



Environmental Monitoring Report

Pre - Construction Phase

October 2019

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1. Executive Summary

Myint & Associates Offshore Supply Base Ltd (M&AOSB) is planning to develop an Offshore Supply Base (OSB) near Nga Yoke Kaung Bay in Ayeyarwady Region, which is located approximately 40 km south of the town of Ngwe Saung. The project includes the construction of an island jetty head with deck, a causeway (1.2 ha) and an onshore facility (12.12 ha). The supply base will consist of short-term & long-term storage facilities, custom inspection area, main office area, accommodation area and other utilities required for the support of offshore Oil & Gas Logistics. Overall the area could be expended to up to 50 ha onshore in phase 2.

Since 2016, M&AOSB began socialization of its proposed project activities with the members of the local community by hosting public meetings and regular engagements. M&AOSB established its Corporate Social Responsibility (CSR) program in 2017. In terms of environmental management, M&AOSB has completed its Environmental Impact Assessment (EIA) processes and Environmental Compliance Certificate (ECC) was awarded on 24 April 2019 by the Environmental Conservation Department (ECD) under Ministry of Natural Resources and Environmental Conservation (MONREC).

1.1 Key Highlights (April to September 2019)

- After obtaining the ECC on 24 April 2019, public disclosure workshops were conducted in Pathein and Nanttharpu Village Tract from 25 to 27 June 2019. Latest project information, EIA process, findings, and mitigation measures were disclosed.
- Design and Build Contractor selection for the M&AOSB project is in its final stages. Environmental Management Plans (EMPs) and Environmental Monitoring Plans (EMoPs) are in preparation and these will be finalized in coordination with the Design and Build Contractor and submitted to ECD prior to the start of construction.
- Other requirements, including detailed information about the project such as the final layout plan with facilities lists will be included in the subsequent report.
- In accordance with clause D6 of ECC, the environmental monitoring reports will be prepared and submitted to ECD every 6 months during the project.
- As part of social management, CSR work program for the fiscal year 2019-2020 was rolled out in May 2019, where 14 skills trainings are planned for the year. From April to September 2019, 8 trainings had been completed including masonry, carpentry, welding, and excavator operator trainings. Total (195) trainees completed their respective trainings.

2. Introduction

Periodic environmental monitoring will be conducted by M&AOSB. The environmental inspection and compliance monitoring program will be implemented under the direction and guidance of Ministry of Natural Resources and Environmental Conservation (MONREC).

The Construction Monitoring Report will be prepared in accordance with clause D-6 of the ECC. Summary of the monitoring activities will be included in the report and M&AOSB will report to the Ministry with the frequency of not less than six (6) months. This Construction Monitoring Report shall include:

- i) Documentation of compliance with all conditions of this ECC, in particular on the commitments made in Table 8.2 of the EIA report.
- ii) Progress made to date on implementation of EMPs against the submitted implementation schedule
- iii) Difficulties encountered in implementing EMPs and recommendations for remedying difficulties and steps to prevent or avoid similar future difficulties.
- iv) Number and type of non-compliances with EMPs and proposed remedial measures and timelines for completion of remediation
- v) Summary of self-monitoring reports including explanatory remarks
- vi) Summary of accidents or incidents relating to the occupational and community health and safety
- vii) Summary of complaints and grievances redress mechanism (GRM)

3. Roles and Responsibilities

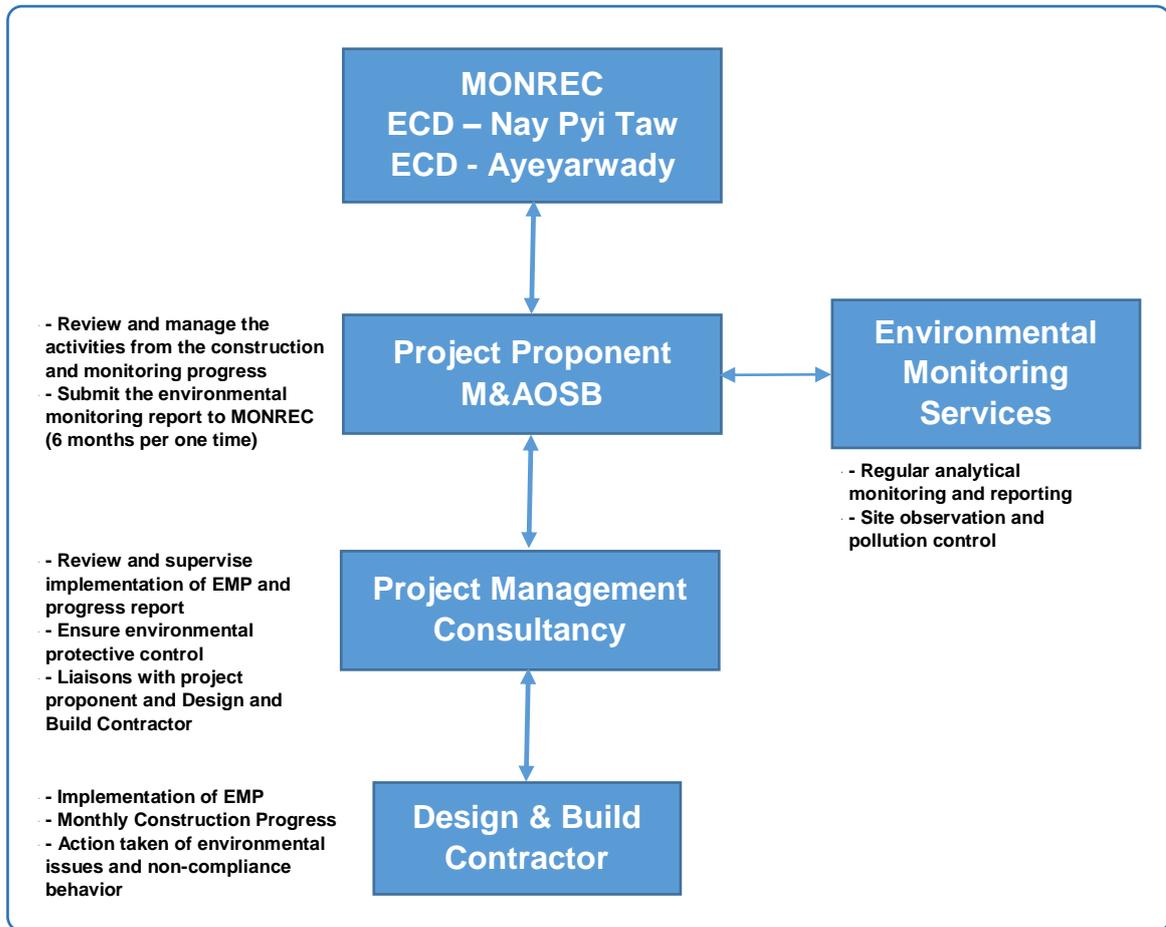
Project Proponent (M&AOSB) – shall monitor all construction activities and carry out random site inspection under the guidance and supervision of Project Management Consultancy (PMC) in strict compliance with the conditions of the ECC and liaise with the Ministry. Project proponent is accountable for the timely submission of Environmental Monitoring Reports to MONREC.

Design and Build Contractor(s) – shall implement EMPs s defined in the ESIA and ECC and carry out continuous risk assessment and environmental controls on all construction activities. It is their duty to enforce all sub-contractors to follow prescribed environmental control measures. Design and Build Contractor is accountable for the implementation of EMPs and other obligations from the EIA and ECC.

Environmental Monitoring Services – shall undertake monitoring of all environmental and social parameters prescribed in the EIA. Environmental Monitoring Services shall prepare a report of findings with analysis of the project's environmental and social conditions. Environmental Monitoring Services will be performed by either a third party Contractor, M&AOSB in-house resources or a combination of both.

Note: *Since contractor selection is still in progress, detailed information about each party will be described in the next report.*

Institutional Framework of Environmental Monitoring Reporting



This institutional framework of environmental monitoring report is for the construction phase only. The operational phase will be prepared upon completion of construction phase and before commencement of operations.

4. Current Project Environment

There was no construction activities during April 2019 to September 2019. M&AOSB is in the process of evaluating proposals to select a Design and Build Contractor.

At the project site, there is currently a temporary camp (consisted of one two-story building and a shelter), a ground water well which existed before the temporary camp was erected and now supplies the camp, water reservoir tanks, toilet and septic tanks, and a general waste collection area. The temporary camp is powered by solar energy and a generator. At the moment, there is no national grid connection in Nanttharpu Village Tract.

5. Project Progress

5.1 Project Progress Prior to ECC

Technical Surveys

Several investigations and surveys were conducted in designing the onshore and offshore facilities of the proposed supply base. In 2017, Bathymetric Survey were conducted from 23 to 29 July 2017 to measure the ocean depth through sounding and Metocean Survey from 21 July to 24 August 2017 by Blue Delta Yangon Co., Ltd. to study the conditions of wind, wave and climate. The meteorological studies including the wind speed, wind direction, occurrence and strength of typhoons, hurricanes and other natural disasters and oceanography studies including the historical and seasonal sea level changes, tides, and wave heights were undertaken.

Offshore Soil Investigation (Phase 1) and onshore soil investigations, and Topographic survey were also conducted from 25 August to 25 September 2017 by Blue Delta Yangon Co., Ltd and Fukken Myanmar Co., Ltd., respectively. All surveys were carried out for the design of onshore and offshore (jetty) facilities.

A series of public disclosures with Township and Town General Administration Departments, Town and Village Authority and Administrators, Local Fishermen and Civil Society Organizations (CSOs) in Pathein, Nga Yoke Kaung and Nanttharpu were conducted prior to the technical surveys, communicating the context of the investigation activities and addressing the possible concerns and impacts from the community. About 92 stakeholders were consulted in total of 4 sessions which were conducted from 10 to 12 July 2017.

Offshore Soil Investigation (Phase 2) was conducted from 08 November 2018 to 16 January 2019 to acquire comprehensive information related to the soil at the proposed jetty construction area. Blue Delta Yangon Co., Ltd. was selected as the contractor for soil investigation surveys and drilling of additional boreholes.

A series of public consultations were conducted prior to the mobilization of survey equipment and contractor personnel to communicate to local stakeholders about the upcoming surveys and provide project progress updates as follows:

Date	Stakeholders Consulted	Location
29 October 2018	Town General Administration Departments, Fishery Department, Town Medical Officer, Fire Department, Ward Administrators	Nga Yoke Kaung Town
30 October 2018	Multi-stakeholders, Civil Society Organizations (CSOs) such as Kann Chay Arr Man	Nga Yoke Kaung Town
30 October 2018	Multi-stakeholders, Community Leaders, Civil Society Organizations (CSOs) such as MATA, Community-based Tourism Members, Fisherman Groups	Nanttharpu Village Tract
Total Stakeholders Consulted		151 Persons

Electrical Transmission Line Survey

M&AOSB has began surveys on possible options to connect to the nearest national electrical grid at the Nga Yoke Kaung Town Sub-station. This is in an investigation phase and detailed information about the outcome of the investigation will be included in the subsequent report.

5.2 Progress of Design and Build Contractor Selection

M&AOSB started the tender for the Design & Build contract for the proposed offshore supply base on 18 January 2019. M&AOSB is in the process of evaluating proposals and final negotiations with the preferred bidders. After contract award, M&AOSB and Design & Build contractor will develop and submit environmental management plans.

5.3 Progress of Environmental Monitoring Services Selection

A third party Environmental Monitoring Services selection is in progress. Once the Design & Build contract is award, the Environmental Monitoring Services will also be awarded and a pre-construction survey will be performed.

5.4 Operational Grievance Mechanism

M&AOSB rolled out an operational grievance mechanism (OGM) at the project area since August 2017. A field coordinator has been appointed to liaise with the stakeholders to resolve the received concerns in a timely manner. In order to promote awareness, OGM information boards has been set up at strategic locations such as intersections with high foot traffic in Nga Yoke Kaung Town, Kyway Chaing and Nanttharpu Village Tracts. Locations of the information boards are illustrated in the Annex

At the time of the preparation of this report, there has been 7 grievances raised and resolved. The summary of OGM cases is provided in Annex.



Operational Grievance Mechanism (OGM) Flow Chart



M&AOSB is in the pre-construction phase, and the M&AOSB operational grievance mechanism will be contextualized for the construction phase in compliance with clauses F-1, F-2, F-3, F-4, F-5 and F-6 of the ECC. This will be submitted together with other management plans in the next report.

6. Environmental Management

The M&AOSB project is in its pre-construction phase, and the Design and Build Contractor selection is in progress in parallel with the selection of Environmental Monitoring Services. During the period covered by this report, there was no activity at the project location except the implementation of CSR initiatives.

6.1 Environmental Management Plans

Prior to the construction phase, M&AOSB and the Design & Build Contractor will jointly develop the following (7) sub-management plans as per ECC Clause C-10,

- Emergency Response Plan
- Traffic Management Plan
- Waste Management Plan
- Livelihood Restoration and Compensation Plan
- Biodiversity Management Plan
- Water Quality and Sediment Management Plan
- Occupational Health and Safety Plan

In addition to the above-mentioned (7) plans, oil spill contingency plan, disposal plan for dredging materials, decommissioning plan and final layout with facilities lists for each phase will be prepared together with the Design and Build Contractor in accordance with ECC clauses C-7, C-5, C-11 and C-6 respectively.

The above-mentioned plans will be prepared according to the below:

Step (1)

The Design and Build Contractor will lead the development of the sub-management plans with the collaboration of M&AOSB. Once finalized, these sub-management plans will be submitted to ECD.

Step (2)

The sub-management plans will be implemented by both the Design and Build Contractor and the M&AOSB as described in the sub-management plans.

Step (3)

The implementation of the sub-management plans will be continuously monitored to ensure compliance with the plans. The relevant information about the sub-management plans will be reported to ECD as part of Environmental Monitoring Reports.

7. Social Management

7.1 Approach

Since 2016, M&AOSB established its Corporate Social Responsibility Program in the project area to initiate relationship building and build trust with primary project stakeholders. In order to achieve this, M&AOSB deploys a multi-pronged approach as follows:

- Robust stakeholder engagement and consultations to invite participation in every stage of the project and to effectively and transparently communicate about the proposed project
- Strategic and impactful community investments which create shared value for the business and society
- Corporate sponsorships and philanthropy
- Employee volunteerism

7.2 Community Investment

M&AOSB CSR program covers Nga Yoke Kaung Town, Nanttharpu Village Tract and Kyway Chaing Village Tract. Currently, M&AOSB partners with a total of 8 community-based volunteers to conduct community engagement and investments .

2019-2020 CSR Work Program takes a training center approach and provides the following trainings:

- Good Animal Husbandry Practices Training
- Home-made Food Product Making Training
- Value-added Consumer Goods Training
- GYB-SYB Training
- SSHE Training
- Welding Training
- Heavy Machinery Operator Training
- Masonry Training
- Carpentry Training
- Hospitality Training
- Rebar Fixing Training
- Basic English Training
- Computer Training
- Water Treatment Techniques Training





Detailed information on trainings completed to date are included in the Annex.

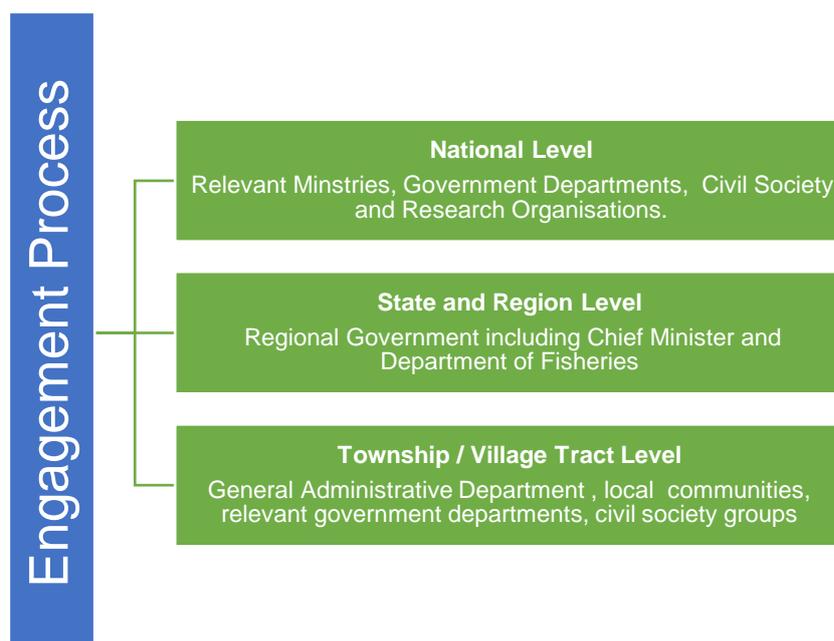
National Skills Standard Authority (NSSA) Level-1 Tests

After completion of the construction skills trainings, M&AOSB coordinated and arranged for the interested candidates from welding, carpentry, and masonry trainings to sit for their respective National Skills Standard Authority (NSSA) Level-1 tests in Yangon.

The NSSA exam included the theory and practical assessments. A total of 7 welding trainees, 20 masonry trainees, and 20 carpentry trainees passed the NSSA Level-1 exams. NSSA certificates are recognized within the ASEAN region and this increases access to job opportunities not limited to the M&AOSB project.

7.3 Stakeholder Engagement and Project Information Disclosure

In order to ensure project transparency, M&AOSB engaged key stakeholders at the national, state/region, and township/village tract levels.



Stakeholder Engagement (April 2019)

Soon after receiving the ECC on 24 April 2019, an engagement trip to Patheingyi Region from 29 April to 30 April. Ayeyarwady Region Minister of Electricity, Energy, Industry, Roads and Transport, MP (Ayeyarwady Region Parliament), and members of MATA (Ayeyarwady) were engaged and shared the latest updates about the ECC.



Stakeholder Engagement (May 2019)

During the month of May, in accordance with the EIA procedure, M&AOSB disclosed and distributed its approved EIA reports (Hard Copies) to the ECD (Nay Pyi Taw), ECD (Patheingyi), General Affairs Department (Patheingyi), General Affairs Department (Ngazun), General Affairs Department (Nga Yoke Kaung), Fisheries Department (Patheingyi), Fisheries Department (Ngazun), Fisheries Department (Nga Yoke Kaung). Executive summaries of the EIA report were distributed to the Village Elders from Nga Yoke Kaung (Ward 1 and 2), Nanttharpu and Kyway Chaing in the third week of May 2019.

Apart from distributing hard copies, the ECC and the approved EIA report were uploaded on the M&AOSB's website together with the report's executive summaries.

M&AOSB held a meeting with the Ayeyarwady Region Minister of Electricity, Energy, Industry, Roads and Transport and members of the Ayeyarwady Investment Committee (AyaIC) on 22nd May 2019 and presented the project activities, future plan and upcoming ECC disclosure trip in June 2019. Another meeting was conducted with MATA (Nga Yoke Kaung) on 2nd May 2019 and discussed about the CSR program for FY 2019-2020.



Stakeholder Engagement (June 2019)

ECC disclosure workshops were organized in June 2019.

ECC disclosures were held at (3) locations from 25 to 27 June 2019. At the 25 June workshop at Pathein, the Ayeyarwady Region Minister of Electricity, Energy, Industry, Roads and Transport gave an opening speech followed by sharing the latest project information and EIA process by respective persons. Total (44) persons from Government Departments, CSOs, and other interested parties actively participated in the workshop.

On 26 June, a disclosure workshop was conducted in Nanttharpu. A total of 252 participants joined the workshop and their questions were addressed by the respective persons from the Government Department, M&AOSB, and ERM.

On 27 June, latest project information and EIA processes were presented to the Members of Parliament (Ayeyarwady Region) at the regional parliament (Pathein). This disclosure meeting was officiated by the Chairman of the Parliament. All the concerns of the members of parliaments were addressed during the disclosure.



Stakeholder Engagement (July 2019)

In July, an engagement trip was conducted from 31 July to 2 August. The following key persons from the project location were engaged to discuss about the project.

No.	Date	Engagement	Participants	Locations
1	31-Jul-19	Religious Leader from Nanttharpu	8 Persons	Aung Thuka Monastery
2		Religious Leader from Nanttharpu	8 Persons	Aung Yadanar Monastery
3		Religious Leader from Nanttharpu	14 Persons	Seven Day Adventist Church
4		Nanttharpu Elders	14 Persons	Nan Nu Kyi's Home
5	1-Aug-19	Kyway Chaing Religious Leader	38 Persons	Ywar Ma Monastery
6		Kyway Chaing Elders	46 Persons	Ywar Ma Monastery
7		Nanttharpu Focal Person of Community Based Tourism (CBT)	2 Persons	Man Ingar's Home
8	2-Aug-19	Nga Yoke Kaung Religious Elder	9 Persons	Damikaryone Monastery
9		Nga Yoke Kaung Elders	22 Persons	Damikaryone Monastery



Stakeholder Engagement (August 2019)

Key engagements for this month were with the Head of Marine Sciences Department (Patheingyi University) and the Director of ECD (Ayeyarwady). M&AOSB is looking into opportunities to collaborate with Marine Sciences Department (Patheingyi University). A meeting was held with the Head of Marine Sciences Department on 28 August to discuss a potential partnership and collaboration between M&AOSB and Patheingyi University. On the next day, officials from ECD (Ayeyarwady) was engaged and presented about the latest project updates.



Stakeholder Engagement (September 2019)

From 16 to 20 September 2019, the following key stakeholders were engaged to discuss about the project and its CSR activities.



Date	Stakeholders Engaged	No. of Attendees
16 Sept	Meeting with the Ayeyarwady Region Minister of Electricity, Energy, Industry, Roads and Transport, the Ayeyarwady Region Minister of Social Affairs, and representatives of Regional Education and Health Departments	6 Pax
17 Sept	Meeting with the Monks, Village Administrators, Village Elders, Headmistress from Kyway Chaing (B.E.M.S) from Kyway Chaing	52 Pax
	Visiting Monasteries in Nanttharpu, meeting with Community-based Volunteers and Mason Trainees	
18 Sept	Meeting with Village Elders and Community Members from Nanttharpu, Former president of Kann Chay Arr Man Fishery Group, fishermen from Gu Chaung Wa, and visiting Box Culverts	25 Pax
19 Sept	Meeting with Kann Chay Arr Man Members, Nanttharpu Focal Person of Community Based Tourism (CBT), meeting with Kyway Chaing Village Administrators at Site Office	8 Pax
20 Sept	Meeting with the Monks from Nga Yoke Kaung Town and attending the Closing Ceremony of the Masonry and Carpentry Trainings	4 Pax

8. Conclusion

This environmental monitoring report is the first report to ECD during the project's pre-construction phase. This report covers a six-month period from April to September 2019. During this period, there is no construction activity in the project area. Routine engagement with key stakeholders and CSR initiatives were conducted to continue community engagement.

Prior to the commencement of construction, a pre-construction monitoring report will be submitted to ECD (MONREC), where the Environmental Management Plans with its sub-plans, Environmental Monitoring Plans, and other plans required by ECC will be included. During the construction phase, monitoring activities will be carried out as per the approved plans and results will be submitted in the Environmental Monitoring Reports.

Annex – 1 Executive Summary of Environmental Monitoring Activities Format for the Construction Phase

Executive Summary

The environmental management plans – EMPs and monitoring plans (EMoPs) – shall be developed by Myint & Associates Offshore Supply Base Limited (M&AOSB) and implemented by the Design and Build Contractor and monitoring contractor regularly. These EMPs and EMoPs will be implemented under the direction of the Ministry of Natural Resources and Environmental Conservation (MONREC) as per commitments in the EIA/ECC. The environmental monitoring plans is submitted in accordance with the provision of Table 8.2 Contents of the EIA Report (1 February 2019).

1. Summary of Monitoring Activities

The results of the monitoring items shall be submitted to MONREC once at the pre-construction phase and also on a bi-annual basis (every six months) at the construction operations phases. The items, standards to be applied, measurement points, and frequency for each monitoring parameters are established based on the EIA, and should there be any changes to the original plan, such change shall be reviewed and evaluated by an environmental expert.

General Information

2. Construction Progress

Design and Build Contractor submits a monthly progress report to M&AOSB and the status of construction is as follows:

Start of Construction Date :

% of completion :

HSE Statistics :

3. Environmental Management Plans Implementation and Progress

Progress made to date on the implementation of EMPs against the submitted implementation schedule.

Difficulties encountered in implementing EMPs and recommendations for remedying difficulties and steps to prevent or avoid similar future difficulties.

Number and type of non-compliances with EMPs and proposed remedial measures and timelines for completion of remediation.

4. Environmental Monitoring Plans and Monitoring Activities

Environmental monitoring report for the Construction Phase shall be prepared according to the following table, referencing Table 8.2, Chapter – 8, M&AOSB EIA Report (February 2019).

Category	Parameters / Items	Location	Frequency	Remarks
Air Quality				
Noise Level				
Marine Sediment				
Marine Flora and Fauna				
Waste				
Incident and Accident Report				
Ground Water Monitoring				ECC D-2
Effluent Water Monitoring				ECC D-1
Tourism Study				ECC D-4

Monitoring Results (Detailed information and findings will be included for each category)

- i) Air Quality
- ii) Noise Level
- iii) Marine Sediment
- iv) Marine Flora and Fauna
- v) Waste
- vi) Incident and Accident Report Summary
- vii) Ground Water Monitoring
- viii) Effluent Water Monitoring
- ix) Tourism Study

5. Summary of complaints and grievances redress mechanism (GRM)

Total Numbers of Complaints Received -
Total Numbers of Complaints Resolved -
Types of Complaints
Summary of Complaints and Progress

6. Summary of CSR Activities and Engagement Activities

Key Highlights of CSR Activities by Month
Key Highlights of Engagement Activities by Month

Annex – 2 Training Information

Training Name	Good Animal Husbandry Practices Training
Venue	Aung Thu Kha Monastery, Nanttharpu
Training Institute	Livestock Breeding and Veterinary Department
Date	21 June - 23 June (3 days)
Total Attendees	13 Pax (Nga Yoke Kaung, Nanttharpu, Kyway Chaing)
Topics	Chicken, Pigs, Goats <ul style="list-style-type: none"> • Good practices of raising animals • causes of diseases • prevention methods • vaccination and practical works

Training Name	Home-Made Food Products Training
Venue	Damikaryone Monastery, Nga Yoke Kaung
Training Institute	Small Scale Industries Department (Pathein)
Date	24 June - 02 July 2019 (9 days)
Total Attendees	21 Pax (Nga Yoke Kaung, Nanttharpu, Kyway Chaing)
Topics	Making Fruit Jam, Jelly, Juice, Sauce, Pop Corn, Baking Fruit Cake, Cookie, Crepe, Pan Cake, Chiffon Cake with Flour and Eg

Training Name	Value-added Consumer Goods Training
Venue	Kyway Chaing Village Tract
Training Institute	Small Scale Industries Department (Pathein)
Date	03 July – 09 July 2019
Total Attendees	19 Pax (Nga Yoke Kaung, Nanttharpu, Kyway Chaing)
Topics	<ul style="list-style-type: none"> • Making various kinds of soap and detergents, glass cleaner, shampoo products, • Tha-na-kha based cosmetics products, make-up, lotion, facial form, • Various kinds of vanishing cream, body powder, facial powder and etc.

Training Name	Occupational Health & Safety Training (First Batch)
Venue	Aungthukha Monastery, Nanttharpu Village Tract
Training Institute	WIN OSHE Safety Academy
Date	25 - 26 July 2019
Total Attendees	28 Pax (Nga Yoke Kaung, Nanttharpu, Kyway Chaing)
Topics	<ul style="list-style-type: none"> • Safety Management, Safety Terminology • Safety Laws and Regulations • Hazard Identification • Risk Assessment, Risk Control Measures • PPE, Material Handling • Electrical Safety, Mechanical Safety • Working at Height Safety • Occupational Health • Fire safety • Emergency Response Plan

Training Name	GYB-SYB Training
Venue	Nga Yoke Kaung and Kyway Chaing
Training Institute	ILO curriculum delivered by in-house trainer
Date	18 – 19 July & 20 - 21 July 2019 (2 sessions)
Total Attendees	26 Pax (Nga Yoke Kaung, Nanttharpu, Kyway Chaing)
Topics	<ul style="list-style-type: none"> • How to generate your business • How to choose the best idea to do small business • Marketing plan and Financial plan for small business

Training Name	Welding Training
Venue	Skills Training Center, Pathein Tsp
Training Institute	Departmental Staff from Ministry of Labour
Date	29 July to 28 Aug 2019
Total Attendees	10 Pax
Topics	<ul style="list-style-type: none"> • Introduction to Occupational Health and Safety • Basic Knowledge of Mechanical Works • Metallurgy Knowledge • Basic Drawing • Symbols of Welding Work • Type of Welding (Lecture and Practical)

Training Name	Occupational Health & Safety Training (Second Batch)
Venue	GAD Office (Nga Yoke Kaung)
Training Institute	WIN OSHE Safety Academy
Date	29 August – 30 August 2019
Total Attendees	27 Pax (Nga Yoke Kaung)
Topics	<ul style="list-style-type: none"> • Safety Management, Safety Terminology • Safety Laws and Regulations • Hazard Identification • Risk Assessment, Risk Control Measures • PPE, Material Handling • Electrical Safety, Mechanical Safety • Working at Height Safety • Occupational Health • Fire safety • Emergency Response Plan

Training Name	Occupational Heal & Safety Training (Third Batch)
Venue	Ywama Monastery (Kyway Chaing)
Training Institute	WIN OSHE Safety Academy
Date	31 August – 1 September 2019
Total Attendees	24 Pax (Kyway Chaing, Nanttharpu)
Topics	<ul style="list-style-type: none"> • Safety Management, Safety Terminology • Safety Laws and Regulations • Hazard Identification • Risk Assessment, Risk Control Measures • PPE, Material Handling • Electrical Safety, Mechanical Safety • Working at Height Safety • Occupational Health • Fire safety • Emergency Response Plan

Training Name	Excavator Training
Venue	Corporate Learning Center, Myanmar Kaido Co., Ltd, Machinery Operators Training School (MOTS), Magwe
Training Institute	Myanmar Kaido Co., Ltd,
Date	07 August to 25 September 2019 (36 Days)
Total Attendees	5 Pax (Nga Yoke Kaung - 2, Nanttharpu - 1 and Kyway Chaing - 2)
Topics	<ul style="list-style-type: none"> • Product Knowledge of Hydraulic Excavator, • Operating Controls and Techniques, • Safe and Proper Operation, • Proper Maintenance Procedures, • Practice Operation and Maintenance, • Written Test and Individual Assessment

Training Name	Carpentry Training
Venue	Nga Yoke Kaung Town
Training Institute	Thuwunna Training School, Ministry of Construction
Date	2 - 30 September 2019
Total Attendees	25 pax
Topics	<ul style="list-style-type: none"> • Health & Safety Procedure • Basic Measurement and Calculation (Theory and Practical) • Interpretation of Plans and Specifications (Theory) • Using Carpenter Hand Tools (Theory & Practical) • Carpentry Power Tools (Theory & Practical) • Making Levelling for the Foundation (Theory & Practical) • Making Timber Formwork for Concrete Post (Theory & Practical) • Fabricating Beam, Rafter, Purlin and Fitting (Theory & Practical) • Theory and Practical Exams

Training Name	Masonry Training
Venue	Nanttharpu Village Tract
Training Institute	Thuwunna Training School, Ministry of Construction
Date	2 - 30 September 2019
Total Attendees	26 pax
Topics	<ul style="list-style-type: none"> • Health & Safety Procedure • Basic Measurement and Calculation (Theory and Practical) • Interpretation of Plans and Specifications (Theory) • Using Worksite Tools (Theory & Practical) • Bricklaying Power Tools (Theory & Practical) • Basic Levelling Procedures (Theory & Practical) • Using Specific Type of Mortar (Theory & Practical) • Laying Brick and Brock (Practical) • Workplace Communications and Housekeeping (Theory & Practical) • Theory and Practical Exams

Progress Summary of Training Series for FY 2019-2020

Sr.	Training Topic	Trainees No.	Remarks
1	Good Animal Husbandry Practices	13	
2	Value-added Consumer Goods	19	8 start-up businesses
3	Value-added Food Products	21	2 start-up business
4	SSHE Training		-
	1 st Batch	28	
	2 nd Batch	27	
	3 rd Batch	24	
5	Mason Training	23	20 passed NSSA Level 1 Test
6	Carpenter Training	25	20 passed NSSA Level 1 Test
7	Welding Training	10	7 passed NSSA Level 1 Test
8	Excavator Training	5	All passed Driving C License Test
Total		195	

Annex – 3 Operational Grievance Mechanism Operational Grievance Mechanism Cases Summary

Date	Grievance	Action Taken	Duration Between received and feedback (Days)	Duration Between received and feedback (Days)
22 Aug 17	Tha Pyay road that the most of community member use was damaged due to overloaded trucks.	Contractor supported 120,000 Kyats to buy 200 bags of cobble-stone to repair the road.	4	11
17 Sept 17	Drainage wall in front of Nga Yoke Kaung monastery was damaged because of contractor's activity while they are transporting material for survey works.	Contractor supported 100,000 Kyats for the repairing cost of drainage wall.	2	
20 Dec 17	Road between Nanttharpu village and Kway Chaing village was destroy due to passing of overloaded trucks to the project site.	After discussion with contractor, contractor supported 100,000 MMKs as a labors cost to repair the road and renovation of road will be take responsible by road renovation Committee.	1	15
15 Feb 18	Road between Nga Yoke Kaung and Kway Chaing village was constructed by community and also it was destroyed due to local truck and tours car using in the past. But now the damage becomes more serious because of overload trucks using for M&AOSB site access road and Community members also suffer from dust and noise due to over speeding of vehicles.	M&AOSB replied that M&AOSB will reinforces with contractor to drive no more than 40km/hr in the village. Also they will inform regional government for upgrading road between Nga Yoke Kaung and Nanttharpu Village. Assessment for CSR program and Community investment program will be implement in 2018.	11	43
15 Feb 18	Road between Nga Yoke Kaung and Nanttharpu Village will be destroy if overload trucks from M&AOSB started using for project. Community members also will suffer from dust.	M&AOSB replied that M&AOSB will reinforces with contractor to drive no more than 40km/hr in the village. Also they will inform regional government for upgrading road between Nga Yoke Kaung and Nanttharpu Village. Assessment for CSR program and Community investment program will be implement in 2018.	11	43
7 Mar 18	Small Bridge Kyauk Phya Village and Ah Lae Gone Village has been destroyed due to overload trucks use during transporting stone for site access road.	Materials (rocks, labor, etc.) provided in kind for repairs.	4	6
4 Nov 18	Requested to provide gravel (5) sub to be used in Tha Pyay Road Renovation.	Contractor supported 75,000 Kyats and agreed to support another 75,000 Kyats during demobilization process.	1	8

OGM Information Boards Locations



Annex – 4 Reference Photos

Current Project Environment

	
<p>View from M&AOSB Project Area</p>	
	
<p>Temporary Camp and Solar Panel</p>	<p>Temporary Camp</p>
	
<p>Solar Panel Board on Site</p>	<p>Temporary Two Story Staff Quarter</p>
	
<p>Temporary Access Gate to M&AOSB Project Area</p>	<p>Temporary Access Gate to M&AOSB Project Area</p>



Water Well at the M&AOSB Site



Tube Well at the M&AOSB Site



Temporary Toilet at Site



Septic Tank at Site



Generator for Temporary Camp



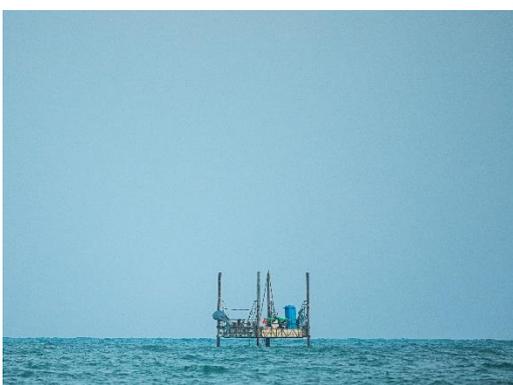
Temporary General Waste Collection

Technical Survey Photos





Offshore (Phase 1) and Onshore Soil Surveys (Aug- Sept 2017)



Offshore Soil Survey (Phase 2) (Nov 2018 to Jan 2019)

Community Investment Photos









Value-added Food Products Making Training (July, 2019)



School Health and Nutrition Program (July, 2019)



GYB-SYB Training (July, 2019)



Occupational Health & Safety Training





Practice Sessions for NSSA Level-1 Tests







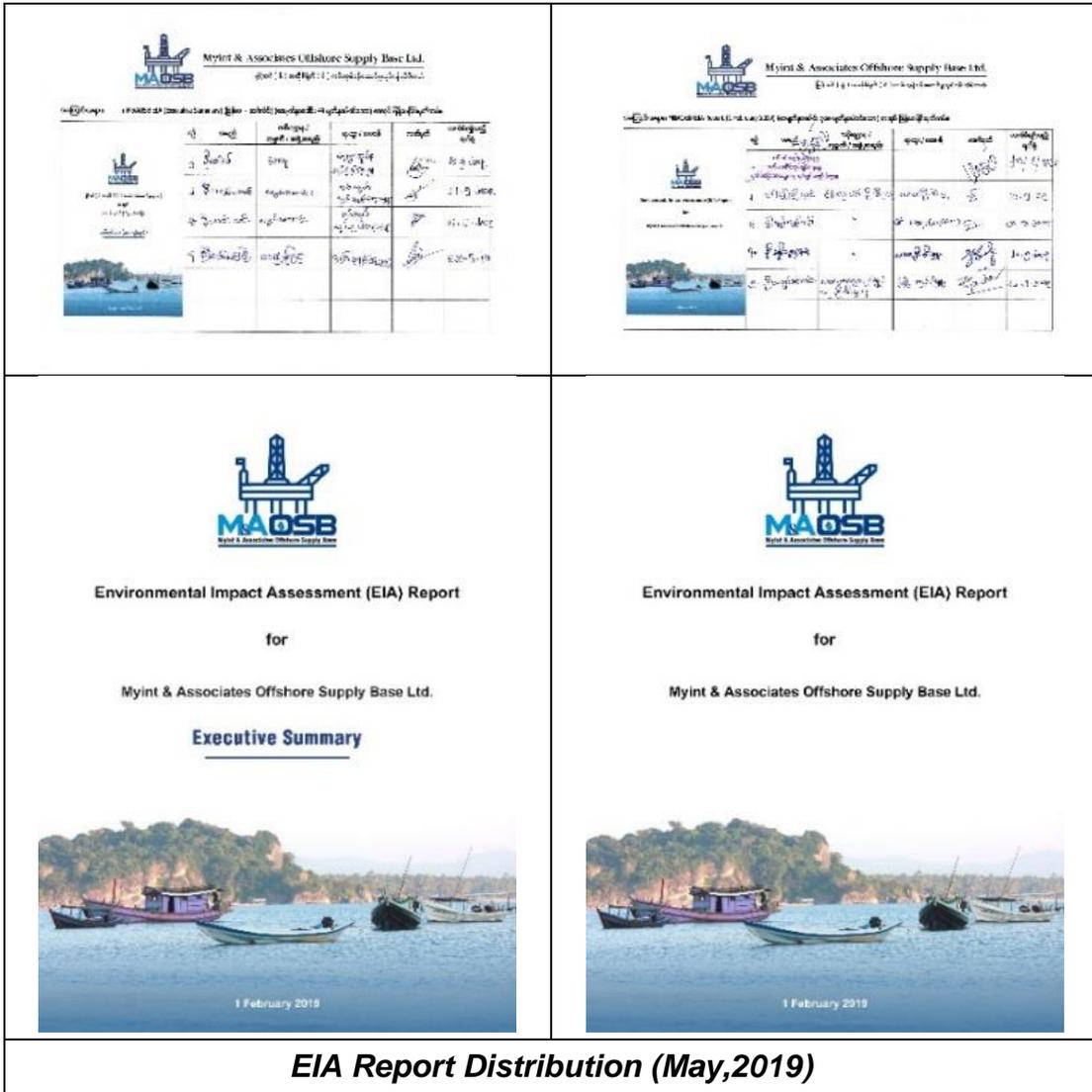
Welding Training Closing Ceremony (August, 2019)



Stakeholder Engagement and Project Information Disclosure Photos



Meeting with MATA in April, 2019



EIA Report Distribution (May,2019)



Engagement Meeting with Regional Government Officials (May, 2019)



ECC Disclosure at Pathein (June, 2019)



ECC Disclosure at Pathein (June, 2019)



ECC Disclosure at Nanttharpu (June, 2019)



ECC Disclosure at Nanttharpu (June, 2019)



ECC Disclosure at Ayeyarwady Region Parliament (June, 2019)



Stakeholder Engagement (July, 2019)



Engagement Meeting with Marine Science Dept., Pathein University (Aug, 2019)



Stakeholder Engagment Meetings (September,2019)



Stakeholder Engagement Meetings (September,2019)



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