



Bid Title: Consultancy to Assess and Quantify the relationship between Excess Heat and Human Health Outcomes in the Caribbean using Heat Related Indices

Request for Proposal - RFP-CLIMSA- *CLIMSA-RFP13-2.5.1a*

June 18th, 2025

The Caribbean Institute for Meteorology and Hydrology (CIMH) through the Intra-ACP Climate Services and Related Applications Caribbean Programme has committed funds to undertake the Short-term consultancy on ClimSA Monitoring and Evaluation Activities.

We invite electronic bids from eligible and qualified bidders for the provision of a Consultancy for Gridded Data Objective and Scope for the Caribbean.

Eligibility of Bid Submission

This invitation for bids is open to all proponents who fulfil the eligibility Criteria as well as the qualification criteria incorporated in this document.

Bid Documents

Tender Documents will be available to interested firms between June 18, 2025, **3:00PM UTC-04:00 Georgetown** and July 4, 2025, **3:00PM UTC-04:00 Georgetown**. Tender Documents will be emailed at the Bidder's request or downloaded from www.cimh.edu.bb

All inquiries for information regarding this solicitation should be directed to: (Dwight Walker, Procurement Specialist), e-mail: dwalker@cimh.edu.bb

Bidders shall promptly examine the entire Request for Proposal (RFP) documents after receipt and report to the person named above, any errors, omissions or ambiguities discovered therein, as soon as possible, and at least seven (7) days prior to the Closing Date. If necessary, and if time permits, Addenda may be issued to all Bidders before the Closing Date. Unless confirmed by Addendum, Bidders shall not take into consideration any instructions or answers modifying the Request for Proposal.

Deadline for Submission of Bids

Emailed Proposals will be received until July 4, 2025, up to and including **3:00PM UTC-04:00 Georgetown**. Failure to submit proposals to the correct location by the designated date and hour will result in disqualification.

Electronic bidding is permitted. Each submission should bear the name and address of the firm, addressed to the Procurement Specialist, Caribbean Institute for Meteorology and Hydrology and be clearly identified as: "Consultancy for Gridded Data Objective and Scope" and submitted to procurement@cimh.edu.bb.

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1. Introduction

1.1 Purpose

The intent and purpose of this Request for Proposal (RFP) is to establish a contract through competitive negotiation for the provision of consultancy for assess and quantify the relationship between excess heat and human health outcomes in the Caribbean using heat related indices

The contract for providing consultancy for assessing and quantifying the relationship between excess heat and human health outcomes in the Caribbean using heat related indices shall be for a period of ten (10) months and is expected to commence in May 2025. CIMH reserves the right to terminate the contract, not unreasonably or without vexation, within the contract period by written notification to the successful bidder.

1.2 Company Overview

The Caribbean Institute for Meteorology and Hydrology (CIMH) is a training and research organization formed by the amalgamation of the Caribbean Meteorological Institute (CMI) and Caribbean Operational Hydrological Institute (COHI). The Caribbean Meteorological Institute was established in 1967 by the member states of the Caribbean Meteorological Organization (CMO) while the Caribbean Operational Hydrological Institute (COHI) was established in 1982. Even though the two Institutes were amalgamated since the mid 1980's, the organization continued to be known as the Caribbean Meteorological Institute up until September 1999 when the name was officially changed to reflect the dual role of the Institute. Responsibility for the operation of the Institute rests with the sixteen Commonwealth Governments which comprise the CMO.

The role and mission of the CIMH is to improve the meteorological and hydrological services and to assist in promoting the awareness of the benefits of these services for the economic well-being of the CMO countries. This is achieved through training, research and investigations, and the provision of specialized services and advice.

The primary functions of the Institute are to:

- Provide facilities for the training of various categories of meteorological and hydrological personnel
- Operate as a centre of research in meteorology and hydrology and associated sciences
- Operate as contractors and consultants on various meteorological and hydrological projects
- Maintain a service for the upkeep, repair, and calibration of meteorological instruments
- Provide advice to participating governments on meteorological and hydrological matters
- Collect, analyze, and publish meteorological and hydrological data

2. Bidder Instructions

2.1 General Guidance

This RFP is not an offer to contract. Acceptance of a proposal neither commits CIMH to award a contract to any provider if all requirements stated in this RFP are met, nor limits CIMH's right to negotiate in its best interest. CIMH reserves the right to contract with any provider (or as many providers) as it sees fit. CIMH is not obligated to accept the lowest or any bid and reserves the right to terminate the bid process at any point before the award of a contract without incurring any liability to any of the bidders.

Failure to respond appropriately to any question in this RFP may subject the proposal to disqualification; however, the same is not necessarily true in the event of a failure to meet a qualification or requirement.

All Bidders representation to CIMH whether verbal or written must be factual and will be relied upon by the CIMH in its evaluation to potential providers. CIMH's reliance on the Bidder's represented expertise in this type of transaction shall be incorporated in any and all formal agreements between the parties.

The Proposal returned by the Bidder should represent a complete and comprehensive document able to stand on its own in responding to the needs of CIMH, notwithstanding the fact that some information may have been conveyed during exploratory consultations.

2.2 Period of Validity & Timeline

Bids should be valid for at least **90** days following the date of submission as specified below, and this should be stated in the Terms and Conditions section of the response.

Activity	Target Completion Dates
Release of RFP	June 18, 2025
Proposals Due	July 4, 2025
Bid Opening	July 9, 2025
Contract Negotiations	July 18, 2025
Contract Execution	July 23, 2025
Service Implementation	July 25, 2025

2.3 Confidentiality / Non-Disclosure

All non-public information of CIMH, in any format, whether of a technical, business or other nature, including, without limitation, any information relating to its operations, plans, know-how, trade secrets, business affairs, customers or suppliers, any information provided by CIMH that has been identified as being proprietary and/or confidential or that by the surrounding circumstances ought to be treated as confidential or any specifications,

engineering and other data, software drawings, sketches, blueprints and other documents provided by CIMH (or by any third party at the request of CIMH) to the bidder for the purposes of this RFP shall remain confidential and the bidder shall not use or copy them for any purpose other than the fulfillment of this RFP.

The successful bidder will be required to sign a confidentiality agreement instructing its employees to keep confidential the information concerning the business, its financial affairs, its relations with employees, and creditors, as well as any other information which may or may not be specifically classified as confidential.

The obligations set out in the confidentiality agreement shall survive the expiration or termination of the contract.

2.4 **Licensing and Permits**

Prior to being awarded the Contract, the successful bidder will be required, upon request by CIMH, to furnish evidence of proper licensing and permits for all equipment and personnel to be operated or employed within its premises for the performance of the Work. Where the successful bidder fails to furnish such evidence to the satisfaction of the CIMH within three (3) days of being requested to furnish it, CIMH reserves the right to consider this a factor in its decision to award the Contract.

2.5 **Language and Currency of Offer**

The proposal submitted by the bidder and all correspondence and documents relating to the RFP and proposal shall be written in English. Supporting documents and printed literature may be in another language provided that they are accompanied by an accurate translation of the relevant passages in English. Costs presented in the proposal should be quoted in **Euro**.

2.6 **Environment**

CIMH is committed to minimizing the impact of its activities on the environment and therefore encourages you to take an active role in implementing environmentally sound business practices and producing goods and services that lessen the burden on the environment in their production, use and final disposition.

2.7 **Safety**

The successful bidder will be required to conform to CIMH's safety rules. The site/works will be subjected to safety inspections by CIMH's Safety Manager, and the successful bidder is required to comply with his/her recommendations.

The successful bidder is also required to ensure his/her employees are equipped with the necessary safety equipment, such as hard hats, gloves, hearing protection, clothing, safety footwear etc as is required by CIMH and to ensure that this equipment are used where necessary and /or where dictated by the Safety Manager.

2.8 One Bid per Bidder and Alternative Proposal by Bidders

Each Bidder shall submit only one Bid, either individually or as a partner in joint venture. Any Bidder who submits or participates in more than one Bid will result in all the proposals with the Bidder's participation to be disqualified.

Unless otherwise indicated in this bid document, alternate Bids will not be considered.

2.9 Proposal Preparation

- ✓ Soft copies should be prepared using the following applications:
 - Microsoft Word
 - Microsoft Excel
- ✓ The pages must be numbered consecutively, and the subject heading identified in a table of contents.
- ✓ Supporting attachments may be provided in PDF format, where appropriate.

Bidder responses should use the following format:

Section Letter	Section Title	Contents and Deliverables
A.	Table of Contents	(Self-explanatory)
B.	Executive Summary	Top-level summary of the most important aspects of the proposal, containing a concise description of the proposed solution(s).
C.	Corporate Profile & Background	Your corporate profile including the items highlighted in section 6 of this document.
D.	Description of Proposed Solution(s) Pricing:	Refer to the requirements in section 3.3. of this document.
E.	Details on Training	Please provide responses for questions in sections: 3.4 Training
F.	Description of contracts and agreements associated with the proposal	Refer to section 4 of this document.
G.	Corporate References	Refer to section 6 of this document.
H.	Description of the implementation approach recommended for the proposed solution.	Refer to section 7 of this document.

2.10 **Proposal Submission and RFP Closing**

- 2.10.1 Your response to this document is required no later than the date provided under the **Deadline for Submission of Bids** on page 1 of this document.
- 2.10.2 Your proposal or any part thereof, once submitted prior to the deadline, becomes the property of CIMH and will not be returned for any reason to the Bidder.
- 2.10.3 The RFP and the Proposal submitted shall form an addendum to the contract.

2.11 **Intention to Bid**

A provider must notify CIMH of its intention to bid or not to bid by the date specified under 2.2 “**Validity and Timelines**” of this document. Notification should be by e-mail to CIMH contact as above and should include the name, address, e-mail address and telephone numbers of the provider contact.

Any provider who elects not to bid must destroy this RFP and certify to CIMH that this has taken place.

2.12 **Modifications to RFP**

At any time prior to the deadline for submission of proposals, CIMH, for any reason whether on its own initiative or in response to a clarification requested by a bidder, may modify the RFP. Any amendment will be distributed to all bidders who have been selected to respond to the RFP.

To afford bidders reasonable time in which to take the amendment into account when preparing their bids, CIMH may, at its own discretion, extend the deadline for the submission of proposals.

2.13 **Bidder Question Submission**

If a Bidder needs clarification on any aspect of this RFP, questions must be submitted in writing to CIMH contact listed. Such correspondence may be sent to CIMH via e-mail. Responses to all questions from any Bidder(s) will be provided to all Bidders simultaneously.

2.14 **Late Proposal**

Bidders must allow sufficient delivery time to ensure receipt of their proposal by the time specified.

Proposals received after the time specified will not be considered. CIMH wishes to advise respondents that there will be no right of recourse or appeal after a final decision has been made.

2.15 **Cost Incurred to Develop Proposal**

CIMH is not liable for any costs incurred by bidders prior to issuance of a contract or purchase order. CIMH will not be responsible for any expenses, including but not limited to travel, lodging or other out-of-pocket expenses of any provider prior to the execution of a written agreement for services in a form acceptable to CIMH.

2.16 Evaluation Process

The proposal will be evaluated for responsiveness to the RFP. In evaluating the technical proposals, CIMH will consider any deviations to the RFP including the contractual provisions stipulated in the Contract Clauses identified by the bidder. Any deviation, which in the sole opinion of CIMH renders a bid substantially non-responsive, may result in the bidder's proposal being rejected.

2.16.1 The following criteria will be used to determine the successful Bidder:

Category	Technical Evaluation Criteria Components	Weighting
1	Level of education of consulting team	15
2	Experience of the consultancy team in mathematical/statistical/spatio-temporal modelling	20
3	Track record with regards to modelling heat-health relationships and/or modelling forecast outbreaks of climate-sensitive diseases	25
4	Experience working on similar topics in the Caribbean	10
	Total	70

2.17 Rejection of Proposal

CIMH retains the right to reject any or all proposals without providing any reason. Any restrictions on the use of data contained within the proposal must be clearly stated in the proposal itself. All materials submitted regarding this RFP become the property of the CIMH and will not be returned to the bidder.

CIMH reserves the right to enter into discussions and/or negotiations with one or more qualified providers at the same time, if such an action is in the best interest of CIMH.

All Bidders will be formally advised of the final decision when it is made. However, if it becomes apparent during the proposal evaluation that the solution offered is not considered suitable, then the respective bidder will be advised at that time.

2.18 Acceptance of Proposal

The contents of the proposal of the successful bidder will become part of the bidder's contractual obligation if acquisition action ensues.

Failure of the successful bidder to accept this obligation in a purchase agreement, purchase order, contract or similar acquisition instrument may result in the cancellation of the award and such bidder may be removed from future solicitations. A submitted proposal in CIMH's possession may be altered provided that the modification is received prior to the submission deadline. The bidder's authorized representative must sign the modification.

CIMH reserves the right to waive formalities and ignore minor irregularities in the proposals received, and to accept any portion or all item proposed, if deemed in the best interest of CIMH.

2.19 Bidder Demonstrations

After the proposals are received, Bidders who are top contenders for the final selection may be invited to demonstrate the functionality that they have indicated they can provide. Proposals from bidders who are unable to demonstrate solution functionality that their proposals indicated as being included in their package may be rejected

2.20 Best and Final Offer

CIMH reserves the right to request or propose the best and final offer.

2.21 Formalizing the Contract

Within 5 business days of receipt of the notification of award from CIMH, the successful bidder shall sign and return the Forms of Contract to CIMH. After the bidder furnishes the executed Forms of Contract together with a performance security if required, CIMH will notify the other bidders that their bids have not been successful.

2.22 Order of Precedence

The RFP and the Proposal shall form part of the contract. In the case of conflicts, discrepancies, errors or omissions among the RFP, the Proposal, and the main body of the contract, the documents, and amendments to them shall take precedence and govern in the following order:

1. Main body of the contract and schedules thereto.
2. RFP (including the 'Detailed Requirements'); and
3. Proposal

3. Scope and Essentials of the Proposal

3.1 Solution Overview

3.1.1 General Scope

Objectives:

The scope of work and expected deliverables will be the following:

Substantial progress has been made in developing globally standardised indices for assessing climate extremes and trends under the leadership of the WMO Commission for Climatology (CCI). The CCI established an Expert Team on Sector-Specific Climate Indices (ET-SCI), which is working to identify and evaluate sector-specific climate indices to define climate risks in ways relevant to specific user groups.

As part of the ClimSA Project target to define regional thematic products for Climate Services supported by the project, Activity 2.5.1 specifically speaks to the development of sector specific climate indices. As such, the ClimSA project will be funding a consultancy

relating to the health sector which will recommend indices for characterizing human heat stress. The main objective of the consultancy will be to assess and quantify the relationship between excess heat and human health outcomes in the Caribbean using heat-related indices, with primary focus on Dominica. The work completed under the consultancy will also be shared regionally through regional training and further shared with ClimSA global partners.

Scope/Activities

The following activities to be implemented by the consultant in collaboration with CIMH are envisaged to support the achievement of the objectives:

- i. Convening meetings with the relevant national agencies in Dominica and regional and international agencies including, CIMH, CARPHA, PAHO/WHO to identify challenges (including data availability for and access to both climate and heat-health outcomes);
- ii. The analysis of temporal relationships between heat indices and heat-health outcomes at the national level;
- iii. A workshop to build national capacity in Dominica on heat-health early warning services;
- iv. A workshop to build regional capacity on heat-health early warning through lessons learnt and key results from the Dominica experience;

3.2 Specific Proposal Requirements

3.2.1 Authorization

The proposal should be submitted with a cover letter signed by an authorised representative of the Bidder. It should name the person(s) authorised to negotiate on the supplier's behalf and state their designations.

3.2.2 Clarity and Relevance

CIMH requires specific responses to the details sought by all sections of this RFP formatted as presented herein for uniformity of assessment. Any format supplied by the Bidder must address the requirements specifically, clearly, and completely for the convenience of CIMH's assessors. Responses of a general nature that are subject to interpretation will not be in the Bidder's interest.

3.2.3 Delivery Time Frame

The proposal should indicate important time frames such as the projected period between CIMH's order and delivery of the required product or service. In this regard a breakdown of the estimated times for delivery as is, should be stated. Additionally, estimated times for various aspects of required customization (*i.e.*, basic for commencement or extensive) if required, should be given.

3.3 **Costs**

3.3.1 **Production Costs**

The cost of the proposal should align directly with Section 3 of the TOR – Deliverables. All aspects of the proposal should be included in the financial submission including all costs associated with travel and materials needed.

3.3.2 **Other Cost Requirements**

The proposal must contain a summary of costs with the unit of pricing stated clearly.

The Bidder should list and price the various components clearly indicating the essential as well as optional add-ons.

The payment schedule should be clearly stated.

3.4 **Training**

3.4.1 Build national and regional capacity on heat-health early warning through lessons learnt and key results from the consultancy.

4. **Contracts and Agreement**

4.1 **Contracts and Agreements**

CIMH will issue a Purchase Order to the successful proponent for the scope of services detailed in the request for proposal.

CIMH may issue a Formal Agreement as per Appendix B to the successful proponent for the scope of services detailed in the request for proposal.

5. **Bidder Background Details**

5.1 **Vendor/Company Profile**

Bidders are requested to provide detailed information on the submitted CV(s)

5.2 **Qualifications of the Bidder to execute the work:**

5.2.1 **Major projects handled**

Bidder Resource Qualification and Experience:

5.2.2 **Outline the proposed project resource(s) including proposed role and level of expertise**

5.2.3 **Proposed work schedule and methodology for completing the activities**

6. Corporate References

Provide references for other companies in this industry and of similar size of CIMH that you have provided similar services. Contact information should also be provided with the list of references.

The following information at a minimum should be provided:

6.1 Company Contact information

- The reference company's name
- The reference company's address
- The reference company's telephone number
- The name and title of a person who may be contacted at the reference company

6.2 References

Please provide contact names and numbers of at least two (3) references, who would be willing to receive a telephone call and/or visit from CIMH. We are interested in your clients who you have worked with on similar activities within the last 3 years.

CIMH reserves the right to contact these references without prior notification to the Bidder. CIMH also reserves the right to contact any previous or current user of the Bidder's products or services.

6.3 Bidder Services & Customer Support

It is expected that, at a minimum, the following Bidder services should be provided:

1. Planning
2. Outline of proposed work schedule

7. Implementation

7.1 Implementation Project Schedule

The duration of the consultancy is ten (10) months with an expected start date in May 2025. Estimated duration to complete:

No.	Deliverable	Timeline
1.	Inception Report outlining approach and methods	1 month
2.	A report on national virtual and in-person meetings with national (Dominica) and regional agencies in the health and related sectors	3 months
3.	A report on relationships between heat indices and heat-health outcomes for Caribbean countries, with primary focus on Dominica	7 months
4.	A national capacity building workshop on heat-health early warning services for Dominica (this should be accompanied by a summary report on the workshop)	8 months
5.	A regional workshop on lessons learnt and key results (including a report on the workshop)	9 months

6.	A final consultancy report	10 months
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7.2 **Project Schedule Amendment**

CIMH reserves the right to amend and finalize time schedules in the best interest of the CIMH. The finalized project plan will form a part of the final contractual agreement.

7.3 **Implementation Planning Team**

Under the supervision of the Programme Manager and the Principal, the Bidder is expected to execute the scope of works as outlined in Section 3.1.1

8. Appendices

Appendix A – Proposal Submission Form

Appendix B – Sample Agreement

Appendix C – Reference Form

Appendix D – Terms of Reference (TOR)