# CARIBBEAN INSTITUTE FOR METEOROLOGY AND HYDROLOGY (CIMH)

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

**PROCUREMENT PLAN**

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

**PROCUREMENT PLAN**

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| **I. General** | | | |
| **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 | | | |
| **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:** | | | |
|  | **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:**](https://www.caribank.org/sites/default/files/2023-02/EU%20Eligibility%20Rules%20CARE%20Programme_Jan%202023.pdf) 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.](https://www.caribank.org/sites/default/files/2023-02/EU%20Eligibility%20Rules%20CARE%20Programme_Jan%202023.pdf) | | | |

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| **3. Procurement Packages with Methods and Time Schedule** | | | | | | | | |
| **Ref No.** | **Contract (Description)** |  | **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 |  |

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| **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)** |  | **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 countri**es | | | | | | | | |
| (a) | TEOMs (2) |  | DS | 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 |  |
| (b) | Catering (10 locals) |  | LB National | No | No | Post | April  2026 |  |
| (c) | Transportation (3) |  | LB National | No | No | Post | April  2026 |  |
|  | | | | | | | | |
| (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)** |  | **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 |  |

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| **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** | | |

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| **Ref No.** | | **Assignment (Description)** |  | **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 |  | 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](https://nam12.safelinks.protection.outlook.com/?url=https%3A%2F%2Fearthmedic.com%2Fresearch-for-action-on-climate-change-and-health-in-the-caribbean%2F&data=05%7C02%7Cyves.personna%40caribank.org%7Cfa00a6b3d0fd47ef752908dc7b2f9dac%7Cbe4f7c42e56540e6b81cfdf01afc920c%7C1%7C0%7C638520691800857219%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C0%7C%7C%7C&sdata=M5gAUSyLWWwhS8JEmTzryum%2FB3N%2BDcEYDanm8aLPCOA%3D&reserved=0) 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** |  | **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  NCB  DS  LB  RB  FA  NBF | International Competitive Bidding  National Competitive Bidding  Direct Selection  Limited Bidding  Regional Bidding  Force Account  Non-Bank Financing | QBS  QCBS  FBS  LCS  CQS  ICS | Quality Based Selection  Quality and Cost-Based Selection  Fixed Budget Selection  Least Cost Selection  Consultants Qualifications Selection  Individual Consultant Selection |