

•. နေရာတိုင်း၌ ရေအရင်းအမြစ်
အသုံးပြုမှုကို ထိန်းသိမ်းစောင့်ရှောက်ရန်



© 2025
5 20096

()
.

: .

١٠

- 3 ١١
- 5 ١٢
- 6 ١٣
- 7 ١٤
- 8 ١٥
- 9 ١٦
- 13 ١٧
- 15 ١٨
- 16 ١٩
- 16 ٢٠
- 16 ٢١
- 18 ٢٢
- 19 ٢٣
- 19 ٢٤
- 19 ٢٥
- 20 ٢٦
- 20 ٢٧
- 22 ٢٨
- 23 ٢٩
- 24 ٣٠
- 26 ٣١
- 26 ٣٢
- 26 ٣٣
- 26 ٣٤
- 29 ٣٥

29	 29
31	 31
31	 31
32	 32
34	 34
36	 36
38	 38
39	 39
42	 42
43	 43
46	 46
48	 48
50	 50
51	 51
52	 52
53	 53
54	 54
56	 56

سَمَرْ سَمَرْ سَمَرْ

73:373370 2:028384 706:02 704:66 1:36

[illegible][illegible]

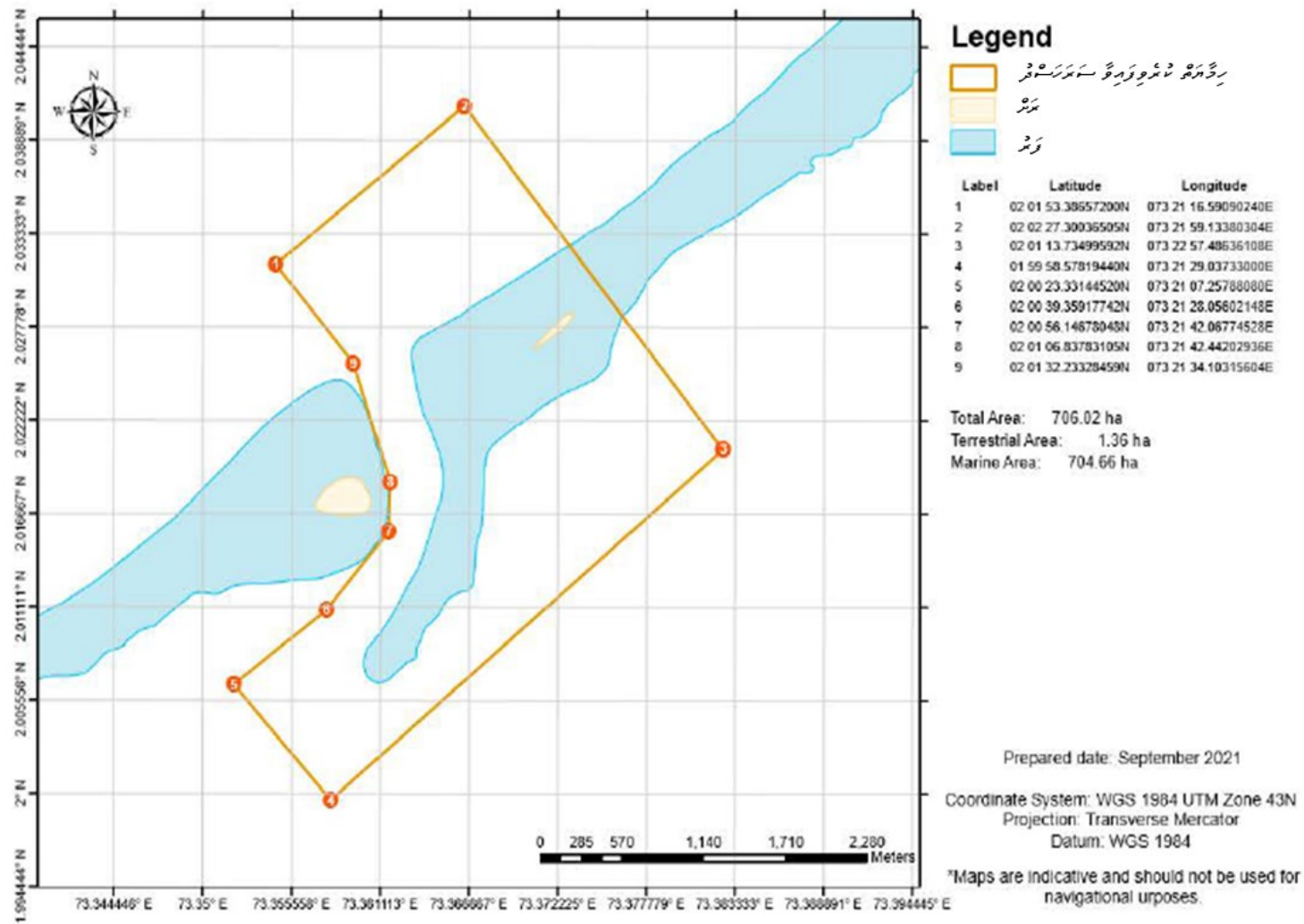
- [illegible]

[illegible][illegible]

သက်တမ်းဝက် ဝန်ထမ်း

သက်တမ်းဝက် ဝန်ထမ်းများ၏ အသက်အရွယ် 3 နှစ်ခွဲတစ်ကြိမ်

- 2025 ခုနှစ် အသက် ၁၈ နှစ်နှင့် အသက် ၂၀ နှစ်တို့အတွက် သက်တမ်းဝက် ဝန်ထမ်းများ၏ အသက်အရွယ် ၃ နှစ်ခွဲတစ်ကြိမ် ဖြစ်သည်။
- 2028 ခုနှစ် အသက် ၁၈ နှစ်နှင့် အသက် ၂၀ နှစ်တို့အတွက် သက်တမ်းဝက် ဝန်ထမ်းများ၏ အသက်အရွယ် ၃ နှစ်ခွဲတစ်ကြိမ် ဖြစ်သည်။
- 2028 ခုနှစ် အသက် ၁၈ နှစ်နှင့် အသက် ၂၀ နှစ်တို့အတွက် သက်တမ်းဝက် ဝန်ထမ်းများ၏ အသက်အရွယ် ၃ နှစ်ခွဲတစ်ကြိမ် ဖြစ်သည်။



نقشه مرز پارک دریای خلیج فارس

[illegible][illegible][illegible][illegible][illegible]

4. $\frac{1}{x^2} = x^{-2}$ $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$

[illegible][illegible]

- [illegible]

نَسْتَعِزُّكَ يَا رَبِّ سُبْحَانَكَ مَا يَكُونُ لَكَ أَنْ تَكُونَ لَنَا كَمَا كُنَّا لَكَ
 تَرْفُقُ لَنَا يَا سُبْحَانَكَ مَا يَكُونُ لَكَ أَنْ تَكُونَ لَنَا كَمَا كُنَّا لَكَ

[illegible]

Likelihood					Constraints	
Rare	Unlikely	Possible	Likely	Almost certain		
		- Overfishing - Anchoring - Unsustainable developmental impacts	- Sea level rise	- Beach erosion - Bleaching event		Catastrophic
		- Overcrowding at Vadinolhu Kan'du	-Waste generation by picnickers	- Marine litter		Major
						Moderate
						Minor
					Insignificant	

- Low risk
■ Medium risk
■ High risk
■ Very high risk

نمبر 5: رُکوعِ ۱۱ و ۱۲

[illegible][illegible][illegible]

پیشتر (دوسری بار)

[illegible]

၂၀၁၆ ခုနှစ် ဇူလိုင်လ ၁ ရက်နေ့မှ ၂၀၁၆ ခုနှစ် ဇူလိုင်လ ၁ ရက်နေ့

- [illegible]

وَأَمَّا الْفُلُ فَأُرْسِلَتْ بِرَحْمَةٍ مِنَّا لِيُبَيِّنَ مَا بَيْنَ أَيْمَانِهِ هَذِهِ وَأَيْمَانِ ذُو الْأُنْثَىٰ هَذِهِ ۚ

- [illegible]

۞ قَدْ جَاءَكَ نَصْرُكَ وَالْفَتْحُ ۝ وَبَرَزْنَا بِكَ الْغَمَامَ وَالْكَاهِلَ ۝
 وَالْكَاهِلَ الَّذِي هُوَ أَدْنَىٰ ۝ أَلَمْ يُبَدِّلْ بَدَلًا سَافِلًا ۝

1. $\frac{1}{x^2} = x^{-2}$ $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$
- $\frac{d}{dx} \frac{1}{x^2} = -\frac{2}{x^3}$
- $\frac{d}{dx} \frac{1}{x^2} = -\frac{2}{x^3}$ (1)
- $\frac{d}{dx} \frac{1}{x^2} = -\frac{2}{x^3}$ (1)
- $\frac{d}{dx} \frac{1}{x^2} = -\frac{2}{x^3}$ (2)
- $\frac{d}{dx} \frac{1}{x^2} = -\frac{2}{x^3}$ (1)
- $\frac{d}{dx} \frac{1}{x^2} = -\frac{2}{x^3}$ (1)
- $\frac{d}{dx} \frac{1}{x^2} = -\frac{2}{x^3}$ (1)
- $\frac{d}{dx} \frac{1}{x^2} = -\frac{2}{x^3}$ (1)

- [illegible]

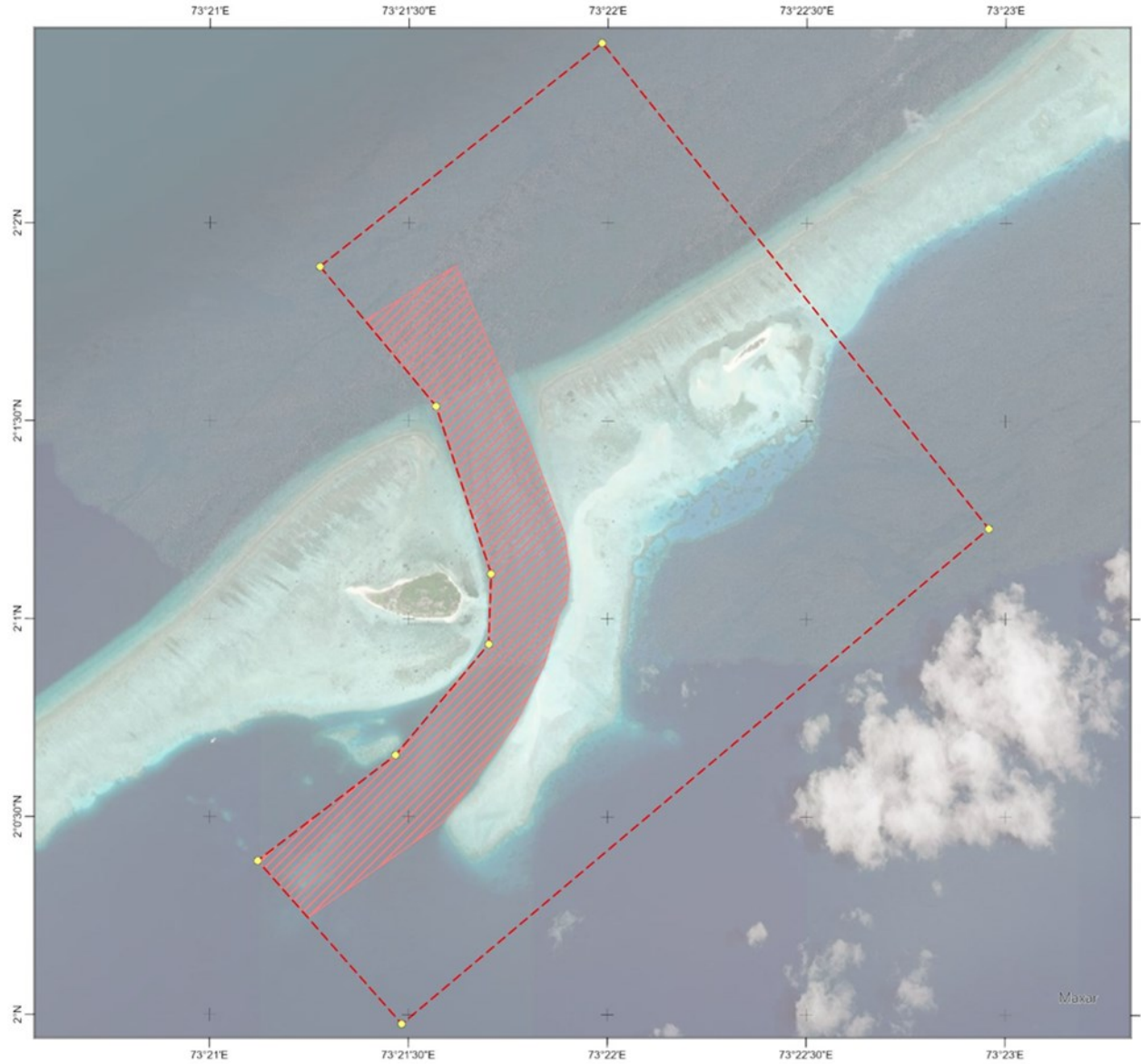
- [illegible]

سَمْعَاءُ بْنُ مَرْثَدَةَ

[illegible]

مَوْزِدْ : رَدِّ مَوَازِيهِ وَرَدِّ مَوَازِيهِ

[illegible]



منطقة الدراسة
التي تشمل
الجزيرة و
المياه المحيطة بها

الحدود
التي تحيط
بالجزيرة



Legend

- نقطة المراقبة
- الحدود التي تحيط بالجزيرة
- ▨ المياه المحيطة بالجزيرة

0 180 360 720
Meters



Scale: 1:24,000

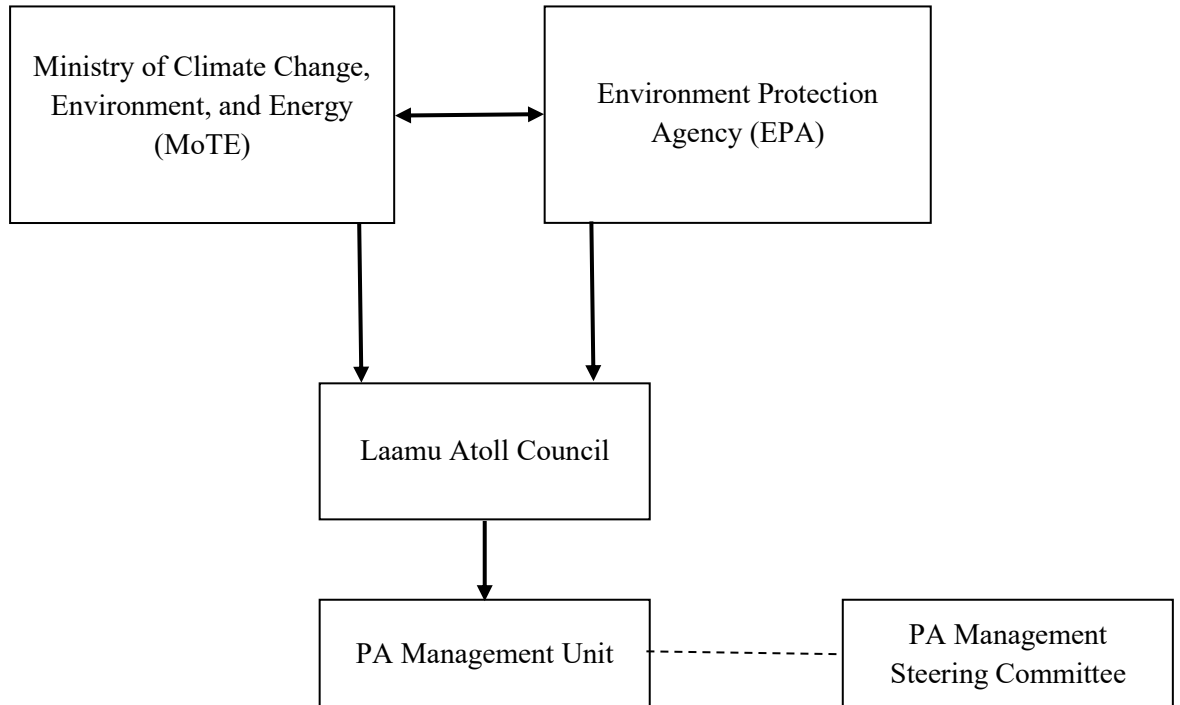
Spatial Reference:
WGS 1984 UTM Zone 43N

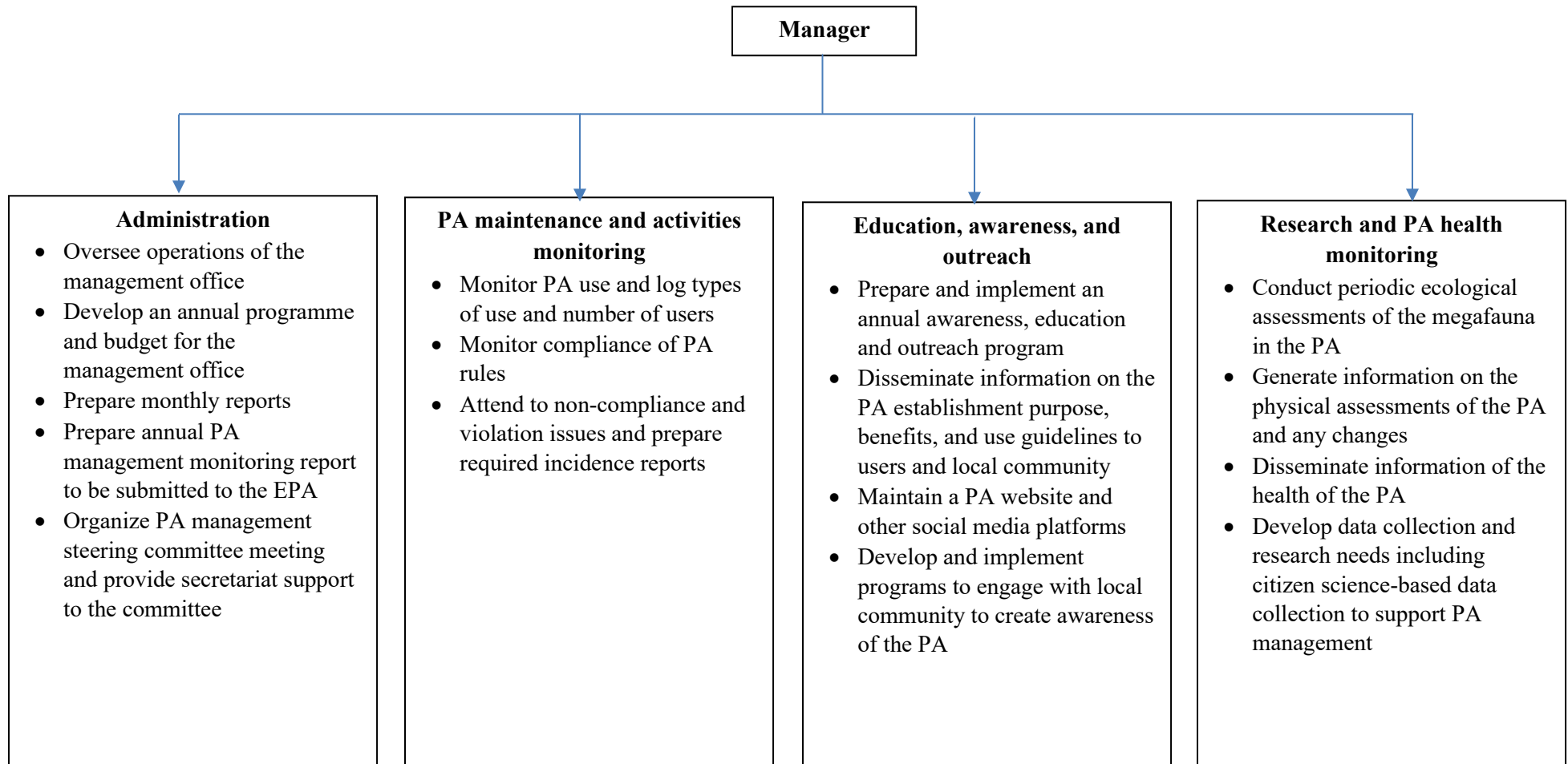
Map Prepared By:
Water Solutions Pvt Ltd

الخريطة 6: الحدود التي تحيط بالجزيرة و
المياه المحيطة بها

၂.၂.၂.၂.၂.၂

၂.၂.၂.၂.၂.၂: ၁. မြေအောက်ရေစနစ်တို့၏ အကျိုးအမြတ်ကို အကဲဖြတ်ရာတွင် အသုံးပြုရန်





دُورِ مَحَبَّتِ قُوسِ سُرِّ دِلِ حَقِيقَتِ

1 $\frac{1}{2} \frac{1}{3} \frac{1}{4} \frac{1}{5} \frac{1}{6} \frac{1}{7} \frac{1}{8} \frac{1}{9} \frac{1}{10}$

۱ مَرَّجَ مَرَّو

سَوَابِغِ 2

[illegible]

ދަފްތަރުގެ 3: ދަފްތަރުގެ ދަށުން ބަނޑުވާ ބަނޑުވާ ބަނޑުވާ

1. Course/Topics	Staff						Training delivery method
	Council	Administrative staff	Environment Officers	Communication Officers	Rangers	Steering committee	
PA Management							short course
Role of PAs in environmental conservation	x	x	x	x	x	x	
Legal frameworks and institutional setting for PA governance and management in the Maldives,	x	x	x	x	x	x	
General prescriptions rules for PAs in the Maldives,	x	x	x	x	x	x	
Adaptive management	x	x	x	x	x	x	
Limits of Acceptable Change	x	x	x	x	x	x	
PA financing and accounting							on the job training
Management of PA account	x	x					
Revenue generation and sustainable financing planning	x	x					
Education, awareness and outreach							on the job training
Participatory and rights-based approaches for PA management	x			x			
Community engagement	x			x	x		
Ecological monitoring and research							short training
Ecological surveying and data collection			x		x		
Data Analysis and Scientific Reporting			x				
PA management effectiveness monitoring							on the job training
Standards (IUCN Green List) and Monitoring tools for PA effectiveness (e.g. METT)			x	x	x		
Evaluation and Reporting		x	x				
Ranger training							short course
PA codes of conduct and rules					x		
Visitor engagement and management		x	x	x	x		
Non-compliance monitoring protocols					x		

Conflict engagement					x		
Drone surveillance and operation					x		
First aid					x		
Fire safety training					x		
Swimming skills					x		
Personal survival techniques					x		
Open water dive certification or above					x		
Niyami training					x		

- [illegible]

Name of PA:

Activity description:

Personnel needs (list all personnel needed, including current and additional staff)

Job Title	Quantity	Number of working months	Cost per month (MVR)	Total Cost (MVR)

Supplies, Equipment & vehicles (items that need to be purchased or rented)

Item	Quantity	Unit Cost (MVR)	Total cost (MVR)

Contractual Services (List all work to be done by contract with non-PA staff)

Services needed	Estimated Cost (MVR)

Training needs

Corse Title	Cost of course (MVR)	Travel & Other expenses (MVR)	Total Cost (MVR)

Summary of Costs (MVR):

Item	Total Cost (MVR)
Personnel	
Supplies and Material	
Contractual Services	
Training	
Total cost	

دۇبۇدۇمى 6: دۆلەت دۆلەت مەھسۇلاتى

Note: Please fill out the sections of this report that are applicable or have relevant updates for this month. If a section does not apply or there have been no changes, it is not necessary to complete it.

Administration

Number of Staff at PA Management office:	
Number of Trainings conducted: (List details of each training below)	

Name of training	# participants	Duration	Training conducted by	Training mode

Budget

Total revenue (MVR): (List all types of revenue generation in table below)	
---	--

Total Expenditure (MVR): (List all types of revenue generation in table below)	
---	--

Revenue source	Amount (MVR)
Annual budget	
External projects	
donations	
Fees or permits	
finances	
Others	

Expense	Amount (MVR)
Salaries	
Trainings	
Equipment	
Maintenance	
Consumables	
Others	

PA Use

Number of diver boats:	
Number of divers	
Number of reef fishing boats	
Number of recreational fishing boats	
Number of bait fishing boats	

Number of dolphin watching cruises	
Other activities	

Provide a graph of daily visitor log counts

Non-compliance and illegal activity:
List all incidences

Incident description	Action taken

Education, Awareness & Outreach

List activities undertaken during reporting period

Date(s)	Activity description	Target audience	# people engaged	Link to activity report

List any knowledge products produced (e.g. video, publication, report)

Description of product	Type of product	Link to location

Research and Monitoring

List ecological monitoring activities undertaken during reporting period

Date(s)	Monitoring type (e.g. megafauna, grouper, water quality)	Numbers observed	Link to available reports

Research Activities

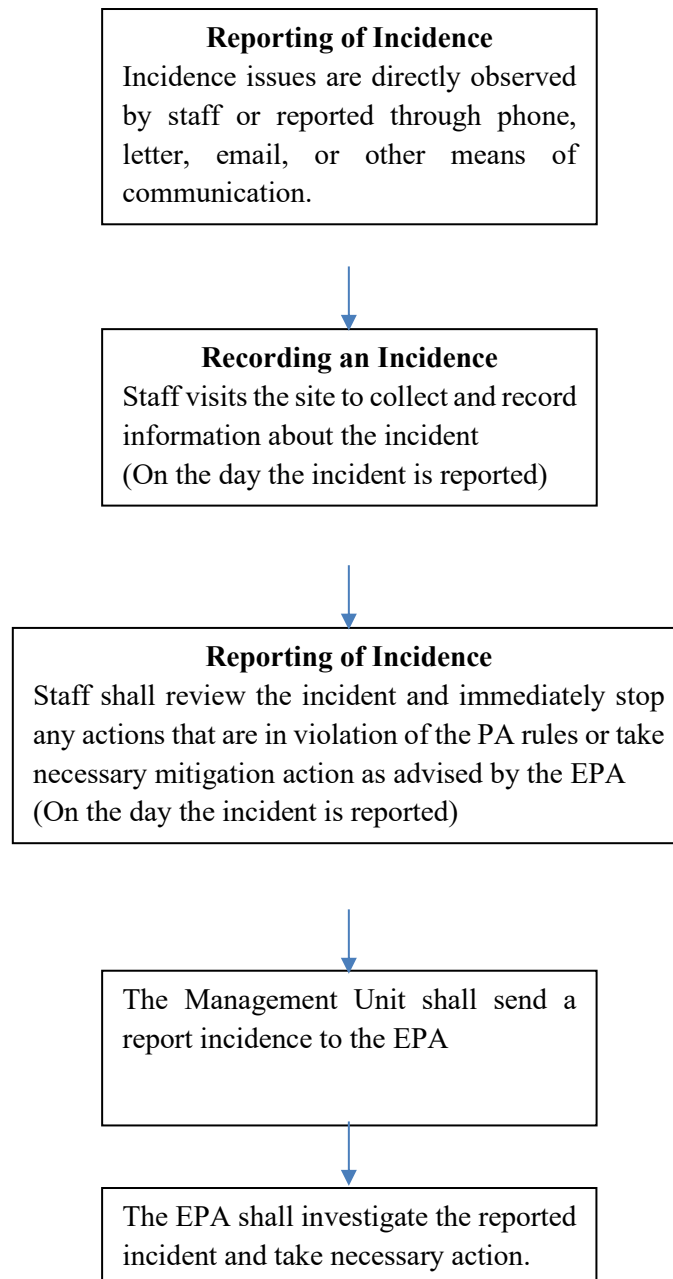
Research permit number	Research project description	Research conducted by	Activities carried out	Available reports/data

[illegible]

- [illegible]

سوال نمبر	سوال
1	اگر کسی شخص کی زندگی میں ایک بار بھی وہ کسی اور شخص کی زندگی میں مداخلت کرے تو اس کی زندگی خراب ہو جائے گی۔ کیا یہ سچ ہے؟
2	اگر کسی شخص کی زندگی میں ایک بار بھی وہ کسی اور شخص کی زندگی میں مداخلت کرے تو اس کی زندگی خراب ہو جائے گی۔ کیا یہ سچ ہے؟
3	اگر کسی شخص کی زندگی میں ایک بار بھی وہ کسی اور شخص کی زندگی میں مداخلت کرے تو اس کی زندگی خراب ہو جائے گی۔ کیا یہ سچ ہے؟
4	اگر کسی شخص کی زندگی میں ایک بار بھی وہ کسی اور شخص کی زندگی میں مداخلت کرے تو اس کی زندگی خراب ہو جائے گی۔ کیا یہ سچ ہے؟
5	اگر کسی شخص کی زندگی میں ایک بار بھی وہ کسی اور شخص کی زندگی میں مداخلت کرے تو اس کی زندگی خراب ہو جائے گی۔ کیا یہ سچ ہے؟
6	اگر کسی شخص کی زندگی میں ایک بار بھی وہ کسی اور شخص کی زندگی میں مداخلت کرے تو اس کی زندگی خراب ہو جائے گی۔ کیا یہ سچ ہے؟
7	اگر کسی شخص کی زندگی میں ایک بار بھی وہ کسی اور شخص کی زندگی میں مداخلت کرے تو اس کی زندگی خراب ہو جائے گی۔ کیا یہ سچ ہے؟
8	اگر کسی شخص کی زندگی میں ایک بار بھی وہ کسی اور شخص کی زندگی میں مداخلت کرے تو اس کی زندگی خراب ہو جائے گی۔ کیا یہ سچ ہے؟
9	اگر کسی شخص کی زندگی میں ایک بار بھی وہ کسی اور شخص کی زندگی میں مداخلت کرے تو اس کی زندگی خراب ہو جائے گی۔ کیا یہ سچ ہے؟
10	اگر کسی شخص کی زندگی میں ایک بار بھی وہ کسی اور شخص کی زندگی میں مداخلت کرے تو اس کی زندگی خراب ہو جائے گی۔ کیا یہ سچ ہے؟

Flow diagram of Incidence Attendance Mechanism



අර්බුදයේ 9: වැඩිදුරටත් පරීක්ෂණය කිරීමේදී උපයෝජනය කළ හැකි මානව සම්පත්

Attribute	Parameter	Method	Frequency for periodic monitoring
Terrestrial			
Vegetation	• Vegetation species and composition • tree height and girth • canopy cover • Tree health • Invasive species	Transects, plots	Annually (special focus on seasonal changes)
Fauna	• Species and composition • Health	Visual surveys	Annually (special focus on seasonal changes)
	• Avifauna species and numbers • Migratory birds	Observations by rangers (In future can develop citizen science reporting)	Continuously and reported in monthly report (special focus on seasonal changes)
Human Impact	• Litter by weight • Litter composition	Observations by rangers	Continuously and reported in monthly report
Beach & Coastal Environment			
Erosion and coastal changes	• Beach profile • Beach line at high tide and low tide • Vegetation line	Surveying using level, staff and GPS Aerial imagery	Once every 3 months
Coastal vegetation	• Species and composition along beach line	Line transects	Annually
Marine Environment			
Water quality	• Temperature • pH • Salinity • Electrical conductivity • Nitrates, Phosphates, Ammonia, • Faecal coliform, and Total coliform • Other pollutants	Onsite testing and laboratory testing	Biannually
Coral reef health	• Percentage live coral cover • Species and abundance • Invasive species	Quadrant	Annually

	• Coral bleaching	Visual quadrants	• Monitor following a MMRI alert in Laamu Atoll. • Continue to monitor every 6 months after a bleaching event to check recovery
Fauna	• Species abundance and composition	Visual surveys	Annually
Pollution	• Litter weight and composition • Visible oil or another surface contamination • Others	Observations by rangers	Continuously and reported in monthly report

ދިވެހިސަރުކާރުގެ ގެޒެޓް: 10: ސަރުކާރުގެ ޖަލްސާ ގައި ބަޔާންކުރި ގަވާއިދު

The PA management Unit shall maintain a registry of grievances and attend to any complaints, disputes or grievances related to the governance or management of the PA. The following provides guidelines for receiving and resolving any complaints, disputes or grievances related to the governance or management of the PA.

1. The PA Management Unit shall have a designated staff member to address all potential complaints, disputes or grievances related to the governance or management of the PA.
2. The PA Management Unit shall maintain a registry of grievances, which will record the details and nature of the complaint, the complainant, the date and actions taken as a result of the investigation. It will also cross-reference any noncompliance report and/or corrective action report or other relevant documentation.
3. The PA Management Unit shall address any grievances in 3 stages (**Error! Reference source not found.**). The PA Management Unit shall make the grievance redress mechanism publicly available.
4. Any individual or parties (affected person) can report a complaint, dispute or grievance regarding the governance or management of the PA to the PA Management Unit via email, phone, in-person or via the Gan Island Council.
5. The PA Management Unit will lodge the complaint in the grievance registry and resolve the matter in consultation with relevant parties within 7 (seven) days of receiving the report.
6. The PA Management Unit should inform the affected person of the outcome within 7 (seven) days of receiving the report.
7. If the matter is not resolved to the satisfaction of the affected party, then the PA Management Unit should submit the grievance to the PA Management Steering Committee.
8. The PA Management Unit should arrange a meeting of the PA Management Steering Committee to review the matter and the Committee shall come to a decision.
9. The PA Management Steering Committee should inform the affected person of the decision.
10. If the matter is not resolved to the satisfaction of the affected party, the party may take up the matter in the relevant judicial court of the Maldives.

Table 1- Grievance Redress Mechanism

Stage	Process	Duration
1	Reporting: Affected party reports grievance to PA Management Unit	Anytime
	PA Management Unit lodges the complaint in a registry and reviews and resolves the incident	Within 7 days from reporting
	PA Management Unit informs of outcome to affected party	7 days from reporting
If unresolved go to stage 2		
2	PA Management Unit takes grievance case to the PA Management Steering Committee	8 days from reporting
	PA Management Steering Committee reviews and resolves the grievance	-
	PA Management Unit informs of outcome to affected party	-
If unresolved go to stage 3		
3	PA Management Unit takes grievance case to the EPA/ MoTE	-
	EPA/ MoTE reviews and resolves the grievance	-
	PA Management Unit informs of outcome to affected party	-
If unresolved go to stage 4		
4	If the affected party is not satisfied then the party can take the matter to appropriate courts	As per the judicial systems

11: ڊوڪٽريٽيڊ ٽيڪسٽ ۽ ڊيٽا ٽيبل

Note: The activities which are allowed within the PA are indicated with a right mark (✓) and the activities that are prohibited are marked with a wrong mark (X). Activities that are not relevant or applicable to an area are indicated with a (NA). Activities indicated by an asterisk (*) can be carried out by special permits.

Activity	Marine Area
Any activities that may cause harm to or alter the PA	X
Littering	X
Using strong lights during nighttime to lure protected species to shallow areas	X
Introduce any new or alien species into the area	X
Feeding the birds, fish and other species present in the area	X
Mining or conducting any research to find gas, oil or minerals	X
Reclamation and dredging	X
Anchoring	X
Infrastructure development	X
Aquaculture/mariculture	X
Sand and coral mining	X
Releasing any pollutants into the reef and placing outfalls	X
Fishing*	✓
Research*	✓
Recreational diving*	✓
Dolphin watching*	✓

Activity	Proposed Fee Methods
Diving permit	A flexible fee as follows: • Dive operators • Safari vessels • Individual • Resorts • Guesthouses
Guided tours	Separate fees for: • Maldivians • Non-Maldivians

Fee exemptions will be made for the following parties:

1. Students and teachers visiting the PA for educational purposes
2. Individuals or parties visiting for official purposes under a special permission from the Council
3. Promotional purposes

Individuals or parties attending trainings or capacity development programs organized by the PA Management Unit.

අදාළ වන්නේ 14: රැකවරණයේ සහතිකයක් ලෙස පිළිගැනීමේදී පිළිගැනීමේදී පිළිගැනීමේදී

ප්‍රකාශන	පිළිගැනීමේදී පිළිගැනීමේදී පිළිගැනීමේදී
1	රැකවරණයේ සහතිකයක් ලෙස පිළිගැනීමේදී පිළිගැනීමේදී පිළිගැනීමේදී
2	රැකවරණයේ සහතිකයක් ලෙස පිළිගැනීමේදී පිළිගැනීමේදී පිළිගැනීමේදී
3	රැකවරණයේ සහතිකයක් ලෙස පිළිගැනීමේදී පිළිගැනීමේදී පිළිගැනීමේදී
4	රැකවරණයේ සහතිකයක් ලෙස පිළිගැනීමේදී පිළිගැනීමේදී පිළිගැනීමේදී
5	රැකවරණයේ සහතිකයක් ලෙස පිළිගැනීමේදී පිළිගැනීමේදී පිළිගැනීමේදී
6	රැකවරණයේ සහතිකයක් ලෙස පිළිගැනීමේදී පිළිගැනීමේදී පිළිගැනීමේදී
7	රැකවරණයේ සහතිකයක් ලෙස පිළිගැනීමේදී පිළිගැනීමේදී පිළිගැනීමේදී
8	රැකවරණයේ සහතිකයක් ලෙස පිළිගැනීමේදී පිළිගැනීමේදී පිළිගැනීමේදී
9	රැකවරණයේ සහතිකයක් ලෙස පිළිගැනීමේදී පිළිගැනීමේදී පිළිගැනීමේදී
10	රැකවරණයේ සහතිකයක් ලෙස පිළිගැනීමේදී පිළිගැනීමේදී පිළිගැනීමේදී

[illegible][illegible]

Objective 2: By the end of 2028, the current levels of turtles, sharks, rays, seabirds and other globally endangered species, and general biodiversity within the PA are maintained or improved.											
Activity 2.1 Develop and implement monitoring plan	PA management unit (council)										
Activity 2.2 Procure equipment for ecological monitoring	LAC										
Activity 2.3 Conduct a training on ecological monitoring for relevant staff	MoTE/ EPA										
Activity 2.4 Continue periodic ecological monitoring of the PA	PA management unit (council)										
Activity 2.5 Disseminate information on health of the PA	PA management unit (council)										
Objective 3: By the end of 2028, By the end of 2028, understand the current levels of tourism and fishery use, and develop and implement appropriate guidelines for sustainable practices.											
Activity 3.1 Measure baseline level of community understanding of PA values	PA management unit (council)										
Activity 3.2 Continue periodic KAP assessment	PA management unit (council)										
Activity 3.3 Develop a procedure for monitoring user activities within PA	PA management unit (council)										
Activity 3.4 Monitor and collect data on diving, fishery and travel activity within PA	PA management unit (council)										
Activity 3.5 Develop and implement guidelines for user activities within PA	PA management unit (council)										

Management Plan Annex: Financial Plan

Laamu Gaadhoo-Hithadhoo Kan'du and Laamu Bodu Finolhu and Vadinolhu Kandu Olhi Area Management Plan

28th April 2025

Proposed by

Ministry of Tourism and Environment

Prepared by

Water Solutions Pvt Ltd

Contents

Executive Summary	58
Introduction	59
Description of Financial Plan	60
Initial Investment	60
Operating Costs	60
Revenue Break-up	60
Cash Flow	61
Risk Management	61
Monitoring and Evaluation	61
Annex A: Initial investment	62
Annex B: Operating costs	63
Annex C: Revenue break-up	64
Annex D: Cash flow	66

Executive Summary

This financial plan has been prepared for both the L. Gaadhoo-Hithadhoo Kan'du Area and L. Bodu Finolhu and Vadinolhu Kan'du Olhu Area, as these Protected Areas (PAs) will be managed by the Laamu Atoll Council (LAC). These areas have been declared as a Protected Areas on 23rd December 2021 under the Law no 4/93 (Environment Protection and Preservation Act). The PAs are mainly protected for its significant biodiversity. In alignment with Clause 12 of the Regulation no 2018/R-78 (Protected Areas Regulation), this financial plan is a key component of the management plan, developed to support sustainable use and effective management of the PA.

The management framework proposes a co-management governance regime involving the Ministry of Tourism and Environment (MoTE), the Environmental Protection Agency (EPA), and the Laamu Atoll Council (LAC). The LAC will establish a PA Management Unit within the Council to implement the management plan.

Through careful allocation of financial resources and the establishment of a **comprehensive** governance framework, this plan aims to protect the ecological and social values of the PAs while providing long-term benefits to the local community and promoting sustainable use.

Introduction

In alignment with Clause 12 of the Regulation no 2018/R-78 (Protected Areas Regulation), this financial plan is a key component of the management plan, developed to ensure sustainable use and effective management of L. Gaadhoo-Hithadhoo Kan'du Area and L. Bodu Finolhu and Vadinolhu Kan'du Olhu Area. These areas have been designated as Protected Areas on 23rd December 2021 under the Environment Protection and Preservation Act (4/93). These PAs are mainly protected for its significant biodiversity and social significance for the local community.

The vision of the L. Gaadhoo-Hithadhoo Kan'du Area is “to effectively manage Gaadhoo-Hithadhoo Kan'du Protected Area for maintaining a healthy ecosystem to protect globally and locally significant and threatened species”.

The vision of the L. Bodu Finolhu and Vadinolhu Kan'du Olhu Area is “to effectively manage Bodu Finolhu and Vadinolhu Kandu Olhu Protected Area as a habitat for globally and locally significant and threatened species, while ensuring a sustainable and harmonious relationship with ocean-users”

This report presents financial plan to sustainably implement the proposed management plan for L. Gaadhoo-Hithadhoo Kan'du Area and L. Bodu Finolhu and Vadinolhu Kan'du Olhu Area. The objective of this financial plan is to address the resources required to establish effective management, support infrastructure, and ensure ongoing conservation and sustainable use practices. Key areas of focus include funding for management unit establishment, infrastructure development, ecological monitoring and visitor management. Additionally, the plan is designed with the goal of developing revenue-generating services within the PAs, thereby supporting ongoing operations and potentially yielding profits that can be reinvested into further conservation and management efforts. This report provides a detailed breakdown of the initial investment, operating costs, revenue break-up and cash flow for the PAs.

Description of Financial Plan

Initial Investment

Since both L. Gaadhoo-Hithadhoo Kan'du Area and L. Bodu Finolhu and Vadinolhu Kan'du Olhu Area are ocean areas, no structures will be built. The exception is Vadinolhu, a small uninhabited island, where information boards and lifeguard equipment are planned. The primary investment for these PAs is transportation, as a speedboat is necessary for monitoring and activities for revenue generation. It is recommended to seek external funding/ grant opportunities, such as Green Funds, to support initial investments required for effective management.

The initial cost sheet includes fixed assets (physical structures), vessels, vehicles, management office, and miscellaneous items. Preliminary expenses cover bank accounts, stationery, and compliances. A comprehensive breakdown of the initial investment is provided in Annex A: Initial investment

Operating Costs

To effectively achieve the objectives of this management plan, the financial plan identifies the essential resources, staffing, and assets required. Operating costs include staff cost and activities cost. Office cost for this PA is not included as there is no visitor centre. Staff costs are estimated for 3 staff members; a senior ranger as a boat captain and two rangers. The combined monthly staffing costs for these roles are estimated to be around 44,900 MVR, which includes salaries, benefits, and any associated allowances. Activity costs include staff training, educational initiatives to raise community and visitor awareness, and marketing efforts to promote sustainable tourism. Insurance costs include insurance for both the boat as well as divers' insurance. The details of operating costs are outlined in Annex B: Operating costs

Revenue Break-up

The current product offerings at L. Gaadhoo-Hithadhoo Kan'du Area and L. Bodu Finolhu and Vadinolhu Kan'du Olhu Area mainly include diving, as both areas are channels. Visitors can pay a fee to dive and explore these marine areas, observing a variety of species. This experience can be offered as a package deal, including guided tours with transfers and dive equipment provided.

Revenue is expected to grow by 10% every two years. A comprehensive breakdown of revenue sources for this PA is presented in Annex C: Revenue break-up

Cash Flow

The cash flow sheet shows a net negative cash flow over the first 8 years of operation, with a positive cash flow starting from year 0, assuming that the initial investment will be covered through external funding/ grants. This positive cash flow indicates that after an initial loss period, after covering operating expenses and management costs, the revenue streams of the PA, including visitor fees and services are sufficient to sustain ongoing operations. A detailed cash flow table for the PA is provided in Annex D: Cash flow.

Risk Management

This financial plan also incorporates a comprehensive risk management strategy to address potential financial and operational challenges that could impact the effective management of this PA. Key risks include fluctuations in funding sources, unexpected maintenance costs, environmental degradation, and changes in visitor numbers. To mitigate these risks, it is important to have multiple funding sources and regularly review financial performance to adapt to changing circumstances. Additionally, periodic ecological assessments and visitor impact studies will be conducted to address any environmental or operational concerns.

Monitoring and Evaluation

The financial plan should be monitored and evaluated along with the management plan. Refer to Section 12 of the L. Gaadhoo-Hithadhoo Kan'du Area and L. Bodu Finolhu and Vadinolhu Kan'du Olhu Area Management Plans.

Annex A: Initial investment

Information board numbers account for placing them on local island harbors to raise awareness of the PAs.

Initial Investment		
		Total Cost
Fixed assets		
PA infrastructure		77,000.00
Visitor/research centre	-	
Viewing platform		
Watch tower x2	-	
Public Toilets	-	
Waste collection point (Bins) x3	-	
Bicycle stand x3	-	
Parking area	-	
Canoe storage	-	
Access gate	-	
Information board stand x12	72,000.00	
Picnic area x2		
Life guard equipment x2	5,000.00	
Security camera x4	-	
Open shower (muslim shower) x2	-	
Vendor's Stand	-	
Seating x5	-	
Vessels and vehicles		1,600,000.00
Speedboat	1,400,000.00	
Marine buoy	200,000.00	
Dingy		
Motor cycle		
Pickup		
PA Management Office		599,000.00
Office setup/renovation	-	
Rent Deposit		
Furniture	60,000.00	
Equipment (PC, printers, etc)	80,000.00	
Equipment (Dive Gear)	140000	
Equipment (Compressor)	250,000.00	
Equipment (Ecological survey)	69,000.00	
Miscellaneous Fixed Assets		77,500.00
Network connections	2,500.00	
miscellaneous speedboat setup fees	75,000.00	
Total Fixed Assests		2,353,500.00
Preliminary expenses		7,000.00
Bank accounts	5,000.00	
Satutory compliance	2,000.00	
Insurance	-	
Total initial investment	MVR	2,360,500.00

Annex B: Operating costs

Operating Cost															
No.	Description		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YR 2024
1	Office Cost	-	-	-	-	-	-	-	-	-	-	-	-	50,000	50,000
2	Staff Cost	-	44,900	44,900	44,900	44,900	44,900	44,900	44,900	44,900	44,900	44,900	44,900	44,900	538,800
3	Activities Cost	-	4,000	4,000	4,000	4,000	4,000	4,000	14,000	4,000	4,000	4,000	4,000	4,000	58,000
4	Insurance Cost													25,000	25,000
	Total Operating Costs		48,900	48,900	48,900	48,900	48,900	48,900	58,900	48,900	48,900	48,900	48,900	123,900	671,800
Office Cost															
No.	Description	Rate	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YR 2024
1	Rent														-
2	Communication (internet, phone, etc)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Utilities (electricity, water, etc)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Conveyance (local transport)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Meeting Cost (petty cash)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Office Supplies (stationary, etc)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Compliance	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Maintenance (Speedboat)													50,000	50,000
	Total Office Cost	-	-	-	-	-	-	-	-	-	-	-	-	50,000	50,000
Staff Cost															
No.	Description	Rate	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YR 2024
1	Ranger Snr. / Captain	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	240,000
2	Ranger	12,450	12,450	12,450	12,450	12,450	12,450	12,450	12,450	12,450	12,450	12,450	12,450	12,450	149,400
3	Ranger	12,450	12,450	12,450	12,450	12,450	12,450	12,450	12,450	12,450	12,450	12,450	12,450	12,450	149,400
															-
															-
	Total annual salary		44,900	44,900	44,900	44,900	44,900	44,900	44,900	44,900	44,900	44,900	44,900	44,900	538,800
Activities Cost															
No.	Description	Rate	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YR 2024
1	Training	10,000	10,000						10,000						20,000
2	Education, Awareness and Outreach	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	24,000
3	Marketing	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	24,000
	Total Activities Cost		14,000	4,000	4,000	4,000	4,000	4,000	14,000	4,000	4,000	4,000	4,000	4,000	68,000

Annex C: Revenue break-up

Revenue						
No.	Description	Cost (MVR)	Overhead (fixed and variable)	Total (MVR)	Margin 25%	Price (MVR)
	Revenue					
1	Entry fee - Dive	100.00	-	100.00	-	100.00
2	Entry fee (Non-Mv) - Dive	200.00	-	200.00	-	200.00
3	Dive fee, Guest House, per year	26,000.00	-	26,000.00	-	26,000.00
4	Dive fee, Resort/Safari, per year	70,000.00	-	70,000.00	-	70,000.00
5	Dive fee, Guest House, per month	3,000.00	-	3,000.00	-	3,000.00
6	Dive fee, Resort/Safari, per month	6,500.00	-	6,500.00	-	6,500.00
7	Dive fee, Guest House, per day	350.00	-	350.00	-	350.00
8	Dive fee, resort/safari, per day	500.00	-	500.00	-	500.00
9	Guided tours	2,500.00	-	2,500.00	-	2,500.00
10	Guided tours (Non-Mv)	3,500.00	-	3,500.00	-	3,500.00
11	Commercial Research License	3,000.00	-	3,000.00	-	3,000.00

Estimated revenues from aforementioned fees are given below in MVR.

Assumptions	Nos	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
	100	10,000.00	10,000.00	11,000.00	11,000.00	12,100.00	12,100.00	13,310.00	13,310.00	14,641.00	14,641.00
	250	50,000.00	50,000.00	55,000.00	55,000.00	60,500.00	60,500.00	66,550.00	83,187.50	91,506.25	91,506.25
	1	26,000.00	26,000.00	28,600.00	28,600.00	31,460.00	31,460.00	34,606.00	43,257.50	47,583.25	47,583.25
	1	70,000.00	70,000.00	77,000.00	77,000.00	84,700.00	84,700.00	93,170.00	116,462.50	128,108.75	128,108.75
	4	12,000.00	12,000.00	13,200.00	13,200.00	14,520.00	14,520.00	15,972.00	19,965.00	21,961.50	21,961.50
	4	26,000.00	26,000.00	28,600.00	28,600.00	31,460.00	31,460.00	34,606.00	43,257.50	47,583.25	47,583.25
	150	52,500.00	52,500.00	57,750.00	57,750.00	63,525.00	63,525.00	69,877.50	87,346.88	96,081.56	96,081.56
	200	100,000.00	100,000.00	110,000.00	110,000.00	121,000.00	121,000.00	133,100.00	166,375.00	183,012.50	183,012.50
1 per week	52	130,000.00	130,000.00	143,000.00	143,000.00	157,300.00	157,300.00	173,030.00	157,300.00	173,030.00	173,030.00
1 per week	52	182,000.00	182,000.00	200,200.00	200,200.00	220,220.00	220,220.00	242,242.00	220,220.00	242,242.00	242,242.00
	4	12,000.00	12,000.00	13,200.00	13,200.00	14,520.00	14,520.00	15,972.00	14,520.00	15,972.00	15,972.00
	2,304	670,500.00	670,500.00	737,550.00	737,550.00	811,305.00	811,305.00	892,435.50	965,201.88	1,061,722.06	1,061,722.06

Annex D: Cash flow

Cash Flow										
Details	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Income										
Revenue	670,500	670,500	737,550	737,550	811,305	811,305	892,436	965,202	1,061,722	1,061,722
Bal from Previous Quarter	-	(1,300)	(34,940)	(35,487)	(71,689)	(71,573)	(110,767)	(110,106)	(80,016)	1,088
Total Income	670,500	669,200	702,610	702,063	739,616	739,732	781,668	855,096	981,706	1,062,810
Expenses										
Initial Investment	-									
Office Cost	50,000	52,500	55,125	57,881	60,775	63,814	67,005	70,355	73,873	77,566
Staff Cost	538,800	565,740	594,027	623,728	654,915	687,661	722,044	758,146	796,053	835,856
Insurance Cost	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
Activity Cost	58,000	60,900	63,945	67,142	70,499	74,024	77,726	81,612	85,692	89,977
Total Expenses	671,800	704,140	738,097	773,752	811,189	850,499	891,774	935,113	980,618	1,028,399
Net Cash	(1,300)	(34,940)	(35,487)	(71,689)	(71,573)	(110,767)	(110,106)	(80,016)	1,088	34,411