

REQUEST FOR EXPRESSIONS OF INTEREST

SAINT LUCIA

DISASTER VULNERABILITY REDUCTION PROJECT

Assignment Title: Senior Spatial Data Management Coordinator (SDM Coordinator)

The Government of Saint Lucia has requested financing from the World Bank to develop a project, the Disaster Vulnerability Reduction Project (DVRP) that would contribute to the reduction of vulnerability to natural hazards in Saint Lucia. Part of the proceeds would be used to hire a Consultant to provide services as Senior Spatial Data Management Coordinator.

The Ministry of Finance, Economic Affairs, Planning and Social Security now invites eligible individual consultants to indicate their interest in providing the services. Interested individual consultants must provide information indicating that they are qualified to perform the services (CV's, description of similar assignments, experience in similar conditions, clients' references, etc.).

A consultant will be selected in accordance with the procedures for **Selection of Individual Consultants** set out in the World Bank's *Guidelines: Selection and Employment of Consultants by World Bank Borrowers* (2011).

SERVICES REQUIRED

The overall objective is to ensure the sustainable implementation and governance of a Geodata/national GIS platform within the Government of Saint Lucia. In addition, the SDM coordinator will provide technical assistance and build capacity in spatial data management and GIS analysis for climate impact assessment and other related areas.

SPECIFIC DUTIES AND OUTPUTS

- a. The SDM coordinator must be able to understand emerging GIS or spatial data management technologies and their application to a National GIS service;
- b. Assess the appropriateness and integrity of the existing datasets for use in a GIS format;
- c. Identify core spatial datasets and the standards and maintenance of these datasets;
- d. Ensure that metadata guidelines are developed for all custodial spatial datasets collected at all determined levels;
- e. Once the GIS data and platform is developed, the SDM Coordinator must be able to administer the GeoNode application with a focus on facilitating the design and upgrading of the GeoNode;

- f. Provide strategic guidance to the World Bank and partner organizations on how to more effectively use both the GIS and GeoNode platforms to support DRM decision-making in Saint Lucia and to deliver a more efficient emergency response countrywide;
- g. Provide feedback on the operation of the GeoNode including relevance, updates, bugs and any such issues;
- h. Conduct outreach and deliver GIS training to specifically selected Ministries and partner organizations using applications-based approach;
- i. Stimulate the growth of the community of users of and contributors to the GIS platform;
- j. Build GIS capacity building within the Ministry of Physical Development Environment And Housing;
- k. Identify, upload, and style new or updated data on the GeoNode;
- l. Provide a suite of disaster risk tools and maps (using existing information) for decision-makers and the public on the appropriate platform;
- m. Using GeoNode platform, establish relationships with local/regional open source software community and within the local/regional university system to promote the use of the GeoNode specifically;
- n. Promote and assist in the development of a framework to undertake community mapping activities for selected line Ministries, partner organizations and volunteers;
- o. Facilitate and establish a spatial data management committee and user group consisting of members from participating Ministries and Agencies as a means of ensuring common data standards, data protocols and policies are set, and to enhance the sharing of ideas and information.

DURATION

The assignment will be for a duration of one year with the option of extension for an additional one year based upon performance and quality of work outputs.

Qualifications Requirements and Performance Criteria

- Master's degree in GIS, Geography, Earth Science, Engineering, Computer Science or a related field from an accredited college or university with at least 5 years' experience using GIS software and mapping services; or

- Bachelor's degree in GIS, Geography, Earth Science, Engineering, Computer Science or a related field from an accredited college or university with at least 8 years' experience using GIS software and mapping services; and
- Demonstrated experience developing technical training materials and conducting training; and
- Experience with government GIS applications especially in such business areas as planning, engineering, public safety and environmental policy; and
- Knowledge of remote sensing technology, mapping and /or surveying equipment, spatial data management software and working knowledge of ArcGIS, database design and administration, AutoCad, and surveying principles;
- Knowledge of GPS technology and well versed in operation of GPS equipment;
- Demonstrated ability to work with and negotiate with international agencies; and
- Demonstrated capacity to work independently and in a group environment

Further information on the assignment is contained in the Terms of Reference which can be obtained from the Project Coordination Unit.

Expressions of interest, together with CV's and other documents, may be sent by mail, email or fax and must be delivered to the address below by July 31, 2013.

Project Coordination Unit

Attn: Cheryl Mathurin, Project Coordinator

Disaster Vulnerability Reduction Project

Department of Planning and National Development

Ministry of Finance, Economic Affairs, Planning and Social Security

5th Floor, Conway Business Centre

Waterfront, Castries

Saint Lucia

Tel: 1-758-468-5816

Fax Number: 1-758-453-0417

Email: slupcu@gosl.gov.lc