



OFFICE OF THE VICE PRESIDENT

DISASTER MANAGEMENT AND MITIGATION UNIT

INVITATION FOR EXPRESSIONS OF INTEREST

DEVELOPMENT OF THE ZAMBIA CLIMATE INFORMATION OPEN DATA SHARING PLATFORM

1. Introduction

The Disaster Management and Mitigation Unit (DMMU) has received financing from the World Bank to implement sub- component 1.2 of the Pilot Programme Climate Resilience (PPCR): Strengthened Climate Information whose main objective is to provide reliable, accessible, timely early warning and climate information to vulnerable communities. This sub- component is aimed at supporting the a social marketing awareness campaign, strengthened early warning system and establishment of an open data platform. The DMMU is therefore calling for expression of interest from eligible consulting firms to implement the development of the Zambia Climate Information Open Data Sharing Platform for Disaster Risk Initiative in the Barotse and Kafue Sub- basin to facilitate for easy collection, storage, sharing, and dissemination of climate and disaster related information among stakeholders and the communities in the project areas to build resilience to climate and disaster risk.

2. Key Objectives of the Assignment

The key objectives of this consultancy is to:

- i. Design and develop an open data sharing platform for the pilot project areas to be hosted at the DMMU. The platform will serve as an open, online, dynamic atlas for the general public on disaster and climate risk information, and a restricted information and knowledge sharing platform for government, NGOs, United Nation agencies, and the private sector;
- ii. Standardize and organize geospatial data layers in pilot areas and upload on the open data platform.
- iii. To drive pluvial and fluvial flood guidance, the water requirement satisfaction index (WRSI), heat wave guidance, and Post Damage and Needs Assessment (PDNA) guidance and early warning information.
- iv. Build capacity of all DMMU structures and other key stakeholders to develop policies to improve data access and data sharing and the uptake and administration of the platform;
- v. Develop applications on the platform to help decision makers make climate and disaster risk

- reduction decisions, such as early warning or impact scenarios for contingency planning;
- vi. To integrate the open data platform with existing initiatives in the country such as the SMS alert System and Zambia Emergency Preparedness Information System (ZEPRIS);
 - vii. To develop data sharing mechanisms between the DMMU and affected communities

3. Reporting

All activities during the development shall be carried out in a participatory and consultative manner. The consultant will be left with a multi-disciplinary team set up by DMMU.

4. Expertise Required

The Disaster Management and Mitigation Unit in the office of the Vice President, now invites consultants with the requisite expertise in providing the Consultancy Service for the Development of Zambia Climate Information Open Data Sharing Platform. The consultant(s) should demonstrate high knowledge and skill in areas that constitute or cover the areas detailed below and must submit the following:

4.1 Details of the Organization

- (a) Name of Organization
- (b) Address of Head Office
- (c) Area of expertise
- (d) Certificate of Incorporation

4.2 Organizational Experience and Profile

- The firm must have demonstrated experience in community-based work in Zambia or sub-Saharan Africa in several projects, preferably related to IT and GIS;
- The firm should have a proven track record of managing projects in ICT and/or GIS that involve handling IT and GIS software and hardware

5.0 The Qualifications of the consultancy

The qualifications of the consultancy shall include the following:

- The consulting firm should be composed of a team leader and supporting members possessing relevant qualifications.
- The consultant/ team leader should hold a masters' degree in disaster management or Information Communications Technology or equivalent with 10 years working experience.
- Demonstration of Knowledge and experience of having undertaken similar World Bank or government projects will be added advantage.
- Should have proven capacity in GIS and Earth Observation Sciences, systems development, information and knowledge management and databases development;
- Proven track record in delivery systems on time
- Good understanding of the assignment at hand

- The team members should consist of a GIS expert, ICT specialist, data development and management expert, crowd sourcing and crowd feeding expert and systems development expert; and
- The team members of the consulting team above should be degree holders in their respective areas of specialization and should have five years experience of doing similar assignments.

Interested consultants may obtain further information at the address below.

Expressions of interest clearly marked “**EXPRESSION OF INTEREST FOR THE DEVELOPMENT ZAMBIA CLIMATE INFORMATION OPEN DATA SHARING DATA PLATFORM**” must be delivered to the address below by 19th May, 2017 at 16: 00 hours, Central African time.

Address and Contact:

The Procurement Officer
Disaster Management and Mitigation Unit
Plot No. 25 Tito Road, P.O.Box 38963
Lusaka

Tel: +260211252692