

Call for CVs- Assistant Climatologist

Institution: The University of the West Indies, Mona

Country: Jamaica

Project: Investment Plan for the Caribbean Regional Track of the Pilot Program for Climate Resilience

Sector: Environment and Natural Disasters- Climate Change Adaptation Policy

Abstract: Assistant Climatologist

Grant No.: ATN/SX-14969-RG

Bid No.: IC23/C2.00-1

Deadline: 23rd August 2018

The Inter-American Development Bank (IDB) has provided grant funding in the amount of US\$10.39 million to the Caribbean region to implement the Investment Plan for the Caribbean Regional Track of the Pilot Program for Climate Resilience (PPCR) over a five-year period. The program is being executed by the University of the West Indies (UWI), through its Mona Office for Research and Innovation (MORI), and is also co-implemented by regional organizations working on climate change in the region.

The UWI now invites eligible Candidates to apply for the following consulting service: ***Assistant Climatologist*** by submitting their Curriculum Vitae (CV) in the format indicated to the address below. CVs must indicate the minimum qualifications required as per the Terms of Reference attached.

The Assistant Climatologist will: (a) support the work of the Caribbean Regional Climate Centre (CRCC) through the analysis of data from the regional network of national meteorological services to ensure the delivery of monthly region wide operational seasonal climate forecasts and monitoring products; (b) work with the Sector Climate Products Development Specialist to support the enhancement of existing climate products and the development of new products to provide information products tailored to the national and regional sectors; (c) continue to support the enhancement of the CRCCs Caribbean Climate Outlook Generator (CAROGEN) platform, and; (d) support the capacity building of PPCR countries and regional institutions in the development of national climate monitoring and forecasting products.

A Consultant will be selected through a comparison of qualifications as described in Section V- Selection of Individual Consultants of GN-2350-9 Policy for the Selection and Contracting of Consulting Services financed by the IDB which can be found at the following website: www.iadb.org/procurement.

Eligible and interested candidates must respond in writing, by submitting their details via email, no later than **23rd August 2018** to:

Attn: Erica Haughton-Procurement Officer
MORI-PPCR Project Management Unit
Electronics Building, Department of Physics
University of the West Indies
erica.haughton02@uwimona.edu.jm

Eligibility

To determine eligibility, a Consultant shall be a national of member countries of the Bank. Consultants from other countries shall be disqualified from participating in contracts intended to be financed in whole or in part from IDB financing.

An individual is considered to be a national of a member country of the Bank if he or she meets either of the following requirements:

- i. is a citizen of a member country; or
- ii has established his/her domicile in a member country as a “bona fide” resident and is legally entitled to work in the country of domicile.

Eligible countries are: Argentina, Austria, Bahamas, Barbados, Belgium, Belize, Bolivia, Brazil, Canada, Colombia, Costa Rica, Chile, Croatia, Denmark, Dominican Republic, Ecuador, El Salvador, Finland, France, Germany, Guatemala, Guyana, Haiti, Honduras, Israel, Italy, Jamaica, Japan, Mexico, Netherlands, Nicaragua, Norway, Panama, Paraguay, People’s Republic of China, Peru, Portugal, Republic of Korea, Slovenia, Spain, Suriname, Sweden, Switzerland, Trinidad & Tobago, United Kingdom, and United States, Uruguay and Venezuela.

Eligible Territories are:

- a Guadeloupe, French Guiana, Martinique, Reunion – as Departments of France
- b U.S. Virgin Islands, Puerto Rico, Guam – as Territories of the USA
- c Aruba – as a constituent country of the Kingdom of the Netherlands; and Bonaire, Curacao, Saint Marten, Saba, St Eustatius – as Departments of the Kingdom of the Netherlands
- d Hong Kong – as a Special Administrative Region of the People’s Republic of China”

TERMS OF REFERENCE

Project No.: ATN/SX-14969-RG

Project Name: Investment Plan for the Caribbean Regional Track of the Pilot Program for Climate Resilience

Name of Consulting Service: Assistant Climatologist

I. BACKGROUND

- I.1 The Inter-American Development Bank (IDB) has provided grant funding in the amount of US\$10.39 million to the Caribbean region to implement the Investment Plan for the Caribbean Regional Track of the Pilot Program for Climate Resilience (PPCR) over a five-year period. The program is to be executed by the University of the West Indies (UWI), through its Mona Office for Research and Innovation (MORI), and will be co-implemented by regional organizations working on climate change in the region.
- I.2 The general objective of the operation is to improve regional processes of climate relevant data acquisition, storage, analysis, access, transfer and dissemination and to pilot and scale up innovative climate resilient initiatives. In pursuing this objective the program will utilize a regional approach, that seeks to develop data and information products and services that can be utilized at both the regional and national levels. The program is structured in four components:
- Component 1. Improving geospatial data and management for adaptation planning, sea level rise and storm surge impact analysis. The focus of the component is to improve the accessibility of high quality and current/updated bathymetric and near shore topographic data to support climate change analysis related to sea-level rise, storm surge, flooding, and ongoing adaptation planning at the regional and national levels.
 - Component 2. Consolidating and Expanding the Regional Climate Network and Global Platform Linkages. The focus of the component is to strengthen regional and national structures and mechanisms for the delivery of climate products and services at the national level through enhancements to the regional climate data monitoring networks and complementary linkages with global climate information centers/platforms.
 - Component 3: Downscaling and Expanded Climate Projection Models and High Resolution Maps. The focus of this component is to improve and enhance the availability of the downscaled future climate projections in the Caribbean in support of adaptation planning, decision making, and sector level modeling/projection efforts (such as marine, agriculture, health and water).
 - Component 4: Applied Adaptation Initiatives. This Component will finance various sectoral interventions led by different regional organizations in Health, Marine, Agriculture and Water sectors.
- I.3 Component 2 is co-implemented with the Caribbean Institute for Meteorology and Hydrology (CIMH) and aims to facilitate:

- i. improvements in the acquisition of weather data across Caribbean PPCR countries;
- ii. the development of priority climate products and services for some PPCR countries, to complement ongoing initiatives aligned with the Global Framework for Climate Services (GFCS);
- iii. six capacity building workshops for the national meteorological offices to deliver on their expanded role as providers of climate services at the national level; and
- iv. increased capacity of backup storage of regional climate data.

I.4 These actions will directly support building resilience to climate change and climate variability in priority climate sensitive sectors at national levels, the reduction of negative climate impacts in such sectors, and enhance existing safeguards for the region's valuable climate data.

II. OBJECTIVE:

II.1 MORI is now seeking an Assistant Climatologist to:

- (i) Support the work of the Caribbean Regional Climate Centre (CRCC) through the analysis of data from the regional network of national meteorological services to ensure the delivery of monthly region wide operational seasonal climate forecasts and monitoring products.
- (ii) Work with the Sector Climate Products Development Specialist to support the enhancement of existing climate products and the development of new products to provide information products tailored to the national and regional sectors;
- (iii) Continue to support the enhancement of the CRCCs Caribbean Climate Outlook Generator (CAROGEN) platform, and;
- (iv) Support the capacity building of PPCR countries and regional institutions in the development of national climate monitoring and forecasting products.

III. ACTIVITIES:

III.1 Specifically, the consultant will undertake the following activities:

- i. Preparation of training manuals and course materials, including but not limited to training in seasonal climate forecasting and monitoring products.
- ii. Development of products/methodologies for monitoring and forecasting to be used in PPCR countries and the region in general.
- iii. Draft policy briefs on climate products for use in PPCR countries and the region in general.
- iv. Assist in climate data preparation and quality control from manual and automatic weather stations in at least three PPCR countries.

IV. DELIVERABLES:

IV.1 The consultant is expected to produce the following deliverables:

- i. Training manual for course on rainfall and temperature monitoring and forecasting for National Meteorological and Hydrological Services across the region.

- ii. Monitoring and forecasting products established in at least three PPCR countries.
- iii. Regional Policy Briefs developed on climate products for at least three PPCR Countries.
- iv. Enhanced, quality controlled data sets in three PPCR countries.
- v. Monthly Progress Reports.

V. SUPERVISION

V.1 The consultant will work out of the CIMH office at Husbands, St. James, Barbados and be supervised by the Chief of Applied Meteorology and Climatology/ Head of the Caribbean Regional Climate Centre of the CIMH. CIMH will approve the consultant's deliverables as satisfactory and submit same to the PPCR PMU to authorize payment. The PPCR PMU reserves the right to request changes and/or additional information before authorizing payment. The Assistant Climatologist may also be required to conduct regional and international travel, the cost of which will be funded in addition to this contract.

VI. QUALIFICATIONS

- **Academic Degree:**

Candidates should possess a minimum of a graduate degree (M.Sc. or higher) specializing in Climate Modeling, Climate Science, Computer Science or a related discipline.

- **Level & Years of Professional Work Experience:**

The successful candidate should have:

- (i) a proven track record of seasonal climate forecasting using statistical or dynamical climate models, particularly in the Caribbean context.
- (ii) Knowledge of programming and scripting for integration of model output in spatial databases and automation of forecasting procedures is a pre-requisite.
- (iii) Prior experience in capacity building of Meteorological Services in the art of seasonal climate forecasting would be an asset.
- (iv) Familiarity with the application of climate services in the Caribbean context would be a further asset. The successful candidate will be expected to provide critical support and leadership to the Caribbean Climate Outlook Forum (CariCOF).
- (v) Processing of large datasets with spreadsheet/database software;
- (vi) GIS and spatial analysis tools, and;
- (vii) Scientific principles of climate variability in the Caribbean.
- (viii) Prior work experience in the Caribbean related to the core disciplines related to this project would be an asset.

- **Skills:**

Additionally, the successful candidate should be performance driven through independent as well as, collaborative and synergetic research. He/She should demonstrate excellent coordination and communications skills and experience in small/mid-scale project funding acquisition.

VII. CHARACTERISTICS OF THE CONSULTANCY

- Type of consultancy: Individual
- Contract Duration: Annually renewable for up to two years
- Means of payment: Monthly against an approved progress report and invoice.
- Place of work: Caribbean Institute of Meteorology and Hydrology, Husbands, St. James, Barbados.
- Eligibility: Interested candidates should be citizens of Barbados or be citizens of one of the member countries of the IDB and have permission to work in Barbados.

Curriculum Vitae (CV) Template

Note: text in blue italics is provided as a guide only and should be removed in the final document being submitted.

Name of Consultancy:	
Name of Consultant:	<i>[Insert full name]</i>
Date of Birth:	<i>[day/month/year]</i>
Country of Citizenship/Residence:	
Contact information:	<i>[e-mail....., phone.....]</i>

Education: *[List college/university or other specialized education, giving names of educational institutions, dates attended, degree(s)/diploma(s) obtained]*

Employment record relevant to the assignment: *[Starting with present position, list in reverse order. Please provide dates, name of employing organization, titles of positions held, types of activities performed and location of the assignment, and contact information of previous clients and employing organization(s) who can be contacted for references. Past employment that is not relevant to the assignment does not need to be included.]*

Period	Employing organization and your title/position. Contact information for references	Country	Summary of activities performed relevant to the Assignment
<i>[e.g., May 2005-present]</i>	<i>[e.g., Ministry of, advisor/consultant to... For references: Tel...../e-mail.....; Mr. Bbbbbb, deputy minister]</i>		

Membership in Professional Associations and Publications:

Language Skills (indicate only languages in which you can work):

Certification:

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience, and I am available to undertake the assignment in case of an award. I understand that any misstatement or misrepresentation described herein may lead to my disqualification or dismissal by the Client, and/or sanctions by the Bank.

Name of Consultant

Signature

Date

- (i) This CV correctly describes my qualifications and experience
- (ii) I am employed by the Executing or the Implementing Agency
- (iii) I was part of the team who wrote the terms of reference for this consulting services assignment
- (iv) I am not currently debarred by a multilateral development bank (If yes, identify who)

Ye s	No