

Environmental and Social Management Plan (ESMP)

RMI: Sustainable Energy Development Project (SEDP)

Executive Summary

Scope of ESMP

This Environmental and Social Management Plan (ESMP) for the Sustainable Energy Development Project (SEDP) of the Republic of the Marshall Islands (RMI) has been prepared by an independent consultant on behalf of the Division of International Development Assistance (DIDA).

The ESMP provides the set of mitigations, monitoring, and institutional measures to be taken during the implementation and operation of the SEDP to eliminate adverse environmental and social impacts, offset them or reduce them to acceptable levels. The ESMP also includes the actions needed to implement these measures.

It is the responsibility of the Project Implementation Unit (PIU) under the Marshalls Energy Company, Inc. (MEC), to ensure that the SEDP ESMP is fully integrated into the Project. The ESMP shall form part of any bid documentation for physical works, and it shall be the PIU's responsibility to ensure that the technical requirements and data sheets of Project bid documentation is subject to review against this ESMP to ensure that all appropriate safeguard measures are captured at the bid stage.

Project Summary

Currently, more than 90 percent of energy provision in RMI is dependent on expensive imported fuels making it the costliest sector of nations economy.

In Majuro, the Marshalls Islands Company (MEC) operates an ageing power station with four out of seven generators currently in operation. Since the introduction of prepaid electricity meters in 2010, and following the loss of one major customer, there has been a steady decrease in the demand for electricity. There are also several solar PV systems in Majuro feeding into the distribution network. The network itself is over 30 years old and in need of

Tarlep in Peba In

Tarlep in ESMP in

Environmental and Social Management Plan (ak ESMP) in aikuji ñan jermal eo eļap ña etan Sustainable Energy Development Project (SEDP) eo im ej an Majeļ (ak RMI) im juon kumi eo ejenolok jān kien ekar kōpooje tok ilo etan Division eo an International Development Assistance (ak DIDA).

ESMP in ej kaalikkari tok jet buñtōn ko ñan būki em kōmmani ñan ña mejlan em kadiklok juon jorrān, wāween waati buñtōn kein in lali rōkkar ke, em joñak ko wōpij ko tōllōkier rōnaaj aikuju loori ilo iien eo SEDP ej bōk jikin ñan kadiklok jorrān eo ejelōt jukjuk-im-pād kab peļaa ko em mour ko an ro rej amnak ijekein, em kadiklok jorrān ko waļok jāni ñan joñan ko me maroñ maðmōdi. ESMP in ebareinwōt kūtbuuj ta ko aikuju in lipjerjeri em kōmmani ñan kōmman bwe joñak kein ren bōk jikier.

Project Implementation Unit (PIU) eo ej an eddo iumwin tōl an Marshalls Energy Company, Inc. eo (ak MEC), ñan waate wōt bwe SEDP ESMP eo en bōk jikin ilo Project in. ESMP in naaj aikuju bwe en wōr jet peba ko aikuju kijjien ekkal (ak jermal ko aikuju armej ñan-i), em enaaj aikuju an PIU eo eddo ñan waate bwe aolep peba ko aikuju ñan Project in kijjien data em wāween ko jet aikuju naaj etali em keidi bwe ren loori aolep jekjek em buñtōn ko rōkkar tata ñan kōjparok mour an armej ro kab peļaa ko ekoba jukjuk-im-pād ko ñe enaaj diwōj lok karreelel ko.

Tarlep in Project in ilo Tu-Kadu in

Ilo tōre in, ewōr eļap lok jān ruatimjuonñoul bōjjān in jarom eo ilo Majeļ (ak RMI) ej pedped ioon kaan ko rōļļap oñāaer me rej kōmman bwe en ije eļap an diwōj lok jān ko me ren kar kōjeraammane armej ro em laļ eo.

Ilo Mājro, MEC ej kōjermal jet engine ko me rōlukkuun in rūtto em moor dede in ke emān wōt iaan engine ko jiljilimjuon aolep rej jermal wōt ñan rainin. Jān ke jarom eo me armej rej kōļļaik oñān kōn joñan jān eo ewōr ippāer ekar jino bōk jikin ilo 2010 eo, dede in ke juon iaan ro eļap aer kar kōjermal jarom ekar emmakūt, ekar jino dik lok aikuju jarom. Ebareinwōt wōr jet solar PV system ko ilo Mājro me rej jipañ leļok jarom ñan engine ko ilo moor

significant reinvestment and modernisation, additionally the distribution network was not designed to accommodate any power generation from renewable energy (RE) systems.

On Ebeye, KAJUR has a generation capacity sufficient to meet Ebeye's population demands. There are four high-speed generators however the engines are run down and would need to be replaced as part of any new generation project implemented on the island. There is currently no solar PV or any other RE on Ebeye.

The SEDP, funded by the World Bank, has been developed to contribute to the long-term sustainability of the RMI energy supply and to support a shift away from diesel power generation to renewable energy (RE). The following table summarising all RE activities being financed by the project with more details provided below regarding specific investments.

Energy Investments	<ul style="list-style-type: none"> Supply and installation of several solar PV systems, a Battery Energy Storage System (BESS) and grid-management equipment. Install solar PV arrays on Majuro. Diesel genset(s) in Ebeye and Majuro.
Promotion of energy efficiency	<ul style="list-style-type: none"> A program for MEC and KAJUR will be designed and implemented to provide recommendations to achieve loss reduction. A program to enhance efficient use of energy including awareness campaigns and training. Supply and installation of selected EE investments. Development of policies and regulations for energy efficiency
Technical Assistance, Capacity Building and Project Management	<ul style="list-style-type: none"> A program of activities designed to enhance the capacity of MEC, KAJUR and EPD will be carried out. Support the preparation of studies for the subsequent phases of the Project, including preparation of safeguards instruments for RE projects for Ebeye and the Outer

jarom eo. Jekjek in leļok jarom in emootļok jān jilnūul iiō rūtto in em ej aikuļ in wōr jet joortok-lik ko nān kōkāāle, dede in ke jekjek in leļok jarom in jān solar PV ko ej jab maroñ bōk jarom jān wāween ebbōk jarom ko jān meram in aļ em wāween ko jet ņa etaer renewable energy (ak RE).

Ioon Ebeye eņ, KAJUR ebwe maroñ eo epād ippān nān an leļok jarom āinwōt aikuļi jān armej ro rej amņak ioon. Ewōr emān generator ko, ijoke engine kein rōjino ņor ļok em maroñ in naaj aikuļ in kōkāāli āinwōt an ņōttan wōt project in leļok jarom nān armej ro ioon āne eņ. Ejjeļok solar PV ak RE ko jet ioon Ebeye rainin.

SEDP in, eo im ej itok jān ko jān World Bank eo, eņōj ejaake nān liļok jet buñtōn ko bwe wāween leļok jarom nān armej en to kūtien em tōpar epepen ko tok ālik em nān bar jipañ bwe kadikļok pedped ioon kaan ko āinwōt diesel nān wāween ko jet maroñ bōk jarom jān-i āinwōt meram in aļ kab ko jet, ak renewable energy (RE). Tebōļ ņe ilaļ ej kallikkar tok tarlep in jermal em ņakūtūt ko kijjien RE me jān in jipañ naaj itok ilo project in ekoba meļeļe ko rōtipdik kijjien men kein naaj joļok jān nān-i ilo kōjatdikdik ke rōnaaj jipañ.

Joortok-lik nān ņa mejlan iaļ in leto-letak jarom	<ul style="list-style-type: none"> Men ko kōbwebwein kab kōļļaaak (ak bobo) jet solar PV system ko, juon Battery Energy Storage System (BESS) ekoba kein jermal ko aikuļi nān kōjjeikiiki leto-letak jarom. Kōļļaaak (ak Bobo) solar PV array ko ioon Majuro. Generator ko me rej bōk kaan jān diesel ilo Ebeye em Mājro.
Karreel em kōļapļok meļeļe kijjien tokjān kab aorōkin leto-letak jarom	<ul style="list-style-type: none"> Juon program nān MEC em KAJUR naaj elmōkote em kattōre bwe en kwaļok jet kōļmenļokjeņ ko nān ļōmņak eaki nān kadik ļok kōjerbal jarom ijeko rōkkar. Juon program nān kōļap ļok jeļā kijjien jekjek ko rōtiljek tata kijjien kōjerbal jarom ekoba jet kamminene. Men ko kōbwebwein kab kōļļaaak (ak bobo) EE ko eņōj kāālōti. Ejaak kakien ko nān kōjparok kōjerbal jarom
Jipañ/Kapilōk Tok Jān Ro Rōtijemļok, Kōļapļok Kapeel ko	<ul style="list-style-type: none"> Jet ņakūtūt ko elmōkoti nān kōļap ļok kapeel ko ippān ri-jermal ro an MEC, KAJUR, em EPD me rōnaaj kōmņan.

	<p>Islands (Wotje, Jaluit, Rongrong and Santo).</p> <ul style="list-style-type: none"> • Prepare mechanism for maintenance fund and support training of MEC and/or KAJUR on the O&M strategies. • Support and strengthen MEC's capacity for project management and implementation, coordination, monitoring and evaluation, and reporting through the establishment of a PIU in MEC.
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<p>Ippān Ri-Jerbal ro em Wāween Kōpeḷaake Project in</p>	<ul style="list-style-type: none"> • Jipaṅ kōpooje ekkatak ko ṅan pojak ṅan jerbal ko aikuji tok ālik ilowaan Project in, ekoba pojak ko kijjien safeguard instrument ko kijjien wāween ko bōk jarom jān-i āinwōt meram in aḷ im ko jet ilo Ebeye em aelōṅ ko likin (Wōjje, Jālooj, Roṅroṅ em Santo). • Kōpooj juon jekjek in jerbal eo etiljek kijjien kōjjeikiiki jān in joortok-lik ṅan kōjparoki kein jerbal ko kab iaḷ in jipaṅ ebbōk kamminene ibwiljin ri-jerbal ro an MEC em/ak KAJUR kijjien jekjek ko kōmlōt ilo O&M eo. • Jipaṅ em kōkajoor ḷok kapeel ko ippān ri-jerbal ro an MEC kijjien kōpeḷaaki project in em wāween kattōre, kōjjeikiiki, kōmman jerbal in etale ko ṅan waate, em kab kwaḷoki ḷok ta ko loi jān ekkatak kein ḷok ṅan PIU eo ilo MEC.
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Solar Array Systems in Majuro: A detailed assessment of potential sites able to host the solar panel arrays has identified 9 locations as being suitable, with total installed capacity of about 4.13MW. The final locations of the solar panel arrays have not yet been confirmed however, several primary candidate sites have been identified. These include:

Water Reservoir: The proposed design for the water reservoir entails solar arrays being mounted above the water. This option is attractive as it provides multiple benefits such as reducing evaporation of fresh water, reducing light dependent algae growth and not requiring large areas of land to host the array.

Building Roofs: Installation of panels on the roofs of government buildings is an efficient way to increase solar PV surface area while minimizing the need for land and minimising impacts on privately owned buildings.

Basketball Courts, Open Hospital Spaces and Car Parks: Installation of solar arrays above basketball courts, car parks and other green areas is included in the identified list.

Diesel Generators: The KAJUR power station on Ebeye is proposed to get one, possibly, two new generators installed on the existing footprints to improve fuel

Solar Array System ko ilo Mājro: Juon ekkatak eo etipdik meḷeḷe ko ie kijjien ijeko me rōmaroṅ emman ṅan likūt solar panel kein ie ej kallikkar ke ewōr ruwatimjuon jikin kein me rōmman, me naaj kwaḷok joṅan kajoor in jarom eo kōn 4.13MW. Ijeko me rōmman em rōkkar tata ṅan likūti solar panel kein ie rōjjaṅin alikkar, ijoke, jejjoyo jikin ko ilōṅ tata emōj kaalikkari. Rōkūtbuuj:

Jikin Kōkkōṅ Dān eo (ak Aebōj ko): Jekjekin aebōj ko emōj pijaiki rej bar kallikkar aikuji eo ṅan kajjutak solar panel ko ioon dān eo. Wāween in ekaṅōlṅōl āinwōt ke elōṅ men ko rōmman rōmaroṅ waḷok jān e āinwōt kadik ḷok an aḷ jorome dān in wōt eo ilowaan, kadik ḷok an eddek lijeljelmak em menin mour jiddik ko ie em ban aikuji eḷap bwidej ṅan kōḷaaki solar panel kein ie.

Bōrwaj ko: Kōḷḷaak solar panel ko ioon bōrwaj in mōn jerbal ko an kien ej juon wāween eo emeḷok ṅan kōḷap ḷok joṅan ijo aikuji ṅan panel kein bwe en dik ḷok aikuji bwidej em bwe en dik ḷok jorrān ko rōjelōt imōn jokwe an armej.

Basketball Court ko, Ijeko Rōpellok Peḷaakin juon Hospital em Jikin Park an Wa ko: Kōḷḷaak solar panel ijekein ebar deḷoṅ ilo laajrak ṅe ej kallikkar ijeko rōkkar.

Diesel Generator ko: Imōn jarom eo an KAJUR ioon Ebeye emōj kallikkar ke emaroṅ etal juon, bōlen, ruo generator kāal ko me naaj kōḷaaki ioon erer ko erier ṅan

efficiency and help accommodate future planned solar installations. On Majuro one or more diesel generators may be replaced and network connections may be improved or upgraded.

Energy Efficient Investments: The SEDP is proposing to finance the supply and installation of energy efficiency investments. This could include investments such as the replacement of old equipment with more efficient and/or higher capacity equipment, streetlight replacement with LED, light bulbs, replacement of incandescent lightbulbs or energy efficient equipment in selected public buildings.

Design of Future Renewable Energy Efficient Investments: The SEDP is financing the studies for potential future Ebeye and Outer Island (Wotje, Jaluit, Rongrong and Santo) RE projects. These studies will include the design, the environmental and social impact assessment studies, land due diligence assessment and preparation of safeguards instruments.

Legal Framework and Safeguard Policies

SEDP proposed activities trigger the following World Bank safeguard policies: OP4.01 Environmental Assessment, OP4.04 Natural Habitats, OP4.37 Safety of Dams, OP4.11 Physical and Cultural Resources and OP4.12 Involuntary Resettlement. Corresponding laws, regulations and policies of the RMI, particularly the National Environmental Protection Act 1984, EIA Regulations 1994, Solid Waste Regulation 1989 and Public Water Supply Regulation 1994 also come in to play.

The Resettlement Policy Framework for SEDP details the legal framework for the management of land in the RMI.

The management of social and environmental impacts of all SEDP project activities will comply with the requirements of the above RMI laws and regulations, the triggered World Bank policies and the Resettlement Policy Framework.

kōkōmānman ļok kōjērbal jarom em jipañ kijjien kōļļaaak solar panel ilo tōre ko rej itok wōt. Ioon Mājro elōñ ļok jān juon generator ko rej kōjērbal diesel rōmaroñ in kōkāāli em iaļ in leto-letak jarom eo jān solar panel ko naaj kōkōmānman ļok.

Joortok-lik ko Kijjien Kōjparok Kilen Kōjērbal

Jarom: SEDP in emaroñ leļok jāān in jipañ nān bük men ko kōbwebwein kab kōļļaaak (ak bobo) kein jērbal ko rej kwaļok em leto-letak jarom rōjipañ kōjparok wāween kōjērbal jarom. Men in ekūtbuuj jet buñtōn ko nān kōkāāl kein jērbal ko rōmōr em rōrūtto, julok tōma ko tōrerein iaļ eo em kōjērbal LED, julok tōma ko rōkañ jarom ilo jikin jērbal ko an kien.

Jekjek in Kōmman Joortok-lik nān Bōktok Kein

Jērbal ko Rōkōjparok Jarom: SEDP in ej bōk eddo kōļļāik oñāān kōmman ekkatak nān Ebeye em aelōñ ko likin (Wōjje, Jālooj, Roñroñ em Santo) kijjien project in RE ko. Ekkatak kein naaj kūtbuuj jekjekin kalōke em jērbal ko nān ejaake, jorrāān ko rōnaaj jelōt jukjuk-im-pād eo kab armej ro, bwidej ko etali mokta jān kattōre jērbal kein ie em buñtōn (ak safeguard instrument) ko nān ļoori ilo iien eo jērbal in kōkal enaaj bōk jikin.

Jekjekin Jērbal ko Rej Jab Mō em Kakien ko Kijjien Safeguard

Maķūtķūt em jērbal ko alikkar ilo SEDP in rōjelōt kakien kein kijjien safeguard an World Bank eo: OP4.01 Environmental Assessment, OP4.04 Natural Habitats, OP4.37 Safety of Dams, OP4.11 Physical and Cultural Resources and OP4.12 Involuntary Resettlement. Kakien ko an RMI rōkkar, eļap tata kijjien National Environmental Protection Act in 1984 eo, EIA Regulation in 1994 eo, Solid Waste Regular in 1989 eo kab Public Water Supply Regulation in 1994 eo naaj aikuji n ļoori ilo maķūtķūt em jērbal ko ilo project in.

Moñakjān in Kakien nān Kōmakūtķūt Armej jān Juon Jikin nān bar Juon (ak RPF eo) iumwin SEDP in ej tipdiki tok meļeļe ko kijjien jekjekin mađmōde wāween ko rej jab mō nān kappok em kōpeļaaiki bwidej ko aikuji ilo Maļeļ.

Wāween kōpeļaaiki jērbal em maķūtķūt ko rōnaaj jelōt armej ro em jukjuk-im-pād ko iumwin wōt SEDP in naaj aikuji ļoori kakien ko an Maļeļ (RMI), kakien ko rōjelōt kakien ko an World Bank kab wāween ko kōmlōt ilo Moñakjān in Kakien nān Kōmakūtķūt Armej jān Juon Jikin nān bar Juon (ak RPF eo).

Stakeholder Engagement and Consultation

The SEDP has a plan for engaging and consulting with stakeholders for the duration of project implementation. As part of this plan, several consultation meetings have already been held during the development phase of this project and a series of recommendations and measures have been incorporated into the project to address concerns raised during the consultations. These measures include:

- Only government owned buildings are targeted for installation of solar PV arrays.
- To deal with the disposal of hazardous or bulky waste, a Solid Waste Management Plan will be developed by the Contractors. Additionally, the requirements of the Solid Waste Management Plan will be adapted into a Code of Practice for Solid Waste Management in the renewable energy sector and implemented for all future projects on Ebeye and the Outer Islands.
- A Resettlement Policy Framework has been developed for the SEDP as part of the required safeguard instrumentations. The RPF governs due diligence of land ownership and also governs voluntary or involuntary acquisition of lands or assets to ensure that any affected persons are properly consulted and compensated before project works commence.
- The SEDP provides for the preparation of an escrow account/sinking funds mechanism and support training of MEC and/or KAJUR on operational and maintenance strategies.
- Engineers are required to consider cyclonic events in the design of installations.
- Engineers are required to conduct a thorough assessment of solar PV technologies and select those most appropriate for installation over the water reservoir taking into account any potential impacts on the water quality and the treatment and monitoring procedures of MWSC.
- All imported project staff will abide by RMI immigration policy and provide all required documentation, including health checks. Overseas workers will undergo cultural familiarisation induction upon arrival and sign a code of conduct applicable for the duration of their contract.
- All project staff will undergo training by local services providers identified by the MEC PIU on prevention of HIV/AIDS and GBV.

Kōnono ko Kōmman Ippān Armej ro Tōllōkier

Ewōr kōlmenlōkjen ko ilo SEDP in nān kōmmani kōnono ko ippān ro tōllōkier jān jino in nān jemlōk in project eo. Āinwōt ke ejja mōttan wōt kōlmenlōkjen in, jejjō iien kwelōk ippān ro tōllōkier rōkar bōk jikier tōre eo ke project in ekar jino ejaak em elōn kōlmenlōkjen ko kab buñtōn ko rōkar wanlōn tak nān būki im loori bwe ren uwaaki abñōñō ko an ro rōkar lelōn tak abñōñō ko aer. Buñtōn (ak Joñak) kein rej:

- Jikin jermal ko an kien eo wōt rej mōko em ijeko me solar panel ko rōnaaj eļlaak ie.
- Nān na mejlan jōkpej ko rōkōuwōtata kab rōkilep jōnaer, naaj aikuj ejaake juon Solid Waste Management Plan tok jān ri-jermal ro rōnaaj kōmmani jermal ko kijjen kōjjeikiiki kwōpej ko. Dede in ke, buñtōn ko me raikuj bōk jikier ekkar nān Solid Waste Management Plan eo naaj jei ilo juon Code of Practice nān kōjjeikiiki kwōpej ko iumwin wōt sector eo kijjen kōjermal jarom ko bōk jān meram in aļ im ko jet kab em nān kōjerbale code in tok ālik ilo project ko ion Ebeye em aelōn ko likin.
- Juon Mōñakjān in Kakien nān Kōmakūtkūt Armej jān Juon Jikin nān bar Juon (ak RPF eo) emōj ejaake nān SEDP in āinwōt ke ejja mōttan wōt safeguard instrument ko aikuji nān kōmmani jermal kein. RPF in ej kōmlōt kakien ko, jermal ko aikuj in kōmmani bwe ren tōprak kab wāween kappok em kabwijer marōn ion juon bwidej kab ej bar kōmlōt wāween kabwijer marōn ion juon bwidej eo emōj aje lōk ak menin jeraamman ko nān kakūrmpool ke armej ro jermal in kōkal kein rōjelōt er ren jet ro emōj kar jijet em kōnono ippāer em kōļļāik er mōkta jān an jermal in kōkal ko (ak project ko) bōk jikier.
- SEDP in ej kallikkar tok wāween kōpooj jet buñtōn ko nān ejaake juon escrow account ak sinking funds kab leļok jipañ nān ro rej ilen bōk kamminene ko ibwilijin ri-jermal ro jān MEC em/ak KAJUR kijjen jekjekin jermal ko nān kōmmani jermal ko kab kōjparoki kein jermal ko.
- Engineer ro rej aikuj lōmñak kōn tōre ko enaaj jetak ļañ em aire ko rōļļap ilo aer elmōkote jekjekin kōļļaak.
- Engineer ro rej aikuj in kalōt aer etali em ekkatak kōn solar panel ko em kālōt panel ko rōkkar tata nān kōļaaki ion jikin kōkkōñ dān eo (ak aebōj ko) ilo meļeļe in ke men ko rōmarōn in jelōt dān eo ilowaan aebōj kein kab wāween na mejlan em

- The Contractor will develop a Code of Conduct (to be approved by PIU) for all workers (local and overseas) to sign detailing the expected behaviours of Project staff, ESHS requirements, Cultural respect, OHS requirements, Community Health and Safety considerations

Environmental and Social Impacts

The SEDP has the potential to create a variety of impacts through the implementation of the various subprojects and components. These potential impacts can be either positive or negative depending on the receptors involved and the activity. The impact of this project on the physical, biological and social environment has been assessed to determine likelihood and identify effective mitigation measures. The potential impacts are summarised in the table below in relation to the related project activity:

Project Activity	Potential Impacts	
Solar PV Investments on Majuro	Environmental	<ul style="list-style-type: none"> • Coastal erosion and reef damage associated with sand dredging for concrete production • Water pollution from concrete production waste water • Biosecurity risks from imported aggregate • Regular tree trimming for rooftop installations • Reduced access to reservoir floor for maintenance

waate naaj pedped wōt ioon buñtōn ko karōki tok jān MWSC.

- Aolep ri-jerbal ro kōkātōk er jān laḷ ko likin rōnaaj aikuj in ḷoori kakien ko an RMI ḥae ri-likin ro em kaalikkari aolep peba ko aikuji, ekoba jerbal in etale ko kōn ājmour ko aer.
- Aolep ri-jerbal rein rōnaaj aikuj in būki jet kamminene ko wōpij ko tōllōkier ilo aelōn kein rej kōmmani āinwōt an kar alikkar jān MEC PIU eo kijjien bōbrae jān HIV/AIDS em GBV.
- Contractor ro rej kōjerbal armej rōnaaj aikuj in ejaake juon aer Kakien Kijjien Mwil (ak Code of Conduct, eo me naaj aikuj itok jān PIU eo) nān aolep ri-jerbal ro ej kōjerbal er (jān aelōn kein wōt kab jān laḷ ko likin) nān aer likūt eḷtan peier ie nān kōtmāne mwilie āinwōt ri-jerbal ro rej loloorjake Project eo, aikuj ko jet kijjien ESHS, kōjparok manit, aikuj kijjien OHS, ājmour an armej ilo jukjuk-im-pād ko

Wāween ko Rōjelōt Jukjuk-Im-Pād kab Mour An Armej Ro

SEDP in kar ejaake bwe en maroñ kwaḷōk elōn kain wāween ko rōjelōt jukjuk-im-pād kab mour an armej ro ilo an bōk jikin jerbal in kōkal ko rōddik em ḥweñan ko jet iuḥwin wōt project eo eḷap. Wāween kein me rōmaroñ jelōt jukjuk-im-pād eo kab armej ro rōmaroñ in eḥman ak nana ekkar nān joñan jerbal eo. An project in jelōt peḷaak ko, menin mour kab eddek em armej ro rej amḥak ilo jukjuk-im-pād ko eḥōj kōmman ekkatak em etali nān waati jorrāan kein rōmaroñ ke lukkuun in bōk jikier kab buñtōn ko nān ḥa mejḷaer. Jorrāan kein me rōmaroñ jelōt jukjuk-im-pād kab armej ro rej alikkar ilo tebōḷ ḥe ilaḷ ekkar nān jerbal eo:

Jerbal Eo	Jorrāan ko Waḷōk Jān E me Ejelōt Jukjuk-Im-Pād kab Armej ro
Solar Panel ko Ioon Majuro	<p>Peḷaak em Jukjuk-Im-Pād eo</p> <ul style="list-style-type: none"> • Erom ḷōk pariēt ko em wōd ko rōjorrāan jān aer kōb nān kōmman cement • Ettoonon dān eo jān dān eo kōjerbale nān kōmman cement • Mour im ājmour an armej em menin eddek/mour ko maroñ jelōti kōn wōt kein jerbal ko kab men ko kōbwebwein project in • Jekjek raan wōjke ko rej eddek ioon ḥōn jerbal ko nān kōḷḷaak solar panel

		<ul style="list-style-type: none"> Integrity of reservoir structure from fixed installations Broken solar panels leading to possible contamination of water reservoir from chemical elements within solar panels Leaching of chemicals into ground from stored broken solar panels Reduced habitat for migratory birds
	Social	<ul style="list-style-type: none"> Limited use to recreation and car park spaces during installation Impact associated with overseas workers such as increased risk of HIV Increased risk of GBV associated with increased incomes in households Increased public shade areas following installation
Diesel GenSet Installation	Environmental	<ul style="list-style-type: none"> Potential waste legacy from decommissioned equipment Hazardous waste from old oil and fuel Ongoing accumulation of used oil during the operation of the new GenSet
Energy Efficiency Activities	Environmental	<ul style="list-style-type: none"> Solid waste generated from replacement of old equipment and appliances. Waste can cause increased pressure on landfills and cause contamination to the soil from leaching.
	Social	LED lighting can impact human health and sleep patterns

Energy Policy		Ongoing indirect impacts on waste stream from e-waste, appliances, light bulbs, etc
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		<ul style="list-style-type: none"> Dik ļok etal in waate em jerbale floor eo an jikin kōkkōņ dān eo Pen in apran jikin kōkkōņ dān eo An bwilōk jet iaan solar panel ko em kōmman bwe en jelōt dān eo kōn baijin in panel kein An ruņļok baijin eo buļōn bwidej jān solar panel ko rōbwilōk em rōjorrān Jabwe ļok jikin jokwe an bao ko rej kato, ketak jān jikin nān jikin
	Ājmour em Mour an Armej ro	<ul style="list-style-type: none"> Jabwe jikin ikkure em jikin an wa ko waan armej pād ilo tōre eņ rej kōļļak panel Jorrān eo ejelōt armej ro itok wōt jān ri-jerbal ro bōktok er jān aelōn ko likin Majeļ in ainwōt ļap ļok oran armej ewōr aer naņinmej in HIV An ļap ļok an kōuwōtata nē ewōr jorrān ewaļok jān an ļap oņān lio jān leo ak leo jān lio An ļap ļok an ellor peļak in ijeko rōkar kōļļak panel ie
Kōļļak Engine (ak Generator) eo ej Kōjerbal Diesel nān Kaan	Peļak em Jukjuk-Im-Pād eo	<ul style="list-style-type: none"> Maroņ to an jerwawa engine (ak generator kab kein jermal) ko rōmōr em rej jab jermal imeļan ko An kōuwōtata oil mōr eo ālikin an jermal An wōnmaan ļok wōt kōjerbal oil mōr ilo engine kāal eo
Jerbal em Makūtūt ko Kijjien Kōjerbal em Kōjparok Jarom	Peļak em Jukjuk-Im-Pād eo	<ul style="list-style-type: none"> Kwōpej in māl ejino bōk jikin itok wōt jān kōkāal kein jermal ko rōmōr. Kwōpej rōt kein rōmaroņ kōmman bwe en ļap ļok abņōņō eo nān kōjembali in kanni bwidej eo kwōpej ko jej jōkpeji ie em kōmman bwe baijin eo en ruņļok buļōn bwidej.
	Ājmour em Mour an Armej ro	Meram eo waļok tok jān tōma ko rej kōjerbal LED maroņ jelōt ājmour an armej em wāween an armej kiki

Kakien Kijjien Jarom		An wōnmaan ļok wōt jorrān ko waļok tok jān kwōpej in kein jermal ko rej kōmman jarom, tōma ko, em ko jet
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Design of future projects	Environmental	<ul style="list-style-type: none"> • Potential need for scarce land resources • Modification of reef flat environments and habitats • Increased solid waste generation
	Social	<ul style="list-style-type: none"> • Influx of labour into Ebeye relying on already limited resources and services • Influx of labour leading to increased risks of spread of communicable diseases

Overall the environmental and social impacts are expected to be minimal, in most cases site specific, and with measures available to ensure their effective mitigation and/or reversal.

Environmental and Social Management Measures

To address the potential impacts associated with the SEDP activities, a series of detailed Environmental and Social Management Plan tables have been developed. Within each of these plans are measures in place to manage all identified impacts. Many of these measures are applicable to all project impacts and these include meeting all national permitting obligations; the integration of all ESMP requirements into bid documents and contracts; the development of a Solid Waste Management Plan; cultural familiarisation training for overseas project staff; training for all project staff in awareness and prevention of HIV transmission and GBV; detailed requirements for management of laydown areas; biosecurity measures, and; OHS requirements for all project works. In addition to these general and project wide measures, there are some site specific and activity specific measures that are also required. These specific measures are briefly summarised below by project activity:

Jekjekin jermal ko ilo tōre ko rej itok wōt	Peļaaak em Jukjuk-Im-Pād eo	<ul style="list-style-type: none"> • Maroñ wōr aikuļ kōn an jabwe resource jān bwidej ko • An maroñ oktak pedped eo lik em ijeko jet ilo peļaaak in āne eo • An ļap ļok kwōpej in māl ko
	Ājmour em Mour an Armej ro	<ul style="list-style-type: none"> • An ļap ļok em lōñ ļok ri-jermal ioon Ebeye me rej pedped ioon resource em service ko ie • An ļap ļok em lōñ ļok ri-jermal em kōmman bwe en ļap ļok nañinmej ko rōkquwōtata ren pidodo aer ajeeded

Ilo tu-kadu in, jorrāan kein me rōmaroñ jelōt mour im ājmour an armej kab jukjuk-im-pād ko em peļaaak ko jej kōtmāni ke rōddik, ilo enañin aolep jermal im maķūtkūt ko rōnaaj bōk jikier, dede in ke ewōr buñtōn (ak joñak) ko rej aikuļ ļoori bwe en kūrmool wāween ņa mejļan jorrāan ko.

Buñtōn ko (Joñak ko) Kijjien Kōjjeikiiki Jermal em Maķūtkūt Rōjelōt Jukjuk-Im-Pād, Peļaaak em Armej ro

Ñan ņa mejļan jorrāan ko rōmaroñ jelōt jukjuk-im-pād ko kab armej ro ie me rej jarjar tok jān jermal em maķūtkūt ko iuṃwin SEDP in, elōñ tebōļ ko ñan ņa mejļan em kōpeļaaaki jorrāan kein (ak Environmental and Social Management Plan) eṃōj ejaaki. Ilowaan kajjojo tebōļ epād buñtōn (ak joñak) ko ñan ņa mejļan em kōjjeikiiki jorrāan ko rōmaroñ jelōt jukjuk-im-pād kab armej ro ie. Elōñ iaan buñtōn (ak joñak) kein rōkkar ñan aolep ņa mejļan aolep jorrāan ko waļok tok jān jermal in kōkal ko em buñtōn (ak joñak) kein rōkūtbuuj mālim ko aikuļ in loloorjaki ñan wōt ļoori kakien ko an aelōñ eo; aolep peba ko aikuļi ṃokta jān karreelel rej aikuļ ļoori ta ko kōmlōt ilo ESMP eo; eddo eo ñan ejaake juon Solid Waste Management Plan (ak jet buñtōn kab joñak ko ñan ļoori ñan kōjjeikiiki wāween ai im lali kwōpej ko jān aer jelōt jukjuk-im-pād kab armej ro); kamminene kijjien ṃanit em kajin ñan ri-jermal ro bōktok er jān laļ ko likin; kamminene ñan ri-jermal ro kijjien kōjparok er jān nañinmej in HIV em GBV; meļeļe ko aikuļi me rōtipdik kijjien kōpeļaaaki bwidej ko me ri-jermal ro rōnaaj kōkuṃi kein jermal ko aer; buñtōn (ak joñak) ko kijjien kōjparok mour an armej

ekoba menin eddek/mour ko, em; menin aikuj ko ñan OHS ñan aolep project ko. Ñan kakkobaba ɓok wōt kijjien tarlep in jermal kein ekoba buñtōn (ak joñak) ko aikuj ñani, ewōr jet buñtōn (ak joñak) ko ñan jejo jikin emōj kaalikkari me rōba menin aikuj ñan ɓoori. Buñtōn (ak Joñak) kein emōj kōmeɓeɓeik ilo tu-kaduiet ilowaan tebō ɓe ilaɓ:

Project Activity	Environmental or Social Management Measures (Design, Construction and Operational Phases)	Jermal (ak Makütüt) eo ilo Project in	Buñtōn (ak Joñak) ko Kijjien Na Mejlan Jorrān ko Jarjar tok jān Jermal in Kōkal ko Rōjelōt Jukjuk-Im-Pād kab Armej ro (Jekjekin Madmōdi, Kōkal em Mweñan ko Tōpari ilo Jermal in Kōkal eo)
Solar PV Installations	<ul style="list-style-type: none"> • Conduct a bird survey of the reservoir to identify the species and habitat features of the pond. Conduct an impact assessment and consider mitigation in design. • Submit an application to the Environmental Protection Authority for installation of a PV system above the water reservoir. Include the assessment of structural integrity of the reservoir in the Design Engineer contract. • Design Consultant to undertake thorough review of effectiveness of current treatment of water and monitoring program by MWSC prior to reticulation for public consumption and identify any recommendations • The project design will take into account the latest technical development of solar panel technology and any testing associated with rainwater harvesting from solar panels • Design engineers in consultation with MEC and EPA shall design a set of mitigation measures and response to any emergencies. • All sourced sand and aggregate will be imported from an offshore source. Imported aggregates must be from a country approved by GoRMI Biosecurity. • Hazardous wastes such as damaged solar panels and batteries that contain heavy metals shall be collected and stored prior to disposal offshore at a licensed facility as per the requirements of the Solid Waste Management Plan. • The Contractor will provide a 10ft container and a roofed structure over the container in a location determined by MEC for the storage of hazardous waste • No concrete will be prepared within the water catchment area of the water reservoir. Concrete will be prepared on bunded and covered hard stand surface of laydown areas. • All waste water and slurry from concrete production will be collected and treated • No trees will be trimmed or removed without the permission of the PIU and the land owners. Removal of trees will be avoided unless absolutely necessary for 	Kōɓɓaak Solar Panel ko	<ul style="list-style-type: none"> • Kōmpane juon ekkatak ilo nemāme in kajjitōk kijjien jikin kōkkōñ dān eo (ak aebōj ko) ñan lali menin mour rōt kab ia ko rej jokwe ie. Kōmpane juon ekkatak kijjien joñan jorrān eo marōñ waɓok tok jān menin mour kein em būki jet buñtōn ko ñan na mejlan. • Jaake maan ɓok juon peba in bōk mālīm ñan Environmental Protection Authority eo kijjien kōɓɓaak solar panel ioon jikin kōkkōñ dān eo (ak aebōj ko). Kobaik ɓok ekkatak eo kijjien kajoor in apran jikin kōkkōñ dān in (ak aebōj ko) ilo contract eo an Design Engineer eo • Design Consultant eo naaj etali ewi joñan an tiljek wāween ko ñan waate kilen karreoiik dān eo ilo jikin kōkkōñ dān ko jān MWSC mokta jān an diwōj ɓok ñan armej ro bwe ren kōjebale em kōmpan jet ɓomnak ko ñan kōɓmenɓokjeñ eaki • Jekjekin project in naaj aikuj bōk buñtōn ko ñan kōjebali kein jermal ko raan kein kijjien kōjebal solar panel em jabdewōt wāween ko rōkkar emōj kōmpan ekkatak kaki ñan ae dān jān solan panel kein • Design engineers ekoba ɓok MEC em EPA naaj kwaɓok tok jet buñtōn (ak joñak) ko ñan na mejlan jabdewōt men eo emenin idiñ ñan madmōde. • Aolep bok ko kab men ko kōbwebwein jermal in kōkal ko naaj būktok jān aelōñ ko likin. Men kōbwebwein jermal in kōkal ko rej aikuj itok jān juon laɓ eo me GoRMI Biosecurity ekar kallikkar ke ijo men kein rōnaaj itok jān e. • Kwōpj ko rōkōuwōtata āinwōt solar panel ko rōbwilok em rōjorrān kab battery ko me ewōr baijin ko ilowaer naaj aikuj in ai tok em kōkuɓi juon jikin eo empan mokta jān aer naaj būki ñan juon jikin eo ewōr an mālīm likin Majeɓ in āinwōt kōmɓōt ilo Solid Waste Management Plan eo. • Contractor eo naaj aikuj leɓok juon container joñoul ne aitokan em juon mōn container in eo im naaj alikkar tok jān MEC ñan kōkōñ kwōpej kein rōkōuwōtata. • Ejjeɓok jimeeñ naaj kōpooje ilowaan ijo me nien dān ko (ak baantuun ko) rej pād ie.

	<p>achieving Project objectives. Agreement from the owner shall be given, and any compensation agreed to, prior to trees being trimmed or removed.</p> <ul style="list-style-type: none"> Any solar panels or batteries removed from the array for disposal will first be collected and stored in the covered 10ft container provided by the Contractor. For final disposal, the MEC will ensure hazardous items are shipped offshore to a facility licensed to handle hazardous waste. MEC shall undertake at least weekly monitoring of the condition of the individual solar panels to detect any damage. Damaged solar panels shall be immediately removed from the array to prevent particulate entering the water reservoir. MEC to advise Environmental Protection Agency (EPA) of any damage likely to have caused solar panel particulate to have entered the water reservoir. MEC to comply with any requests made of them from EPA in relation to the EPA ongoing water quality monitoring program. Should additional or extraordinary monitoring be required, this is to be funded by MEC Routine tree trimming will be carried out with the permission of tree owners. 		<p>Jimeeṅ eo naaj aikuj kōpooje ilowaan ijeko eṃōj apari kōn jimeeṅ em kōjenolōki ṅan kwōpej kein rōkquwōtata</p> <ul style="list-style-type: none"> Aolep kwōpej ko ilo nemāme in dān ekoba ko me rōmādeikik jān aer kōmmane jimeeṅ eo naaj ai tok em karreoki Ejjeḷok wōjke naaj kōkaduik ra ko raer ak julōki ṅe ejjeḷok mālim tok jān PIU eo em aḷap ro aer bwidej eo. Ejjeḷok wōjke naaj kōmōiki mae iien elukkuun in men in aikuj ṅan katōpraki kōttōpar ko an Project eo. Mālim tok jān aḷap ro naaj aikuji, ekoba kōḷḷā ko errā kaki, mōkta jān jeki ak julōki wōjke ko. Jabdewōt solar panel ak battery ko eṃōj kōmakūti bwe rōjorrān ak rōmōr naaj ai tok em kōkuṅi ilowaan container eo me joṅoul ne aitokan me Contractor eo ekar lolorjake tok. Jeṃḷok in iaḷ in jokpeji kwōpej kein, MEC enaaj aikuj lale bwe kwōpej ko rōkquwōtata ren eṃmakūt jān āne eo ṅan juon jikin emālim an kōkkōṅ kwōpej rōt kein ilo laḷ ko likin. MEC naaj aikuj waati solar panel ko kajjojo aolep wiik ṅan lale ṅe ejorrān. Solar panel ko rōjorrān naaj aikuj kōmakūti jān bwiljin panel ko wōj ṅan bōbrae jān an menin mour jiddik ko tōpare ḷok aebōj eo. MEC enaaj aikuj in ḷoori ta ko EPA enaaj aikuji bwe en kōmmani ilo tōre eo EPA ej etale dān eo. ṅe emenin aikuj bwe en lōt kōmmani ekkatak ko kab etale ko, innām oṅān ko naaj itok jān MEC Jeki ra ko raitok jān iien ṅan iien naaj aikuj bōk jikin ṅe ewōr mālim tok jān aḷap ro.
GenSet Installation	<ul style="list-style-type: none"> Ensure, through design of spill containment at the genset and/or within the building, that 100 percent of fuel and oil held within the generators can be contained and collected for removal within the footprint of the building. All Project staff will be trained on this plan and attendance will be recorded. Hazardous wastes such as old oil and fuel shall be collected and stored in self banded containers prior to disposal offshore at a licensed facility as per the requirements of the Solid Waste Management Plan. Oil and fuels will be drained from the old genset with a drip pan in place to catch any drips or minor spills All removed parts will be contained and stored in a watertight container to prevent leaching of residual oils or fuel For final disposal, the KAJUR will ensure hazardous items are shipped offshore to a facility licensed to handle hazardous waste. Ensure that all manufacture recommendations for maintenance of generator are implemented to maintain efficiency and reduce risk of failure. 	Kōjaake GenSet eo	<ul style="list-style-type: none"> Lukkuun waate wōt, ilo jet buṅtōn ko ṅan ṅa meḷjan an lutok oil jān genset eo em/ak ilowaan mweo mōn engine in, bwe kaan eo kab oil eo ilowaan engine eo ren koṅ wōt ilowaan em naaj aini ṅe etōreen kōkāali. Aolep ri-jerbal ro naaj bōk kamminene kijjien jekjek in em aer pād ilo kamminene kein naaj jei ṅan lale wōn ekar pād. Kwōpej ko rōkquwōtata āinwōt oil eo eṃor ekoba kaan eo naaj aini tok em kōkuṅi ilowaan container ko me rej pād ijo eṃōj apare kōn jimeeṅ mōkta jān aer jilikin ḷok ṅan juon jikin eo emālim an ae kwōpej rōt in ilo laḷ ko likin āinwōt an kōmlōt ilo Solid Waste Management Plan eo. Oil im kaan ko naaj lutōki ḷok jān lowaan engine ko ṅan lowaan nene ko ṅan bōuri aolep pil ko ak jān an lutōk ḷok Aolep mōttan ko ilo engine eo naaj ai tok em kōkuṅi ilowaan nene ko rōlukkuun in tiljek em koṅ meḷaer ṅan bōbrae jān an ruḷḷok baijin in oil ak kaan in engine eo buḷōn bwidej
EE Investment	<ul style="list-style-type: none"> Hazardous wastes such as discarded incandescent bulbs shall be collected and stored in water tight containers prior to 		

	<p>disposal offshore at a licensed facility as per the requirements of the Solid Waste Management Plan.</p> <ul style="list-style-type: none"> • Difficult waste such as appliances and building cladding shall be stored in the secure fenced and covered area. • Should any Asbestos Containing Material be uncovered while working on building insulation, the Contractor will develop an Asbestos Management Plan for review, approval and implementation. • Ensure that all manufacture recommendations for maintenance of energy efficient appliances are implemented to maintain efficiency and reduce risk of failure. 		<ul style="list-style-type: none"> • Jemļok in iaļ in jokpeji kwōpej kein, KAJUR naaj aikuj lale wōt bwe kwōpej ko rōkquwōtata ren emņmakūt nān juon jikin eo emālim an ae kwōpej rōt in ilo laļ ko likin. • Lukkuun waate wōt bwe aolep ļōmņak ko nān kōļmenļokjeņ eaki kijjien kōjerbali kein jermal ko nān kōjparok engine ko ren bōk jikier nān kōjparok engine ko em kadik ļok an maroņ jorrāan engine ko.
		<p>Kōmņan Joortok-lik nān Kōjparok Kōjerbal Jarom</p>	<ul style="list-style-type: none"> • Kwōpej ko rōkquwōtata āinwōt tōma ko naaj aini tok em kokuņi ilowaan nene ko rōtiļjek mejāer mōkta jān kōmākuṭi nān juon jikin eo me emālim an ae kwōpej rōt in āinwōt kōmlōt ilo Solid Waste Management Plan eo. • Kwōpej ko rōpen jokpeji āinwōt men ko rej kōjerbal jarom kab men ko kōbwebwein juon em naaj aikuj likūti ilowaan juon jikin eo emōj wōrwōre. • Nē ewōr Asbestos Containing Material naaj aikuj kōpeļļoke ilo tōre eņ rej kōļjaak insulation, Contractor eo enaaj aikuj jet buñtōn ko nān ņa mejļan (ak Asbestos Management Plan) nān an ro tōllōkier liñōre em etale, kōmālimi em kattōre. • Lukkuun waate wōt bwe aolep ļōmņak ko nān kōļmenļokjeņ eaki kijjien buñtōn (ak joņak) ko nān būki nān kōjparok kōjerbal jarom.

ESMP Implementation

The agencies with important responsibilities for ESMP and RPF implementation, monitoring and reporting are NEPA, MOF/DIDA, MEC and KAJUR. Details of the responsibilities are summarised below:

A Project Steering Committee (PSC) will be established and comprise representatives of the MoF, Ministry of Resources and Development (represented by EPD), as well as MEC, KAJUR and the Kwajalein Atoll Development Authority (KADA), and others, as needed. The PSC will provide oversight and strategic guidance for the project implementation.

A Project Implementation Unit (PIU) will be established within MEC and will include a Project Manager, a Project Accountant, and if needed, a Procurement Specialist. The Safeguards Specialist under MOF/DIDA will cover SEDP safeguards responsibilities, which include but are not limited to:

An Bōk Jikin ESMP eo

Ra ko an kien me eddo ko aer raorōk nān kōttōpar ko an ESMP kab RPF eo kijjien aer bōk jikier, waati (ak etale ko) tōprak ko em likūti tōprak ko ilo jeje rej NEPA, MOF/DIDA, MEC em KAJUR. Tipdik in meļeļe ko kijjien eddo ko an ra kein an kein rej alikkar ijeņe ilaļ:

Juon kumi ņa etan Project Steering Committee (ak PSC) naaj aikuj ejaake em kōmņan bwe ro uwaan ren jet ro rej jermal ilo MOF, Ministry eo an Resources em Development (eo im naaj itok juon ri-jermal jān EPD), bareinwōt jān MEC, KAJUR em Kwajalein Atoll Development Authority (ak KADA), em ro jet, me naaj aikuji er. PSC enaaj lali aolep mākūtkūt em jermal ko ilowaan project in em leļok jipaņ kijjien tōl mākūtkūt ko wōj ilo tōre en project in enaaj bōk jikin.

Juon kumi ņa etan Project Implementation Unit (PIU) naaj aikuj ejaake em kōmņan bwe ro uwaan ren kūtbuuj Project Manager eo (ak juon eo ej kōpeļjaaki aolepān mākūtkūt ko), Project Accountant eo (ak juon eo ej kōjjeikiiki jān ko an project eo), em nē emenin aikuji, juon Procurement Specialist (ak juon eo ej loloorjaki ekkatak kab jermal in etale ko kijjien oņāan kein jermal

- Monitoring of the Contractor as per the requirements of the ESMP Monitoring Plan for compliance with the ESMP
- Managing the review process for all safeguard elements up to formal approval
- Providing safeguards screening and provide safeguards advice during the preparation and implementation of all subprojects.
- Updating the ESMP and RPF as necessary to reflect project changes. This includes the SWMP, Codes of Practice and Mitigation Tables.
- Applying for all NEPA approvals and permits.
- Supporting PIU to enable effective citizen engagement into the project and provide meaningful input and direction into community consultations for projects
- Conduct capacity gap assessments of implementing agencies (MEC and KAJUR) and develop capacity building tools and materials.
- Assist MEC and KAJUR to integrate safeguards into their Standard Operating Procedures

The Project Manager will be responsible for overall project coordination and technical guidance and will support the procurement of various packages and studies. Technical staff will be recruited as necessary to support the implementation of technical advisory components. The Project Manager will report to the CEO of MEC and to the Project Steering Committee. The MoF will be responsible for processing project disbursement requests.

Safeguard Financing

An estimated budget for safeguards is USD\$392,000 for SEDP activities. MOF/DIDA will ensure this budget is

ekoba oṅāān ri-jerbal). Safeguards Specialist eo (ak juon eo etijemḷok ilo kōjparok jukjuk-im-pād kab mour an armej) iumwin MOF/DIDA eo naaj etali safeguard ko kōmlōti ilo SEDP eo, me ekūtbuuj buñtōn (ak joñak kein):

- Etali jerbal ko an Contractor eo āinwōt kōmlōt ilo ESMP Monitoring Plan eo bwe jerbal ko an ren ḷoori buñtōn (ak joñak) ko ilo ESMP eo
- Kōpeḷaake jekjekin an etali aolep kakien ko kijjien safeguard bwe ren tiljek mokta jān aer eḷḷā
- Etali aolep jerbal dikdik ko bwe ren ḷoori safeguard ko em bōk kapilōk kijjien safeguard ko ilo tōre eo rej kōpooj jekjekin maḍmōde kab kattōre juon jerbal dikdik.
- Kōmḡman kakkobaba ilo ESMP kab RPF eo bwe ren kūtbuuj oktak ko rej bōk jikier ekkar nān jerbal in kōkal rej kōmḡmani. Oktak kein naaj kūtbuuj SWMP eo, Kakien Kijjien Mwil (ak Code of Practice) em Wāween Ṇa Mejḷan Jabdewōt Jorraān Rōjelōt Jukjuk-Im-Pād kab Armej ro (ak Mitigation Table ko).
- Būki aolep buñtōn (ak joñak) ko NEPA ej kōmlōt bwe ren eḷḷā em mālim.
- Jipaṅ PIE eo nān kōmḡman bwe armej ro ilo jukjuk-im-pād ko rej ṅa ainiker em kwaḷok meḷeḷe ko aer rōtokjā kijjien project ko ṅe rōbōd jikier
- Kōmḡman ekkatak nān etali likjab ko an ra ko an kien (āinwōt MEC em KAJUR) em kōmḡman kamminene ko nān ḷōñaj lōñ tak kapeel em jeḷā eo ippān ri-jerbal ro jān ra kein.
- Jipaṅ MEC em KAJUR bwe ren ḷoori buñtōn (ak joñak) ko kōmlōt ilo safeguard ko ilo aer kōmḡmani jerbal ko aer (ak Standard Operating Procedures)

Project Manager eo (ak ri-jerbal eo ej loloorjaki aolepān project ko) enaaj e eo ej kōpeḷaaki aolep project ko em e eo ej leḷok jipaṅ kijjien kappok aikuj ko kōbwebwein project ko ekoba ri-jerbal kab ekkatak ko. Ri-jerbal ro aikuj er kijjien kōjerbal computer im men ko jet naaj bōktok er ṅe emenin aikuj nān aer jipaṅ kijjien kapilōk mokta jān an jerbal in kōkal ko bōk jikier. Project Manager eo naaj tilmaaki aolep tōprak in jerbal rōpād ia nān CEO eo an MEC em ro uwaan Project Steering Committee eo. MoF naaj e ej loloorjake bwe aolep kōḷḷā ren kōmḡman.

Kōjjemḷoj ko Kijjien Safeguard ko

Ewōr joñan in USD\$329,000 kijjien safeguard ko (ak buñtōn em joñak ko aikuj ḷoori) nān an aolep jerbal em

approved and available to support safeguards implementation. This budget covers the cost of consultants, stakeholder engagement, engagement of part time safeguard specialist, institutional training, HIV/GBV training, disclosure of safeguards instruments, monitoring, reporting and GRM related costs.

ṁakūtkūt ilo SEDP in ʒoori. MOF/DIDA naaj lukkuun lale wōt bwe jāān in en eḷḷā em pojak nān jipaṁ kijjien kōṁṁani safeguard ko. Jāān in enaaj kūtbuuj oṅāān consultant ro (ak ro rōtijemḷok kijjien jermal in kōkal kein), kōnono ko aikuj kōṁṁani ippān ro tōḷḷokier, kamminene ibwiljin ri-jermal ro, kamminene kijjien naṁinmej in HIV kab kijjien GBV, kajeededi meḷeḷe ko kijjien safeguard instrument ko (ak buṁtōn kab joṅak ko aikuj ʒoori nān kōjparok jukjuk-im-pād kab armej ro) ren tōpar ijeko rej aikuj tōpari, waati tōprak in jermal in kōkal ko (ak project ko), jei aolep tōprak kein ilo peba em liḷok nān ro tōḷḷokier bwe lolorjaki em oṅāān ko aikuji.