

REQUEST FOR EXPRESSIONS OF INTEREST

SAINT LUCIA DISASTER VULNERABILITY REDUCTION PROJECT

IDA CREDIT # 5493-LC, SCF Loan # TF 017101, SCF Grant # TF 017143

Assignment Title: Consultancy Services for Development of Specifications for an Integration Solution For Hydro-Meteorological Data and Information Dissemination for the Government of Saint Lucia

Reference No. DVRP-CS-IC-TAO-01-15

Saint Lucia has received financing from the World Bank towards the Disaster Vulnerability Reduction Project (DVRP) and intends to apply part of the proceeds for consulting services for engagement of a Consultant to develop specifications for an integrated solution for hydro-meteorological data and information dissemination.

The consulting services (“the Services”) include (i) development of specifications for data integration and access layers so that a) the integration layer will interface with the various databases and data collection/production systems used by the Water Resource Management Service (WMRA) and Saint Lucia Meteorological Services (SLMS) and b) the access layer will provide a set of unified technologies for the SLMS and the WRMA to access and manage hydromet data and information products produced by either agency, (ii) Investigate and specify improvements to the provision and dissemination of hydromet data products, via the integration infrastructure, to end-users in the GoSL and various other sectors of Saint Lucia’s economy and (iii) Oversee the development of the integration solution and ensure that the specifications are met during implementation and that the work performed is of high quality. *(The Terms of Reference for the assignment may be accessed at www.finance.gov.lc / www.govt.lc/consultancies/ www.govt.lc/notices)*

The Department of Economic Development, Transport and Civil Aviation now invites eligible individual consultants (“Consultants”) to indicate their interest in providing the Services. Interested Individual Consultants should provide information demonstrating that they have the required qualifications and relevant experience to perform the Services; (Curriculum Vitae, description of similar assignments, experience in similar conditions, clients’ references etc). Interested Consultants should have the following requisite minimum qualifications and professional experiences listed below for undertaking the assignment.

Qualifications

The consultant will demonstrate the following qualifications:

- Demonstrated experience with creating Data Management/Integration Services for NHMS or similar agencies in the last 5 years.
- Demonstrated experience with projects involving the processing and analysis common hydrometeorological data formats (NetCDF, HDF,XML,BUFR,GRIB,LRIT/HRIT).
- Demonstrated experience with the integration of meteorological satellite data with *in situ* sensor data.
- Proven experience with functional and technical requirements elicitation (business analysis) and gap analyses.
- Proven experience with the creation of hydromet information products meant for technical as well as non-technical audiences.
- Experience with WMO and OGC standards (Sensor Web) related to hydro-meteorological data collection, management and dissemination.
- Demonstrated experience with recent W3C standards for HTML5 and CSS3 as well as Web Content Accessibility Guidelines (WCAG) would be desirable.
- Demonstrated working experience with developing technical specifications for World Bank procurement documents. Experience with bidding documents is desirable.
- Previous working experience with the World Bank and/or WMO is desirable.
- Previous working experience in the Caribbean region is desirable.

The attention of interested Consultants is drawn to paragraph 1.9 of the World Bank's Guidelines: *Selection and Employment of Consultants under IBRD Loans and IDA Credits & Grants by World Bank Borrowers; January 2011-Revised July 2014* ("Consultant Guidelines"), setting forth the World Bank's policy on conflict of interest.

A Consultant will be selected in accordance with the Individual Consultants (IC) method set out in the World Bank's *Guidelines: Selection and Employment of Consultants under IBRD Loans and IDA Credits & Grants by World Bank Borrowers January 2011 Revised July 2014* ("Consultant Guidelines").

Further information can be obtained at the address below during office hours 8:00 a.m. - 4:00p.m. (0800 to 1600 hours).

Expressions of Interest must be delivered in a written form to the address below (in person, or by mail, or by e-mail) by **August 20, 2019**.

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