

## PROCUREMENT PLAN

### I. General

#### 1. **Project Information**

Country: Regional

Grantee: Caribbean Institute for Meteorology and Hydrology (CIMH)

Project Name: Strengthening Institutional Capacities for Coastal and Marine Resources Management and Impact-Based Forecasting for Planning, Decision-making and Resilience Building in the Caribbean

Project Implementing Agency (PIA): CIMH

2. **Bank's Approval Date of the Procurement Plan: August 1, 2024**

3. **This Procurement Plan is valid until:** August 1, 2024 - September 1, 2026

### II. Goods and Works and Non-Consulting Services

1. **Prior Review Threshold:** Procurement decision subject to Prior Review by the Bank as stated in the Procurement Procedures:

	<b>Selection Method</b>	<b>Prior Review Threshold (USD)</b>	<b>Comments</b>
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
<b>Activity 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.</b>								
(a)	Sofar Spotter Buoy and Smart Mooring Monitoring Equipment (53)	██████████	LB International	No	No	Prior	November 2024	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	November 2024	
<b>2-day Installation/Maintenance Workshop</b>								
(a)	Participants' airfare (30)	██████████	DS	No	No	Post	April 2025	
(b)	Venue rental and catering	██████████	LB National	No	No	Post	April 2025	
(c)	Participants' transportation (30)	██████████	LB National	No	No	Post	April 2025	
<b>Activity 1.3 Technical capacity built through attachment/visits to marine research institutions to enhance marine model development within the Regional Marine Forecast Support Centre</b>								

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	October 2024	
(e)	Transportation (2 trips)	██████████	LB National	No	No	Post	October 2024	
(f)	Platform to support model development	██████████	LB International	No	No	Post	October 2024	
<b>Activity 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</b>								
(a)	TEOMs (2)	██████████	LB International	No	No	Prior	July 2024	
(b)	Drone Payloads (2)	██████████	LB International	No	No	Post	October 2024	
<b>Activity 3.1 Regional stakeholder workshop convened to support the development of a regional air quality monitoring strategic framework</b>								
(a)	Airfare (3)	██████████	DS	No	No	Post	February 2025	
(b)	Catering (10 locals)	██████████	LB National	No	No	Post	February 2025	
(c)	Transportation (3)	██████████	LB National	No	No	Post	February 2025	
<b>Activity 3.3 Newly developed strategic framework is published and distributed among relevant stakeholders</b>								
(a)	Design, e-Publication/digital flipbook and printing services	██████████	LB International	No	No	Post	May 2025	
<b>Activity 4.2 Climate ensemble model developed and piloted re sectoral application</b>								
(a)	Computational Cloud Services + Storage	██████████	LB International	No	No	Prior	February 2025	
<b>Activity 4.3 Training workshop convened to further advance climate modelling application capacities across NMHSs and research institutions</b>								
(a)	Participants' airfare (15)	██████████	DS	No	No	Post	April 2025	
(b)	Catering (25 locals)	██████████	LB National	No	No	Post	April 2025	
(c)	Participants' transportation	██████████	LB National	No	No	Post	April 2025	

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
<b>Activity 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</b>								
(a)	Airfare (2)	██████	DS	No	No	Post	March 2026	
(b)	Catering	██████	LB National	No	No	Post	March 2026	
<b>Activity 6.1 Knowledge transfer workshop/seminar convened to further accelerate the integration of data analytics to address the nexus between science and policy</b>								
(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	
<b>Activity 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</b>								
(a)	Data Collection and Publishing	██████	LB International	No	No	Post	May 2026	
<b>Activity 7.2 Caribbean Research for Action Agenda disseminated through various forums</b>								
(a)	Airfare - 2 international and 1 regional conference (2 R4ACCHCP members)	██████	DS	No	No	Post	August 2024	

### 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	November 2024	
(b)	Consultancy services for expansion of air quality monitoring and predictions	██████████	ICS	Prior	November 2024	
(c)	Air Quality Monitoring and Prediction Internship (3 interns)	██████████	ICS	Prior	July 2024	
(d)	Consultancy services for cascading hazard workflow development	██████████	ICS	Prior	April 2025	
(e)	Climate modeller services consultant	██████████	ICS	Prior	February 2025	
(f)	Publication and dissemination of the Caribbean research for action agenda on climate change and health consultancy	██████████	DS	Prior		Blue Sky Development authored an unabridged version of the CRAA available at <a href="#">Research for action on climate change and health in the Caribbean</a> . 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 Internship	██████████	ICS	Post	September 2024	

**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	Comments
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	Q3 2024	
2.	Increased capacity of Implementing Agency to undertake procurement in accordance with CDB's Procurement Procedures through CDB's Online Procurement Training.	0	5	Q3 2024	

This information is withheld in accordance with one or more of the exceptions to disclosure under the Bank's Information Disclosure Policy.