



RCCAME PROJECT



CARIBBEAN INSTITUTE FOR METEOROLOGY AND HYDROLOGY (CIMH)

**STRENGTHENING INSTITUTIONAL CAPACITY FOR A RESILIENT CARIBBEAN
COASTAL AND MARINE ENVIRONMENT (RCCAME) PROJECT**

GENERAL PROCUREMENT NOTICE

Funded by the European Union within the framework of the ACP - EU



Funded by
the European Union



INTRA-ACP DISASTER RISK REDUCTION PROGRAMME



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GENERAL PROCUREMENT NOTICE

The Caribbean Institute for Meteorology and Hydrology (CIMH) has received financing from the Caribbean Development Bank (CDB) in an amount equivalent to USD1,542,100 towards the cost of **“Strengthening Institutional Capacity for a Resilient Caribbean Coastal and Marine Environment (RCCAME) Project”** and intends to apply a portion of the proceeds of this financing to eligible payments under contracts procured under this project. Payments by CDB will be made only at the request of CIMH and upon approval by CDB and will be subject in all respects to the terms and conditions of the Financing Agreement. The Financing Agreement prohibits withdrawal from the financing account for the purpose of any payment to persons or entities, or for any import of goods, if such payment or import, to the knowledge of CDB, is prohibited by a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations. No party other than CIMH shall derive any rights from the Financing Agreement or have any claim to the proceeds of the Financing.

The following consultancy assignments will be procured under the project:

(a)	Consultancy Services for Marine Forecaster Services
(b)	Consultancy Services for Expansion of Air Quality Monitoring and Predictions
(c)	Air Quality Monitoring and Prediction Internship (3 Interns)
(d)	Consultancy Services for Cascading Hazard Workflow Development
(e)	Consultancy Services for Climate Modeller
(f)	Consultancy Services for Publication and Dissemination of the Caribbean Research for Action Agenda on Climate Change and Health Consultancy
(g)	Communication Consultant

It is expected that these will be procured during the period **January 2025 to August 2026**.

The following goods and non-consultancy services will be procured under the project:

(a)	Sofar Spotter Buoy and Smart Mooring Monitoring Equipment
(b)	Sofar Spotter Buoy and Smart Mooring Monitoring Equipment Installation
(c)	Travel/Airfare (Direct Selection)
(d)	Venue rental and catering services
(e)	Participants’ transportation
(f)	Platform to support model development
(g)	Tapered Element Oscillating Microbalance Instrument
(h)	Drone Payloads
(i)	Design, e-Publication/digital flipbook and printing services
(j)	Data Collection and Publishing



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It is expected that these will be procured during the period *January 2025 to August 2026*.

Consultants, Contractors and Suppliers from member countries of CDB and other countries eligible for procurement under the European Union (EU)-funded programme, which are not CDB member countries, in accordance with the [EU Eligibility Rules](#) will be eligible to participate in these procurement opportunities. Potential bidders and proposers are advised to review the detailed eligibility criteria detailed in Section 4 of the [Procurement Procedures for Projects Financed by CDB \(January, 2021\)](#), as published on CDB's website.

Caribbean Institute for Meteorology and Hydrology (CIMH) is the Executing Agency for the project. Further details of the project can be obtained by contacting Contact 1 below. Submission of proposals, quotations, bids etc MUST be submitted to Contact 2 below.

Contact 1: Cisne Pascal Programme Management Specialist The Caribbean Institute for Meteorology and Hydrology (CIMH) Husbands, St. James, Barbados Tel: 1-246-425-1362/63/67 Fax: (246) 424-4733 E-mail: cpascal@cimh.edu.bb	Contact 2: David A. Farrell, PhD Principal The Caribbean Institute for Meteorology and Hydrology (CIMH) Husbands, St. James, Barbados Tel: 1-246-425-1362/63/67 Fax: (246) 424-4733 E-mail: procurement@cimh.edu.bb
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PROCUREMENT PLAN

<u>I. General</u>			
1. Project Information			
Country: Regional			
Grantee: Caribbean Institute for Meteorology and Hydrology (CIMH)			
Project Name: Strengthening Institutional Capacity for a Resilient Caribbean Coastal and Marine Environment (RCCAME) Project			
Project Implementing Agency (PIA): CIMH			
2. Bank’s Approval Date of the Procurement Plan: August 1, 2025			
3. This Procurement Plan is valid until: August 1, 2024 - September 1, 2026			
<u>II. Goods and Works and Non-Consulting Services</u>			
1. Prior Review Threshold: Procurement decision subject to Prior Review by the Bank as stated in the Procurement Procedures:			
	Selection Method	Prior Review Threshold (USD)	Comments
1.	Limited Bidding (LB)	≥ 12,000	
2.	Direct Selection (DS)	≥ 12,000	
1. Reference to (if any) Project Operational/Procurement Manual: Procurement Policy for Projects Financed by CDB (November, 2019) and Procurement Procedures for Projects Financed by CDB (January, 2021).			
2. Any Other Special Procurement Arrangements: CDB financing is being provided through resources allocated to CDB under the Caribbean Action for Resilience Enhancement (CARE) Programme. As per the requirements of the CARE Contribution Agreement, eligibility shall be extended to countries which are eligible for procurement under EU-Funded projects, which are not CDB member countries, in accordance with the EU Eligibility Rules .			

3. Procurement Packages with Methods and Time Schedule								
Ref No.	Contract (Description)	Estimated Cost (USD)	Selection Method	Prequalification (Yes/No)	Regional Preference (Yes/No)	Review by Bank (Prior/Post)	Expected Bid – Opening Date	Comments
Activity 1. 1.1 An optimal low-cost sustainable buoy network designed and implemented for the near-coastal areas across the region that continuously records and transmits in near-real time wave and swell heights among others to publicly accessible databases and modelling platforms.								
(a)	Sofar Spotter Buoy and Smart Mooring Monitoring Equipment (53)		LB International	No	No	Prior	January 2025	The project finances the expansion of a marine observation platform to enhance existing networks. The Moisture and Aerosol Gradients/Physics of Inversion Evolution (MAGPIE) program, which studies ocean-atmosphere exchanges, completed its first phase in August 2023 by deploying a Sofar Spotter Buoy near Ragged Point, Barbados. Re-deployed in February 2024, CIMH staff are automating data visualization using the buoy's Application Programming Interface. The Sofar Spotter platform provides a low-cost, sustainable, and extensible system for researching ocean- atmosphere interactions, deep ocean circulation, wave dynamics, and marine contaminant transport. Globally, hundreds of Spotter Buoys report ocean parameters, improving marine forecasts. Therefore, LB is proposed to help standardization of marine monitoring in the Caribbean.

(b)	Sofar Spotter Buoy and Smart Mooring Monitoring Equipment installation cost (48)	██████	LB International	No	No	Prior	March 2025	
2-day Installation/Maintenance Workshop								
(a)	Participants' airfare (30)	██████	DS	No	No	Post	March 2025	
(b)	Venue rental and catering	██████	LB National	No	No	Post	March 2025	
(c)	Participants' transportation (30)	██████	LB National	No	No	Post	March 2025	

Activity 1.1.3 Technical capacity built through attachment/visits to marine research institutions to enhance marine model development within the Regional Marine Forecast Support Centre								
Ref No.	Contract (Description)	Estimated Cost (USD)	Selection Method	Prequalification (Yes/No)	Regional Preference (Yes/No)	Review by Bank (Prior/Post)	Expected Bid – Opening Date	Comments
(d)	CIMH Staff airfare (2 trips)	██████	DS	No	No	Post	September 2025	
(e)	Transportation (2 trips)	██████	LB National	No	No	Post	September 2025	
(f)	Platform to support model development	██████	LB International	No	No	Post	September 2025	
Activity 1. 2.1 At least two (2) TEOMs station plus payload procured and installed to support air quality monitoring in areas of concern in at least two countries								
(a)	TEOMs (2)	██████	LB International	No	No	Prior	March 2025	
(b)	Drone Payloads (2)	██████	LB International	No	No	Post	June 2025	
Activity 1.3.1 Regional stakeholder workshop convened to support the development of a regional air quality monitoring strategic framework								
(a)	Airfare (3)	██████	DS	No	No	Post	April 2026	

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(b)	Catering (10 locals)	██████	LB National	No	No	Post	April 2026	
(c)	Transportation (3)	██████	LB National	No	No	Post	April 2026	
Activity 1.3.3 Newly developed strategic framework is published and distributed among relevant stakeholders								
(a)	Design, e-Publication/digital flipbook and printing services	██████	LB International	No	No	Post	September 2026	
Activity 1.4.2 Climate ensemble model developed and piloted re sectoral application								
(a)	Computational Cloud Services + Storage	██████	LB International	No	No	Prior	October 2025	
Activity 1.4.3 Training workshop convened to further advance climate modelling application capacities across NMHSs and research institutions								
(a)	Participants' airfare (15)	██████	DS	No	No	Post	January 2026	
(b)	Catering (25 locals)	██████	LB National	No	No	Post		
(c)	Participants' transportation	██████	LB National	No	No	Post	January 2026	

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Ref No.	Contract (Description)	Estimated Cost (USD)	Selection Method	Prequalification (Yes/No)	Regional Preference (Yes/No)	Review by Bank (Prior/Post)	Expected Bid – Opening Date	Comments
Activity 1.5.2 Demonstration workshop showing the elements of the cascading framework on a selected watershed where precipitation may trigger landslide and flood hazards along with other secondary hazards convened, to illustrate how the cascading system can risk-inform early warning system design and implementation								
(a)	Airfare (2)	█	DS	No	No	Post	March 2026	
(b)	Catering	█	LB National	No	No	Post	March 2026	
Activity 1.6.1 Knowledge transfer workshop/seminar convened to further accelerate the integration of data analytics to address the nexus between science and policy								
(a)	Airfare (70)	█	DS	No	No	Post	February 2026	
(b)	Venue rental and catering	█	LB National	No	No	Post	February 2026	
(c)	Transportation (70)	█	LB National	No	No	Post	February 2026	
Activity 1.6.2 A white paper developed outlining a comprehensive approach and partnership arrangements for integrating data analytics into national and regional policy and decision- making frameworks aimed at enhancing regional resilience to climate change								
(a)	Data Collection and Publishing	█	LB International	No	No	Post	May 2026	
Activity 1.7.2 Caribbean Research for Action Agenda disseminated through various forums								
(a)	Airfare - 2 international and 1 regional conference (2 R4ACCHCP members)	█	DS	No	No	Post	April 2025	

III. Consulting Services		
1. Prior Review Threshold: Procurement decision subject to Prior Review by the Bank as stated in the Procurement Procedures:		
Selection Method	Prior Review Threshold (USD)	Comments
1. Individual Consultant Selection (ICS)	≥12,000	
2. Reference to (if any) Project Operational/Procurement Manual: Procurement Policy for Projects Financed by CDB (2019) and the Procurement Procedures for Projects Financed by CDB (January, 2021)		
3. Any Other Special Procurement Arrangements: Financing shall be provided under the CARE agreement and thus, in accordance with that agreement, eligibility shall be extended to countries which are eligible for procurement under the EU-funded Programme, which are not CDB member countries, in accordance with the EU Eligibility Rules		
4. Procurement Packages with Selection Methods and Time Schedule		

Ref No.	Assignment (Description)	Estimated Cost (USD)	Selection Method	Review Bank (Prior/Post)	Expected Proposal Submission Date	Comment
(a)	Marine Forecaster Services Consultant	██████	ICS	Prior	October 2025	
(b)	Consultancy services for expansion of air quality monitoring and predictions	██████	ICS	Prior	November 2025	
(c)	Air Quality Monitoring and Prediction Internship (3 interns)	██████	ICS	Prior	November 2025	
(d)	Consultancy services for cascading hazard workflow development	██████	ICS	Prior	April 2025	
(e)	Climate modeller services consultant	██████	ICS	Prior	September 2025	

(f)	Publication and dissemination of the Caribbean research for action agenda on climate change and health consultancy	[REDACTED]	DS	Prior	January 2025	Blue Sky Development authored an unabridged version of the CRAA available at Research for action on climate change and health in the Caribbean. They were selected as a sole source contractor by Earth Medic and partners under a previous initiative to facilitate the work because of their experience with development of the Caribbean HIV/AIDS Research Agenda and the Caribbean Health Research Agenda. Additionally, Blue Sky's principal, Dr Caroline
						Allen, had coordinated the preparation of the CARPHA 2017-2018 State of Public Health Report in the Caribbean on Climate Change and Health. The intention is to engage Blue Sky again to develop and publish as a PAHO Technical report a more succinct version of the CRAA. As co-authors of the original source material, Blue Sky will have a unique intellectual command of the material and methods needed to produce this technical report.
(g)	Communication Consultancy	[REDACTED]	ICS	Post	January 2025	

IV. Implementing Agency Procurement Capacity Building Activities with Time Schedule

In this section the agreed Procurement Capacity Building Activities are listed with time schedule

No.	Expected Outcome/ Activity Description	Estimated Cost	Estimated Duration (Days)	Start Date
1.	Project launch workshop (virtual or in-person) with CDB and Implementing Agency to increase the capacity of Implementing Agency to follow CDB's procurement procedures	0	2	Q1 2025
2.	Increased capacity of Implementing Agency to undertake procurement in accordance with CDB's Procurement Procedures through CDB's Online Procurement Training.	0	5	Q1 2025

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ICB	International Competitive Bidding	QBS	Quality Based Selection
NCB	National Competitive Bidding	QCBS	Quality and Cost-Based Selection
DS	Direct Selection	FBS	Fixed Budget Selection
LB	Limited Bidding	LCS	Least Cost Selection
RB	Regional Bidding	CQS	Consultants Qualifications Selection
FA	Force Account	ICS	Individual Consultant Selection
NBF	Non-Bank Financing		