prepared according to the Environmental Monitoring Plan of EIA report, which received approval from ECD (under MONREC) with Notification Letter No. EIA/1/2 Approval (EIA) (1703/2022) on 5 August 2022. The EIA approval letter was issued to Department of Urban and Housing Development (DUHD) under Ministry of Construction (MOC), and KMIC received it from DUHD on 26 August 2022.

According to the approval notification letter for environmental monitoring plan, the following activities should be followed:

1) Environmental monitoring of air quality, water quality and noise level, measurement methodologies, sampling, analytical measurements, monitoring location, monitoring frequency, records with timeframe, and reporting should be planned and implemented. The above environmental monitoring should be reported to the Ministry of Natural Resources and Environmental Conservation (MOREC) every six months and should be disclosed to public 10 days after submission to ministry.
2) Rules and commitments of the contractor mentioned in the EIA report, mitigation, and monitoring measures described in the Environmental Management Plan (EMP) should be followed and implemented.
3) The project implementation activities that will have the minimum environmental impact mentioned in the report should be followed.

Additionally, KMIC received the Environmental Compliance Certificate (ECC No.346) on August 25th, 2023, issued by Ministry of Natural Resources and Environmental Conservation.

CHAPTER 1: INTRODUCTION

1.1 GENERAL INFORMATION

1)	**Company Name:**	KMIC Development Co., Ltd.
2)	**Location of the Yangon Office Address:**	Pyay Road, Office Suite 2007, Pyay Garden Office Tower, 346-354, San Chaung Township, Yangon Region, Myanmar
3)	**Contact of KMIC:**	
	Contact Person (Foreigner):	Mr. Lee Chang Min (General Manager)
	Contact Number:	+959 950110060
	Email:	cm2771@lh.or.kr
	Contact Person (Local):	Ms. Su Sandy Htun
	Contact Number:	+959 750393343
	Email:	sstsusandytun@gmail.com
4)	**Approval of IEE/EIA:**	No. EIA/1/2 Approval (EIA) (1703/2022)
5)	**Environmental Compliance Certificate:**	ECC No. (346) on 25th August 2023
6)	**Date of Commencing Construction:**	December 24, 2021 (according to MIC permit letter)
7)	**Monitoring Period:**	From September 1, 2025 to February 28, 2026
8)	**Timing of Monitoring Report Submission for the year < 2025 ~ 2026 >:**	■ 1) First Submission (September ~ February) □ 2) Second Submission (March ~ August)
9)	**Project Implementation Status:**	■ Construction □ Operation
10)	**Implementing Organization for Monitoring**	
	Company Name:	Myanmar Koei International Ltd.
	Location of the Yangon Office Address:	No. 36A, 1st Floor, Grand Pho Sein Condo, Pho Sein Road, Tamwe Township, Yangon, Myanmar
	Contact of MKI:	
	Contact Person:	Mr. Khin Maung Thane
	Contact Number:	+95 (9) 975 504 315
	Email:	khin.maung.thane@myanmar-koei.com

1.2 OBJECTIVES

The environmental monitoring on the construction phase of Zone A of Korea-Myanmar Industrial Complex (KMIC) Project aims to support the implementation of environmental monitoring in accordance with the Environmental Management Plan of the Project. The purpose of this report is to observe the undertaken environmental management activities and environmental impacts because of project implementation, as well as identifying issues and suggesting actions.

1.3 DESCRIPTION

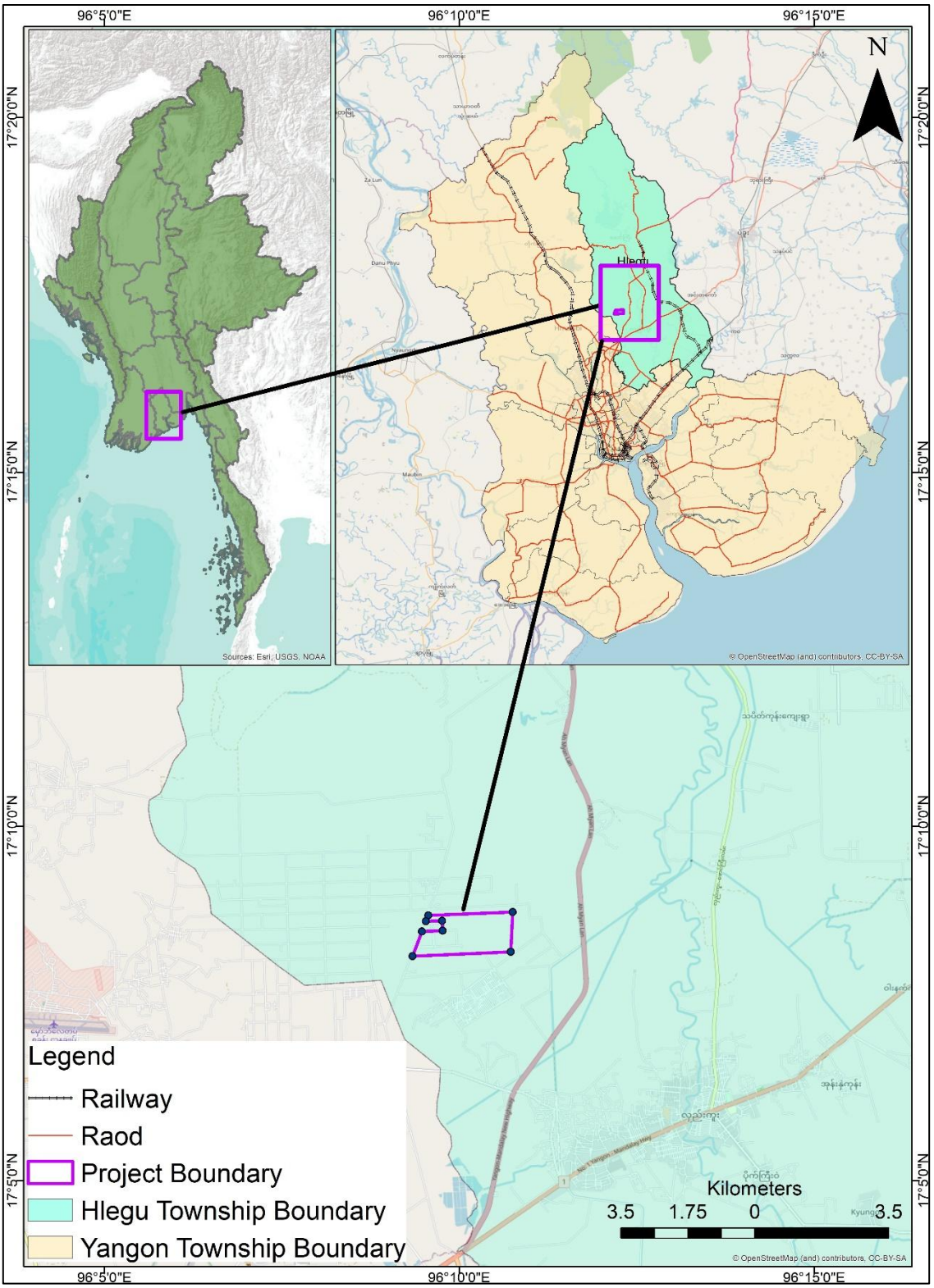
Under the Department of Urban and Housing and Development (DUHD), which is under the Ministry of Construction (MOC), Korea Land & Housing Corporation (LH) and Global Sae-a Co., Ltd. joined together to develop an industrial complex called Korea-Myanmar Industrial Complex (KMIC) Project on September 2015. The KMIC Project is approved by the Myanmar Investment Commission (MIC).

The Environmental Impact Assessment (EIA) Report of the KMIC Project gained approval from Environmental Conservation Department (ECD) under the Ministry of Natural Resources and Environmental Conservation (MONREC) with the notification letter No. EIA/1/2 Approval (EIA) (1703/2022) on 5 August 2022. According to Section "L" of EIA approval letter, KMIC is required to submit a biannual monitoring report to ECD (under MONREC).

During the monitoring period, KMIC supervises construction activities undertaken by it's contractor, AYT Construction Company Limited. In compliance with Section L of the EIA approval letter, KMIC prepared and submitted biannual monitoring reports by compiling and summarizing the information which covers the period from September 2025 to February 2026. This report is prepared in line with the items described in the approved EIA and section 109, Chapter IX of EIA Procedure Myanmar, 2015.

1.4 LOCATION

KMIC project is located near Nyaung Hnit Pin Livestock and Agricultural Zone No. 3 in Hlegu Township. It is also located 40 kilometers north of Yangon Port, 25 kilometers from Yangon International Airport, 35 kilometers from Hantharwaddy Airport project site (Bago Region), and 9 kilometers from the Yangon-Mandalay Expressway. This project site is 555.81 acres (2,249,288 square meter) wide flat land. The overview map of KMIC Industrial Complex is described in Figure 1-1.



Source: Myanmar Koei International Ltd.

Figure 1-1 KMIC Industrial Complex Location

1.5 PROJECT IMPLEMENTATION PROGRESS

The joint venture (JV) establishment of KMIC Development Co., Ltd. started on February 2019 and construction started on December 24, 2021, according to the MIC permit letter. The project implementation activities were initiated after receiving EIA approval letter from ECD-MONREC.

1.5.1 Project Implementation Progress During Monitoring Period (September 2025 to February 2026)

During the monitoring period, the major project performance status and activities conducted were relating to Field management (drain pipe installation work, soil water way), Site clearance, Earth works (cutting soil, transporting and compacting) , and Road and pavement (Sub-base).The main activities were carried out as describe in Table 1-1 and Figure 1-2. The details of the activities are described in the project's monthly reports are attached to Annex-2.

Table 1-1 Project Activities

No	Date	Project Activities During Monitoring Period	
		Activities	Description
1	December 1, 2025	Site Clearance	CR2-16 & CR2-2
	December 2, 2025	Levelling and Surveying	MA2-1L
	December 7, 2025	Civil Work	Road Profile work
	December 8, 2025	Site Inspection	Site Inspection by KMIC
	December 11, 2025	Common Work	Diversion Water work
	December 15, 2025	Site Inspection	Site Inspection by KMIC
	December 16, 2025	Site Inspection	Site Inspection by KMIC
	December 21, 2025	Earth Work	Topsoil Removing Work
	December 22, 2025	Earth Work	Access Road Preparation work
	December 23, 2025	Earth Work	CR2-16
	December 31, 2025	Earth Work	CR2-16
2	January 1, 2026	Borrow soil filling work	CR2-2
		Soil Laying and Compaction work	CR2-16
		Moisture Content Test	CR2-2
		Moisture Content Test	MA2-1L, CR2-2, CR2-16
	January 2, 2026	Soil Laying and Compaction work	CR2-16
	January 6, 2026	Site Inspection work by KMIC	CR2-2
	January 7, 2026	Soil Laying and Compaction work	CR2-2
	January 13, 2026	Borrow soil filling work	MA2-1(L)
		Tube well	Watering for road, car and worker
	January 14, 2026	Watering Work	CR2-2
		Field Density Test	CR2-2
	January 17, 2026	Borrow soil filling work	CR2-2
			Ngarsutaung ATY Quarry Site
	January 19, 2026	Soil Laying and Compaction work	MA2-1(L)
	January 20, 2026	Soil Laying and Compaction work	MA2-1(L)
		Field Density Test	CR2-2
		Watering Work and Soil laying and compaction work	MA2-1(L)
	January 22, 2026	Borrow soil filling work	MA2-1(L)
		Soil Laying and Compaction Work	MA2-1(L)
	January 24, 2026	Soil Laying and Compaction Work	CR2-2

No	Date	Project Activities During Monitoring Period	
		Activities	**Description**
		Concrete Water Pipe Delivery work	Temporary Diversion Water way
	January 26, 2026	Field Density Test	CR2-16
		Moisture Content Test	MA2-1(L), CR2-2, CR2-16
	January 28, 2026	Site Inspection work (Level Checking)	MA2-1(L)
		Rebound Hammer Test (Concrete Pipe)	Temporary Diversion Water Way
		Site Meeting	KMIC Site Office
		Concrete Water Pipe Delivery work	Temporary Diversion Water way
3	February 1, 2026	Borrow soil filling work	MA2-1(L)
	February 2, 2026	Soil Laying & Compaction Work	CR2-2
	February 3, 2026	Soil Laying and Compaction Work	CR2-16
	February 4, 2026	Field Density Test	MA2-1(L)
		Moisture Content Test	MA2-1(L)
	February 5, 2026	Borrow soil laying and compaction work	MA2-1(L)
	February 7, 2026	Watering	MA2-1(L)
		Borrow soil laying and compaction work	MA2-1(L)
	February 8, 2026	Borrow soil laying and compaction work	MA2-1(L)
	February 9, 2026	Borrow soil laying work	CR2-2
	February 10, 2026	Site Inspection by KMIC	Safety equipment inspection
			Testing R.C.C Concrete Pipe
	February 11,2026	Moisture Content Test	CR2-16, CR2-2, MA2-1(L)
		Field Density Test	CR2-16, CR2-2, MA2-1(L)
	February 12, 2026	Soil Laying and Compaction Work	CR2-2
	February 13, 2026	Borrow soil laying and compacting work	CR2-2
		Watering	MA2-1(L)
		Borrow soil laying compaction work	MA2-1(L)
	February 15, 2026	Borrow soil laying and compaction work	CR2-2
	February 16, 2026	Borrow soil laying work	CR2-2
		Soil Laying and Compaction Work	CR2-2
	February 17, 2026	Soil Laying & Compaction Work	MA2-1(L)
		Construction Site Fuel Storage Area	Environmental conservation and safety
	February 18, 2026	Watering work	MA2-1(L)
		3'Ø Concrete pipe Delivery work	Temporary Diversion water way
	February 20, 2026	Environmental Monitoring	Environmental Conservation
	February 21, 2026	Borrow soil filling and laying and Compaction work	MA2-1(L)
	February 22, 2026	Borrow soil laying and compaction work	MA2-1(L)
	February 23, 2026	Borrow Soil Laying Work	CR2-2
		Field Density Test	MA2-1(L)
		Proof Rolling Test	MA2-1(L)
	February 24, 2026	Borrow soil filling and laying and Compaction work	CR2-2
	February 28, 2026	3'Ø Concrete Drain Pipe Installation Work	Drain Pipe

Source: 2nd Preliminary Works for 1st Phase of KMIC Monthly Progress Report

Borrow Soil Filling Work

Borrow Soil Filling and Laying and Compaction Work

3'Ø R.C Concrete Drainpipe Delivering & Installation Work

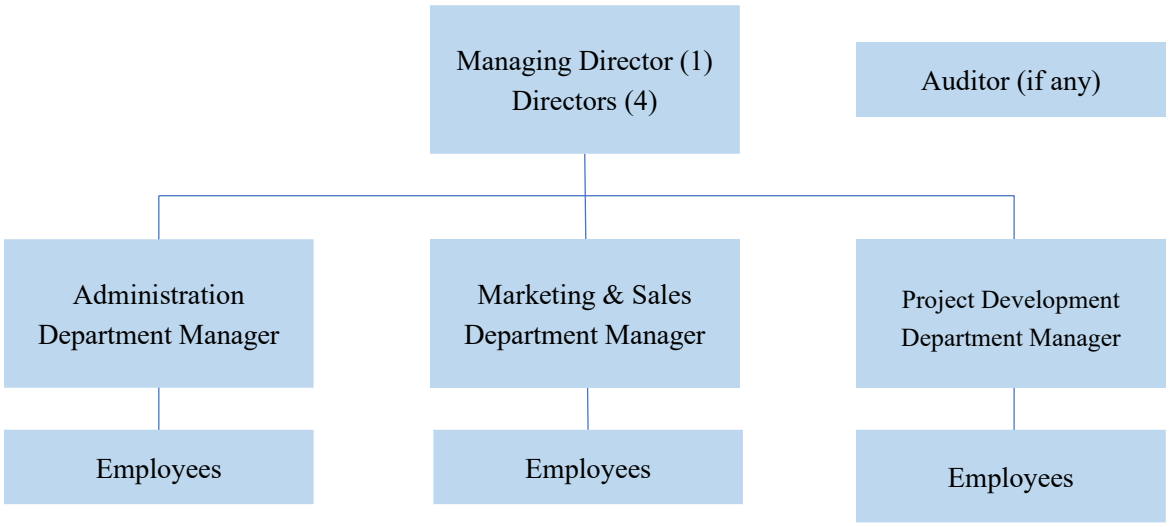
Source: KMIC

Figure 1-2 Project Construction Activities During Monitoring Period

CHAPTER 2: INSTITUTIONAL SETUP AND RESPONSIBILITIES OF EMOP IMPLEMENTATION AND SUPERVISION

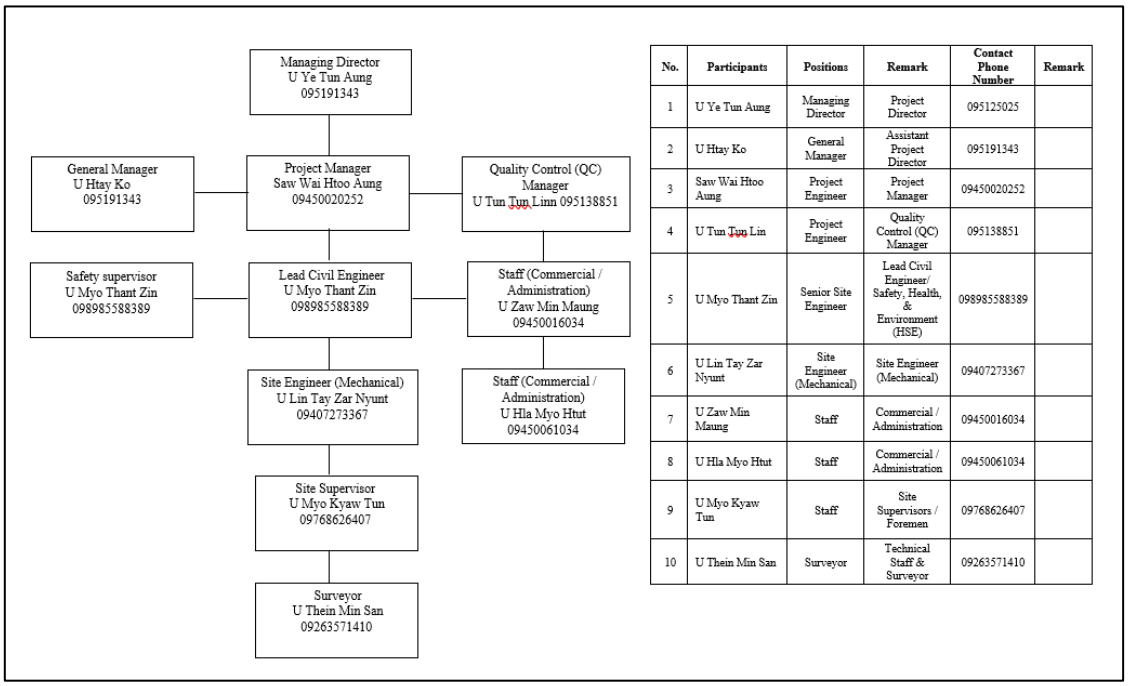
2.1 INSTITUTIONAL RESPONSIBILITIES FOR ENVIRONMENTAL MANAGEMENT

KMIC Development Co., Ltd. will implement and supervise the environmental management plan for both construction and operation phases, and the organization structure of KMIC is shown in Figure 2-1. During the construction phase, the contractor is fully responsible for overall construction activities. Thus, the organization structure of the contractor during the construction phase is shown in Figure 2-2.



Source: KMIC

Figure 2-1 Organization Structure of KMIC Industrial Zone



No.	Participants	Positions	Remark	Contact Phone Number	Remark
1	U Ye Tun Aung	Managing Director	Project Director	095125025	
2	U Htay Ko	General Manager	Assistant Project Director	095191343	
3	Saw Wai Htoo Aung	Project Engineer	Project Manager	09450020252	
4	U Tun Tun Lin	Project Engineer	Quality Control (QC) Manager	095138851	
5	U Myo Thant Zin	Senior Site Engineer	Lead Civil Engineer/ Safety, Health, & Environment (HSE)	098985588389	
6	U Lin Tay Zar Nyunt	Site Engineer (Mechanical)	Site Engineer (Mechanical)	09407273367	
7	U Zaw Min Maung	Staff	Commercial / Administration	09450016034	
8	U Hla Myo Htut	Staff	Commercial / Administration	09450061034	
9	U Myo Kyaw Tun	Staff	Site Supervisors / Foremen	09768626407	
10	U Thein Min San	Surveyor	Technical Staff & Surveyor	09263571410	

Source: 2nd Preliminary Works for 1st Phase of KMIC Monthly Progress Report

Figure 2-2 Contractor's Organization Structure for Task Performance

The responsibility for environmental management and implementation of environmental monitoring is described in Table 2-1.

Table 2-1 Roles and Responsibilities of Environmental Management

Role	Responsibilities
Project Manager	▪ Oversee the implementation and maintenance of the environmental management plan (EMP) and environmental monitoring plan (EMoP) ▪ Monitor overall performance and work closely with HSE personnel
Administration Manager	▪ Assist the Project Manager in managing the implementation and maintenance of EMP and EMoP
Construction Manager	▪ Follow and supervise the environmental mitigation measures
HSE Officer	▪ Monitoring and assessing hazardous and unsafe situations ▪ Developing measures to assure personnel safety ▪ Preventing or stopping unsafe acts when immediate action is required ▪ Participating in planning meetings to identify any HSE concerns inherent in the operations daily work-plan ▪ Ensuring preparation and implementation of site HSE plan ▪ Conducting toolbox meetings ▪ Reviewing and approving all workforces and machinery's safety plans ▪ Verifying that all tools and equipment are adequate and safe for personnel ▪ Promoting safe practices at the job site ▪ Training and carrying out drills and exercises on how to manage emergency situations ▪ Establishing safety standards and policies as needed ▪ Inspecting premises and the work of personnel to identify issues or non-conformity ▪ Preparing reports on occurrences and providing statistical information to the contractors

Source: Myanmar Koei International Ltd.

2.2 ENVIRONMENTAL MANAGEMENT AND MONITORING PLAN FOR CONSTRUCTION PHASES AS DESCRIBED IN APPROVED EIA REPORT

The environmental management and monitoring plan for the construction phase of KMIC as described in the approved EIA report is explained in the table below.

Table 2-2 Approved Environmental Management and Monitoring Plan

No	Environmental Impact	Mitigation Measures and Aspects for Monitoring	Responsible Person	Mitigation and Monitoring Phase	Recommended Frequency of Monitoring	Remark
1	**Soil Degradation**	- Avoidance of unnecessary cutting and removing of trees and vegetation - Controlling earthwork and compacting loose soil - Installation and construction of drainage structure properly - Ensuring supervision of excavation activities - Keeping the removed topsoil and reusing to rehabilitate disturbed areas	Contractor	Construction	Daily	

No	Environmental Impact	Mitigation Measures and Aspects for Monitoring	Responsible Person	Mitigation and Monitoring Phase	Recommended Frequency of Monitoring	Remark
2	**Soil Contamination**	- Practicing hazardous and non-hazardous waste management - Construction of sedimentation basin for construction wastewater before disposal - Construction of sand traps to settle the sand at the bottom and store the deposited sand - Applying a proper sanitation system for the construction workers and project staff - Regular check and maintenance of construction machinery and vehicles to avoid oil, fuel, chemicals and lubricant spills or leaks - Readily available of the site – appropriate spill containment kit	Contractor	Construction	Daily	
3	**Soil Erosion**	- Construction of concrete drains at steep levels and proper gradient at temporary drain - Minimizing clearance of vegetation - Protecting areas susceptible to erosion with mulch or a suitable alternative	Contractor	Construction	Monthly	
4	**Topography**	- Designing and constructing buildings and structures as much as possible to maintain shape and features of land surfaces	Architect, Civil Engineer, Contractor	Construction	Once (Design Phase)	
5	**Dust Emission**	- Control speed and operation of construction vehicles - Proper cover of trucks carrying construction materials - Prohibition of idling vehicles - Water should be sprayed on construction site and main roads	Contractor	Construction	Daily	
6	**Air Pollution**	- Regular maintenance of construction plants and equipment	Contractor	Construction	Monthly	
		- Engage sensitive workers - Provide masks and PPE - Worker to understand hazardous gas emission	Contractor	Construction	Monthly	
		- Measuring air quality	Contractor	Construction	Every six months (Daily according to TDC)	

No	Environmental Impact	Mitigation Measures and Aspects for Monitoring	Responsible Person	Mitigation and Monitoring Phase	Recommended Frequency of Monitoring	Remark
7	**Greenhouse Gas Emission**	- Conducting training to raise the awareness of drivers, operators and concerned staff on greenhouse emissions and mitigation measures - Prohibiting unnecessary driving and moving at site and idling vehicles and construction machinery as well - Regular maintenance of vehicles and machinery - Efficient use of vehicles (car-pooling and if possible, a truck will be used for two purposes at the same time – unloading of building materials and loading of construction wastes) and machineries - Formulating the construction management procedures including the efficient use of construction vehicles and machinery - Designing and construction of site offices as much as possible to get the natural light and ventilation	Contractor	Construction	Weekly	
8	**Surface Water/ Ground Water Contamination**	- Building sedimentation basin on a construction site to capture the disturbed soil which is washed off during rainfall - Construction of sand traps to settle the sand at the bottom and store the deposited sand - Systematic stacking and piling of materials on site, the regular solid waste disposal at the dumping site designated by the local municipality - Avoidance of hazardous wastes disposal in drinking-water sources - Adopting the proper waste management system - Regular maintenance and check of the machinery, vehicles and sources which can cause oil spills and hazardous chemical spills (if found, the immediate repair and cleansing will be conducted) - Systematic storage of fuels and filling station at construction site yard compound, handling and disposal of new oil and used oil waste - Provision of impervious basement at operation area to	Contractor	Construction	Monthly	

No	Environmental Impact	Mitigation Measures and Aspects for Monitoring	Responsible Person	Mitigation and Monitoring Phase	Recommended Frequency of Monitoring	Remark
		prevent oil spills when heavy machinery are working - Daily checking to earth moving machines by motor transport officer before starting engines - Providing a good pavement at machine workshops and garage - Applying the proper sanitation system for the construction workers and project staff - Checking sewer connections and pipes regularly to avoid any leaks				
		- Measuring water quality	Contractor	Construction	Every six months	
9	**Noise and Vibration**	- Training drivers and operators of construction vehicles and machinery to reduce the noise from their operations, and the construction activities will be restricted in night times - Regular maintenance of vehicles and machinery and wearing the ear mufflers (hearing protection devices) - Using sound absorb, soundproof engines at construction site and proper maintenance, enclosing noisy outdoor engines and generators in soundproof wall or buildings, regular checking and maintenance to silencers of engines and conserving trees around the site as some buffers against noise.	Contractor	Construction	Once (24hours)/ month	
		- Measuring noise and vibration level (The construction noise will be strictly maintained within the noise level (National Environmental Quality Emission Guidelines) set by Ministry of Natural Resources and Environmental Conservation)	Contractor	Construction	Every six months	
10	**Solid Waste Generation**	- Avoidance of unnecessary cutting and removing of vegetation plants - Developing drawing and land survey map to follow as drawing of landscaping procedure, producing a precise construction drawing to avoid unnecessary cutting and filling of earth work and excavation work - Ensuring calculation and estimation of materials requirement to avoid excessive purchase	Contractor	Construction	Monthly	

No	Environmental Impact	Mitigation Measures and Aspects for Monitoring	Responsible Person	Mitigation and Monitoring Phase	Recommended Frequency of Monitoring	Remark
		- Ensuring purchase of materials and stacking at collection yard and warehouses - Providing dust bins at appropriate places for hazardous substances and non-hazardous substances - Providing facilities for proper handling and storage of construction materials to reduce the amount of waste caused by damage or exposure - Collection of solid waste by Pollution Control and Cleansing Department – PCCD (Urban Environmental Conservation and Cleansing) with the on-call system. - Whenever possible, reusing and recycling solid waste will be done to reduce the amount and volume of construction debris. - Practicing Non-hazardous and Hazardous Solid Waste Management Plan				
11	**Hazardous Waste Generation**	- Practicing Hazardous Solid Waste Management Plan	Contractor	Construction	Monthly	
12	**Changes to Natural Resources**	- Ensuring calculation and estimation of material requirements to avoid excessive purchase - Ordering and collection of accurate quantities of materials - Efficient use of fuel, electricity, water and office stationery - The reusable materials will be reused by the project. The recyclables will be sent to the local recyclers. (Adopting 3 R Practice)	Contractor	Construction	Monthly	
13	**Traffic Flow**	- Proper planning of transportation of construction materials - Provision of traffic management staff at site and junctions - Installation of road signs and traffic signals along the way to the work site, main road, cross roads, approach roads, to notify stakeholders of the development - Enforcing speed limit to all vehicles which are transporting materials and accessing the site - Discussion with the traffic police unit there to make necessary arrangements not to worsen the	Contractor	Construction	Daily	

No	Environmental Impact	Mitigation Measures and Aspects for Monitoring	Responsible Person	Mitigation and Monitoring Phase	Recommended Frequency of Monitoring	Remark
		existing traffic condition in the town Traffic Safety: - Adoption of best transport safety practices across all aspects of project operations with the goal of preventing traffic accidents and minimizing injuries suffered by project personnel and the public. - Emphasizing safety aspects among drivers - Improving driving skills and requiring drivers licensing - Adopting limits for trip duration and arranging driver rosters to avoid overtiredness - Avoiding dangerous routes and times of day to reduce the risk of accidents - Regular maintenance of vehicles and use of manufacturer approved parts to minimize potentially serious accidents caused by equipment malfunction or premature failure.				
14	**Destruction of Vegetation and Expelling of Wildlife**	- Making the proper demarcation of project area that would be affected by construction works - Controlling construction vehicles to ensure the avoidance of unnecessary disturbance of vegetation - Replantation with native species, leaving native trees/plants - Supporting Environmental Education and Public Participation and Environmental Protection activities through CSR programs	Contractor	Construction	Monthly	
15	**Changes To Terrestrial Flora and Fauna**	- Replantation of native species and leaving native trees/plants - Conservation of the restored natural habitat	Contractor	Construction	Monthly	
16	**Disturbance to Aquatic Organisms and Aquatic Habitats**	- Banning fishing in fish spawning season and electric shock catching	Contractor	Construction	Monthly	
17	**Existing Social Infrastructure and Services**	- Upgrading the existing social infrastructures, services and facilities and/or building new social infrastructures and services	Contractor (under CSR program of developer)	Construction		
18	**Landscape and Scenery**	- Developing the architectural design, height and color of the buildings and structures by	Contractor/ Architect/ Designer/	Construction	Once	

No	Environmental Impact	Mitigation Measures and Aspects for Monitoring	Responsible Person	Mitigation and Monitoring Phase	Recommended Frequency of Monitoring	Remark
		taking the visual impacts of these structures into account - For visual impacts of electricity substation - Placing the structures in such a manner as to maximize the buffer zone between the structures and the roads - The retention of as much existing vegetation as possible, specifically the existing mature trees in the area - The re-establishment of some agricultural activity around the substation depending on the proposed land use - The establishment of climbing plants on sections of the perimeter fencing for safety and security considerations. Such planting will be done with specific viewpoints in mind and be used to break the monolithic nature or soften the visual impact of the development from those specific viewpoints. - All lighting, especially perimeter security lighting, will be shielded to see from outside the site. - Signage will be simple and unobtrusive	Engineer			
19	**Risks for Infectious Diseases such as COVID-19 and AIDS/HIV**	- Following the general EHS guidelines set by IFC, World Bank Group. - Interventions for communicable diseases - Providing surveillance and active screening and treatment of workers - Preventing illness among workers in local communities (undertaking health awareness and education initiatives, training health workers in disease treatment, conducting immunization programs for workers in local community to improve health and guard against infection, providing health services) - Providing treatment through standard case management in on-site or community health care facilities - Promoting collaboration with local authorities to enhance access of workers families and the community to public health	Contractor	Construction	Monthly	

No	Environmental Impact	Mitigation Measures and Aspects for Monitoring	Responsible Person	Mitigation and Monitoring Phase	Recommended Frequency of Monitoring	Remark
		services and promote immunization Interventions for vector-borne diseases - Prevention of larval and adult propagation through sanitary improvements and elimination of breeding grounds close to human settlements - Elimination of unusable impounded water, increase in water velocity in natural and artificial channels - Implementation of integrated vector control programs - Promoting use of repellents, clothing, netting and other barriers to prevent insect bites - Use of chemoprophylaxis drugs by non-immune workers and collaborating with public health officials to help eradicate disease reservoirs - Monitoring and treatment of circulating and migrating populations to prevent disease reservoir spread - Collaboration and exchange of in-kind services with other control programs in the project area to maximize beneficial effects - Educating project personnel and local residents on risks - Prevention and available treatment, monitoring communities during high-risk seasons to detect and treat cases - Distributing appropriate education materials and following safety guidelines for the storage, transport and distribution of pesticides to minimize the potential for misuse, spills, and accidental human exposure				
20	**Occupational Safety and Health**	- Company has guidelines and procedures and generally the following aspects are covered: - Guidelines and procedures for organizing the site (planning the work, organizing the work, common facilities to be provided, site access, public safety, lighting, site tidiness, storage areas, fire safety) - Preventive measures for accidents or injuries from excavations, working at height,	Contractor and Developer, Tenants	Construction, Operation	Monthly	

No	Environmental Impact	Mitigation Measures and Aspects for Monitoring	Responsible Person	Mitigation and Monitoring Phase	Recommended Frequency of Monitoring	Remark
		moving, lifting and handling loads, site vehicles and mobile plants operation, chemicals use, handling and storage - Protective Equipment (Safety helmet, footwear, googles and safety spectacles, gloves and protective clothing, other protective equipment) - Emergency procedures and preparedness (company's emergency personnel contact information, evacuation plan including exit routes, evacuation signals and sirens, location of eyewash stations and showers, fire extinguishers) - Providing First Aid kits and training on how to use them - Accident/Injury Reporting procedures - Training (Orientation) for all employees and workers				
21	**Emergency Risk**	Company has guidelines and procedures (Please see in the Annex section) and generally the following aspects are covered: Fire Safety Management - Practical Fire Safety Arrangements, Planning, Organization and Control, Monitoring and Review Fire Emergency Plan - Training and Training Provision, Information Distribution, Procedures to follow when discovering a fire and hearing the fire alarm, Contacting Emergency Services, Identify processes, machines or power which must be shut down, Emergency Services Liaison Procedures, Specific Information for the Emergency Services, Escape Routes, Assembly Points, Identify Persons especially at risk, Evacuation Arrangement for disabled people, staff with specific responsibilities, firefighting, fire control panel, contingency plans and Re-entering the building. (Also including Fire Safety Maintenance Checklist, Fire Safety Training Program) Emergency Response Plan for - Utility Failures (electrical outages, plumbing failure, gas leaks, steam line breaks,	Contractor	Construction	Every three months	

No	Environmental Impact	Mitigation Measures and Aspects for Monitoring	Responsible Person	Mitigation and Monitoring Phase	Recommended Frequency of Monitoring	Remark
		ventilation problems, elevator failures) - Earthquakes - Floods - Storms and Tornadoes - Medical Emergency - Shelter in place/Safe shelter				
22	**Community Health and Safety**	Following the general EHS guidelines set by IFC, World Bank Group. **Water Quality** - Drinking water sources – at all times be protected. - Delivery of water to the community or to users of facility infrastructure – water quality needs to comply with National Acceptability Standards (or in their absence the current edition of with WHO Drinking Water Guidelines) **Water Availability** - Potential effect of groundwater or surface water abstraction for project activities would be properly assessed accounting for seasonal variability and projected changes in demand in the project area. The higher demand of water use by health care facilities will be taken into account. **Structural Safety of Project Infrastructure** - Buffer strips or other methods of physical separation around project sites will be included to protect the public from major hazards associated with hazardous materials incidents or process failure, as well as nuisance issues related to noise, odor or other emissions. - The sitting and safety engineering criteria will be incorporated to prevent failures due to natural disasters. - Myanmar National Building Code (2016) will be applied to ensure structures are designed and constructed in accordance with sound architectural and engineering practice, including aspects of fire prevention and response. - Hazardous materials storage, handling and use will be managed to reduce or eliminate	Contractor, Developer, Tenants	Construction	Monthly	

No	Environmental Impact	Mitigation Measures and Aspects for Monitoring	Responsible Person	Mitigation and Monitoring Phase	Recommended Frequency of Monitoring	Remark
		consequences of the potential offsite release. **Life and Fire Safety** - The new buildings and facilities which can be assessed by the public will be designed, constructed and operated in full compliance with Myanmar National Building Code (2016), Myanmar Fire Services Department regulations and other local legal/insurance requirements. **Traffic Safety** - Adoption of best transport safety practices across all aspects of project operations with the goal of preventing traffic accidents and minimizing injuries suffered by project personnel and the public. - Emphasizing safety aspects among drivers - Improving driving skills and requiring drivers licensing - Adopting limits for trip duration and arranging driver rosters to avoid overtiredness - Avoiding dangerous routes and times of day to reduce the risk of accidents - Regular maintenance of vehicles and use of manufacturer approved parts to minimize potentially serious accidents caused by equipment malfunction or premature failure. **Transport of Hazardous Materials** - Project will have procedures ensuring compliance with local laws and requirements applicable to the transport of hazardous materials. The procedures will be: - Proper labeling of containers, including the identity and quantity of the contents, hazards, and shipper contact information - Providing a shipping document (e.g., shipping manifest) describing the contents of the load and its associated hazards in addition to the labeling of the containers. - Ensuring that the volume, nature, integrity and protection of packaging and containers used				

No	Environmental Impact	Mitigation Measures and Aspects for Monitoring	Responsible Person	Mitigation and Monitoring Phase	Recommended Frequency of Monitoring	Remark
		for transport are appropriate for the type and quantity of hazardous material and modes of transport involved - Ensuring adequate transport vehicle specifications - Training employees involved in the transportation of hazardous materials regarding proper shipping procedures and emergency procedures - Using labeling and placarding (external signs on transport vehicles) as required - Providing the necessary means for emergency response **Disease Prevention** - Communicable Diseases and Vector-Borne Diseases – Please see in the "Risks for infectious diseases such as AIDS/HIV" section above. **Emergency Preparedness and Response** - If there is a risk to the local community from a potential emergency arising at the project site, the company will inform the community through the communication measures, namely, informing the local authorities, communicating details of the nature of emergency, communicating protection options (evacuation, quarantine), providing advices on selecting an appropriate option and vehicle mounted speakers.				

Source: Approved EIA Report

2.3 ENVIRONMENTAL BASELINE SITUATION AS DESCRIBED IN APPROVED EIA

Air Quality Baseline Survey Results

Table 2-3 Air Quality Result at AQ1 (Measured date 25-26 April 2017)

Name	AQ-1	Reference Unit	Unit
PM_{10} (24-hour)	70.6	50	µg/m^3
$PM_{2.5}$ (24-hour)	32.1	25	µg/m^3
SO_2 (24-hour)	50.7	20	µg/m^3
NO_2 (1-hour)	78.3	200	µg/m^3
CO (1-hour)	301	30000	µg/m^3
O_3 (8-hour)	17.8	100	µg/m^3
VOCs (1-hour)	17.9	400	µg/m^3
HC	401.1	-	ppm
CH_4	6362	-	ppm

Source: Approved EIA

Noise Level Result

Table 2-4 Noise Level Result at AQ1 (Measured date 25-26 April 2017)

Sample Site	Leq in dBA			Lmax in dBA		
	Day	Night	Total	Day	Night	Total
Farmland near Project site	38	45	42	25	30	27

Source: Approved EIA

2.4 IMPLEMENTATION OF ENVIRONMENTAL MANAGEMENT MITIGATION MEASURES

Table 2-5 summarizes the essential mitigating activities that will be implemented to avoid or minimize severe adverse environmental effects related to the project's operation during the construction phase.

Table 2-5 Summary of Environmental Management Mitigation Measures during Construction Phase

Parameter	Environmental Mitigation Measures during Construction Phase
Air Pollution	▪ Water spraying, monitoring fuel consumption, speed limit and wash deck checking, ▪ Covered construction items/ materials during transport ▪ Regular check/maintenance of construction machinery and vehicles ▪ Strictly prohibition of open fire burning
Water Pollution	▪ Proper control of the construction site runoff, Sump pits, and Sanitation system ▪ Avoidance of hazardous wastes disposal in drinking-water sources
Solid Waste	▪ Waste management system: collection, segregation, storage, and disposal ▪ Avoid unnecessary purchase ▪ Designated waste storage area before collecting by Township Development Committee
Hazardous Materials	▪ Avoid unnecessary purchase to minimize the waste ▪ Substitution of non or less hazardous materials when possible ▪ Hazardous materials will be kept in the designated places ▪ Hazardous waste designated storage area

Parameter	Environmental Mitigation Measures during Construction Phase
Noise and Vibration	▪ Avoid idling heavy vehicles and machinery ▪ Make a list of equipment that may cause the risk of exposure to whole body and hand arm vibration
Offensive Odor	▪ Visual checking of septic tank and food waste ▪ Inspect whether the solid waste is properly collected and disposed
Soil Contamination	▪ To provide spill kit ▪ To improve sedimentation basin, sand traps, and sanitation system ▪ Installation/construction of proper drainage structure, and the supervision of excavation activities ▪ Regular check/maintenance of construction machinery and vehicles
Traffic Volume	▪ To control speed limit ▪ To implement traffic management ▪ To provide traffic signals ▪ To improve driving skills and provide licensing of drivers
Ground Subsidence	▪ Monitor groundwater consumption ▪ Regular inspections of the premises, with attention to pipework, gutters, and drainage systems
Local Economy and Livelihood	▪ Job opportunities
Landscape and Greening	▪ Retention of existing vegetation and mature trees as much as possible ▪ Keeping the removed topsoil and reusing to rehabilitate disturbed areas ▪ Reduce light pollution, especially perimeter security lighting, and excessive use of illumination devices at night
Occupational Health and Safety	▪ Guidelines and procedures for organizing the site ▪ Preventive measures for accidents or injuries ▪ PPE (Personal Protective Equipment) ▪ Emergency procedures and preparation ▪ Providing first aid kits and training on how to use them ▪ Accident/Injury reporting procedures ▪ Training/Orientation for all employees and workers ▪ Risk for infectious diseases ▪ Monthly checklist for pest control activities
Community Health and Safety	▪ Water quality and availability (if any) ▪ Structural safety of project infrastructure ▪ Life and fire safety ▪ Traffic safety ▪ Transport of hazardous materials ▪ Communicable disease prevention ▪ Emergency preparedness and response
Security	▪ Security Guard ▪ Security Procedures
Emergency	▪ Fire safety management and emergency plan ▪ Emergency response plan for utility failures, earthquakes, floods, storms, medical, and shelter
Biodiversity	▪ Banning fishing in fish spawning season and electric shock catching ▪ Replantation of native species and leaving native trees/plants ▪ Conservation of the restored natural habitat

Source: Approved EIA Report

CHAPTER 3: SUMMARY OF MONITORING ACTIVITIES AND RESULTS

During the monitoring period from September 2025 to February 2026, the project contractor carried out 2nd preliminary works for the first phase of KMIC from December 2025 to February 2026. These activities included site clearance, soil cutting and excavation, embankment, reinforced concrete pipe, cutting, transporting, compaction, etc. Consequently, the contractor conducted environmental monitoring by measuring air quality, noise and vibration levels.

CHAPTER 4: IMPLEMENTATION OF ENVIRONMENTAL MONITORING PLAN

4.1 AIR POLLUTION

During the monitoring period, there were construction activities with few utilizations of heavy equipment, machinery, and vehicles. The detailed description on the environmental monitoring for air pollution is described in Table 4-1 and Table 4-3.

Table 4-1 Biannual Environmental Monitoring for Air Pollution

Items	Description
Regular Maintenance of Construction Plants and Equipment	• During the monitoring period, there are few utilizations of heavy machinery as shown in Table 4-4.
Occupational Health and Safety Management	• To engage the sensitive workers and to provide masks and Personal Protective Equipment (PPE), there were provisions of safety facilities, PPE, safety equipment, safety and health education and events, and health care expenses of workers.
Ventilation System at Site Office	• The project site office provided ventilation system and used natural light for employees as shown in Figure 4-1.
Dust Emission	• The project-initiated construction activities during the dry season, therefore, water spraying with water boxer to mitigate dust dispersion.
Air Quality Monitoring	• During the monitoring period from September 2025 to February 2026, construction activities were conducted by the project contractor; therefore, air quality monitoring was performed, and the results are detailed in Table 4-3.
Speed Limits	• Speed limits signages for construction vehicles.

Source: Myanmar Koei International Ltd.

Survey Location

The location of air quality survey point is shown in Table 4-2. The details of the survey point are described below.

Table 4-2 Location of Air Quality Field Survey

Survey Point	Coordinates	Description of Survey Point
AQ-1	N: 17°8'48.93", E: 96°10'12.93"	Close to the northern boundary of the project site

Source: Myanmar Koei International Ltd.

Air Quality Survey Results

Table 4-3 Air Quality Survey Result (Daily Average)

Date 19 February ~ 20 February, 2026	NO_2 µg/m³	$PM_{2.5}$ µg/m³	PM_{10} µg/m³	O_3 µg/m³	SO_2 µg/m³
Monitoring Result	45.956* (1-hour)	23.388 (24-hour)	31.082 (24-hour)	(59.229 ~ 92.558) (8-hour)	18.428* (24-hour)
Approved EIA Baseline Result, 2017	78.3 (1-hour)	32.1 (24-hours)	70.6 (24-hours)	17.8 (8-hours)	50.7 (24-hours)
NEQG Guideline Value	200 (1-hour)	25 (24-hours)	50 (24-hours)	100 (8-hours)	20 (24-hours)

Note: 1) NEQG- National Environmental Quality Emission Guideline, Myanmar (Dec 2015)
2) The value of NO_2, O_3 and SO_2 were converted to µg/m³ units from ppb.
* 1-hr maximum duration for NO_2 concentrations is from 19:00 to 20:00 on 19 February 2026.
* 8-hr maximum duration for Ozone concentrations is from 14:00 to 21:00 on 19 February 2026.
Source: Myanmar Koei International Ltd.

i. Brief explanation of Measurement Method:

Survey of meteorology and air quality (NO_2, SO_2, $PM_{2.5}$, PM_{10} and Ozone) were conducted by referring to the recommendation of the United States Environmental Protection Agency (U.S. EPA). The Oceanus AQM-09 Air Quality Monitoring System was to collect ambient air pollutants. The system measures automatically every one minute and directly reads and records onsite for NO_2, SO_2, $PM_{2.5}$, PM_{10} and Ozone.

ii. Evaluation of Monitoring Results:

The daily average value of air quality monitoring results of NO_2, $PM_{2.5}$, PM_{10}, Ozone and SO_2 are described in Table 4-3. Compared with the guideline values of NO_2, $PM_{2.5}$, PM_{10}, Ozone and SO_2 prescribed in the National Environmental Quality (Emission) Guidelines (NEQG) (referred to Section 1.1, Air Emissions), 1-hour maximum concentration of NO_2, 24-hour average concentration of Particulate Matter ($PM_{2.5}$), (PM_{10}), and SO_2 were lower than the guideline value. 8-hour maximum concentration of Ozone construction is lower than the guideline value.

During air quality monitoring, the operating activities of KMIC project are land leveling, soil laying and compacting, and transportation of excavated soil.

The air quality results will be attached to the monitoring report, and the detailed record, activities photos and raw data of measurement will be included in Annex-1.

iii. Mobilization of Heavy Equipment

During construction period, heavy machines such as excavators, tractors, dump trucks, dozers, compactors, and others were used. The table below describes the monthly mobilization of heavy equipment.

Table 4-4 Heavy Equipment Mobilization

Description	Number of Equipment Mobilized						Total
	Sep 2025	Oct 2025	Nov 2025	Dec 2025	Jan 2026	Feb 2026	
Excavator - 21 Ton	N/A	N/A	N/A	31	30	28	89
Tractor – 95 HP	N/A	N/A	N/A	2	-	-	2
Dump Truck	N/A	N/A	N/A	70	245	273	588
Dozer (D6)	N/A	N/A	N/A	1	30	28	59
Compactor (SV512TF)	N/A	N/A	N/A	2	30	28	59
Excavator – 8 Ton	N/A	N/A	N/A	N/A	5	27	32

Source: 2nd Preliminary Works for 1st Phase of KMIC Monthly Progress Report

Ventilation System at Project Site Office

Water Spraying to Mitigate Dust Dispersion at Construction Area

Source: KMIC

Figure 4-1 Ventilation System and Water Spraying

4.2 WATER POLLUTION

To reduce the impacts of water pollution, soil waterways were constructed at the construction site to control runoff, minimize soil erosion, and prevent sediment from entering nearby surface and groundwater sources. The detailed description on environmental monitoring for water pollution is described in Table 4-5.

Table 4-5 Biannual Environmental Monitoring for Water Pollution

Items	Description
Soil Waterways	• Soil waterways were constructed as shown in Figure 4-2.
Hazardous Waste Management	• During the monitoring period, there is no hazardous waste discharge since the main activities carried out are earthwork. • Fuels were not stored at the project construction site since the fuel required to utilize in the vehicles during the construction period were delivered directly to the project site and filled in the vehicles as needed.
Maintenance of Machineries	• There are very few utilizations of heavy machinery during the monitoring period as shown in Table 4-4 which can cause oil spills and hazardous chemical spills • The record of utilization of machinery/vehicles is mentioned in detail in the monthly progress reports attached in Annex-2. • There is no washing area for vehicles at the moment, hence, there is no impact on water quality.
Storage of Fuels and Filling Station	• The fuel utilized in the vehicles in the construction period were delivered directly to the project site and filled in the vehicles as needed. Thus, no fuel was stored at the project site.
Sanitation System	• There is sanitation facility (toilet) at the project office, in which the septic tank is buried underground. The sanitation facilities at the project site are shown in Figure 4-3.
Storm Water System	• The storm water system at the project site was implemented to handle rainwater runoff, preventing flooding and pollution. The drainage system is well-maintained and in good condition during the monitoring period.
Water Quality Monitoring	• Despite there were ongoing construction activities during the monitoring period from September 2025 to February 2026, no discharge water was generated. Therefore, water quality monitoring was not conducted.

Source: Myanmar Koei International Ltd.

	
Status of Sedimentation Basin	Status of Soil Waterways

Source: KMIC

Figure 4-2 Sedimentation Basin and Soil Waterways

	
Basin at Project Office	Toilet at the Project Office

Source: KMIC

Figure 4-3 Sanitation Facilities

Source: KMIC

Figure 4-4 Storm Water and Drainage System at Project Office

4.3 SOLID WASTE

During the monitoring period, solid waste generated from construction activities was managed by the contractor. The detailed description on environmental monitoring for solid waste is described in Table 4-6.

Table 4-6 Biannual Environmental Monitoring for Solid Waste

Items	Description
Placement of Dust Bins	• Dust bins were provided at appropriate places for hazardous substances and non-hazardous substances at the project site office as described in Figure 4-5.
Solid Waste Collection	• During the construction phase, excavated and graded earth was reused and recycled on-site, while waste from construction workers was collected and disposed of by the Township Development Committee near the project site. • The collection of solid waste will be carried out by Township Development Committee near the project site with the on-call system.
Facilities for handling and storage of construction materials	• The construction materials were properly handled and stored during the construction period.

Source: Myanmar Koei International Ltd.

Source: KMIC

Figure 4-5 Dust Bins provided at Project Site Office

4.4 HAZARDOUS MATERIALS

During the monitoring period, hazardous materials were minimally used during construction activities and were not stored at the project site. The detailed description on the environmental monitoring for hazardous materials is described in Table 4-7.

Table 4-7 Biannual Environmental Monitoring for Hazardous Materials

Items	Description
Hazardous Waste Management	• During the monitoring period, there is no hazardous waste that was discharged since the main activities carried out are earthwork activities. • Fuels were not stored at the project construction site since the fuel utilized in the vehicles during the construction period were delivered directly to the project site and filled in the vehicles as needed. • Hourly average of fuel usage during the monitoring period is shown in Table 4-8.

Source: Myanmar Koei International Ltd.

During the construction activities, heavy machinery utilized fuel. The hourly average of fuel usage in gallon per hour is shown in the table below.

Table 4-8 Average Hourly Usage of Fuel

Description	Unit	Amount
Excavator – 21 Ton	gallon/hr	6.00
Tractor – 95 HP	gallon/hr	3.00
Dump Truck	gallon/hr	0.41
Dozer (D6)	gallon/hr	4.80
Compactor (SV512TF)	gallon/hr	3.17
Excavator – 8 Ton	gallon/hr	2.40
Average Total	**gallon/hr**	**19.77**

Source: KMIC

4.5 SOIL CONTAMINATION

Soil contamination during the construction phase is primarily caused by improper waste management and the mishandling of hazardous materials, such as oils and lubricants. Activities like the disposal of solid waste, spills from construction machinery, and inadequate sanitation for workers can introduce harmful pollutants into the soil, negatively impacting soil quality, local ecosystems, and human health. Although the immediate significance of these impacts may be low, their cumulative effects can lead to long-term environmental degradation. To address these issues, it is crucial to implement effective waste management practices, ensure proper handling of hazardous substances, provide spill response measures, and adhere to environmental regulations. By taking these proactive steps, construction projects can significantly reduce their environmental footprint and safeguard soil health for future generations.

Table 4-9 Biannual Environmental Monitoring for Soil Contamination

Items	Description
Hazardous and Non-hazardous Waste Management	• During the monitoring period, no hazardous and non-hazardous waste was discharged or stored.
Sedimentation Basin	• Sedimentation basin for construction wastewater before disposal was constructed. However, there are not many construction activities which release wastewater to the sedimentation basin used as grit chamber during the monitoring period.
Maintenance of Construction Machineries and Vehicles	• There are few utilizations of heavy machinery during the monitoring period as shown in Table 4-4 which can cause oil spills and hazardous chemical spills. • The records of utilization of machinery/vehicles are mentioned in detail in the monthly progress reports attached in Annex-2.
Fuel usage	• The fuel required to utilize in the vehicles during the construction period was delivered directly to the project site and filled in the vehicles as needed. • Fuels were not stored at the project construction site since the fuel utilized in the vehicles during the construction period were delivered directly to the project site and filled in the vehicles as needed.

Source: Myanmar Koei International Ltd.

4.6 NOISE AND VIBRATION LEVEL

During the monitoring period, KMIC has initiated preliminary work for the first phase of construction, which necessitates comprehensive noise and vibration monitoring in the surrounding project area. This monitoring is crucial due to the expected impacts from both residential activities and vehicular traffic during the construction stage. The detailed description on the environmental monitoring for noise and vibration is described in Table 4-10.

Table 4-10 Biannual Environmental Monitoring for Noise and Vibration Level

Items	Description
Training for drivers and operators	• Training to drivers and operators of construction vehicles and machinery to reduce noise from their operation was provided during daily toolbox meetings and general safety training.
Regular maintenance of vehicles and machinery and wearing the ear mufflers	• There are few utilizations of heavy machineries during the monitoring period as shown in Table 4-4, and the record of utilization of machineries/vehicles are mentioned in details in the monthly progress reports attached in Annex-2. • The construction activities during the monitoring period do not require continuous use of heavy machinery for long hours. Thus, wearing ear muffles (hearing protection devices) is not necessary at the moment.
Noise and Vibration Level Monitoring	• During the monitoring period from September 2025 to February 2026, construction activities were conducted by the project contractor. Therefore, noise and vibration monitoring were carried out by the contractor to assess the impact of these activities on the surrounding environment. The noise and vibration measurement result are shown in Table 4-10 and Table 4-12.

Source: Myanmar Koei International Ltd.

Survey Location

The location of noise and vibration level point is shown in Table 4-11. The details of survey point is described below.

Table 4-11 Location of Noise and Vibration Survey Station

Survey Point	Coordinates	Description of Survey Point
NV-1	N: 17°8'48.93", E: 96°10'12.93"	Close to the northern boundary of the project site

Source: Myanmar Koei International Ltd.

Noise Level Measurement Results

Table 4-12 Results of Noise Levels (LA_{eq}) Survey at NV-1

Date	(Industrial, Commercial) Equivalent Noise Level (LA_{eq}, dB)		Evidences/ Analysis Results/ Photos
	Day Time (7:00 AM – 10:00 PM)	Night Time (10:00 PM – 7:00 AM)	
19 February 2026 - 20 February 2026	49	43	Annex-1
Approved EIA Baseline Result, 2017	38	45	
NEQG Guideline value	70	70	

Note: Target value is applied to the noise level in the NEQG Guideline (Dec, 2015), Myanmar
Source: Myanmar Koei International Ltd.

i. Brief explanation of Measurement Method

Noise level was measured by "Rion NL-42 sound level meter" and automatically recorded every 10 minutes on a memory card.

ii. Evaluation on the Monitoring Results

Noise measurement results are separated from daytime (07:00 to 22:00) and night time (22:00 to 07:00) time frames respectively for NV-1. Noise measurements were carried out for one location on a 24-hour

basis. The survey results are summarized in Table 4-12. Compared with the guideline value of noise level prescribed in NEQG Guidelines, Myanmar 2015, all the results of NV-1 were under guideline values.

Vibration Level Measurement Results

Table 4-13 Results of Vibration Levels (L_{v10}) Survey at NV-1

Date	(Commercial and Industrial areas) Equivalent Vibration Level (L_{v10}, dB)			Evidences/ Analysis Results/ Photos
	Day Time (7:00 AM – 7:00 PM)	Evening Time (7:00 PM – 10:00 PM)	Night Time (10:00 PM – 7:00 AM)	
19 February 2026 – 20 February 2026	21	18	16	Annex-1
Target Value	70	65	65	

Note: Target value is applied to the vibration level during the operation stage in the EIA Report for Thilawa SEZ Development Project (Industrial Area of Zone B).
Source: Myanmar Koei International Ltd.

i. Brief explanation of Measurement Method

The vibration level meter, VM-53A (Rion Co. Ltd., Japan), accompanied by a 3-axis accelerometer PV-83C (Rion Co. Ltd.), was placed on solid soil ground. Vertical vibration (Z axis), L_v, was measured every 10 minutes within the adaptable range of (10-70) dB at NV-1 recorded to a memory card.

ii. Evaluation of the Monitoring Results

Vibration level results are separated from daytime (07:00 to 19:00), evening time (19:00 to 22:00) and nighttime (22:00 to 07:00) time frames respectively for NV-1. Vibration measurements were carried out for one location on a 24-hour basis. The results of vibration level (L_{v10}) monitoring at NV-1 is shown in Table 4-13. There is no guideline value for vibration level in Myanmar's NEQG as well as Southeast Asia and International organizations such as WHO and IFC. Therefore, the value of vibration level is compared with the target value of Thilawa Special Economic Zone B which is set based on the Japanese standard. By comparing with the target vibration level in operation stage in EIA report for Thilawa Special Economic Zone development project Zone B, all of results were below the target values.

4.7 OFFENSIVE ODORS

The Project's minor construction activities do not release offensive odors to the surrounding environment. The detailed description on the environmental monitoring for offensive odors is described in Table 4-14.

Table 4-14 Biannual Environmental Monitoring for Offensive Odor

Items	Description
Visual Checking	• Conducting a visual inspection for offensive odors at project site involves a systematic approach to identifying potential sources of unpleasant smells. During the monitoring period, no offensive odors were detected from the septic tank, restroom, or waste bin, as there were no construction activities taking place.
Buffer between project boundary and residential area	• Buffer between the project boundary and the residential area was prepared to protect the residents from nuisance issues related to noise as shown in Figure 4-6.
Complaints	• No complaint about offensive odors were made by the residents in the surrounding area during the monitoring period.

Source: Myanmar Koei International Ltd.

Visual Checking for Offensive Odor

Soil Water Way between Project Boundary

Source: KMIC

Figure 4-6 Buffers Between Project Boundary and Residential Area

4.8 TRAFFIC VOLUME

During the monitoring period, there were construction activities with few utilizations of construction vehicles. The detailed description on the environmental monitoring for traffic volume is described in Table 4-15.

Table 4-15 Biannual Environmental Monitoring for Traffic Volume

Items	Description
Vehicles Utilization and Maintenance	• There are few utilizations of heavy machineries/vehicles during the monitoring period as shown in Table 4-4, and the record of utilization of machineries/vehicles are mentioned in details in the monthly progress reports attached in Annex- 2.
Installation of Road Signs and Traffic Signals	• Road signs and traffic signals were installed along the way of project site, main road, crossroads, and approach roads.

Source: Myanmar Koei International Ltd.

Road Sign at Main Road

Source: KMIC

4.9 GROUND SUBSIDENCE

During the monitoring period, the project's construction activities did not contribute to ground subsidence. Thus, there were no ground subsidence related to construction activities recorded during this monitoring period.

4.10 LOCAL ECONOMY AND LIVELIHOOD

During the preliminary work, the project employs local labor, including the Managing Director, General Manager, Project Manager, QC Manager, Lead Civil Engineer, and other personnel, to support local livelihoods. The detailed record of local labor is shown in Table 4-16.

Table 4-16 Manpower Records at Construction Site

No.	Description	Manpower		
		December 2025	January 2026	February 2026
1.	Managing Director	30	30	28
2.	General Manager	31	30	28
3.	Project Manager	31	30	28
4.	QC Manager	31	30	28
5.	Lead Civil Engineer	30	30	28
6.	Staff	-	43	56
7.	Surveyors	38	-	-
8.	Workers	121	81	89
9.	Operator	33	94	112
10.	Car Driver	70	245	273
Total		**415**	**613**	**670**

Source: KMIC

4.11 LANDSCAPE AND GREENING

The detailed description on the environmental monitoring for landscape and greening is described in Table 4-17.

Table 4-17 Biannual Environmental Monitoring for Landscape and Greening

Items	Description
Buffer Zone between Structures and roads	• Buffer zone between the project structural buildings and the roads was prepared and covered with green areas. There are only three infrastructures at the KMIC construction site, such as: new project site office, temporary site office (half demolished), and security office. • All the project infrastructures conserve the native trees and/or are replanted with native species.
Greening areas in field office compounds	• When the construction starts again, the existing vegetation areas at the project site office, temporary site office, and security office will be modified.

Source: Myanmar Koei International Ltd.

Buffer Zone between Structures and Roads

Greening Area at Office Compound

Source: KMIC

Figure 4-7 Landscape and Greening

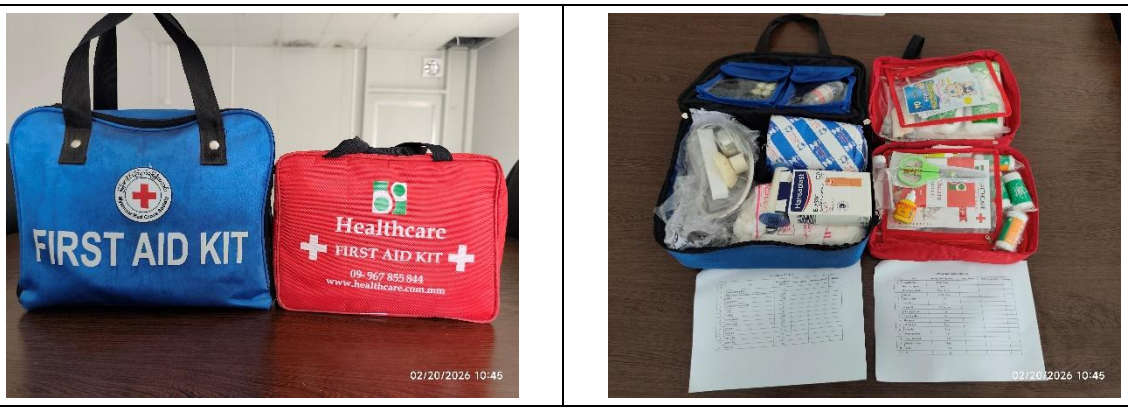
4.12 OCCUPATIONAL HEALTH AND SAFETY

The detailed description on environmental monitoring for occupational health and safety is described in Table 4-18.

Table 4-18 Biannual Environmental Monitoring for Occupational Health and Safety

Items	Description
Measures for accidents/incidents	• Regular safety audits and inspections were conducted to identify and mitigate risks on-site. Establishing clear safety protocols and emergency procedures will also facilitate quick responses to any incidents that may occur. These measures collectively contribute to a safer construction environment, reducing the likelihood of accidents and enhancing overall site safety.
Protective equipment (PPE)	• Personal Protective Equipment (PPE) such as safety helmet, footwear, googles and safety spectacles, gloves and protective clothing, other protective equipment were provided to the workers.
Providing first aid kits	• First aid kits were provided at the project site as shown in Figure 4-8.

Source: Myanmar Koei International Ltd.



First Aid Kits

Source: KMIC

Figure 4-8 First Aid Kits

4.13 COMMUNITY HEALTH AND SAFETY

The detailed description on the environmental monitoring for community health and safety is described in Table 4-19.

Table 4-19 Biannual Environmental Monitoring for Community Health and Safety

Items	Description
Project Infrastructure	• Construction of soil waterways was carried out during this reporting period to ensure proper drainage and effective runoff management, contributing to site stability and environmental protection. • Reinforced concrete pipes were installed to strengthen the drainage system and improve water flow control within the project area. • Soil laying for road construction was also undertaken to improve site accessibility and support transportation within the project site, as shown in Figure 4-9.
Life and Fire Safety	• The project site office is installed with fire extinguishers as shown in Figure 4-9.
Transport of Hazardous Materials	• Detail monitoring relating to hazardous materials is described in Section 4.4.
Disease Prevention	• Monthly safety training was provided to the workers relating to awareness of the prevention of communicable diseases and vector-borne diseases.
Emergency Preparedness and Response	• During the monitoring period, no emergency risks were raised. The detailed information relating to Emergency Preparedness and Response is mentioned in Section 4.15.

Source: Myanmar Koei International Ltd.

Soil Water Way at the Project Boundary

Fencing near the Project Office

Fire Extinguisher at Project Office

Provision of Waste Bin at Project Office

Source: KMIC

Figure 4-9 Community Health and Safety

4.14 SECURITY

During the monitoring period, two security guards were assigned, and the detail description on the environmental monitoring for security is described in Table 4-20.

Table 4-20 Biannual Environmental Monitoring for Security

Items	Description
Security Guard	• The current security guards at the KMIC site office take charge in observing, reporting, keeping good public relations, responding to emergencies, patrolling, traffic control, etc. • The security guard takes charge for main gate duties such as i) greeting and check-ins and outs of visitors and guests, ii) barrier checking of vehicles and occupants, and iii) ensuring the entrance of unauthorized people or products. • The security guard also carries out patrolling duties by i) checking premises at regular intervals, ii) conducting regular patrols, iii) reporting the findings, iv) alerting suspicious persons or vehicles, and v) detecting physical signs or evidence of potential hostile activity.
Security Procedures	• The security guard carries out his duties with the following components provided. - Transportation System: motorcycle - Security personnel: first aid kits, night sticks, emergency lights, security and safety signs, megaphone, whistles, flashlights, etc.,

Source: Myanmar Koei International Ltd.

Security Guard Patrolling around the Project Area

Source: KMIC

Figure 4-10 Security Guard Patrolling around the Project Area

4.15 EMERGENCY RISK

During the monitoring period, no emergency risks were raised, and the detailed description on the environmental monitoring for emergency risk is described in Table 4-21.

Table 4-21 Biannual Environmental Monitoring for Emergency Risk

Items	Description
Fire Safety	• The project site office is equipped with fire extinguishers as shown in Figure 4-11.

Source: Myanmar Koei International Ltd.

Provision of Fire Extinguishers

Source: KMIC

Figure 4-11 Emergency Risks (Fire Safety)

4.16 BIODIVERSITY

The detailed description on the environmental monitoring for biodiversity is described in Table 4-22.

Table 4-22 Biannual Environmental Monitoring for Biodiversity

Items	Description
Demarcation of project area	• Proper demarcation of project area that would be affected by construction works were made as shown in Figure 4-12.
Conserving Native Trees	• Native trees were conserved as shown in Figure 4-12.

Source: Myanmar Koei International Ltd.

Demarcation of Project Area

Conserving Native Trees

Source: KMIC

Figure 4-12 Biodiversity

CHAPTER 5: TRAINING AND CAPACITY BUILDING ACTIVITIES

The project manager and HSE officer have been instrumental in organizing capacity-building and awareness training for the construction workforce. Monthly basic awareness training on occupational health and safety is conducted to ensure that all workers are informed of best practices. Additionally, on-the-job training sessions are provided before workers engage in specific construction activities. KMIC also conducts routine inspections to ensure that safety standards are upheld throughout the construction process. These inspections complement the training efforts by reinforcing the importance of a safe working environment and addressing any issues that may arise on-site.

KMIC's Regular Inspection at Construction Site

Figure 5-1 On Site Checking and Site Inspection

CHAPTER 6: CORPORATE SOCIAL RESPONSIBILITY

During the monitoring period, there are no CSR activities and project activities.

CHAPTER 7: FINDINGS AND RECOMMENDATION

During the construction period from September 2025 to February 2026, several effective strategies and findings emerged regarding environmental monitoring and management practices. These suggestions aim to enhance compliance with safety regulations and minimize environmental impacts.

During the construction phase, the project proponent should maintain the above environmental monitoring activities, and follow the activities mentioned below once the construction activities are initiated.

- To set speed limit for construction vehicles to prevent dust dispersion
- To spray water upon the dry soil during the dry seasons to prevent dust dispersion
- To construct vehicles washing gates to prevent dust dispersion from the construction vehicles
- To cover the construction materials with a plastic cover
- To conduct regular maintenance for vehicles and machinery
- To utilize fuels with the lowest lead and/or phosphate content
- To follow the solid waste management plan for both hazardous and non-hazardous waste
- To prevent open burning construction waste
- To have waste record (for monitoring hazardous waste management)
- To secure funding for waste management
- To hire local workers in response to contribution for local economy and livelihood
- To warn the locals in advance of potential vehicle traffic during construction
- To conduct measurements for water quality, air quality, and noise and vibration level by following NEQG

ANNEX – 1 ENVIRONMENTAL MONITORING REPORT

ENVIRONMENTAL MONITORING REPORT FOR KOREA-MYANMAR INDUSTRIAL COMPLEX (KMIC) DEVELOPMENT PROJECT IN NYAUNG HNITPIN AREA IN HLEGU TOWNSHIP, YANGON REGION

February 2026

Myanmar Koei International Ltd.

MYANMAR KOEI INTERNATIONAL LTD.
Consulting Engineers

Document Certification

Air Quality and Noise and Vibration Level Monitoring Report for Korea-Myanmar Industrial Complex (KMIC) Development Project in Nyaung Hnitpin Area in Hlegu Township was prepared by MYANMAR KOEI INTERNATIONAL LIMITED. The undersigned hereby certify that the monitoring data presented in this report has been accurately obtained and validated under the prevailing environmental conditions at the time of monitoring.

MYANMAR KOEI INTERNATIONAL LIMITED

Signature	:	
Name	:	Khin Maung Thane
Designation	:	Technical Advisor
EIA License No.	:	EIA-AC 090/2024

TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

LIST OF ABBREVIATIONS

Abbreviation	Meaning
AQ	Air Quality
DUHD	Department of Urban and Housing Development
EIA	Environmental Impact Assessment
IFC	International Finance Corporation
KMIC	Korea-Myanmar Industrial Complex
LH	Korea Land and Housing Corporation
MIC	Myanmar Investment Commission
MOC	Ministry of Construction
NEQG	National Environmental Quality (Emission) Guideline
NO_2	Nitrogen Dioxide
NV	Noise and Vibration
O_3	Ozone
$PM_{2.5}$	Particulate Matter (≤2.5 μm)
PM_{10}	Particulate Matter (≤10 μm)
SEZ	Special Economic Zone
SO_2	Sulfur Dioxide
U.S. EPA	United States Environmental Protection Agency
WHO	World Health Organization

CHAPTER 1: OUTLINES AND SUMMARY OF MONITORING PLAN

1.1 General

The Korea-Myanmar Industrial Complex (KMIC) Development Co., Ltd. is a joint venture between the Department of Urban and Housing Development (DUHD) under the Ministry of Construction (MOC), Myanmar and the Korea Land and Housing Corporation (LH). This KMIC project is being implemented as an industrial complex, and it was approved by Myanmar Investment Commission (MIC). The project is planned to construct factories and warehouses for garment products, food manufacturing, jewelry processing, vehicle spare parts, electronic parts installation, etc. It is located adjacent to the Nyaung Hnitpin Livestock and Agricultural Zone No.3 in Hlegu township, approximately 40 km north of Yangon, Port, 25 kilometers from Yangon International Airport, 35 kilometers from Hantharwaddy Airport project site (Bago Region), and 9 kilometers from the Yangon-Mandalay Expressway. This project site is 555.81 acres (2,249,288 square meter) wide flat land. KMIC has implemented monitoring of various environmental items with the specified time frame to know the environmental conditions in and around the area. The locations of the environmental monitoring are described in Table 1.1-1.

Table 1.1-1 Project Description

Item	Description
Name of Project Proponent	Korea-Myanmar Industrial Complex (KMIC) Development Co., Ltd.
Project Location	Near Nyaung Hnit Pin Livestock and Agricultural Zone No. 3 in Hlegu Township
Total Project Area	555.81 acres (2,249,288 square meter)
Contact Person	Name: Ms. Su Sandy Htun Position: Civil Engineering
Email and telephone	sstsusandytun@gmail.com +959 750393343

Source: Myanmar Koei International Ltd.

1.2 Outlines of Monitoring Plan

According to the environmental conditions under the operation of the industrial area in and around KMIC Development Co., Ltd., air quality and noise and vibration level were monitored from 19th February to 20th February 2026 as follows:

Table 1.2-1 Outline of the Field Survey

Air Quality	Survey Parameter	1) NO_2, 2) $PM_{2.5}$, 3) PM_{10}, 4) Ozone, 5) SO_2, 6) Wind Speed and 7) Wind Direction
	Survey Period	19th February – 20th February 2026
	Number of Survey	At one point and 24 consecutive hours for one Day
	Location	1 Point (near the project area)
Noise Level	Survey Parameter	LA_{eq}(dB)
	Survey Period	19th February – 20th February 2026
	Number of Survey	At one point and 24 consecutive hours for one Day
	Location	1 Point (near the project area)
Vibration Level	Survey Parameter	L_{v10} (dB)
	Survey Period	19th February – 20th February 2026
	Number of Survey	At one point and 24 consecutive hours for one Day
	Location	1 Point (near the project area)

Source: Myanmar Koei International Ltd.

CHAPTER 2: FIELD SURVEY

2.1 Air Quality

The survey of air quality, AQ-1, has been monitored near the project area. Air quality and meteorology survey has been conducted for 24 hours continuously to know the current air quality of the project area. Table 2.1-1 shows the outline of the air quality field survey.

Table 2.1-1 Outlines of Air Quality Field Survey

Survey Period	Survey Item	Parameters	Number of Point	Duration	Survey Methodology
19 February – 20 February, 2026	Air Quality	NO_2, $PM_{2.5}$, PM_{10}, Ozone, SO_2, Wind Speed and Wind Direction	1 point (AQ-1)	24 hours	On site measurement by Oceanus AQM-09 Air Quality Monitoring System

Source: Myanmar Koei International Ltd.

2.1.1 Survey Items

The parameters for air quality survey were NO_2, $PM_{2.5}$, PM_{10}, Ozone, SO_2 and the parameters for meteorology survey were wind speed and wind direction.

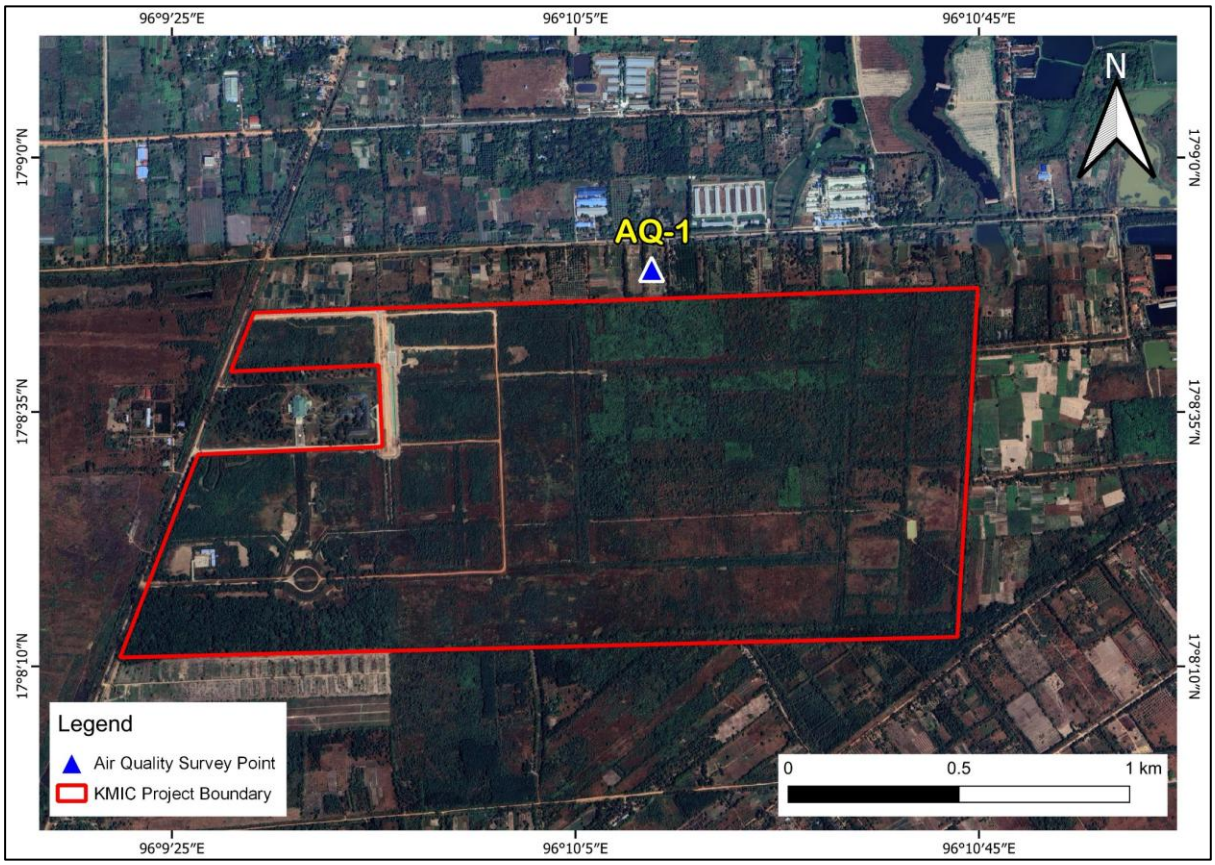
2.1.2 Survey Location

The location of air quality survey point is shown in Table 2.1-2. The details of the survey point are described below. The location of the air quality survey point is shown in Figure 2.1-1.

Table 2.1-2 Location of Air Quality Field Survey

Survey Point	Coordinates	Description of Survey Point
AQ-1	N: 17°8'48.93", E: 96°10'12.93"	Close to the northern boundary of the project site

Source: Myanmar Koei International Ltd.



Source: Google Earth

Figure 2.1-1 Location of Air Quality Survey at AQ-1

AQ-1

AQ 1 is located at farmland, which is adjacent to the northern boundary of the project site. It is distanced about 90m from the project boundary and is bounded by farmland in north, east and west as well as project site in the south. The nearest residential area from AQ-1 is Takutone village located about 1.2 km northwest. The surrounding topography is flat and the elevation at AQ-1 is about 15m (MSL). The vegetation cover of the surrounding area is shrubland. There is a local (concrete) access road with low traffic, about 100m from AQ-1.

2.1.3 Survey Period

Air quality and meteorology survey were conducted 24 hours from 19th February to 20th February 2026.

2.1.4 Survey Method

Survey of meteorology and air quality (NO_2, SO_2, $PM_{2.5}$, PM_{10} and Ozone) were conducted by referring to the recommendation of the United States Environmental Protection Agency (U.S. EPA). The Oceanus AQM-09 Air Quality Monitoring System was used to collect ambient air pollutants. The system measures automatically every one minute and directly reads and records onsite for NO_2, SO_2, $PM_{2.5}$, PM_{10} and Ozone. The equipment of meteorological and air quality surveys is shown in Figure 2.1-2.

Source: Myanmar Koei International Ltd.

Figure 2.1-2 Status of Air Quality Monitoring

2.1.5 Survey Results

The daily average value of air quality monitoring results of NO_2, $PM_{2.5}$, PM_{10}, Ozone and SO_2 are described in Table 2.1-3. Compared with the guideline values of NO_2, $PM_{2.5}$, PM_{10}, Ozone and SO_2 prescribed in the National Environmental Quality (Emission) Guidelines (NEQG) (referred to Section 1.1, Air Emissions), 1-hour maximum concentration of NO_2, 24-hour average concentration of Particulate Matter ($PM_{2.5}$), (PM_{10}) and SO_2 were lower than the guideline value. 8-hour maximum concentration of Ozone construction is lower than the guideline value.

Average hourly value of measured air quality data is described in Appendix-1.

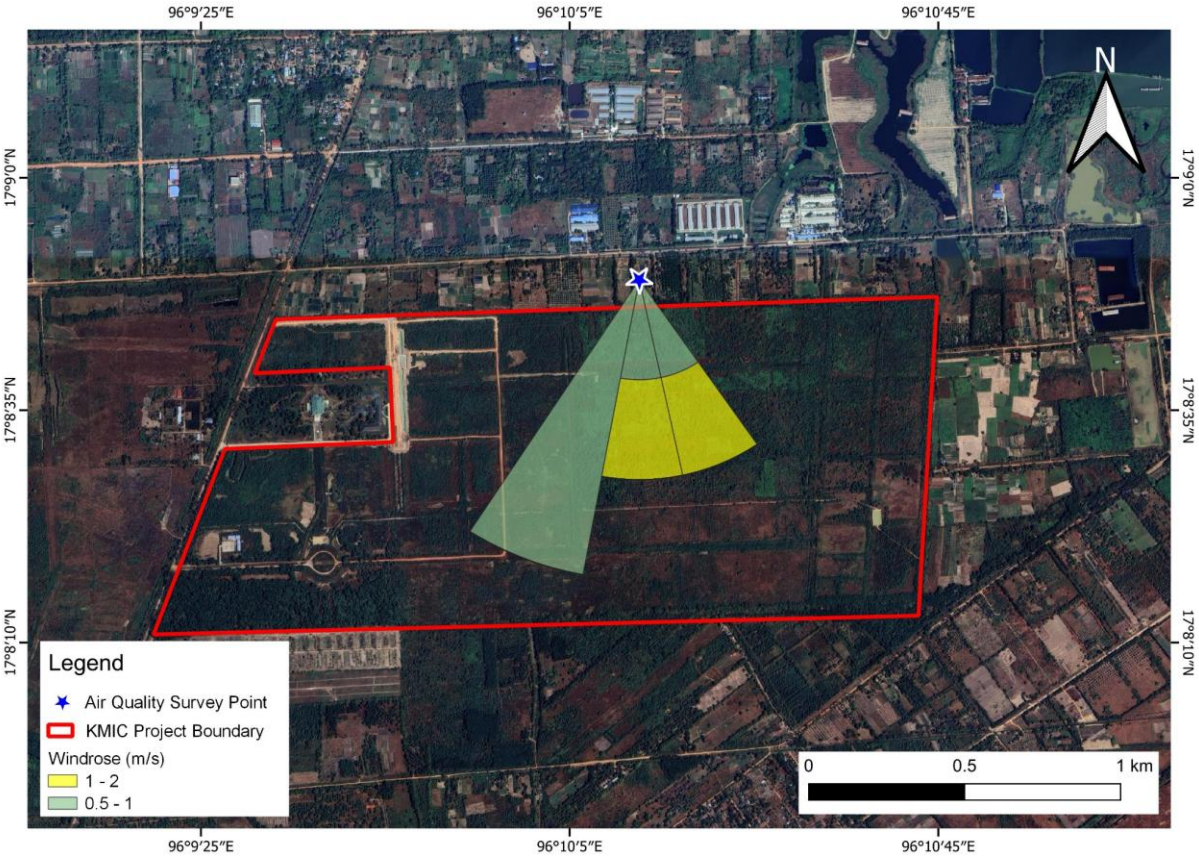
Table 2.1-3 Air Quality Survey Result (Daily Average)

Date 19 February ~ 20 February, 2026	**NO_2**	**$PM_{2.5}$**	**PM_{10}**	**O_3**	**SO_2**
	µg/m³	**µg/m³**	**µg/m³**	**µg/m³**	**µg/m³**
Monitoring Result	45.956* (1-hour)	23.388 (24-hour)	31.082 (24-hour)	(59.229 ~ 92.558) (8-hour)	18.428* (24-hour)
NEQG Guideline Value	200 (1-hour)	25 (24-hour)	50 (24-hour)	100 (8-hour)	20 (24-hour)

Note: 1) NEQG- National Environmental Quality Emission Guideline, Myanmar (Dec 2015)
2) The value of NO_2, O_3 and SO_2 were converted to µg/m³ units from ppb.
* 1-hr maximum duration for NO_2 concentrations is from 19:00 to 20:00 on 19 February 2026.
* 8-hr maximum duration for Ozone concentrations is from 14:00 to 21:00 on 19 February 2026.
Source: Myanmar Koei International Ltd.

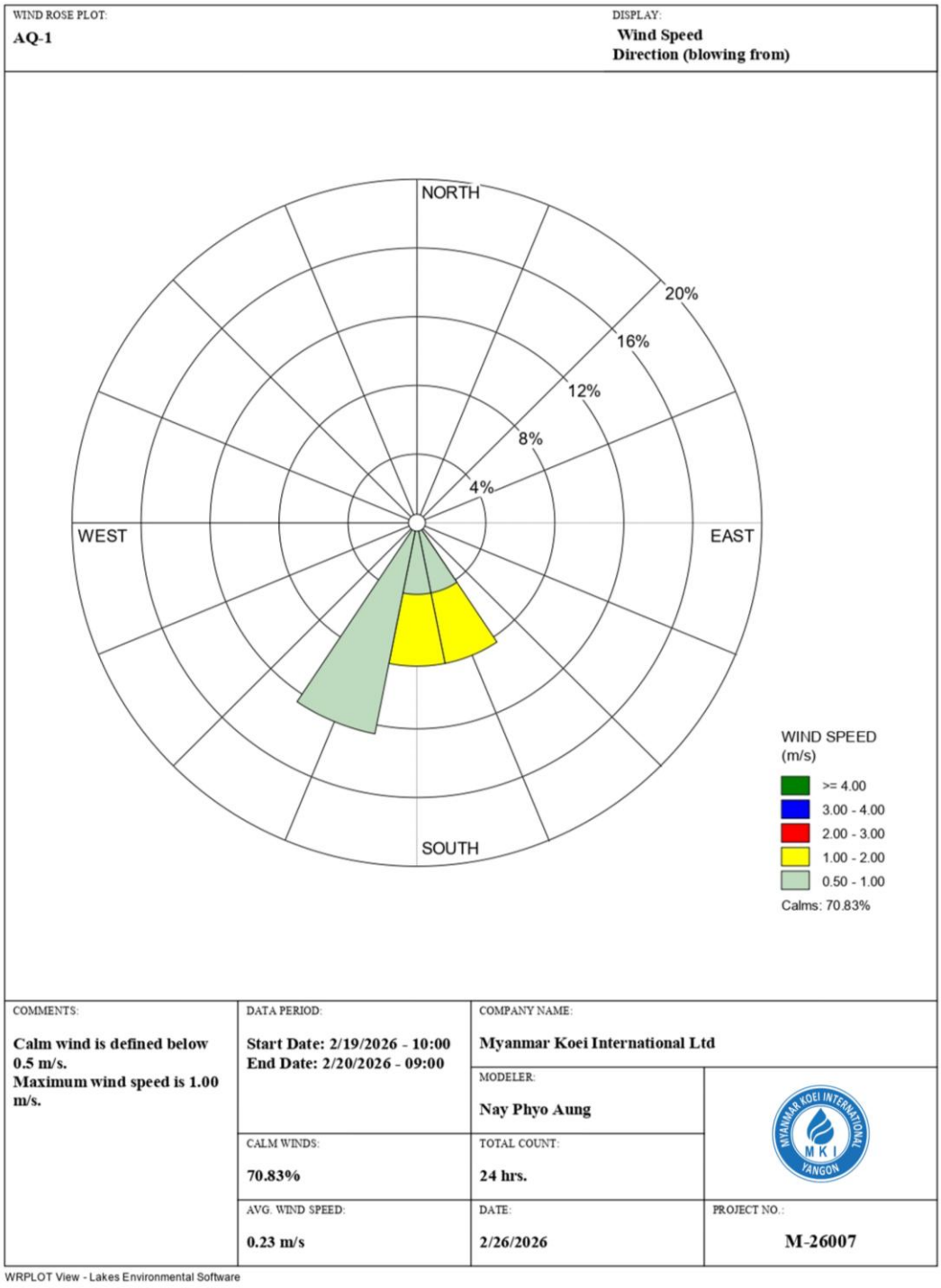
Wind direction and wind speed were measured at AQ-1. Hourly average values of measured wind direction and wind speed data are described in Appendix-1. Status of air quality monitoring point and wind direction are described in Figure 2.1-3. According to the wind data analysis, the prevailing wind direction during monitoring was South-South-West (SSW) and the least frequency wind direction were South (S) and South-South-East (SSE). During the monitoring period, while the maximum wind speed was 1.00 m/s, the average speed was 0.23 m/s. The calm wind is 70.83%, whereas the calm wind is defined below 0.5 m/s. As the average wind speed is lower than the defined calm wind, it is assumed that the wind was calm during the monitoring period.

During air quality monitoring, the operating activities of KMIC project are land leveling, land grading and transportation of excavated soil.



Source: Google Earth

Figure 2.1-3 Wind Status at AQ-1



Source: Myanmar Koei International Ltd

Figure 2.1-4 Wind Rose Diagram of AQ-1

2.2 Noise and Vibration Level

Noise and vibration level survey has been conducted for 24 hours to know the noise and vibration level near the KMIC project. Table 2.2-1 shows the outline of the noise and vibration level survey.

Table 2.2-1 Outlines of Noise and Vibration Level Survey

Survey Date	Survey Item	Parameters	Number of Points	Duration	Survey Methodology
19 February – 20 February, 2026	Noise Level	L_{Aeq}(dB)	1 (NV-1)	24 hours	On-site measurement by "Rion NL-42 sound level meter"
19 February – 20 February, 2026	Vibration Level	L_{v10} (dB)	1 (NV-1)	24 hours	On-site measurement by "Vibration Level Meter- VM-53A"

Source: Myanmar Koei International Ltd

2.2.1 Survey Items

The noise and vibration level survey items are shown in Table 2.2-2.

Table 2.2-2 Survey Parameters for Noise and Vibration Level

No.	Item	Parameter
1	Noise	A-weighted loudness equivalent (L_{Aeq})
2	Vibration	Vibration level, vertical, percentile (L_{V10})

Source: Myanmar Koei International Ltd.

2.2.2 Survey Location

The location of noise and vibration level point is shown in Table 2.2-3. The details of survey point is described below. The location of the noise and vibration survey point is shown in Figure 2.2-1.

Table 2.2-3 Location of Noise and Vibration Survey Station

Survey Point	Coordinates	Description of Survey Point
NV-1	N: 17°8'48.93", E: 96°10'12.93"	Close to the northern boundary of the project site

Source: Myanmar Koei International Ltd.

Source: Google Earth

Figure 2.2-1 Location of Noise and Vibration Level Survey Points

NV-1

NV-1 is located at farmland, which is adjacent to the northern boundary of the project site. It is distanced about 90m from the project boundary and is bounded by farmland in north, east and west as well as project site in the south. The nearest residential area from NV-1 is Takutone village located about 1.2 km northwest. The surrounding topography is flat and the elevation at NV-1 is about 15m (MSL). The vegetation cover of the surrounding area is shrubland. There is a local (concrete) access road with low traffic, about 100m from NV-1.

2.2.3 Survey Period

Noise and vibration level survey were conducted 24 hours from 19th February to 20th February 2026.

2.2.4 Survey Method

Noise level was measured by "Rion NL-42 sound level meter" and automatically recorded every 10 minutes on a memory card. The vibration level meter, VM-53A (Rion Co. Ltd., Japan), accompanied by a 3-axis accelerometer PV-83C (Rion Co. Ltd.), was placed on solid soil ground. Vertical vibration (Z axis), L_v, was measured every 10 minutes within the adaptable range of (10-70) dB at NV-1 recorded to a memory card. The measurement period of noise and vibration was 24 hours for survey point. The status of the noise and vibration level survey on NV-1 is shown in Figure 2.2-2.

Source: Myanmar Koei International Ltd.

Figure 2.2-2 Status of Noise and Vibration Level Survey

2.2.5 Survey Result

Noise Measurement Results

Noise measurement results are separated from daytime (07:00 to 22:00) and night time (22:00 to 07:00) time frames respectively for NV-1. Noise measurements were carried out for one location on a 24-hour basis. The survey results are summarized in Table 2.2-4. Hourly noise level survey results for NV-1 are shown in Table 2.2-5. Figure 2.2-3 showed the results of noise level (LA_{eq}) at NV-1. Comparing with the guideline value of noise level prescribed in NEQG Guidelines, Myanmar 2015, all the results of NV-1 were under the guideline values.

Table 2.2-4 Results of Noise Levels (LA_{eq}) Survey at NV-1

Date	(Industrial, Commercial) Equivalent Noise Level (LA_{eq}, dB)	
	Day Time (7:00 AM – 10:00 PM)	Night Time (10:00 PM – 7:00 AM)
19 February 2026 - 20 February 2026	49	43
NEQG Guideline value	70	70

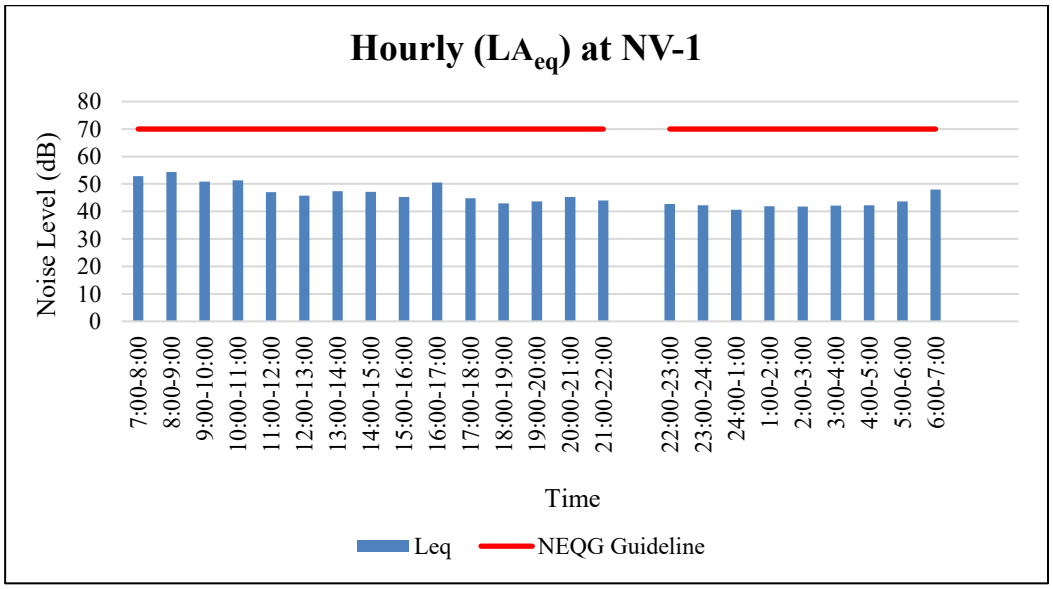
Note: Target value is applied to the noise level in the NEQG Guideline (Dec 2015), Myanmar

Source: Myanmar Koei International Ltd.

Table 2.2-5 Hourly Noise Level (LA_{eq}) Survey Results at NV-1

Date	Time	Hourly Result (LA_{eq}, dB)	Interval Result (LA_{eq}, dB)	Target Value (LA_{eq}, dB)
19 February – 20 February 2026	7:00-8:00	53	49	70
	8:00:9:00	54		
	9:00-10:00	51		
	10:00-11:00	51		
	11:00-12:00	47		
	12:00-13:00	46		
	13:00-14:00	47		
	14:00-15:00	47		
	15:00-16:00	45		
	16:00-17:00	50		
	17:00-18:00	45		
	18:00-19:00	43		
	19:00-20:00	44		
	20:00-21:00	45		
	21:00-22:00	44		
	22:00-23:00	43	43	70
	23:00-24:00	42		
	24:00-1:00	41		
	1:00-2:00	42		
	2:00-3:00	42		
	3:00-4:00	42		
	4:00-5:00	42		
	5:00-6:00	44		
	6:00-7:00	48		

Source: Myanmar Koei International Ltd.



Source: Myanmar Koei International Ltd.

Figure 2.2-3 Results of Noise Levels (LA_{eq}) Survey at NV-1

Vibration Measurement Results

Vibration monitoring results are separated from daytime (07:00 to 19:00), evening time (19:00 to 22:00) and night time (22:00 to 07:00) time frames respectively for NV-1. Vibration measurements were carried out for one location on a 24-hour basis. The results of vibration level (L_{v10}) monitoring at NV-1 are shown in Table 2.2-6. Results of hourly vibration level survey for NV-1 are summarized in Table 2.2-7. There is no guideline value for vibration level in Myanmar's NEQG as well as Southeast Asia and International organizations such as WHO and IFC. Therefore, the value of vibration level is compared with the target value of Thilawa Special Economic Zone B which is set based on the Japanese standard. By comparing with the target vibration level in operation stage in EIA report for Thilawa Special Economic Zone development project Zone B, all of results were below the target values.

Table 2.2-6 Results of Vibration Levels (L_{v10}) Survey at NV-1

Date	(Commercial and Industrial areas) Equivalent Vibration Level (L_{v10}, dB)		
	Day Time (7:00 AM – 7:00 PM)	Evening Time (7:00 PM – 10:00 PM)	Night Time (10:00 PM – 7:00 AM)
19 February 2026 - 20 February 2026	21	18	16
Target Value	70	65	65

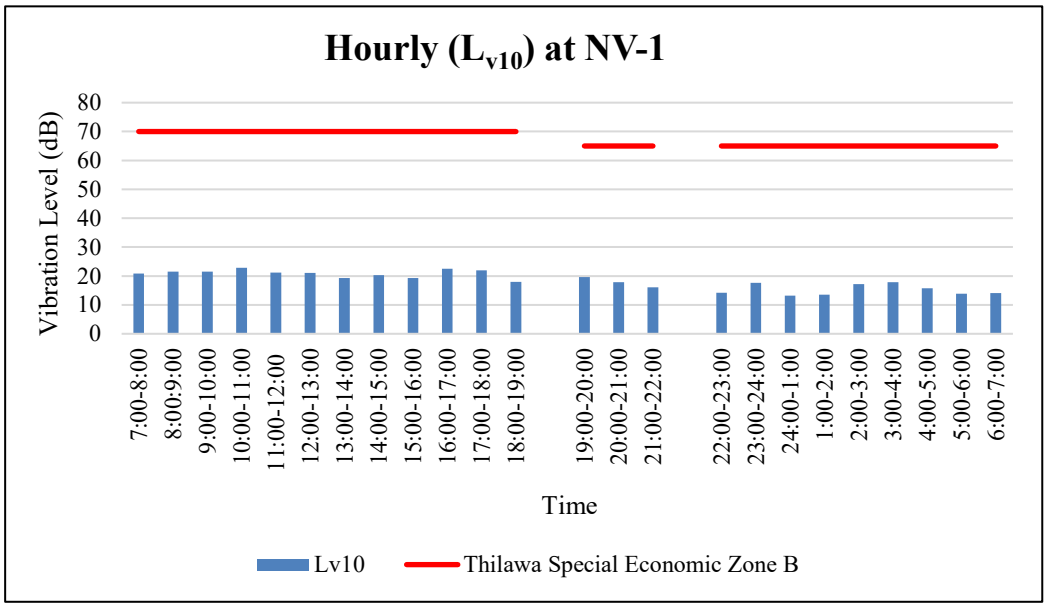
Note: Target value is applied to the vibration level during the operation stage in the EIA Report for Thilawa SEZ Development Project (Industrial Area of Zone B).

Source: Myanmar Koei International Ltd.

Table 2.2-7 Results of Hourly Vibration Levels (L_{v10}) Survey at NV-1

Date	Time	Hourly Result (L_{v10}, dB)	Interval Result (L_{v10}, dB)	Target Value (L_{v10}, dB)
19 February – 20 February 2026	7:00-8:00	21	21	70
	8:00:9:00	21		
	9:00-10:00	22		
	10:00-11:00	23		
	11:00-12:00	21		
	12:00-13:00	21		
	13:00-14:00	19		
	14:00-15:00	20		
	15:00-16:00	19		
	16:00-17:00	22		
	17:00-18:00	22		
	18:00-19:00	18		
	19:00-20:00	20	18	65
	20:00-21:00	18		
	21:00-22:00	16		
	22:00-23:00	14	16	65
	23:00-24:00	18		
	24:00-1:00	13		
	1:00-2:00	14		
	2:00-3:00	17		
	3:00-4:00	18		
	4:00-5:00	16		
	5:00-6:00	14		
	6:00-7:00	14		

Source: Myanmar Koei International Ltd.



Source: Myanmar Koei International Ltd.

Figure 2.2-4 Results of Vibration Levels (L_{v10}) Survey at NV-1

CHAPTER 3: CONCLUSION AND RECOMMENDATIONS

Air Quality

The results of the one-day average air quality of NO2, PM2.5, PM10, SO_2 and Ozone are below the NEQG guideline value at AQ-1. Thus, it can be considered that there is no impact on the operating activities of the KMIC project on the surrounding environment.

Noise and Vibration Level

The results of noise and vibration level for NV-1 are lower than the NEQG guideline value and target value. Thus, there are no impacts from the operating activities of KMIC project to the surrounding environment.

In conclusion, of this environmental survey, periodical monitoring will be necessary to grasp the surrounding environmental conditions and to show the compliance status in the operation phase of the KMIC project. Once enough environmental data is collected, mitigation measures for environmental management will be considered in the future, as necessary.

ပြည်ထောင်စုသမ္မတမြန်မာနိုင်ငံတော်အစိုးရ

The Government of the Republic of the Union of Myanmar

သယံဇာတနှင့် သဘာဝပတ်ဝန်းကျင်ထိန်းသိမ်းရေးဝန်ကြီးဌာန

Ministry of Natural Resources and Environmental Conservation

ပတ်ဝန်းကျင်ထိန်းသိမ်းရေးဦးစီးဌာန

Environmental Conservation Department

ပတ်ဝန်းကျင်ထိခိုက်မှုဆန်းစစ်ခြင်းဆိုင်ရာလုပ်ငန်းလိုင်စင် (ပုဂ္ဂိုလ်)

Environmental Impact Assessment License (Individual)

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It is hereby issued that **U Khin Maung Thane, 12/YaKaNa(N)061981** has fulfilled the requirements for obtaining an Environmental Impact Assessment License to conduct as an **Associate Consultant** under the Licensing Procedure for the Third Persons or Organizations Undertaking Initial Environmental Examination and Environmental Impact Assessment, approved by the Ministry of Natural Resources and Environmental Conservation.

လေ့လာဆန်းစစ်ခွင့်ရှိသည့် ကျွမ်းကျင်မှုနယ်ပယ်များမှာ အောက်ပါအတိုင်းဖြစ်သည်-

The areas of expertise, eligible to be conducted, are as follows:

1. **အထွေထွေပတ်ဝန်းကျင်စီမံခန့်ခွဲခြင်း (General Environmental Management)**
2.
3.
4.
5.

လိုင်စင်နံပါတ် License Number	: EIA-AC 090/2024
ထုတ်ပေးသည့် ရက်စွဲ Date of Issue	: 30-4-2024
ကုန်ဆုံးသည့် ရက်စွဲ Date of Expiry	: 29-4-2027

(သိန်းတိုး)

ညွှန်ကြားရေးမှူးချုပ်

APPENDIX-1 HOURLY AIR QUALITY RESULTS

AQ-1

Date	Time	NO_2	$PM_{2.5}$	PM_{10}	O_3	SO_2	Wind Speed	Wind Direction	
		µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	kph	Deg.	Direction
		Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly
19 Feb, 2026	11:00 ~ 11:59	18.783	14.467	19.600	87.139	19.523	0.98	159	SSE
19 Feb, 2026	12:00 ~ 12:59	19.347	10.033	14.433	43.426	22.934	1.00	169	SSE
19 Feb, 2026	13:00 ~ 13:59	18.971	9.217	13.550	54.272	22.354	0.87	159	SSE
19 Feb, 2026	14:00 ~ 14:59	19.786	7.783	12.650	76.316	18.668	0.70	175	S
19 Feb, 2026	15:00 ~ 15:59	18.657	8.000	12.933	84.810	15.972	0.52	201	SSW
19 Feb, 2026	16:00 ~ 16:59	13.110	12.650	19.533	105.191	8.045	0.25	295	WNW
19 Feb, 2026	17:00 ~ 17:59	12.392	11.283	17.867	106.830	7.905	0.03	256	WSW
19 Feb, 2026	18:00 ~ 18:59	34.975	15.117	22.600	106.094	12.573	0.00	169	S
19 Feb, 2026	19:00 ~ 19:59	45.956	23.833	31.367	98.712	16.840	0.00	169	S
19 Feb, 2026	20:00 ~ 20:59	40.130	23.083	31.200	77.399	18.410	0.00	170	S
19 Feb, 2026	21:00 ~ 21:59	35.420	27.433	37.683	85.111	21.058	0.00	170	S
19 Feb, 2026	22:00 ~ 22:59	27.694	36.967	46.700	73.633	20.491	0.00	171	S
19 Feb, 2026	23:00 ~ 23:59	25.324	37.667	45.967	68.574	21.045	0.00	171	S
20 Feb, 2026	0:00 ~ 0:59	23.191	37.933	46.650	62.560	19.139	0.00	172	S
20 Feb, 2026	1:00 ~ 1:59	21.285	32.750	40.033	61.657	19.558	0.01	176	S
20 Feb, 2026	2:00 ~ 2:59	17.535	28.283	35.883	55.957	19.915	0.00	176	S
20 Feb, 2026	3:00 ~ 3:59	16.578	27.683	34.700	58.382	20.086	0.00	176	S
20 Feb, 2026	4:00 ~ 4:59	12.677	20.817	29.233	50.945	20.339	0.00	176	S
20 Feb, 2026	5:00 ~ 5:59	19.146	22.067	30.133	62.210	20.404	0.03	176	S
20 Feb, 2026	6:00 ~ 6:59	16.183	23.800	31.200	54.734	20.487	0.00	176	S
20 Feb, 2026	7:00 ~ 7:59	24.176	33.358	43.225	67.387	20.121	0.03	176	S
20 Feb, 2026	8:00 ~ 8:59	26.249	39.400	49.867	94.760	19.833	0.15	170	S
20 Feb, 2026	9:00 ~ 9:59	8.284	34.233	45.517	98.359	19.135	0.69	207	SSW
20 Feb, 2026	10:00 ~ 10:59	8.404	23.450	33.433	92.555	17.433	0.77	194	SSW

Max	45.956	39.400	49.867	106.830	22.934
Avg	21.844	23.388	31.082	76.126	18.428
Min	8.284	7.783	12.650	43.426	7.905

8-hr Ozone Results

Date	Time			O_3 (8-hr)
				mg/m^3
19 Feb, 2026	11:00	~	18:59	83.01
19 Feb, 2026	12:00	~	19:59	84.46
19 Feb, 2026	13:00	~	20:59	88.70
19 Feb, 2026	14:00	~	21:59	92.56
19 Feb, 2026	15:00	~	22:59	92.22
19 Feb, 2026	16:00	~	23:59	90.19
19 Feb, 2026	17:00	~	0:59	84.86
19 Feb, 2026	18:00	~	1:59	79.22
19 Feb, 2026	19:00	~	2:59	72.95
19 Feb, 2026	20:00	~	3:59	67.91
19 Feb, 2026	21:00	~	4:59	64.60
19 Feb, 2026	22:00	~	5:59	61.74
19 Feb, 2026	23:00	~	6:59	59.38
20 Feb, 2026	0:00	~	7:59	59.23
20 Feb, 2026	1:00	~	8:59	63.25
20 Feb, 2026	2:00	~	9:59	67.84
20 Feb, 2026	3:00	~	10:59	72.42

Max	92.56
Min	59.23

APPENDIX-2 CERTIFICATE OF CALIBRATION (Air Quality)

Calibrate report

Product	Air Quality Monitoring System	**Model**	AQM-09
Quantity	1pcs	**Cali date**	January,15, 2026
Product No.	OC202501140420007		
Appearance	☑Clean ☑Non corrosive ☑No damage		
Gas type	O_3:ppb NO_2:ppb SO_2:ppb CO:ppm CO_2: ppm VOC: ppm PM2.5:ug/m³ PM10:ug/m³ TSP:ug/m³ Wind veloci: m/s Wind direct: ° Atmospheric : hpa Temperature and humidity: ℃/%RH		
Accuracy	±3%F.S		
resolution	1ug/m³ 1ppb 0.1ppm 1ppm		
Response time	≤30S		
Survey range	O_3:0-2000ppb NO_2:0-2000ppb SO_2:0-2000ppb CO:0-200.0ppm CO_2:0-5000ppm VOC:0-50.0ppm PM2.5:0-1000ug/m³ PM10:0-1000ug/m³ TSP : 0-1000ug/m³ Wind veloci: 0-30.0m/s Wind direct: 0-360° Humidity:0%-100%RH Atmospheric :600-1100 hpa Temperature: -20.0-50.0℃		
Signal output mode	4G LTE		
Power supply voltage	AC220V/50Hz		
Power dissipation	≤ 30W		
Working temperature and humidity range	-20.0℃-50.0℃ / 0%RH-100%RH		
Testing condition indoor	Temperature: 15℃ Humidity: 55%RH		
Calibration gas	NO_2 SO_2 O_3 CO CO_2 C_4H_8		
Cali gas test	1.O_3: Cali gas concentration:1500 ppb Inspect concentration: 1499 ppb 2.NO_2: Cali gas concentration:1830 ppb Inspect concentration: 1830 ppb 3.SO_2: Cali gas concentration:1480 ppb Inspect concentration: 1479 ppb 4.CO: Cali gas concentration: 12.0 ppm Inspect concentration: 11.9 ppm 5.CO_2: Cali gas concentration: 4000 ppm Inspect concentration: 3999 ppm 6.C_4H_8: Cali gas concentration: 48.0 ppm Inspect concentration: 49.9 ppm 7.PM2.5:Measured value: 30 ug/m³ 8.PM10:Measured value: 36 ug/m³ 9.TSP:Measured value: 39 ug/m³ 10.Wind direct: Measured value: 201° 11.Wind veloci :Measured value: 3.4m/s 12.Atmospheric :Measured value: 1013 hpa 13.Temperature: Measured value: 21.7 ℃ 14.Humidity:Measured value: 45 %RH		
Test result	**Qualified**		
Remark			

QC PASS 01

Quality judgment

Date:January,15, 2026

Tester:Jing Huang

OQC:Ying Liu

Auditor:Yan Hui Wang

ANNEX – 2 CONTRACTOR'S MONTHLY PROGRESS REPORT

2nd Preliminary Works For 1st Phase of KMIC

December 2025 Monthly Progress Report

2026.01.15

Submitted by

ATY Construction Co., Ltd.

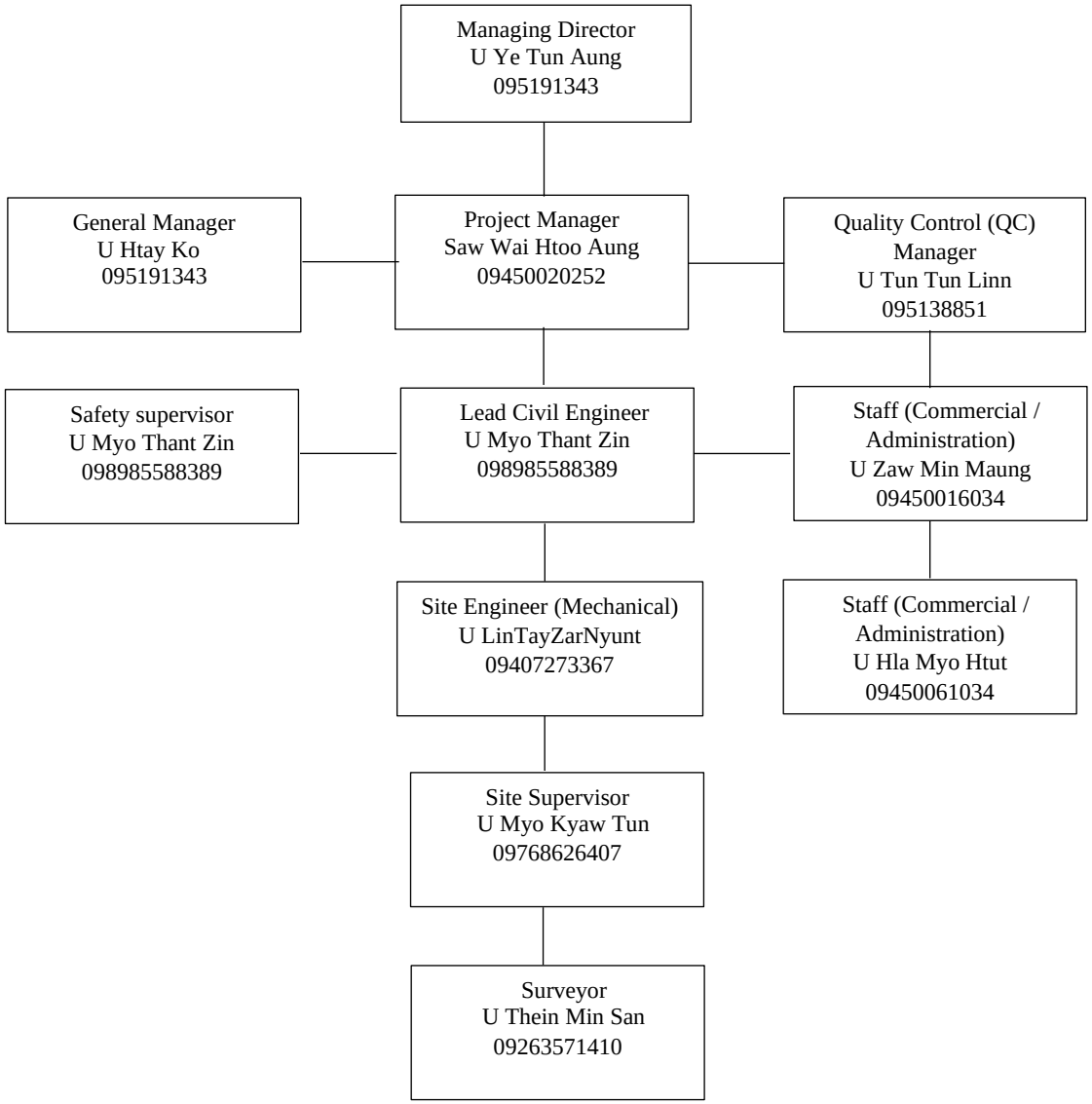
Contents

1. Project Summary

1) Project Contract Summary

Project name	2nd Preliminary Works For 1st Phase of KMIC(KMIC-PDD-10)
Location	Nyaung HnitPin, Hlegu Township (24 km from Yangon International Airport)
Type of project	Industrial complex site development work
Project overview	Common Work (Cutting Soil) 72 m^3 Embankment 72 m^3 Reinforced Concrete Pipe 56 m Soil water way(Cutting Soil) 394 m^3 Site Clearance 16,600 m^2 Civil Work (Cutting, Transport & Compaction) 32,874 m^3 Road & Pavement 2,037 m^3
Contractor	ATY Construction Co., Ltd
Commencement date	1st Dec, 2025
Completion date	30th Apr, 2026 (5 months) from the commencement date
Contract Amount	MMK 1086,000,000 (including commercial Tax)

2) Organization Chart



No.	Participants	Positions	Remark	Contact Phone Number	Remark
1	U Ye Tun Aung	Managing Director	Project Director	095125025	
2	U Htay Ko	General Manager	Assistant Project Director	095191343	
3	Saw Wai Htoo Aung	Project Engineer	Project Manager	09450020252	
4	U Tun Tun Lin	Project Engineer	Quality Control (QC) Manager	095138851	
5	U Myo Thant Zin	Senior Site Engineer	Lead Civil Engineer/ Safety, Health, & Environment (HSE)	098985588389	
6	U LinTayZarNyunt	Site Engineer (Mechanical)	Site Engineer (Mechanical)	09407273367	
7	U Zaw Min Maung	Staff	Commercial / Administration	09450016034	
8	U Hla Myo Htut	Staff	Commercial / Administration	09450061034	
9	U Myo Kyaw Tun	Staff	Site Supervisors / Foremen	09768626407	
10	U Thein Min San	Surveyor	Technical Staff & Surveyor	09263571410	

2. Project Progressing Status

1) Status

a. Major Performance Status and Plan

Classification	This month major performance status (2025.12.01~2025.12.31)	Next month major performance plan (2026.01.01~2026.01.31)
1. Field Management	Diversion Water Way	Diversion Water Way
2. Site Clearance	Site Clearance	-
3. Earth works	Earth Work	Earth Work
4. Road and Pavement (Sub-Base)	N/A	N/A

b. Project Progressing Status

Schedule	This Month %	Total %
3.82 %	**4.79 %**	**4.79 %**

Classification	Contract Amount	Previous		This month		To date		Balance of work	
		Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate
1. Field Management	19,430,705	-	0%	175,039	0.90%	175,039	0.90%	19,255,666	99.10%
2. Qualification tests	55,850,734	-	0%	537,996	0.96%	537,996	0.96%	55,312,738	99.04%
3. Site Clearance	8,693,287	-	0%	8,693,287	100%	8,693,287	100%	0	0.00%
4. Earth Works	453,640,383	-	0%	33,566,748	7.40%	33,566,748	7.40%	420,073,635	92.60%
5. Road and Pavement (Sub-Base)	318,564,283	-	0%	-	0%	-	0%	318,564,283	100%
6. Indirect cost	37,468,314	-	0%	327,864	0.88%	327,864	0.88%	37,140,450	99.12%
7. Management cost	91,386,307	-	0%	6,192,685	6.78%	6,192,685	6.78%	85,193,622	93.22%
8. Contingency	49,251,701	-	0%	-	0%	-	0%	49,251,701	100.00%
Sub-Total	1,034,285,714	-	0%	49,493,619	4.79%	49,493,619	4.79%	984,792,095	95.21%
Commercial Tax (5%)	51,714,286	-	0%	2,474,681	4.79%	2,474,681	4.79%	49,239,605	95.21%
Total	**1,086,000,000**	**-**	**0%**	**51,968,300**	**4.79%**	**51,968,300**	**4.79%**	**1,034,031,700**	**95.21%**

2) Manpower, Equipment and Material Status

a. Manpower Mobilization

Description	Previous (As of 30 Nov)	This month (As of 31 Dec)	To date	Remarks
Managing Director		30	30	
General Manager	-	31	31	
Project Manager	-	31	31	
QC Manger	-	31	31	
Lead Civil Engineer	-	30	30	
Surveyors	-	38	38	
Workers	-	121	121	
Operator	-	33	33	
Car Driver	-	70	70	
Total	-	415	415	

b. Heavy Equipment Mobilization

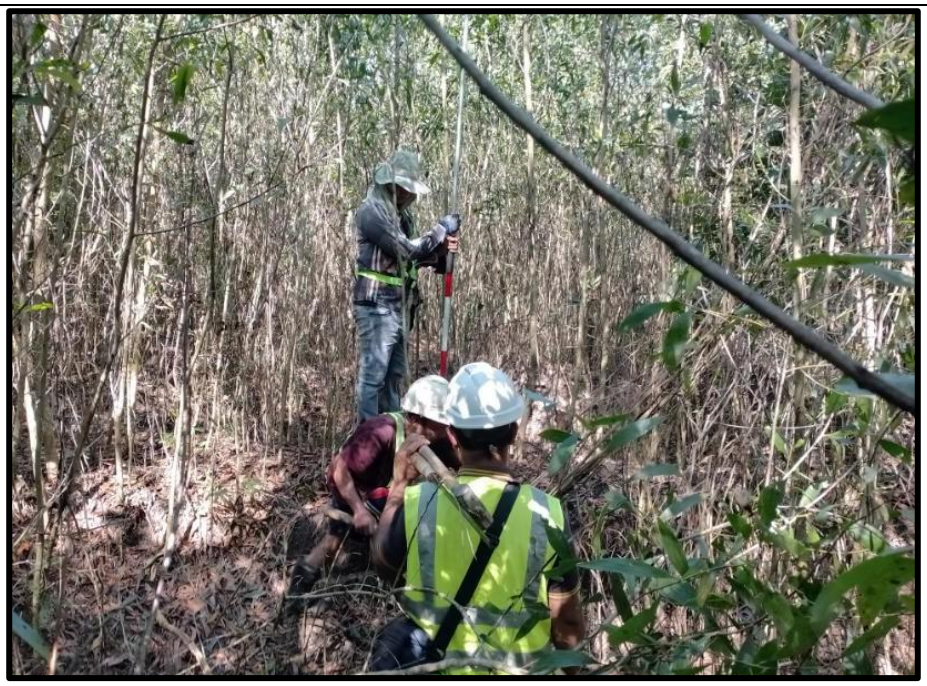
Description	Previous (As of 30 Nov)	This month (As of 31 Dec)	To date	Remarks
Excavator – 21 Ton	N/A	31	31	
Tractor – 95 HP	N/A	2	2	
Dump Truck	N/A	70	70	
Dozer (D6)	N/A	1	1	
Compactor (SV512TF)	N/A	2	2	
Total		105	105	

3. Progress Photos

Item	:	Site Clearance
Description	:	CR2-16
Date Taken	:	December 1, 2025

Item	:	Site Clearance
Description	:	CR2-2
Date Taken	:	December 1, 2025

Item	:	Levelling and Surveying
Description	:	MA2-1L
Date Taken	:	December 2, 2025



Item	:	Levelling and Surveying
Description	:	MA2-1L
Date Taken	:	December 2, 2025

Item	:	Civil Work
Description	:	Road Profile work
Date Taken	:	December 7, 2025

Item	:	Site Inspection
Description	:	Site Inspection by KMIC
Date Taken	:	December 8, 2025

Item	:	Site Inspection
Description	:	Site Inspection by KMIC
Date Taken	:	December 8, 2025

Item	:	Common Work
Description	:	Diversion Water work
Date Taken	:	December 11, 2025

Item	:	Common Work
Description	:	Diversion Water work
Date Taken	:	December 11, 2025

Item	:	Site Inspection
Description	:	Site Inspection by KMIC
Date Taken	:	December 15, 2025

Item	:	Site Inspection
Description	:	Site Inspection by KMIC
Date Taken	:	December 16, 2025

Item	:	Earth Work
Description	:	Top Soil Removing Work
Date Taken	:	December 21, 2025

Item	:	Earth Work
Description	:	Access Road Preparation work
Date Taken	:	December 22, 2025

Item	:	Earth Work
Description	:	Access Road Preparation work
Date Taken	:	December 22, 2025

Item	:	Earth Work
Description	:	CR2-16
Date Taken	:	December 23, 2025

Item	:	Earth Work
Description	:	CR2-16
Date Taken	:	December 31, 2025

2nd Preliminary Works For 1st Phase of KMIC

January 2026 Monthly Progress Report

2026.02.26

Submitted by

ATY Construction Co., Ltd.

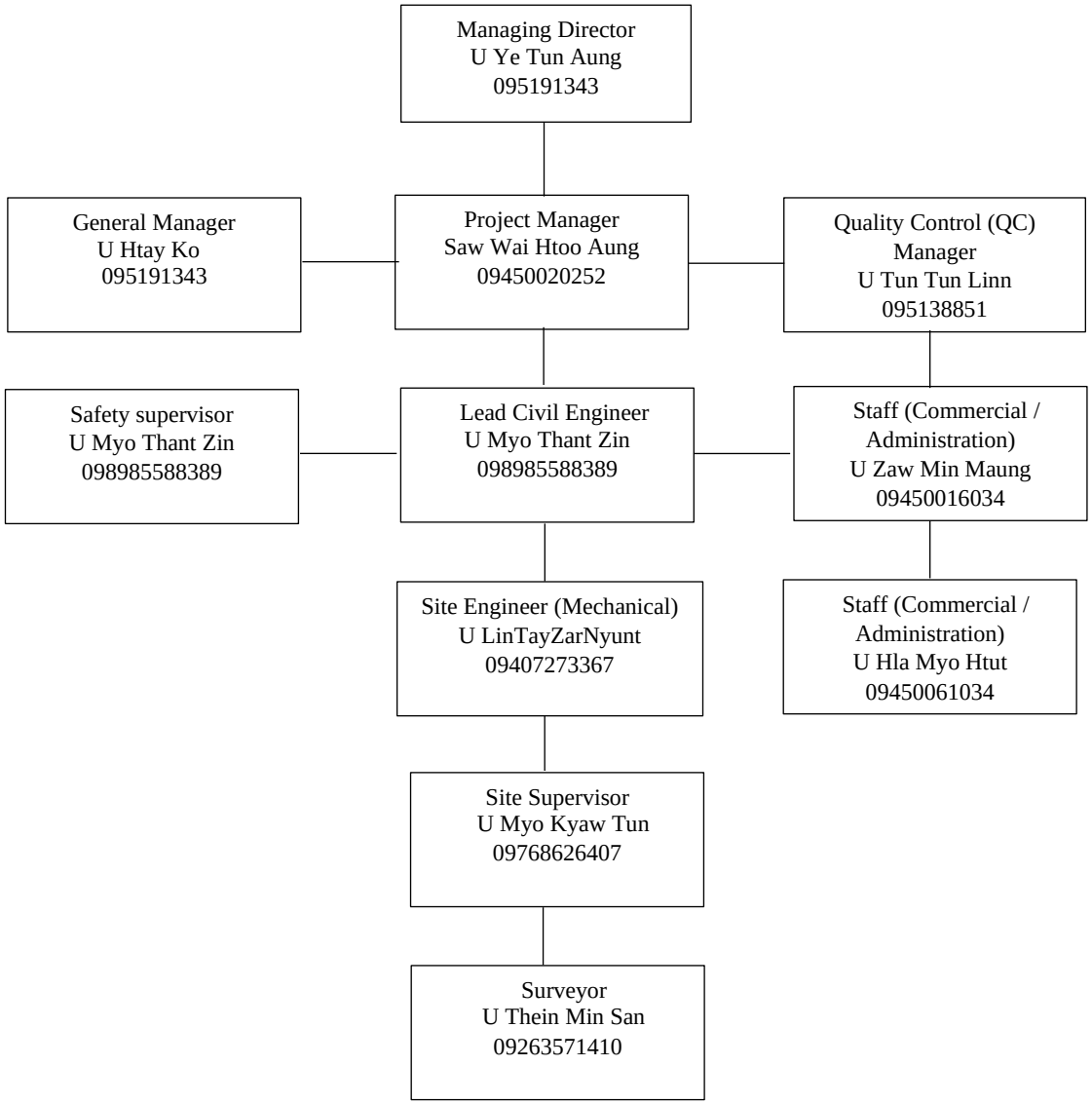
Contents

1. Project Summary

1) Project Contract Summary

Project name	2nd Preliminary Works For 1st Phase of KMIC(KMIC-PDD-10)
Location	Nyaung HnitPin, Hlegu Township (24 km from Yangon International Airport)
Type of project	Industrial complex site development work
Project overview	Common Work (Cutting Soil) 72 m^3 Embankment 72 m^3 Reinforced Concrete Pipe 56 m Soil water way(Cutting Soil) 394 m^3 Site Clearance 16,600 m^2 Civil Work (Cutting, Transport & Compaction) 32,874 m^3 Road & Pavement 2,037 m^3
Contractor	ATY Construction Co., Ltd
Commencement date	1st Dec, 2025
Completion date	30th Apr, 2026 (5 months) from the commencement date
Contract Amount	MMK 1086,000,000 (including commercial Tax)

2) Organization Chart



No.	Participants	Positions	Remark	Contact Phone Number	Remark
1	U Ye Tun Aung	Managing Director	Project Director	095125025	
2	U Htay Ko	General Manager	Assistant Project Director	095191343	
3	Saw Wai Htoo Aung	Project Engineer	Project Manager	09450020252	
4	U Tun Tun Lin	Project Engineer	Quality Control (QC) Manager	095138851	
5	U Myo Thant Zin	Senior Site Engineer	Lead Civil Engineer/ Safety, Health, & Environment (HSE)	098985588389	
6	U LinTayZarNyunt	Site Engineer (Mechanical)	Site Engineer (Mechanical)	09407273367	
7	U Zaw Min Maung	Staff	Commercial / Administration	09450016034	
8	U Hla Myo Htut	Staff	Commercial / Administration	09450061034	
9	U Myo Kyaw Tun	Staff	Site Supervisors / Foremen	09768626407	
10	U Thein Min San	Surveyor	Technical Staff & Surveyor	09263571410	

2. Project Progressing Status

1) Status

a. Major Performance Status and Plan

Classification	This month major performance status (2026.01.01~2026.01.31)	Next month major performance plan (2026.02.01~2026.02.28)
1. Field Management	Diversion Water Way	Diversion Water Way
2. Site Clearance	Site Clearance	-
3. Earth works	Earth Work	Earth Work
4. Road and Pavement (Sub-Base)	N/A	N/A

b. Project Progressing Status

Schedule	This Month %	Total %
28.60%	**21.95 %**	**26.74 %**

Classification	Contract Amount	Previous		This month		To date		Balance of work	
		Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate
1. Field Management	19,430,705	175,039	0.90%	6,918,198	35.60%	7,093,237	36.51%	12,337,468	63.49%
2. Qualification tests	55,850,734	537,996	0.96%	3,491,154	6.25%	4,029,150	7.21%	51,821,584	92.79%
3. Site Clearance	8,693,287	8,693,287	100.00%	0	0.00%	8,693,287	100.00%	0	0.00%
4. Earth Works	453,640,383	33,566,748	7.40%	179,936,201	39.66%	213,502,949	47.06%	240,137,434	52.94%
5. Road and Pavement (Sub-Base)	318,564,283	0	0.00%	0	0.00%	0	0.00%	318,564,283	100.00%
6. Indirect cost	37,468,314	327,864	0.88%	7,839,678	20.92%	8,167,542	21.80%	29,300,772	78.20%
7. Management cost	91,386,307	6,192,685	6.78%	26,164,114	28.63%	32,356,799	35.41%	59,029,508	64.59%
8. Contingency	49,251,701	0	0.00%	2,675,000	5.43%	2,675,000	5.43%	46,576,701	94.57%
Sub-Total	1,034,285,714	49,493,619	4.79%	227,024,345	21.95%	276,517,964	26.74%	757,767,750	73.26%
Commercial Tax (5%)	51,714,286	2,474,681	4.79%	11,351,217	21.95%	13,825,898	26.74%	37,888,388	73.26%
Total	**1,086,000,000**	**51,968,300**	**4.79%**	**238,375,562**	**21.95%**	**290,343,862**	**26.74%**	**795,656,138**	**73.26%**

2) Manpower, Equipment and Material Status

a. Manpower Mobilization

Description	Previous (As of 31 Dec 2025)	This month (As of 31 Jan 2026)	To date	Remarks
Managing Director	30	30	60	
General Manager	31	30	61	
Project Manager	31	30	61	
QC Manger	31	30	61	
Lead Civil Engineer	31	30	61	
Staff		43	43	
Surveyors	38		38	
Workers	121	81	202	
Operator	33	94	127	
Car Driver	70	245	315	
Total	416	613	1,029	

b. Heavy Equipment Mobilization

Description	Previous (As of 31 Dec 2025)	This month (As of 31 Jan 2026)	To date	Remarks
Excavator – 21 Ton	31	30	61	
Tractor – 95 HP	2	-	2	
Dump Truck	70	245	315	
Dozer (D6)	1	30	31	
Compactor (SV512TF)	1	30	31	
Excavator-8ton		5	5	
Total	105	340	445	

3. Progress Photos

Item	:	Borrow soil filling work
Description	:	CR2-2
Date Taken	:	January 1, 2026

Item	:	Soil Laying and Compaction work
Description	:	CR2-16
Date Taken	:	January 1, 2026

Item	:	Moisture Content Test
Description	:	CR2-2
Date Taken	:	January 1, 2026

Item	:	Moisture Content Test
Description	:	MA2-1L, CR2-2,CR2-16
Date Taken	:	January 1, 2026

Item	:	Soil Laying and Compaction work
Description	:	CR2-16
Date Taken	:	January 2, 2026

Item	:	Soil Laying and Compaction work
Description	:	CR2-16
Date Taken	:	January 2, 2026

Item	:	Site Inspection Work by KMIC
Description	:	CR2-2
Date Taken	:	January 6, 2026

Item	:	Site Inspection Work by KMIC
Description	:	CR2-2
Date Taken	:	January 6, 2026

Item	:	Soil Laying and Compaction work
Description	:	CR2-2
Date Taken	:	January 7, 2026

Item	:	Soil Laying and Compaction work
Description	:	CR2-2
Date Taken	:	January 7, 2026

Item	:	Borrow soil filling work
Description :		MA2-1(L)
Date Taken :		January 13, 2026

Item	:	Tube well
Description :		watering for road ,car and worker
Date Taken :		January 13, 2026

Item	:	watering work
Description :		CR2-2
Date Taken :		January 14, 2026

Item	:	Field Density Test
Description :		CR2-2
Date Taken :		January 14, 2026

Item	:	Borrow soil filling work
Description	:	CR2-2
Date Taken	:	January 17, 2026

Item	:	Borrow soil uploading
Description	:	Ngarsutaung ATY Quarry Site
Date Taken	:	January 17, 2026

Item	:	Soil Laying and Compaction work
Description	:	MA2-1(L)
Date Taken	:	January 19, 2026

Item	:	Soil Laying and Compaction work
Description	:	MA2-1(L)
Date Taken	:	January 20, 2026

Item	:	Field Density Test
Description :		CR2-2
Date Taken :		January 20, 2026

Item	:	Watering Work and Soil laying and compaction work
Description :		MA2-1(L)
Date Taken :		January 20, 2026

Item	:	Borrow soil filling work
Description	:	MA2-1(L)
Date Taken	:	January 22, 2026

Item	:	Soil Laying and Compaction work
Description	:	MA2-1(L)
Date Taken	:	January 22, 2026

Item	:	Soil Laying and Compaction work
Description	:	CR2-2
Date Taken	:	January 24, 2026

Item	:	Concrete Water Pipe Delivery work
Description	:	Temporary Diversion Water way
Date Taken	:	January 24, 2026

Item	:	Field Density Test
Description	:	CR2-16
Date Taken	:	January 26, 2026

Item	:	Moisture Content Test
Description	:	MA2-1(L),CR2-2,CR2-16
Date Taken	:	January 26, 2026

Item	:	Site Inspection work(level checking)
Description	:	MA2-1(L)
Date Taken	:	January 28, 2026

Item	:	Rebound Hammer Test (Concrete Pipe)
Description	:	Temporary Diversion Water Way
Date Taken	:	January 28, 2026

Item	:	Site Meeting
Description	:	KMIC Site office
Date Taken	:	January 28, 2026

Item	:	Concrete Water Pipe Delivery work
Description	:	Temporary Diversion Water way
Date Taken	:	January 31, 2026

2nd Preliminary Works For 1st Phase of KMIC

February 2026 Monthly Progress Report

2026.03.06

Submitted by

ATY Construction Co., Ltd.

Contents

1. Project Summary

1) Project Contract Summary

Project name	2nd Preliminary Works For 1st Phase of KMIC(KMIC-PDD-10)
Location	Nyaung HnitPin, Hlegu Township (24 km from Yangon International Airport)
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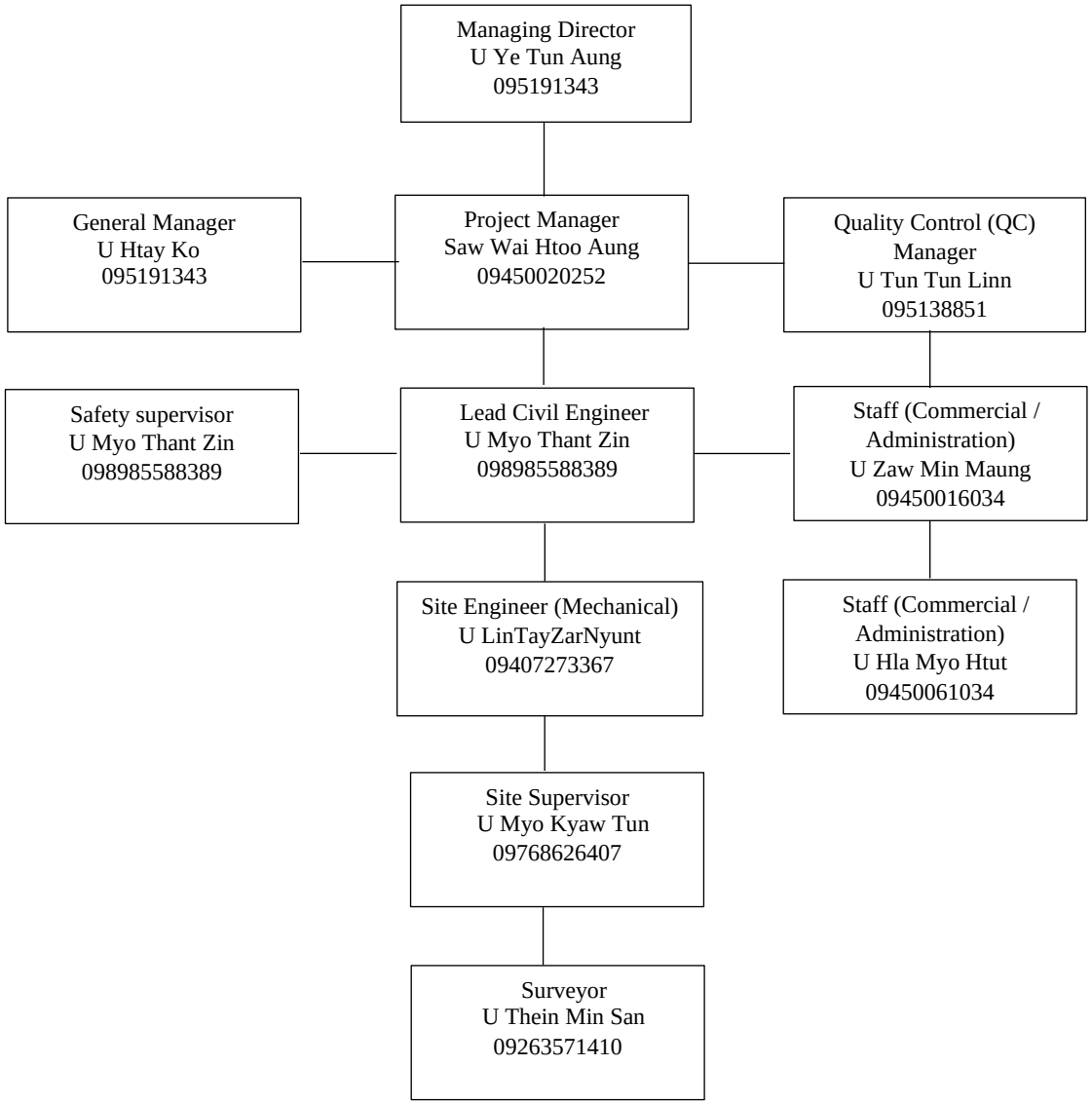
Project overview	Common Work (Cutting Soil) 72 m^3 Embankment 72 m^3 Reinforced Concrete Pipe 56 m Soil water way(Cutting Soil) 394 m^3 Site Clearance 16,600 m^2 Civil Work (Cutting, Transport & Compaction) 32,874 m^3 Road & Pavement 2,037 m^3
Contractor	ATY Construction Co., Ltd
Commencement date	1st Dec, 2025
Completion date	30th Apr, 2026 (5 months) from the commencement date
Contract Amount	MMK 1086,000,000 (including commercial Tax)

2) Organization Chart



No.	Participants	Positions	Remark	Contact Phone Number	Remark
1	U Ye Tun Aung	Managing Director	Project Director	095125025	
2	U Htay Ko	General Manager	Assistant Project Director	095191343	
3	Saw Wai Htoo Aung	Project Engineer	Project Manager	09450020252	
4	U Tun Tun Lin	Project Engineer	Quality Control (QC) Manager	095138851	
5	U Myo Thant Zin	Senior Site Engineer	Lead Civil Engineer/ Safety, Health, & Environment (HSE)	098985588389	
6	U LinTayZarNyunt	Site Engineer (Mechanical)	Site Engineer (Mechanical)	09407273367	
7	U Zaw Min Maung	Staff	Commercial / Administration	09450016034	
8	U Hla Myo Htut	Staff	Commercial / Administration	09450061034	
9	U Myo Kyaw Tun	Staff	Site Supervisors / Foremen	09768626407	
10	U Thein Min San	Surveyor	Technical Staff & Surveyor	09263571410	

2. Project Progressing Status

1) Status

a. Major Performance Status and Plan

Classification	This month major performance status (2026.02.01~2026.02.28)	Next month major performance plan (2026.03.01~2026.03.31)
1. Field Management	Drain Pipe installation work	Soil Water Way
2. Site Clearance	-	-
3. Earth works	Earth Work	Earth Work Finishing work
4. Road and Pavement (Sub-Base)	N/A	Crushed Stone Delivery Work and Laying Work

b. Project Progressing Status

Schedule	This Month %	Total %
58.65%	**28.53 %**	**55.27 %**

Classification	Contract Amount	Previous		This month		To date		Balance of work	
		Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate
1. Field Management	19,430,705	7,093,237	36.51%	11,213,018	57.71%	18,306,255	94.22%	1,124,450	5.78%
2. Qualification tests	55,850,734	4,029,150	7.21%	8,158,884	14.61%	12,188,034	21.82%	43,662,700	78.18%
3. Site Clearance	8,693,287	8,693,287	100.00%	0	0.00%	8,693,287	100.00%	0	0.00%
4. Earth Works	453,640,383	213,502,949	47.06%	235,423,126	51.90%	448,926,075	98.96%	4,714,308	1.04%
5. Road and Pavement (Sub-Base)	318,564,283	0	0.00%	0	0.00%	0	0.00%	318,564,283	100.00%
6. Indirect cost	37,468,314	8,167,542	21.80%	4,789,394	12.78%	12,956,936	34.58%	24,511,378	65.42%
7. Management cost	91,386,307	32,356,799	35.41%	35,480,486	38.82%	67,837,285	74.23%	23,549,022	25.77%
8. Contingency	49,251,701	2,675,000	5.43%	0	0.00%	2,675,000	5.43%	46,576,701	94.57%
Sub-Total	1,034,285,714	276,517,964	26.74%	295,064,908	28.53%	571,582,872	55.27%	462,702,842	44.73%
Commercial Tax (5%)	51,714,286	13,825,898	26.74%	14,753,245	28.53%	28,579,143	55.27%	23,135,143	44.73%
Total	**1,086,000,000**	**290,343,862**	**26.74%**	**309,818,153**	**28.53%**	**600,162,015**	**55.27%**	**485,837,985**	**44.73%**

2) Manpower, Equipment and Material Status

a. Manpower Mobilization

Description	Previous (As of 31 Jan 2026)	This month (As of 28 Feb 2026)	To date	Remarks
Managing Director	60	28	88	
General Manager	61	28	89	
Project Manager	61	28	89	
QC Manger	61	28	89	
Lead Civil Engineer	61	28	89	
Staff	43	56	99	
Surveyors	38	-	38	
Workers	202	89	291	
Operator	127	112	239	
Car Driver	315	273	588	
Total	1,029	670	1,699	

b. Heavy Equipment Mobilization

Description	Previous (As of 31 Jan 2026)	This month (As of 28 Feb 2026)	To date	Remarks
Excavator – 21 Ton	61	28	89	
Tractor – 95 HP	2	-	2	
Dump Truck	315	273	588	
Dozer (D6)	31	28	59	
Compactor (SV512TF)	31	28	59	
Excavator-8ton	5	27	32	
Total	445	384	829	

2. Progress Photos

Item	:	Borrow soil filling work
Description	:	MA2-1(L)
Date Taken	:	February 1, 2026

Item	:	Borrow soil filling work
Description	:	MA2-1(L)
Date Taken	:	February 1, 2026

Item	:	Soil Laying & Compaction Work
Description	:	CR2-2
Date Taken	:	February 2, 2026

Item	:	Soil Laying & Compaction Work
Description	:	CR2-16
Date Taken	:	February 3, 2026

Item	:	Field Density Test
Description	:	MA2-1(L)
Date Taken	:	February 4, 2026

Item	:	Moisture Content Test
Description	:	MA2-1(L)
Date Taken	:	February 4, 2026

Item	:	Borrow soil laying and compaction work
Description	:	MA2-1(L)
Date Taken	:	February 5, 2026

Item	:	Watering
Description	:	MA2-1(L)
Date Taken	:	February 7, 2026

Item	:	Borrow soil laying and compaction work
Description	:	MA2-1(L)
Date Taken	:	February 7, 2026

Item	:	Borrow soil laying and compaction work
Description	:	MA2-1(L)
Date Taken	:	February 8, 2026

Item	:	Borrow Soil laying work
Description	:	CR2-2
Date Taken	:	February 9, 2026

Item	:	Soil Laying and Compaction work
Description	:	CR2-2
Date Taken	:	February 12, 2026

Item	:	Site Inspection by KMIC
Description	:	Safety equipment inspection
Date Taken	:	February 10, 2026

Item	:	Site Inspection by KMIC
Description	:	Testing R.C.C Concrete Pipe
Date Taken	:	February 10, 2026

Item	:	Moisture Content Test
Description	:	CR2-16,CR2-2,MA2-1(L)
Date Taken	:	February 11, 2026

Item	:	Field Density Test
Description	:	CR2-16,CR2-2,MA2-1(L)
Date Taken	:	February 11, 2026

Item	:	Borrow soil laying and compaction work
Description	:	CR2-2
Date Taken	:	February 13, 2026

Item	:	Watering
Description	:	MA2-1(L)
Date Taken	:	February 13, 2026

Item	:	Borrow soil laying and compaction work
Description	:	MA2-1(L)
Date Taken	:	February 13, 2026

Item	:	Borrow soil laying and compaction work
Description	:	CR2-2
Date Taken	:	February 15, 2026

Item	:	Borrow Soil laying work
Description	:	CR2-2
Date Taken	:	February 16, 2026

Item	:	Soil Laying and Compaction work
Description	:	CR2-2
Date Taken	:	February 16, 2026

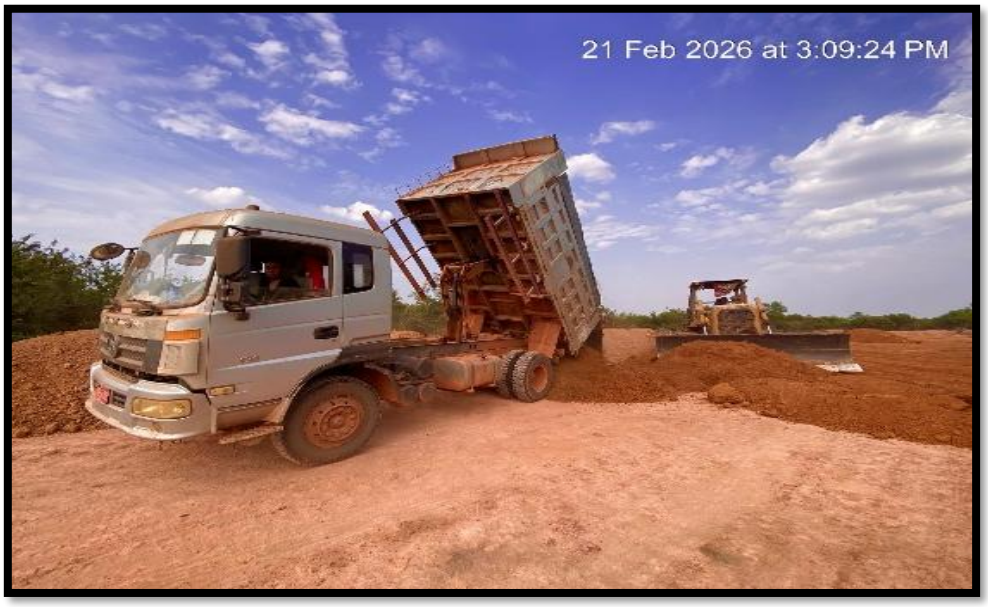
Item	:	Soil Laying & Compaction Work
Description	:	MA2-1(L)
Date Taken	:	February 17, 2026

Item	:	Construction Site Fuel Storage Area
Description	:	Environmental conservation and safety
Date Taken	:	February 17, 2026

Item	:	watering work @ MA2-1(L)
Description	:	MA2-1(L)
Date Taken	:	February 18, 2026

Item	:	3'ØConcrete pipe Delivery work
Description	:	Temporary Diversion water way
Date Taken	:	February 18, 2026

Item	:	Environmental Monitoring
Description	:	Environmental Conservation
Date Taken	:	February 20, 2026



Item	:	Borrow soil filling and laying and Compaction work
Description	:	MA2-1(L)
Date Taken	:	February 21, 2026

Item	:	Borrow soil laying and compaction work
Description	:	MA2-1(L)
Date Taken	:	February 22, 2026

Item	:	Borrow soil laying and compaction work
Description	:	MA2-1(L)
Date Taken	:	February 22, 2026

Item	:	Borrow Soil laying work
Description	:	CR2-2
Date Taken	:	February 23, 2026

Item	:	Field Density Test
Description	:	MA2-1(L)
Date Taken	:	February 23, 2026

Item	:	Proof Rolling Test
Description	:	MA2-1(L)
Date Taken	:	February 23, 2026

Item	:	Borrow soil filling and laying and Compaction work
Description	:	CR2-2
Date Taken	:	February 24, 2026

Item	:	3'Ø R.C Concrete Drain Pipe Installation work
Description	:	Drain Pipe
Date Taken	:	February 28, 2026

Item	:	3'Ø R.C Concrete Drain Pipe Installation work
Description	:	Drain Pipe
Date Taken	:	February 28, 2026