

Environment and Social Management Plan

MOHHS Old Hospital Labor and Delivery Ward Refurbishment and Repair Project

Final Revision 5

1. INTRODUCTION

Under the Multi-sectoral ECD program the Ministry of Health and Human Services (MOHHS) is undertaking refurbishment works in the Majuro Hospital Labor and Delivery Ward.. This Environmental and Social Management Plan (ESMP) relates to this repair and refurbishment work which involves interior work inside the wards and on the roof as set out in the following Table. Works in the Hallway, Waiting Rooms 1 and 2, and the Roof are relatively minor or are remote and will take place where possible whilst those areas remain operational. Works in other areas (Waiting Room 3, Nurse Station, Delivery Room Hallway, Delivery Room 1 and Delivery Room 2) will be undertaken whilst those areas are non-operational, or a sequence of works will be deployed so as to not interrupt the operation of these areas.

<p>Hallway</p> <ul style="list-style-type: none"> a. <i>Remove and replace existing double door and install new with visual clear glass. Verify on site.</i> b. <i>Replace base board with aluminum tin about 12" above floor level and treated timber (1" x 4") painted 1-primer and 2 topcoat to match existing color.</i> c. <i>Replace door knob @ nurse toilet.</i> d. <i>Remove and Replace tube lights with LED tube lights.</i>
<p>Waiting Room 1</p> <ul style="list-style-type: none"> a. <i>Replace base board with aluminum tin about 12" above floor level and treated timber (1" x 4") painted 1-primer and 2 topcoat to match existing color.</i> b. <i>Remove existing 8"x8" ceramic tiles and install new 8"x8" ceramic tiles @ toilet.</i> c. <i>Remove existing wall and replace with cement board @ toilet. Verify wall thickness on site.</i> d. <i>Replace base board with aluminum tin about 12" above floor level and treated timber (1" x 4") painted 1-primer and 2 topcoats to match existing color @ waiting room 1 toilet.</i> e. <i>Remove and Replace tube lights with LED tube lights.</i>
<p>Waiting Room 2</p> <ul style="list-style-type: none"> a. <i>Remove and install new tube lights.</i> b. <i>Replace wooden base board with alum. Tin 12" above floor level.</i>

Waiting Room 3

- a. *Remove existing wall and install new wall by using cement board. Verify thickness on site.*
- b. *Remove and Replace tube lights with LED tube lights.*
- c. *Replace base board with aluminum tin about 12" above floor level and treated timber (1" x 4") painted 1-primer and 2 topcoat to match existing color.*
- d. *Remove, repair and replace damage portion ceiling by using cement board. Painted to match existing color.*

Nurse Station

- a. *Install new counter drawers with cabinet doors. Ensure to apply new paint. Verify on site.*
- b. *Remove and install new 8"x8" ceramic tiles @ nursery room. Verify thickness on site.*
- c. *Remove, repair and replace wall @ nursery room with cement board and painted to match existing color.*
- d. *Replace base board with aluminum tin about 12" above floor level and treated timber (1" x 4") painted 1-primer and 2 topcoat to match existing color.*

Delivery Room Hallway

- a. *Remove, Repair damage portion ceiling with cement board. Painted to match existing color Verify thickness on site.*
- b. *Remove and Replace tube lights with LED tube lights.*

Delivery Room 1

- a. *Replace damage portion ceiling with cement board.*
- b. *Remove existing wall and install new wall by using cement board. Verify thickness on site.*
- c. *Replace base board with aluminum tin about 12" above floor level and treated timber (1" x 4") painted 1-primer and 2 topcoat to match existing color.*

Delivery Room 2

- a. *Replace base board with aluminum tin about 12" above floor level and treated timber (1" x 4") painted 1-primer and 2 topcoat. to match existing color.*

Roof

- a. *Install new aluminum roof tins with treated timber battens fixed to the existing roof of Labor & Delivery Ward including repair of gutters and fascia board.*

Refurbishment works will be undertaken by contractors commissioned by MOHHS under the supervision of the MWIU Project Management Unit.

These internal activities are all considered to have minor risks.

2. SCOPE OF THIS ESMP

This ESMP addresses all environmental, social and health and safety risks associated with the refurbishment works.

The ESMP is to be attached to and be part of the bid documents for the project works and the Contractor is accordingly required to comply with the ESMP.

Many of the matters raised in the ESMP are already included in conditions of Bid Documents for the Project. The ESMP provides clear guidance for key areas to be addressed under those Bid Document conditions.

The Bid Documents provide no explicit guidance in regard to consultation/grievance management, and this is covered in this ESMP.

In the event of any environmental and social safeguards conflict between this ESMP and the Bid Documents, this ESMP takes precedence,

3. ENVIRONMENTAL AND SOCIAL MANAGEMENT ROLES AND RESPONSIBILITIES

3.1. Names and Roles of Responsible People:

Management of Repair and Refurbishment works

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Environmental and Social Impact Oversight

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Contractor

Name: To be confirmed. Responsible for undertaking project works pursuant to requirements set out in contract documents, including this ESMP.

4. Summary of Environmental, Social and Health and Safety Risks

Environmental, social and health and safety risks associated with the project risks are summarised as follows.

4.1. Worker/public exposure to asbestos during construction and in relation to use of new products

The Secretariat of the Pacific Regional Environment Programme (SPREP) undertook a comprehensive asbestos survey across Majuro in 2014¹. In this survey, Majuro Hospital was included among the 23 non-residential buildings visited and inspected for asbestos. No evidence was reported of any asbestos in the hospital structure but one sample of Potentially Asbestos Containing Material (PACM) was retrieved from deteriorating lagging from the exhaust of a disused generator at Majuro Hospital. Analysis of that sample confirmed no asbestos fibres present.

Based on the detailed findings of this report and experience with other refurbishment and demolition projects through Majuro, it is considered that asbestos is not present at Majuro Hospital.

4.2. Unlawful land access or land acquisition

All works are to be undertaken within the existing building footprint at Majuro Hospital. MOHHS has a valid lease for this land, and the proposed activity is consistent with MOHHS activities under the lease. Accordingly there is considered to be no risk associated with unlawful land access or land acquisition.

4.3. Occupational Safety and Community Health and Safety

All works are inside existing buildings so there is no risk to the general community outside the hospital.

However the works are to be undertaken in an operational hospital where there may be sensitive persons (women in labor, newborn babies, health care workers etc.). There is therefore a potential risk that these sensitive persons will be disturbed or put at health risk by the activities.

The key mitigation measure in regard to occupational safety and community health and safety is reliance on contractual provisions set out in MWIU Bid Documents including in particular Contractor Sections GC 36.1 and C1.10 both of which relate to development of Health and Safety Plans with oversight by MWIU.

Section 4 of this ESMP sets out specific matters to be included in the above Health and Safety Plans including the need to

1. Implement all reasonable precautions to prevent and reduce accidents and injuries to staff and workers and protect the health and safety of the community including patients and staff in the hospital.

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

2. Provide and maintain construction plant, equipment and systems of work that are safe and without risks to health.
3. Provide appropriate protective clothing and safety equipment to all staff and labor engaged on the Works to the satisfaction of the Engineer/MWIU Supervisor.
4. Undertake hazard identification prior to commencing works; assessing risks and establishing procedures to avoid or reduce risks.
5. Ensure that all the Contractor 's personnel, before commencing work, are advised of risks and hazards on site.
6. Deployment of signage to explain there are construction works in place and to stay out/away from the construction zone.
7. Ensure patients, visitors and staff are kept safe during construction.
8. Consult with MOHHS and Hospital Staff to ensure that hours of operation (nominally 07:00 to 19:00) are acceptable under Hospital operational and patient safety requirements; and modify working hours on a case by case basis if advised by MOHHS/Hospital Staff to do so for reasons of patient/hospital worker comfort and safety.
9. Ensure that no materials containing asbestos are procured for, or installed on, this project. The Contractor is to provide records to comply with this condition.
10. Implement a procedure to investigate incidents (including near miss incidents) and to identify associated corrective actions,
11. Develop a system of managing complaints and grievances and respond swiftly to complaints to avoid or mitigate health and safety incidents.

4.4. Waste Management

There will be some packaging waste from new system components and there may be quantities of residual demolition material for disposal.

The key mitigation measure in regard to waste management is reliance on contractual provisions set out in MWIU Bid Documents including in particular Section C1.13 which requires the Contractor to prepare and submit an Environmental Management Plan to the MWIU Project Manager for review within 2 Weeks of the Date of Acceptance of Tender. Such plan shall identify the measures and the sequences of operations to be adopted by the Contractor, in order to satisfy the applicable regulations and constraints. The Environmental Management Plan is to cover a full range on matters including construction waste disposal.

1. Section 4 of this ESMP sets out specific matters to be included in the Environmental Management Plan for waste management including the need to
2. Store, handle and dispose of all waste securely.
3. Dispose only to the Majuro Municipal landfill in accordance with landfill operator's requirements and conditions. Contractor to provide evidence of satisfactory waste disposal at Majuro landfill (e.g. receipts).
4. Before considering disposal, ensure that waste generation is minimized and waste is recycled/reused where possible by the Contractor private sector or community..
5. Segregate hazardous waste (such as tube lightbulbs) from non-hazardous solid

waste and any potentially hazardous wastes should be declared to the waste contractor or landfill operator.

4.5. Consultation and Grievance Management

The requirements for consultation and grievance management are not explicitly covered under MWIU Bid Documentation and therefore specific measure will need to be established. Section 4 below addresses consultation and grievance procedures which should include the following matters to mitigate risk of stakeholders being unable to communicate/raise grievances with project personnel.

1. Installation of signage.
2. Develop process for receiving and managing complaints that is consistent with the ECD Hospital Refurbishment ESMP.

5. Environmental, Social, Health and Safety Requirements

The following environmental, social, health and safety matters shall be addressed in the Contract documents for any contractor works for the refurbishment. Contractor shall comply with these requirements. Reference is made as appropriate to General Conditions of MWIU Standard Bid documents.

5.1. General

Requirement	MWIU Standard Bid Document Status
The Contractor shall comply with the ECD Hospital Refurbishment ESMP. This ESMP will form part of the Bid Documents and Contract.	Compliance with individual items noted below in this section.
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.	Covered under MWIU Bid Document Section GC 31 and GC 36

5.2. Occupation and Community and Worker Health and Safety

Requirement	MWIU Standard Bid Document Status
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, including patients and staff in the hospital (with particular reference to avoiding adverse impacts on patients and staff arising from noise, dust, trip hazards, privacy, access to services without constraint or risk to wellbeing).	Covered under MWIU Bid Document Section GC 36.1 and C1.10. PIU to provide liaison in respect of appropriate working hours.

<p>Consult with MOHHS and Hospital Staff prior to works commencing to agree on measures to maintain and protect patient and staff safety, comfort and privacy during works.</p> <p>Notwithstanding the above, the Contractor shall take all reasonable steps to ensure patients, visitors and staff are kept safe, comfortable and private during construction.</p> <p>Particular consideration will be given to the fact that workers will likely be men and patients will likely be women – specific consideration must be given by the Contractor to requiring workers respect patients privacy at all times.</p>	
<p>Consult with MOHHS and Hospital Staff to ensure that hours of operation (nominally 07:00 to 19:00) are acceptable under Hospital operational and patient safety requirements; and modify working hours on a case by case basis if advised by MOHHS/Hospital Staff to do so for reasons of patient/hospital worker comfort and safety.</p>	
<p>The Contractor shall ensure that no materials containing asbestos are to be procured or installed on this project. The Contractor is to provide records to comply with this condition.</p>	
<p>The Contractor shall at all times provide and maintain construction plant, equipment and systems of work that are safe and without risks to health. This shall include maintaining equipment, engines, and related electrical installations in good working order; maintaining a clean and tidy work space; providing guards and rails, signals and lighting; providing work site rules, safe working procedures and allocating appropriate places to carry out the work.</p>	
<p>The Contractor shall provide, at his/her own expense, appropriate protective clothing and safety equipment to all staff and labor engaged on the Works to the satisfaction of the Engineer/MWIU Supervisor.</p>	
<p>All the Contractor 's personnel shall, before commencing work, be advised of risks and hazards on site.</p>	

5.3. Waste Management

Requirements	MWIU Standard Bid Document Status
The Contractor shall at all times keep the	Covered under MWIU

construction area including storage areas used free from accumulations of waste materials or rubbish.	Bid Document Section GC 50.1 and Section C1.13
The Contractor shall before considering disposal, ensure that waste generation is minimized and waste is recycled/reused where possible by the Contractor private sector or community.	
All residual waste shall be stored handled and disposed to Majuro Landfill in accordance with landfill operator's requirements and conditions. Contractor to provide evidence of satisfactory waste disposal at Majuro landfill (e.g. receipts).	
Regulation 34(b) of the Solid Waste Regulations 1989 require that hazardous waste is supposed to be managed separately at landfills. The Contractor should segregate hazardous waste (such as tube lightbulbs) from non-hazardous solid waste and any potentially hazardous wastes should be declared to the waste contractor or landfill operator.	

5.4. Consultation and Grievance Management

Requirement	MWIU Standard Bid Document Status
<p>The Contractor shall install signs in the vicinity of the construction area to explain there are construction works in place and advise people to stay out/away from the construction zone. The signs will also provide contact details for any third parties who might wish to raise complaints or issues about the works.</p> <p>The Contractor shall have a process for receiving and managing complaints that is consistent with the ECD Hospital Refurbishment ESMP.</p> <p>The Contractor Supervisors shall promptly record, address and close out any complaints or grievances received and report all records to the MWIU supervisor. MWIU Supervisor shall forward these records to the CIU Safeguards Advisors on a weekly basis.</p> <p>The Contractor Supervisor shall escalate significant grievances to the CIU or MWIU PMU as relevant.</p>	<p>Not explicitly covered under MWIU Bid Documentation.</p> <p>This ESMP is part of the Bid Documentation to which the Contractor must comply with particular regard to matters set out in Section 6 below.</p> <p>PIU will provide an audit role to verify compliance with Section 6</p>

6. Consultation and Grievance Redress Mechanism

6.1. Stakeholder Engagement

Subject to the written approval MWIU, signs will be installed at the hospital entrance and adjacent to the works areas to explain there are construction works in place and advise people of timing of works and directing people to stay outside or away from the construction zone.

These signs will also provide contact details for any parties who might wish to raise complaints, issues or concerns about the works. Contact details (phone, email) will be provided for construction supervisor, MWIU management and CIU Safeguards. Any comments complaints or issues received shall be escalated in the project grievance process set out below.

6.2. Grievance Redress Mechanism

Complaints may be raised directly with Contractor's staff who will endeavor to address complaints immediately. If this is not possible the complaint will be escalated to the ECD Advisor as set out below. All direct complaints will be notified to the ECD Advisor by Contractor's staff within 6 hours of the complaint being received.

The ECD Advisor will be responsible for ensuring that, on receipt of each complaint, the date, time, name and contact details of the complainant (unless anonymous), and the nature of the complaint are recorded in the Complaints/Feedback Register along with the measures to resolve the issue.

The complaint shall be forwarded to the ECD Advisor at the relevant Implementing Agency, who shall screen it to determine whether it relates to the Project, in which case this procedure will apply; or whether it relates to another matter in which case the ECD Advisor shall refer the complainant to a relevant external complaints procedure.

For Complaints about the Project, the ECD Advisor shall endeavor to resolve the complaint within one (1) day for complaints about day to day works and in any event within two (2) weeks.

Should any complainant remain unsatisfied with the response of the ECD Advisor after two weeks, the complaint will be referred to the ECD Program Manager. The Program Manager will take earnest action to resolve complaints at the earliest time possible by liaising directly with representatives of MOHHS as appropriate. The aggrieved party should be consulted and informed of the course of action being taken, and when a result may be expected. Reporting back to the complainant will be undertaken within a period of two weeks from the date that the complaint was received.

If the Program Manager is unable to resolve the complaint to the satisfaction of the aggrieved party, the complaint will then be referred to the ECD Project Steering Committee (PSC) for resolution within 1 month of referral.

Should measures taken by the PSC fail to satisfy the complainant, the aggrieved party is free to take his/her grievance to the RMI Court, and the Court's decision will be final.

7. Record keeping, monitoring and review

7.1. General

The Contractor will complete MWIU's Standard Project Audit Form as set out in Annex 1 and provide the completed form to MWIU for verification on a weekly basis.

7.2. Community Health and Safety Risks

In addition to the Form referred to in Section 7.1, the Contractor will provide MWIU with information on a weekly basis relating to any issues with noise, dust, privacy breaches and other risks to patients and health care professionals.

7.3. Incident Recording and Reporting

7.3.1. Fatalities and Lost Time Incidents

The Contractor will report lost time harm incidents to the MWIU and PMU within 24 hrs, and project-related fatalities immediately. The PMU will report such incidents to the Bank within the same timeframes.

7.3.2. General Reporting

The Contractor will keep the following records (in a site diary or similar) and will forward to the PMU Manager each week:

1. Number and type of environmental, social or health or safety incident or significant 'near miss' and follow up / close out of the incident.
2. Number and type of complaints received and follow up / close out of the complaint.

MWIU through PMU Manager or delegate will verify compliance with this ESMP during each site visit and with each progress meeting. Specific audits will include:

1. Verify that the cement board is free from asbestos through an audit of the supply chain.
2. Verify that waste is stored correctly, recycling and hazardous materials are separated from solid waste and records are kept of waste going to landfill.
3. Verify that the correct safety risks have been identified and controls have been put in place to avoid and minimize harm, as per contract clauses listed above.
4. Verify Contractor's records of incidents and complaints.

Where necessary MWIU through the PMU Manager or delegate will consult and seek advice from the CIU Safeguards Team.

The PMU Manager will include the compliance checks in the regular reporting to the ECD Project Manager and will be included in the six monthly report to the World Bank.

7.4. Review and Monitoring

The Contractor will assist the CIU with reviews of environmental and health and safety management at operational sites, with such reviews addressing compliance with this ESMP. Reviews will be undertaken once within 7 days of works commencing and at one month intervals thereafter.

Annex 1: MWIU Contractor Health and Safety Audit Form



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Contractor Health and Safety Audit

Project Name: [Project Name]

Project Code: [Project Code]

Audit/Inspection Completed By: _____ **Person(s) Seen:** _____

Contractor/Area Audited: _____ **Date:** _____

Key:

OK Meets requirements

N/A Not Applicable

CAR Corrective Action Required

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	Electrical equipment tagged and tested in last	



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	Equipment	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		Refuelling 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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Date Issued: [Date]

To be completed by Auditor:			To be completed by Person Responsible for Action:	
Item No	Problem Observed/Comments <small>(Note any specific Document Reference where relevant)</small>	Person Responsible for Action	Corrective Action Taken/Comments (If applicable)	Action Complete (Initials)

Good Working Practises

Signed: _____
Date: _____