Enhancing coastal and marine socio-ecological resilience and biodiversity conservation in the Western Indian Ocean

Locally Empowered Area Protection Project in Seychelles

Terms of Reference for Participatory Assessment for Marine Biodiversity Study for Locally Empowered Area Protection project in Seychelles

Introduction to the project

Nature Seychelles, along with government, local community, and IUCN, aim to set up a Locally Managed Marine Area (LMMA), where local communities will participate in the management and effective use of their natural resources. The site chosen, and endorsed by Cabinet, for the first locally managed site in the Seychelles, are the Marine National Parks in the Port Glaud District, namely, Port Launay and Baie Ternay.

With the current upsurge of interest in community-based natural resources management, this project will promote the concept of the shared responsibility of the protected area through co-management. This approach ensures that the local-level benefits from conservation are maximized due to their increased participation in the decision-making and responsibility for the marine protected areas.

The project will work with stakeholders including community members, fishers association, tourism and business partners, and government agencies in the site chosen through scientific assessments and participatory processes. At the site level, the project will, with the collaboration of the community and others build infrastructure, undertake conservation and restoration actions, provide training and equipment, deliver public awareness programs, support sustainable tourism and fisheries, and promote sustainable funding mechanisms.

In order to ensure that this project directly contributes to the long-term conservation of biodiversity and ecosystem services, a comprehensive biodiversity study needs to be undertaken to scientifically identify the conservation priorities of the site. Current knowledge about the Port Launay and Baie Ternay Marine National Parks lack documented inventories of the diverse marine biodiversity and this consultancy is serviced to address such issues.

Overall Objectives

The overall objective of this assignment is to document the existing marine biodiversity of the Baie Ternay and Port Launay Marine National Parks¹. This data will be used as baseline information on which future biodiversity in the parks will be monitored and measured, in order to improve the understanding and management of these ecosystems and measure conservation impact. This consultancy requires engagement and collaboration with all relevant stakeholders and liaising with other Project Consultants to ensure that necessary outputs feed into and are informed by one another.

¹ including the wetlands of Cap Ternay, Anse Souillac, and Port Launay.
Specific Objectives

- To identify and record local people’s perspectives on biodiversity.
- To establish minimum areas required for biodiversity and ecological stability.
- To assess the population and diversity of species in the different taxonomic groups, mapping their habitat distribution and density.
- To identify (from literature reviews and new field assessments) the vulnerable, threatened, and endemic species.
- List the priority conservation species, detailing their significance and value.
- To identify recommendations to improve the biodiversity conservation and management.

Tasks

I. Development of methodology in collaboration with LEAP Project Unit and stakeholders

   a) Desktop literature review of relevant documents on the LEAP project and Baie Ternay and Port Launay Marine National Parks.
   b) Develop the approach and methodology that will be used in the assessments, and rationale for why selected.
   c) Identification of local stakeholders to be involved in the assessment and assess their perception and objectives for biodiversity assessment.
   d) Integrate Climate Vulnerability to methodology.

II. Participatory assessments

   The assessment will be conducted in a participatory manner with the involvement of the local communities and stakeholders.

   a) Selection of key monitoring partners, for example, GVI and SNPA.
   b) Participatory data collection according to indicators and methodology identified and agreed in I.

III. Findings presentation

   Consultants will present the findings of the assessment in a workshop (or virtually) to allow the LEAP project and the key stakeholders to provide their feedback and input.

IV. Final report of assessment, including feedback from the workshop recommendations, the consultant will produce the final reports.

Deliverables

The following shall be the key deliverables of this assignment:

i. Detailed methodology and work plan summarizing tools and methods to be used.
ii. Literature review report.
iii. Draft report incorporating local people’s perspectives on biodiversity, assessment findings on marine biodiversity of the two MPAs (including Cap Ternay, Port Launay, and Anse Souillac wetlands). The report should include ecosystem maps, selected species list, mapped anthropogenic impacts (including climate change), and recommendations to improve the biodiversity conservation and the management.
iv. Final and approved final report incorporating workshop recommendations.
**Timeframe**
This assignment will require 30 man days, spread over a period of two months from the date of the contract.

**Remuneration**
Rate of US$ 250 per day. The project may cover the cost of additional expenses such as displacement and equipment.

**Required qualifications and experience**
- Master’s degree or higher academic credentials in Natural/Environment Science, or related fields.
- Experience of not less than 5 years with similar assignments.
- Experiences in marine biodiversity assessments and ecological monitoring, and work around marine protected areas.
- Experience in participatory approaches.
- Extensive experience in community engagement work in Seychelles.

**Applications should include**
- Cover letter
- Technical proposal.
- Full CV and resume, clearly stating any experience similar to the objectives of the TOR.
- Work plan with time line.
- Tax Identification number (TIN) from the Seychelles Revenue Commission.

**Clarification on the TORs and applications to be sent to**
Centre for Environment & Education, Roche Caiman P.O. Box 1310, Mahé, Seychelles
Tel: + 248 4601100 Email: corinne@natureseychelles.org / nature@seychelles.net

**Applications must be submitted by**
4 p.m. on Friday 4th September, 2020.
Enhancing coastal and marine socio-ecological resilience and biodiversity conservation in the Western Indian Ocean

Locally Empowered Area Protection Project in Seychelles

Terms of Reference for a Stakeholder Perspectives Assessment for Locally Empowered Area Protection project in Seychelles

Introduction to the project

Nature Seychelles, along with government, local community, and IUCN, aim to set up a Locally Managed Marine Area (LMMA), where local communities will participate in the management and effective use of their natural resources. The site chosen, and endorsed by Cabinet, for the first locally managed site in the Seychelles, are the Marine National Parks in the Port Glaud District, namely, Port Launay and Baie Ternay.

With the current upsurge of interest in community-based natural resources management, this project will promote the concept of the shared responsibility of the protected area through co-management. This approach ensures that the local-level benefits from conservation are maximized due to their increased participation in the decision-making and responsibility for the marine protected areas.

The project will work with stakeholders including community members, fishers association, tourism and business partners, and government agencies in the site chosen through scientific assessments and participatory processes. At the site level, the project will, with the collaboration of the community and others, build infrastructure, undertake conservation and restoration actions, provide training and equipment, deliver public awareness programs, support sustainable tourism and fisheries, and promote sustainable funding mechanisms.

To ensure that this project directly contributes to the increased stability of local livelihoods, a comprehensive community survey will be undertaken to identify the community supported by the Marine National Park and their views about it, in relation to their livelihoods. Currently, there is little knowledge about the whether the marine national park, has beneficiaries adjacent or outside the district of Port Glaud, and this consultancy is serviced to do so in order to improve livelihood diversity and resilience.

Overall Objective

The overall objective of this consultancy is to determine the user groups and community beneficiaries of the Marine National Park, including the mangrove areas of Cap Ternay, Anse Souillac, and Port Launay. It will also serve to gauge their perspectives on the project area1 and allow them to make recommendations to enhance and strengthen livelihood opportunities. This consultancy requires engagement and collaboration with all relevant stakeholders and liaising with other Project Consultants to ensure that necessary outputs feed into and are informed by one another.

1 Project area henceforth refers to the 2 marine national parks and the mangrove areas of Cap Ternay, Anse Souillac and Port Launay.
Specific Objectives

- To identify and differentiate between the user groups in the project area, through a stakeholder mapping exercise.
- To identify and differentiate between direct and indirect community beneficiaries in the project area.
- To record user groups and community beneficiaries’ perspectives of the biodiversity in the project area.
- To record user groups and community beneficiaries’ uses of the project area and ideas for the improvement.
- Identify vulnerabilities of the community beneficiaries.
- Perspectives on the project area’s biodiversity.
- To identify current land uses, livelihood and needs, and future opportunities that are and can be supported by the marine area.
- To map out the relationship between population distribution and density and the characteristics of the physical landscape.

Tasks

I. Development of methodology in collaboration with LEAP Project Unit and stakeholders
   e) Literature review of relevant documents on the LEAP project area, including the results of the marine biodiversity assessment.
   f) The approach and methodology that will be used in the assessments, and rationale for why selected.

II. Findings presentation
    Consultants will present the findings of the assessment to a workshop to allow The LEAP project and the key stakeholders to provide their feedback and inputs.

III. Final report of assessment, including feedback from the workshop recommendations, the consultant will produce the final reports.

Deliverables
The following shall be the key deliverables of this assignment:

v. Detailed methodology and work plan summarizing tools and methods to be used.
vi. Draft report incorporating assessment findings of community and user group representatives, their perspectives, maps depicting relationship between land uses, settlements and landscape characteristics.
vii. Socio-economic profile report with recommended livelihood improvement.
viii. Final report incorporating workshop recommendations.

Timeframe
This assignment will be for 30 man days, spread over a period of not more than two months from the date of the contract.

Renumeration
Rate of US$ 250 per day. The project may cover the cost of additional expenses such as displacement and equipment.

2 Not less than 10% of the population of Port Glaud
Required qualifications and experience
- Master’s degree or higher academic credentials in Environment, Natural Resources Management, Community Development, or other related and development sciences.
- Experience of not less than 5 years with similar assignments.
- Experiences in terrestrial biodiversity assessments and work around protected areas.
- Experience in participatory approaches.
- Extensive experience in community engagement work in Seychelles.

Applications should include:
- Cover letter
- Technical proposal.
- Full CV and resume, clearly stating any experience similar to the objectives of the TOR.
- Work plan with time line.
- Tax Identification number (TIN) from the Seychelles Revenue Commission.

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Locally Empowered Area Protection Project in Seychelles

Terms of Reference for Participatory Assessment of Ecosystem Goods and Services Valuation for Locally Empowered Area Protection project in Seychelles

Introduction to the project

The Western Indian Ocean’s coastal and island countries are increasingly challenged by the protection of their marine and coastal ecosystems due to climate change and the continued human development. These areas are of vital ecological and socioeconomic importance to the community and country, which is why a more integrated and inclusive approach to their management is imperative.

Protected areas are set up and, more commonly, managed by governments, NGOs and private users. However, with the current upsurge of interest in community-based natural resources management, new initiatives promote the concept of the shared responsibility of the protected area between the local stakeholders and governments or NGOs through co-management. This approach ensures that the local-level benefits from conservation are maximized due to their increased participation in the decision-making and responsibility for the marine protected areas.

Locally Managed Marine Areas (LMMAs) are still a relatively new concept, and this project aims to engage with multiple stakeholders for its successful establishment. In Seychelles, the project will be implemented by Nature Seychelles, an IUCN member, where one site is to be co-managed. The project will last for 4 years and has political support from the MEECC and the Blue Economy Department.

The project will work with stakeholders including community members, fishers association, tourism and business partners, and government agencies in the site chosen through assessments and participatory processes. At the site level, the project will, with the collaboration of the community and others build infrastructure, such as a visitors facility and a lifeguard station, undertake conservation and restoration actions, provide training and equipment, deliver public awareness programs, support sustainable tourism and fisheries and promote sustainable funding mechanisms.

Overall Objectives

The main objective of this assessment is to highlight the economic value that the natural environment of the Baie Ternay and Port Launay Marine National Parks'\(^1\) ecosystem provide to both its local, and wider community. The information collected and analysed will establish the baseline of ecosystem services provided by the project area, and will guide decision making, support conservation and management of the natural ecosystems, to encourage the planning for a sustainable flow of benefits for the LMMA. It will also serve to provide additional evidence and justification for the importance of the marine national park.

\(^1\) including the wetlands of Cap Ternay, Anse Souillac, and Port Launay, henceforth referred to as the Project Area
The results of this assessment will be the core input in identifying and prioritizing management options for the LMMA. The assessment will also provide information about the uses and potential uses of biodiversity resources by local communities and the financial contribution biodiversity can make to local livelihoods.

This Consultancy requires engagement and collaboration with all relevant stakeholders and liaising with other Project Consultants to ensure that necessary outputs feed into and are informed by one another.

**Specific Objectives**

- To identify the ecosystem services in the project area, their condition, conservation importance and economic value
- To identify the location and spatial extent of the project area that provides ecosystem services and where their beneficiaries are located
- Build support for the conservation of the project areas through increased understanding of their wide range of benefits
- Assist in supporting the development of new sustainable finance mechanisms for the project area

**Tasks**

IV. **Development of methodology in collaboration with LEAP Project Unit and stakeholders**
   
g) Desktop literature review of relevant documents on the LEAP project and Port Launay and Baie Ternay Marine Parks, including the results of the Marine Biodiversity and Stakeholder assessment. This should include a review of the relevant studies on ecosystem goods and services, the data and methods applied to areas of similar scale and ecosystems.
   
h) Describe the approach and methodology developed for the economic valuation of ecosystem services, and rationale for why it is selected.
   
i) Identification of local stakeholders to be involved in the assessment and their selection.
   
j) Integrate Climate Vulnerability to methodology.

V. **Participatory assessments**
   
The assessment will be conducted in a participatory manner with the involvement of the local communities and stakeholders.
   
c) Participatory data collection and training of local people on the key ecosystem goods and services.
   
d) Characterize the use of biodiversity and ecosystems and the impacts on the major stocks and flows of ecosystem services (conditions and trends in the supply and demand for the identified ecosystem services and drivers of change).
   
e) Assess the social, economic and cultural benefits of the priority ecosystem services.
   
f) Develop a set of indicators for ecosystem services that can be included in monitoring programs.
   
g) Assess the vulnerability of ecosystem services to climate and external shocks and the effects on the local community.
   
h) Explore opportunities to increase the flow of ecosystem services to the local communities and how the local community can enhance their livelihoods through biodiversity conservation and management.

VI. **Findings presentation**
   
Consultants will present the findings of the assessment to a workshop (or virtually) to allow the LEAP project and the key stakeholders to provide their feedbacks and inputs.
VII. **Final report of assessment**, including feedback from the workshop recommendations, the consultant will produce the final reports.

**Deliverables**
The following shall be the key deliverables of this assignment:

ix. Detailed methodology and work plan summarizing tools and methods to be used.

x. Literature review report

xi. Draft technical report incorporating assessment findings on biodiversity ecosystem goods and services. The report should include recommendations to increase the flow of ecosystem services and how local communities can enhance their livelihoods through biodiversity conservation and the management.

xii. Final and approved final report incorporating workshop recommendations

**Timeframe**
This assignment will be require 20 man days, spread over a period two month from the date of the contract.

1. **Remuneration**
Rate of US$ 250 per day. The project may cover the cost of additional expenses such as displacement and equipment.

**Required qualifications and experience**
- Master’s degree or higher academic credentials in Economics, Natural Resources, Environment or other related and development sciences.
- Experience of not less than 5 years with similar assignments.
- Experiences in Ecosystem valuation and livelihood assessments.
- Experience in participatory approaches.
- Extensive experience in community engagement work in Seychelles.

**Applications should include**
- Cover letter
- Technical proposal.
- Full CV and resume, clearly stating any experience similar to the objectives of the TOR.
- Work plan with time line.
- Tax Identification number (TIN) from the Seychelles Revenue Commission.

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