**[Name of Project]**

**Contractor environmental and social managmetn ESMP template**

# INTRODUCTION

* Project involves refurbishment of classrooms and limited construction works associated with XXXX.
* This Contractor Environmental and Social Management Plan (CESMP) sets out the Contractor requirements for environmental and social controls and for Occupational Health and Safety.

# REGULATORY CONTEXT

* Marshall Islands Legislation - Solid Waste Regulations 1989
* World Bank Environmental and Social Framework

# OCCUPATIONAL HEALTH AND SAFETY

* OHS under this Project will be regulated through the World Bank Group’s Environmental, Health, and Safety Guidelines which state that

*“Employers and supervisors are to implement all reasonable precautions to protect the health and safety of workers”*

* Preventive and protective measures should be introduced according to the following order of priority:
  + Eliminating hazards
  + Controlling hazards at source through use of engineering controls.
  + Minimizing hazards through design of safe work systems and administrative or institutional control measures..
  + Providing appropriate personal protective equipment (PPE) in conjunction with training, use, and maintenance of the PPE.

# POTENTIAL ENVIRONMENTAL AND SOCIAL IMPACTS AND RISKS

## Asbestos Containing Material

* The Secretariat of the Pacific Regional Environment Programme (SPREP) undertook a comprehensive asbestos survey across Majuro in 2014[[1]](#footnote-1). In this survey, 23 non-residential buildings were visited and inspected for asbestos. No evidence was reported of any asbestos fibers present.

## Land Access

* All works are to be undertaken within the existing footprint of Government land for which a valid lease must be cited. No land acquisition is provided for under ECD-I & ECD-II.

## Community and Occupational Health and Safety

### Community Health and Safety

* The potential risks to community health and safety are associated with the Project’s construction phase and would mainly comprise minor dust and noise impacts. The excavation works are relatively minor and will be limited in duration at one locality.
* Particular attention to be given to impact and nuisance to sensitive parties including schoolchildren.

## Occupational Health and Safety

* The extent and duration of works, the likely workforce involved, and the traffic volumes suggest that the OHS hazards from construction activities are relatively low.

## Waste Management

* Any management of waste will need a specific waste management plan prepared, with minimization and recycling/reuse as well as treatment and disposal. This is for construction or for services where waste will be produced.
* The quantities of waste generated from Project activities are likely to be small. However it is important that all waste is stored, handled and disposed of securely to ensure no leakage into the environment. No hazardous waste is anticipated, with the exception of asbestos waste which is unlikely to be encountered.

## Water Quality Impacts

* Drainage from site to be managed to avoid runoff of contaminants ot natural water.

## Vegetation Impacts

* Site vegetation status.

# MITIGATION MEASURES FOR CONTRACTOR

## General Obligations

* The Contractor shall comply with the Statutory Regulations in force in Republic of the Marshall Islands regarding environmental protection and waste disposal and shall liaise with the responsible national environmental authorities.

## Community and Worker Health and Safety

* The Contractor shall at all times implement all reasonable precautions to prevent and reduce accidents and injuries to staff and workers and protect the health and safety of the community.
* The Contractor shall at all times provide and maintain construction plant, equipment and systems of work that are safe and without risks to health.
* The Contractor shall provide, at his/her own expense, the protective clothing and safety equipment to all staff and labor engaged on the Works to the satisfaction of the Engineer. Such clothing and equipment shall include, as a minimum:
  + high visibility vests for workers directing traffic;
  + protective boots and gloves for the workforce undertaking excavation works;
* If the Contractor fails to provide such clothing and equipment, the Employer shall be entitled to provide the same and recover the costs from the Contractor.
* All the Contractor's personnel shall, before commencing work, have an induction course on safety and health at the site. The information and training shall be on the site and have duration of at least two hours.

The Contractor shall enable workers to refuse unsafe work environments with no repercussions.

* Where there are “chance finds” of suspected asbestos containing material, construction works should cease immediately at the location and the contractor must seek advice from the CIU Safeguards Team on appropriate management measures.

## Waste Management

* The Contractor shall, at all times, keep the construction area, including storage areas used, free from accumulations of waste materials or rubbish.
* All waste water and sewage from construction facilities shall be managed in accordance with local government regulations, and where and when such regulations require it the Contractor shall obtain a permit or other appropriate documentation approving the storage, treatment and disposal methods being used.
* Contractor to store solid waste to avoid risk of spillage.
* Contractor to provide evidence of satisfactory waste disposal (e.g. receipts

## Prevention of Water and Air Pollution

* The Contractor’s construction activities shall be performed by methods that will prevent accidental spillage into marine waters and underground water sources.
* Excavated materials or other construction materials shall not be stockpiled or deposited in a position where stormwater runoff can be contaminated.
* Wastewaters from concrete preparation, or other construction operations, shall not enter waterbodies without the use of control methods such as sediment filters.
* During the construction activities and operation of equipment, the Contractor shall minimize atmospheric emissions or discharges of air contaminants.
* During the construction works the Contractor shall reduce dust nuisance, and prevent dust from its operations damaging dwellings, or causing a nuisance to persons.

## Preservation of Vegetation

* All trees and other vegetation shall be preserved and shall be protected from damage by the Contractor’s construction operations and equipment.;
* Movement of labor and equipment for access to the work shall be performed in a manner to prevent damage to vegetation or property.

## Construction Facilities (if Applicable)

* The Contractor’s workshops, office, and yard area shall be located and arranged in a manner to preserve trees and vegetation and minimize impacts to local communities.
* On completion of works, all temporary buildings, including any concrete footings and slabs, and all construction materials and debris shall be removed from the site.

## Land Access

CIU Safeguards Team to sight and confirm lease agreements.

# CONSULTATION AND GRIEVANCE REDRESS MECHANISM

## Stakeholder Engagement Plan

* See ESMF Section 6.

## Grievance Redress Mechanism

* See ESMF Section 7.

**Annex 5: MPWIU Contractor Health and Safety Audit Form**

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|  | **A picture containing text, ceramic ware, porcelain  Description automatically generatedRepublic of the Marshall Islands**  Compact Infrastructure Program  **Contractor Health and Safety Audit** | |
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|  |  |  |  |
| --- | --- | --- | --- |
| Project Name: | [Project Name] | | |
| Project Code: | [Project Code] | | |
| Audit/Inspection Completed By: |  | Person(s) Seen: |  |
| Contractor/Area Audited: |  | Date: |  |

**Key:**

**OK** Meets requirements **CAR** Corrective Action Required

**N/A** Not Applicable **NC** Not Checked

| **Item No** | **Element, Checks and Records** |  | **Comments and Rating** |
| --- | --- | --- | --- |
| 1 | **Site Specific Health & Safety Plan** | HSE Plan Reviewed |  |
| 2 | Significant hazards identified with controls in place |  |
| 3 | **Inductions** | Site inductions of staff completed |  |
| 4 | **Toolbox Talks** | Regular toolbox talks taking place |  |
| 5 | **Training** | Competence of Plant Operators adequate |  |
| 6 | Competence of General Staff adequate |  |
| 7 | **PPE** | Minimum PPE requirements observed |  |
| 8 | Additional PPE worn where required |  |
| 9 | **Access / Egress** | Site signing in/out procedure available and in use |  |
| 10 | Access routes clearly defined |  |
| 11 | Access routes clear from obstructions |  |
| 12 | Housekeeping |  |
| 13 | Work area adequately fenced or taped off |  |
| 14 | Lighting - adequate for operations in place |  |
| 15 | **Mobile Plant** | Daily maintenance checks being undertaken |  |
| 16 | Guarding, seat belts, ropes etc. in place and used |  |
| 17 | **Work at Height** | Are measures in place to prevent falls from height and/or falling materials and are they adequate (e.g. work platforms with suitable edge protection / safety harnesses etc.) |  |
| 18 | Scaffolding - weekly inspections completed |  |
| 19 | Rescue procedure available and communicated to those involved |  |
| 20 | **Excavations** | Adequately supported or battered back and fenced |  |
| 21 | Access / egress into excavation |  |
| 22 | Records of daily / weekly inspections |  |
| 23 | **Tools and Equipment** | Electrical equipment tagged and tested in last 3 months |  |
| 24 | General condition of tools and equipment e.g., cables, splinters etc. |  |
| 25 | Lifeguards or similar in use |  |
| 26 | **Manual Handling** | If staff lifting heavy items, has this been considered in work planning and briefing |  |
| 27 | **Noise** | If noisy operations in progress, is hearing protection being worn and assessments prepared |  |
| 28 | **Hazardous Substances** | Storage of materials - safe, prevent loss, damage or contamination |  |
| 29 | Hazard Data Sheet available for each product and precautions being complied with |  |
| 30 | **Environmental Issues** | If the activity is adjacent to water, are silt, concrete, and fuel pollution prevention effective |  |
| 31 | Dust suppression - if dust is a problem is it being adequately controlled |  |
| 32 | Drip trays in place for static plant |  |
| 33 | Availability and location of Emergency Spill kit |  |
| 34 | Refueling operations controlled |  |
| 35 | **Waste** | Waste disposal - transfer notes in place (traceability) |  |
| 36 | Specified waste being recycled |  |
| 37 | Copy of Tip / Transfer Station license available |  |
| 38 | **Welfare** | Minimum facilities in place |  |
| 39 | **Emergency** | Fire Extinguishers available and tested |  |
| 40 | Procedures visible for all to see |  |
| 41 | Emergency procedures tested including alarms |  |

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| --- | --- | --- | --- | --- | --- | --- |
| **Action/Comment Sheet** | | | | | | |
| Date Issued: | | [Date] |
| To be completed by Auditor: | | | | | To be completed by Person Responsible for Action: | |
| Item № | Problem Observed/Comments (Note any specific Document Reference where relevant) | | | Person Responsible for Action | Corrective Action Taken/ Comments (If applicable) | Action Complete (Initials) |
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| Good Working Practices |
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**Signed:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. SPREP (2015) “Survey of the Regional Distribution and Status of Asbestos-Contaminated Construction Material and Waste - Best Practice Options for its Management in Pacific Island Countries. Report for the Republic of the Marshall Islands”. May 2015 [↑](#footnote-ref-1)