REQUEST FOR EXPRESSION OF INTEREST
Senior GIS Analyst, Epidemiological Surveillance

Background

The Ministry of Health & Wellness seeks to strengthen the capacity for analysis of surveillance data at the national level. This is in recognition of the increased availability of data and need for rational use of data to inform interventions. This includes the use of data generated via routine disease/ event based and sentinel surveillance systems as well as the identification and harnessing of non-traditional data sources. It is apparent in light of recent outbreaks that a critical component of the national surveillance system is the ability to maintain capacity and remain resilient in the face of new public health threats. The system must therefore be able to maintain routine data management functions while responding to increased demand for useful information synthesized in the face of public health threats.

To this end, the Ministry of Health & Wellness is building a data science team capable of processing large volumes of routine and new or Big data in ways that meet the needs of various stakeholders. This includes building the capacity to develop and maintain resilient systems for timely data capture, processing and information synthesis and dissemination. The data science team will consist of existing staff with the addition of data scientists, geospatial analysts, and other staff who will enhance the analytical capabilities at the national level and improve the capacity for data analysis and use at the subnational levels.

A Senior GIS Analyst specializing in spatial data analysis will be recruited to enhance capacity for integrating spatial data into more complex analyses to rapidly generate information.

The Ministry of Health & Wellness now invites eligible individual consultants to indicate their interest in providing the services.

The requirements are:

Qualifications

- An undergraduate university degree in geography, computer science, a natural science or a related discipline;
- A graduate degree in a computer science, biostatistics, or other appropriate field is an asset
- A minimum of 5 years' experience in the use of geospatial technology tools
- Ability to program, configure, manage, and maintain the operation of complex geospatial databases
- Experience in the configuration, use and management of the ESRI suite of software including ArcGIS, ArcSDE, ArcGIS Server and other GIS applications
- Knowledge of Python programming and R Statistics are an asset.

Core Competencies

- Good interpersonal skills;
- Strong communication skills and a demonstrated ability to build consensus and work with interdisciplinary teams are required;
- Analytical thinker;
- Strong written and verbal communication skills;
- Confidential;
- High integrity.

EOI Submission

Expression Interests in the form of an Application Letter and Curriculum Vitae must be submitted electronically via email address **edwardsta@moh.gov.jm** on or before **Thursday, December 31, 2020 at 10:00 a.m.**

The detailed Terms of Reference can be viewed on the MOH website at **www.moh.gov.jm.**

Shortlisted consultants will be contacted for interview via the Zoom platform.

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We thank all applicants, however; please note only shortlisted candidates will be contacted.