



National Disaster Management Center

Male', Republic of Maldives

Terms of Reference (TOR) -

Digitizing Hazard, Vulnerability and Capacity Maps of 11 islands in Laamu Atoll

Background

The National Disaster Management Center (NDMC) is mandated to organize and conduct various programs needed to prepare the public for both natural and otherwise, and raising government and public awareness of such event.

The Community Based Disaster Risk Management (CBDRM) Programme is currently one of the most successful programmes run by NDMC as part of its efforts to reduce risk and increase preparedness and resilience. Over 50 islands have now undergone CBDRM process in the past three years.

The CBDRM Programme aims to reduce vulnerabilities and strengthen people's capacities to cope with hazards. It offers particularly effective means to reduce local risks and is a cost-effective approach for a geographically-isolated country such as the Maldives¹.

CBDRM is the approach and process of disaster risk management in which communities at risk are actively engaged in the identification, analysis, treatment, monitoring and evaluation of disaster risks in order to reduce their vulnerabilities and enhance their capacities to prevent and withstand damaging effects of hazards. CBDRM contributes to progressive realization of safety, disaster resilience and development of all.

One of the key outcomes of the CBDRM programme is the Island Disaster Management Plan. One integral part of the plan is the Hazard, Vulnerability, Capacity and Evacuation maps of the island prepared by the community through participatory mapping exercises. In order further utilize these maps digitizing was considered necessary.

With the support of UNICEF through the LECReD programme all 11 islands of Laamu Atoll has undergone this programme and developed disaster management plans. This assignment focuses on the digitizing the maps of these 11 islands.

Objectives

The objective of this assignment is to digitize existing maps from the Island Disaster Management Plans of 11 islands in Laamu atoll delivering digitized maps in PDF and in Q-GIS read format (shape-files).

Scope of Work

The scope of work for the assignment will include, but not necessarily be limited to, the following key activities:

1. Digitize Hazard, Vulnerability, Capacity and Evacuation maps provided in the disaster management plans of 11 islands of Laamu Atoll
2. Deliver the maps in PDF format as well as in Q-GIS read format (shapefiles)

¹ National Community Based Disaster Risk Management Framework

3. Provide version one of all the maps for comments before submitting final versions
4. Submission of final version of maps to NDMC

Deliverables

Tasks	Duration
Provide version one of all maps for comments	15 days
Deliver final maps in PDF format as well as in Q-GIS read format	5 days

Institutional Arrangement and Duration of work

The consultant will report to the UNICEF National Consultant; Low Emission Climate Resilient Development. All deliverables should be completed within 20 days.

Qualifications and Competencies

- Proven portfolio of relevant previous work
- Excellent technical capacity to ensure smooth and high quality work.

Special consideration

The candidate should:

- Express enthusiasm and willingness to share experiences and transfer knowledge
- Take responsibility and make sure tasks are fully completed
- The incumbent should be available for the suggested schedule

Scope of Price Proposal and Payments

The digitization prize of Hazard, Vulnerability, Capacity and Evacuation Map per island is MVR2000/-, Total for 11 islands is MVR22000/-. Payment will be made once all deliverables and tasks are completed and submitted to the National Disaster Management Center.

Deadline for application

Candidates interested in this assignment are required to apply to the National Disaster Management Center via email; info@ndmc.gov.mv by 27th September 2017, with a CV and portfolio of related work.

For more information contact:

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