



Maldives Clean Environment Project
Ministry of Environment
Republic of Maldives

TERMS OF REFERENCE

Consultancy Assignment for the Revision of National Solid Waste Management Policy and Preparation of a National Solid Waste Management Strategy

1. Introduction

The Government of the Republic of Maldives through the Ministry of Environment (ME) is implementing Saafu Raajje - Maldives Clean Environment Project (MCEP) financed through grant aid from the International Development Association (IDA), World Bank and intends to apply part of the proceeds for a consultancy assignment for Revising the existing National Solid Waste Management Policy and Preparation of a National Solid Waste Management Strategy, as part of the GoM's efforts to strengthen solid waste management in the country. MCEP is implemented in accordance with the World Bank's guidelines and procedures on procurement and financial management.

The project development objective of MCEP is to improve solid waste management in selected zones of the Maldives, namely Zone 2 (*Noonu, Raa, Baa and Lhaviyani Atoll*), Zone 4 (*Meemu, Faafu and Dhaalu Atoll*) and Zone 5 (*Thaa and Laamu Atoll*).

2. Background

With the introduction of the first National Solid Waste Management Policy of the Maldives in 2008 followed by investments to establish the first regional waste management system under the World Bank funded Maldives Environmental Management Project (2008-2016), strengthening waste management has become a key priority of the government of Maldives.

In 2014, the policy was again revised and better coordination and more investments from the state budget and donors were pooled since then, to address the issue of solid waste management. The revised policy gives clear mandates to all stakeholders and to all island councils to manage the waste generated in their respective islands. However, the immersing issues has raised concerns to review the existing policy and to develop a comprehensive strategy identifying potential options for solid waste management in islands and cities. This assignment will support the reviewing/revision of existing national solid waste management policy and development of a national solid waste management strategy, recommending for future programs, policies, capital investments and other options as well as the social, environmental and economic implications for solid waste management in different communities in the Maldives.

3. Main Objectives of the Project

The main objective of the Maldives Clean Environment Project is to improve solid waste management practices in selected regions of the Maldives, namely, Zone II, Zone IV and Zone V. This will be achieved through activities carried out under the following four (4) components:

- Component 1: Strengthening National Solid Waste Management Strategy and Policy
- Component 2: Establishing Regional Waste Management Systems
- Component 3: Establishing Island Waste Management Systems
- Component 4: Project Management

4. Objective of the Assignment

The main objective of this assignment is to review/revise the existing solid waste management policy and develop a long-term strategic plan for solid waste management and to channel the activities related to the current policy implementation at national level. This component will also be guided by the priorities emerging from the current draft of the SWM bill which is being processed by the ME and AG office for deliberation in the parliament for the new year.

The specific objectives of the assignment are:

- To review the existing national solid waste management policy (2014) and suggest/recommend policy changes in order to address issues emerging in the evolving waste management sector,
- To design strategic short, mid, long-term plan for the development of effective and sustainable solid waste management systems across the Maldives,
- To establish a sound and economically self-sustainable institutional framework within the government mechanism (both at central and island level) to initiate, operate and supervise the solid waste program,
- To review existing waste management practices and identify problems related to solid waste management in the country,
- To investigate the potential sources of revenue for sustainability of solid waste management (SMW) system,
- To study the prospects and constraints of private sector involvement in SWM,
- To incorporate Extended Producer Responsibility (EPR) in SMW,
- To incorporate continuous education and awareness campaigns for sustainable SWM,
- To identify appropriate methods for the management of Construction and Demolition (C&D) Waste,
- To identify appropriate ways of dealing with hazardous waste,
- To design a national program for the management of Ocean Plastics

5. Scope of Work

Based on the objectives above, the detailed scope of services for this assignment will be:

- review the existing National Solid Waste Management Policy (2014) and recommend/suggest necessary amendments to cater for the evolving waste management sector in the country,
- review the current waste management implementation including the economic situation, legal framework, institutional arrangements, social condition, etc. of waste management in the cities and islands,
- carry out field survey in four islands of different population sizes for waste composition and conduct the meetings and discussions with various stakeholders including island communities, public and private institutions, NGOs to identify SWM related problems and possible solutions. The goal of this activity is to develop a strategy that is supported by all and takes their concerns, ideas and feedback into account.

- Conduct a national stakeholder workshop (in Male’)
- Assess the investment options from the private sector for improvement and strengthening of waste management related infrastructure and activities,
- Develop long term strategic plan and short-term action plan for solid waste management. In developing these plans, the consultant will undertake a review of all potential options for the solid waste management in islands/cities. It will contain recommendations for future programs, policies, capital investments and other options as well as the social, environmental and economic implications for the solid waste management in different communities in the Maldives.

6. Duration of Consultancy

Revision of National Solid Waste Management Policy	2 months (May - June 2019)
Development of National Solid Waste Management Strategy	3 months (July - September 2019)

7. Deliverables

The following are key deliverables for the assignment:

1. Inception report and work plan with a detailed methodology (end of week 2)
2. Report on the revision of national solid waste management policy with recommendations based on the analysis and objectives of the assignment (end of week 8)
3. Long term waste management strategic plan (for 10 years) and short-term action plan/implementation plan for the next 3 years (end of week 20)

Draft of the revised national solid waste management policy (deliverable 2) should be presented in a stakeholder workshop in Male’, in order to get feedback and comments from key stakeholders. Final deliverables should be submitted as 2 hard copies and 1 soft copy (editable MS Word format).

8. Reporting Modalities

The Consultant will work under the overall guidance of the Project Manager of Maldives Clean Environment Project.

9. Team Composition

It is estimated that approximately 6.5 person/months of key personnel will be required for the consultants’ services collectively. The team composition shall include the following:

SN	Designation	Basic requirements	Input (psn/months)
1	Team Leader/Solid Waste Management expert	Minimum of a master’s degree in either business management, organizational management, development studies, environmental/resource management or equivalent combination of education relevant to this assignment with 07 years of general experience in planning and at least 05years experience in solid waste management/resource management and or pollution control. Experience in	03

		developing environmental management plan, national/regional development plan etc. will be an added advantage.	
2	Environmentalist	Should hold a tertiary qualification in environmental management/engineering/science with 5 years' work experience in related field. Experience on solid waste management and pollution control will be necessary, but not compulsory. Experience in EIA will be beneficial.	02
3	Sociologist	At least tertiary qualification in sociology/anthropology with 5 or minimum 3 years' experience in related field	0.5
4	Financial analyst/Economist	Should hold a tertiary qualification in economics/commerce/business management/administration with 5 years' experience in related field. Experience in public private partnership will be beneficial.	0.5
5	Legal expert	At least bachelor degree in law with 5 years experiences in the sector.	0.5

10. Evaluation Criteria

The proposals submitted by the consultants will be evaluated based on the criteria below.

Specific experience of the Consultant (as a firm) relevant to the assignment	[15]
Adequacy and quality of the proposed methodology and work plan in responding to the Terms of Reference (TORs)	[35]
Key experts' qualification and competence - Team Leader/ Waste Management Expert - Environmentalist - Sociologist - Financial Analyst/ Economist - Legal Expert	[45] (15) (10) (7.5) (7.5) (05)
The number of points to be assigned to each of the above positions shall be determined considering the following three sub-criteria and relevant percentage weights: 1) General qualifications (general education, training, and experience): 20% 2) Adequacy for the Assignment (relevant education, training, experience in the sector/similar assignments): 70% 3) Relevant experience in the region (working level fluency in local language(s)/knowledge of local culture or administrative system, government organization, etc.): 10%	
Participation by nationals among proposed key experts	[05]

11. Remuneration

The consultant shall be paid as per the following schedule:

- 20% upon submission and approval of inception report.
- 50% upon submission and approval of revised national waste management policy
- 30% upon submission and approval of national waste management strategy

12. Facilities to be provided by the Client

The client will provide all relevant background information, including previous studies and reports. The client will also facilitate the consultant in obtaining relevant reports and data from other stakeholders, and in organizing stakeholder workshops. The consulting firm is required to manage all the arrangements with sufficient logistics, staff and infrastructure. No cost for such arrangements shall be borne by the Client, except for the cost related to the participation of stakeholders from islands (other than Male') in the Stakeholder Workshop.