



## TERMS OF REFERENCE

### CHIEF RISK MANAGEMENT OFFICER – CCRIF SPC

#### BACKGROUND

In 2007, the Caribbean Catastrophe Risk Insurance Facility was formed as the first multi-country risk pool in the world, and was the first insurance instrument to successfully develop parametric policies backed by both traditional and capital markets. It was initially designed as a regional catastrophe fund for Caribbean governments to limit the financial impact of devastating hurricanes and earthquakes by quickly providing financial liquidity when a policy is triggered. In 2014, the facility was restructured into a segregated portfolio company (SPC) to facilitate offering new products and expansion into new geographic areas and is now named CCRIF SPC. The new structure, in which products are offered through a number of segregated portfolios (SPs), allows for total segregation of risk. In April 2015, CCRIF SPC signed an MOU with COSEFIN - the Council of Ministers of Finance of Central America, Panama and the Dominican Republic - to enable Central American countries to formally join the facility.

CCRIF was developed under the technical leadership of the World Bank with a grant from the Government of Japan. It was capitalised through contributions to a Multi-Donor Trust Fund (MDTF) by the Government of Canada, the European Union, the World Bank, the governments of the UK and France, the Caribbean Development Bank and the governments of Ireland and Bermuda, as well as through membership fees paid by participating governments. In 2014, an MDTF was established by the World Bank to support the development of new products for current and potential members and facilitate the entry for Central American countries and additional Caribbean countries in the Facility. The MDTF currently channels funds from various donors, including Canada, through Global Affairs Canada; the United States, through the Department of the Treasury; the European Union, through the European Commission, and Germany, through the Federal Ministry for Economic Cooperation and Development and KfW. In 2017, the Caribbean Development Bank, with resources provided by Mexico, approved a grant to CCRIF SPC to provide enhanced insurance coverage to the Bank's Borrowing Member Countries and in 2018, the Government of Ireland also provided support to CCRIF.

CCRIF provides parametric catastrophe insurance for tropical cyclones, earthquakes, excess rainfall, fisheries and electric utilities to Caribbean and Central American governments; and now for electric utility companies and operates as a developmental insurance company – as the goods and services provided are designed to enhance the overall developmental prospects of members. The Facility has 26 members – 19 Caribbean governments, 4 Central American governments and 3 Caribbean electric utility companies. CCRIF's parametric insurance mechanism allows it to provide rapid payouts within 14 days of an event to help members finance their initial disaster response and maintain basic government functions after a catastrophic event. Parametric insurance products are a key component in a country's disaster risk financing strategy and are designed to pre-finance short-term liquidity helping to close the protection gap, reduce budget volatility and allow countries respond to their most pressing needs post disaster. Since the inception of CCRIF in 2007, the Facility has made 75 payouts to 21 members on their CCRIF policies, totalling approximately US \$359 million. Also, CCRIF has made 28 payments totalling

approximately US \$4 million under member governments' Aggregated Deductible Cover (ADC) endorsement on their tropical cyclone or earthquake policies.

CCRIF SPC is a segregated portfolio company, owned, operated and registered in the Cayman Islands with a board of directors which is responsible for overall governance and a chief executive officer with responsibility for providing the strategic direction of the company and managing it on a day-to-day basis. It operates primarily as a virtual organisation, supported by a network of service providers covering the areas of risk management, risk modelling, captive management, reinsurance, reinsurance brokerage, asset management, technical assistance, corporate communications, human resources and information technology.

CCRIF's sustainability relies on certain key factors:

- Continuing operations with the capacity to fund payouts, within the agreed timeframe, while maintaining adequate capital and reserves and satisfying regulatory requirements;
- Ability to attract members by offering relevant products with competitive pricing while always reinforcing the objectives and limitations of parametric insurance coverage.
- Supporting its members with technical assistance and ensuring a close working relationship with members that value the need for parametric insurance coverage considering more frequent and severe natural hazards.
- Development of new products which continue to cater to the needs of its members aimed at addressing the climate change related disaster risks.

## PRIMARY FUNCTIONS AND RESPONSIBILITIES

Working under the supervision of the CEO, the **Chief Risk Management Officer (CRMO)** is a full-time managerial position within CCRIF SPC responsible for providing technical leadership and advice to the management and board as it relates to the areas of risk management, financial planning, catastrophe modelling, and (re)insurance placement. This position will therefore seek to provide technical input and review as well as act as an independent evaluator to the work of two of CCRIF's main service providers – the Risk Management Specialist (RMS) and the Placement Broker. This functionary will enable CCRIF to take stronger ownership of the risk and risk evaluation process and provide the strategy input from CCRIF's perspective thus improving ownership of strategic decisions on models and result interpretation. The CRMO will play a lead role in ensuring the integrity of CCRIF's models and its products in order to ensure the company's solvency and liquidity standards.

Specifically, the CRMO:

- Supervise the areas of risk management, financial planning, catastrophe modelling, product development, insurance and reinsurance including the work of all related technical staff and consultants.
- Ensure that models developed or revised for CCRIF are technically sound and that the risk profiles, underpinning country policies, employ the most recent data while providing the required supervision to the RMS.

- Monitor and inform other members of the management team of new and emerging trends and issues and ways of addressing these and as such provide advice related to new model and product development and expansion of CCRIF's services and membership.
- Oversee and supervise the Risk Management Specialist.
- Maintain effective communication and coordination with and between the RMS and Placing Broker.
- Supervise the work of the RMS in order to ensure that the Dynamic Financial Analysis (DFA) Model is effectively maintained, operated, and refined as appropriate to facilitate as accurate as possible policy structure and pricing to ensure CCRIF's financial survivability and long-term sustainability as per the company's financial security policy and in line with its members' catastrophe risk profiles.
- Propose most suitable cover options for each client based on input from RMS and model results, while assuring that solvency and financial security are always maintained.
- Manage development and implementation of research and development programs.
- Prepare necessary documents for renewals, individual for each country (i.e. presentations and reports), in close cooperation with RMS. timely and to high quality.
- Develop and recommend reinsurance structure in line with CCRIF's solvency and financial security.
- Own, in conjunction with the RMS and Placing Broker, the strategy to retain, diversify and transfer risk based on the overall CCRIF risk profile.
- Prepare recommendations to the Board regarding CCRIF's risk transfer strategy and the pricing and terms of its policies.
- Provide technical support for new applications for parametric insurance (e.g. local or regional governments, utility & infrastructure companies) in cooperation with RMS and broker.
- Collaborate with COO on the production of the annual report as well as reports for the World Bank and other stakeholders.
- Identify best insurance and reinsurance placement options for in and outward risk transfer.
- Liaise with RMS on timely production of event reports of high quality and with the Insurance Provider to ensure all payments are made and are communicated in a timely manner.
- Manage the formulation and implementation of approved R&D programmes.
- Supervise and direct the updating CRPs by RMS including new chapters (climate change, disaster preparedness, etc.).
- Safeguard CCRIF's catastrophe models, tools and related files and documentation.
- Lead CCRIF's Risk Management team, setting performance objectives, effectively managing performance, and supporting the professional development of direct reports.
- Provide key support to the CEO and Business Development Specialist in business development and product development.
- Provide training and communication in relation to technical topics.
- Provides technical support for initiatives/areas not covered by RMS.

- Performs such other functions relating to the broad area of risk management as may from time to time be required by the CEO and the Board.

## **QUALIFICATIONS AND EXPERIENCE**

### **Minimum Requirements**

- Master's degree in insurance, cat modelling, actuarial science, or related field.
- Minimum of 10 years' experience in a similar industry covering at least two of the following functions: risk management practices, cat modelling, reinsurance
- A minimum of 5 years of leadership and/or line management experience, including managing a team and risk systems.

## **FUNCTIONAL COMPETENCIES**

### **Technical Competencies**

- Expertise in risk management and financial planning
- Expertise in the development of Cat Models, actuarial methods and DFA.
- Knowledge of insurance and regulatory requirements.
- Strong data & analytics knowledge.
- Quantitative skills.
- Excellent with numbers and financial planning.
- Advanced analytical skills.
- Strong data and analytics knowledge.

### **Leadership and Personal Competencies**

- Leadership skills.
- Decision making skills.
- Strategic thinking.
- Communication skills.
- Conflict management.
- Ability to build effective working relationships (both internal and external).
- Accuracy and attention to detail.
- Problem solving skills.
- The ability to work under pressure.

## **LANGUAGE COMPETENCIES**

- Excellent oral and written communications skills in English
- Fluency in Spanish, both spoken and written, is an asset

## **OTHER REQUIREMENTS**

- Willingness and ability to work virtually and to travel on official business when required.
- Flexibility to work irregular schedules to accommodate coordination with global partners and team members across varying time zones.

## **TIMING**

- The contract period will be for a period of three years, with the possibility of extension or renewal.
- The assignment will start upon execution of the contract.
- This is a full-time position.

## **REMUNERATION**

A competitive compensation package will be offered and is negotiable based on the qualifications and experience of the candidate.

## **APPLICATION PROCESS**

All suitably qualified persons interested in this opportunity should apply by May 7, 2025.

Email applications to: [jobs@ccrif.org](mailto:jobs@ccrif.org)

Due to the high volume of applications, only shortlisted candidates will be contacted.