

BA-T1095

An Ambitious Climate Change Agenda for Barbados

Component 1 Product 1

Terms of Reference (PEC)

1. **Background of this search:** The Climate Change Division is looking for a climate finance professional with GCF/GEF background experience for successful approval of project investment structuring under climate finance Funds.
2. **The team's mission:** The Climate Change and Sustainable Development Sector (CSD) advises Management on said topics and develops overall Bank policies, strategies, operational guidelines, and programs in these areas. Conducted relevant sector research, analytical work, best sector practices, and case studies on climate change and sustainability. The Climate Change Division (CCS) provides support to the operations of the IDB group in renewable energy and energy efficiency, biofuels, climate change mitigation and adaptation in the IDB beneficiary countries.
3. **Objectives**
 - 3.1. Development of low carbon and resilient portfolio.
4. **Scope of Services**
 - 4.1. Review NDC aligned project portfolio, prioritize 3-5 investments.
 - 4.2. Develop project preparation documents (ex. GCF) for the 3-5 investments prioritized by the Government to be ready for submission.
 - 4.3. Review the documents based on the IDB and GoBs comments.
5. **Expected Outcome and Deliverables**
 - 5.1. Develop Work Plan and Review Portfolio aligned to Barbados' NDC.
 - 5.2. Submit Draft for 3-5 Investments.
 - 5.3. Submit Final proposal for 3-5 Investments.
6. **Acceptance Criteria**
 - 6.1. The consultant will submit all deliverables in Word Documents and a final PPT for an overview of the portfolio.
7. **Supervision and Reporting**
 - 7.1. The consultant will be reporting to the TL and the Government of Barbados.
8. **Schedule of Payments**
 - 8.1. Payment terms will be based on project milestones, deliverables. The IDB does not expect to make advance payments, under consulting contracts unless, a significant amount of travel is required.
 - 8.2. The IDB wishes to receive the most competitive cost proposal, for the services described herein. The IDB Official Exchange Rate indicated in the RFP, will be applied for necessary conversions to local currency payments.

PAYMENT SCHEDULE	
Deliverables	Percentage

1. Workplan	20%
2. Draft of Investments	30%
3. Final Investment Documents	30%
4. PowerPoint	20%
TOTAL	100%

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Component 2 Product 1

1. Background and Justification

- 1.1. Established in 1959, the Inter-American Development Bank (IDB) is the main source of multilateral financing for economic, social, and institutional development in Latin America and The Caribbean (LAC). It provides loans, grants, guarantees, policy advice, technical assistance to the public and private sectors of its borrowing member countries.
- 1.2. The IDB's Climate Change & Sustainability Division (CSD/CCS) demand for support in private, public-sector projects has grown steadily in recent years, particularly related to the operational, investment needs of the IDB Group (IDB, IDB Lab, IDB Invest) on mitigation and adaptation projects.
- 1.3. The objective of this TC is supporting climate governance in the Government of Barbados (GoB) to: (i) strengthen capacities for a low carbon and resilient portfolio, including climate finance opportunities; (ii) develop mapping and monitoring capacities for the Nationally Determined Contribution (NDC) follow up and dissemination of results; and (iii) support the GoB in their international advisory role as part of the climate change and biodiversity agenda.
- 1.4. Translating NDCs into action requires many ingredients, nonetheless over recent years the IDB has gained experience on the matter and would recommend two key approaches: (i) developing a strong portfolio of low carbon and resilient investments; and (ii) the consolidation of efforts as part of the Enhances Transparency Framework under the Paris Agreement at the national level so as to monitor the impact of climate change actions and furthermore asses plan for a net zero strategy, assess the financial resources needed and coordinate all stakeholders for a holistic approach.
- 1.5. As a Non-Annex I Party to the UNFCCC, Barbados actively participates in its discussions, and is highly committed to the international negotiations process. Like many other SIDS, Barbados is not a major emitter of greenhouse gas emissions. In 2010, Barbados' emissions contributed an estimated 1,930 gigagrams (Gg) of CO₂ equivalent (CO₂e), which represent significantly less than 0.01% of global emissions of greenhouse gases. In addition to this, international shipping and international aviation emissions were estimated to be 103 and 410 Gg CO₂e respectively. In the 2021 NDC Updated, it is noted that total absolute emissions in the base year (2008) have been restated at 2,123Gg CO₂e, in comparison to 2015 NDC inventory emissions at 1,816Gg CO₂e.
- 1.6. In its 2015 NDC's, Barbados stated the intention to achieve an economy-wide reduction in GHG emissions of 44% compared to its business as usual (BAU) scenario by 2030. In absolute terms, this translates to a reduction of 23% compared with the baseline year, 2008. As an interim target, the intention will be to achieve an economy-wide reduction of 37% compared to its business as usual (BAU) scenario by 2025, equivalent to an absolute reduction of 21% compared to 2008. In Barbados' updated NDC, Barbados set the aspirational goal to achieve a fossil fuel-free economy and to reduce GHG emissions across all sectors to as close to zero as possible by 2030. This is supported by the recently approved

Barbados National Energy Policy (2019-2030).

- 1.7. The Paris Agreement was a paradigm shift in the global climate change negotiations and policy. Article 13 of the Paris Agreement provides for an enhanced transparency framework. Article 13.1 of the Paris agreement states, “In order to build mutual trust and confidence and to promote effective implementation, an enhanced transparency framework for action and support, with built-in flexibility which takes into account Parties’ different capacities...”. Currently, Barbados does not have the arrangements in place to meet the requirements of the enhanced transparency framework under Article 13 of the Paris Agreement. Fundamentally, Barbados lacks the capacity and resources to comply with the Paris Agreement. There is no established MRV system that allows Barbados to effectively and comprehensively report mitigation and adaptation actions, policies, and to monitor the financial resources that have been received and allocated to address climate change. The main objective of this project is to strengthen Jamaica’s transparency framework through the design and implementation of a fully functional and harmonized domestic Monitoring, Reporting and Verification (MRV) system for the effective implementation of the country’s NDC and other transparency-related activities.

2. Objectives

The objective of this consultancy is to develop a set of specific indicators based on Barbados’ NDC and create a digital platform to centralize the information on a transparent way.

3. Scope of Services and Key Activities

The consulting firm will prepare a detailed comprehensive assessment of the gaps and needs of various governments institutions, as it relates to transparency activities. In addition, there will be a review of the on the going initiatives at the national, sub-national and sectoral levels to support transparency-related activities, and how the ongoing process could be improved.

4. Key Activities

Key Activities will include:

- i. A review of the national communications and biennial update report processes, and identification of opportunities to improve these processes.
- ii. Identification of on-going sectoral initiatives at the national and local levels, including initiatives by other donors.
- iii. Based on this work, present a set of indicators, (general, and sectoral) to track the advancement of the NDC targets
- iv. Develop a digital platform to be used by the Prime Minister’s office in coordination with MENB and MIST and include indicators so as to show the public on how the NDC is now operational and being translated into concrete action.

5. Expected Outcomes and Deliverables

The expected deliverables will be a completed report on the review of the national communications and biennial update report processes and identification of possible improvements to the process. A detailed analysis on ongoing transparency initiatives and measures to improve transparency activities. A report on the necessary measures and activities which are required in government departments to improve transparency activities.

The specific deliverables include:

- i. Detailed Work Plan and timeline
- ii. Based on the national communication, GHG inventory, NDC and national sectoral strategies, the firm will submit a proposal of indicators SMART that will allow to track the advancement of the GoB under their NDC
- iii. The firm will develop a digital platform that will centralize all the information to track and monitor the indicators chosen, as well as showcase to the public to generate awareness.

6. Project Schedule and Milestones

Deliverable	Date	Description
Product 1	1.5 months after signing contract	<u>See 5.1</u>
Product 2	2.5 months after signing contract	<u>See 5.2</u>
Product 3	4 months after signing contract	<u>See 5.3</u>

7. Reporting Requirements

- 7.1. The consulting firm will submit their deliverables according to the schedule established in section 6 of this Terms of Reference. Every report will be submitted to the Bank in an electronic file, Word, and adequate formats. The reports should include cover, main document, and all annexes. Deliverables should be submitted to the project team leader Jennifer Doherty-Bigara.

8. Acceptance Criteria

- 8.1. The acceptance of deliverables must be given by the IDB when all comments received during the revision process are included in the submitted reports. Upon approval the IDB will disburse payments

9. Other Requirements

- 9.1. **Data Protection:** the platform must comply with data protection regulations, such as the General Data Protection Regulations, and any other regulations applicable.
- 9.2. **Quality:** the platform should be implemented complying with at least the following characteristics:

- 9.2.1. *Scalability*: Non-functional components that provide the ability to grow in relation to processing and integration with other technological components that require the sending and receiving of information.
- 9.2.2. *Availability*: The system must guarantee an environment that allows operation in high computer availability.
- 9.2.3. *Adaptability*: Of its components to the management of agnosticism and the decoupling of the applications that consume them, based on the management of general protocols and that has or can efficiently implement particular functionalities.
- 9.2.4. *Security*: That it is provided from the capacity of protection and traceability of the transactions generated within the platform and of the information that is managed with consumer components, in order to establish transactional encapsulation, traceability, data protection, and cyber-security.
- 9.2.5. *Interoperability*: By providing elements that allow the exchange of information through standardized protocols both in its generation and in its consumption, allowing this exchange between multiple interconnected systems.
- 9.2.6. *Usability*: During the design of the platform, usability heuristics and known design patterns must be used that allow the user to quickly learn how the platform is used and reduce the cognitive load and, therefore, friction.

10. Supervision and Reporting

- 10.1. In representation of the IDB, the technical coordination and leadership for this consultancy rests with IDB's staff member Jennifer Doherty-Bigara in coordination with the Government of Barbados.

11. Schedule of Payments

- 11.1. Payment terms will be based on project milestones or deliverables. The Bank does not expect to make advance payments under consulting contracts unless a significant amount of travel is required. The Bank wishes to receive the most competitive cost proposal for the services described herein.
- 11.2. The IDB Official Exchange Rate indicated in the RFP will be applied for necessary conversions of local currency payments.

Payment Schedule	
<i>Deliverable</i>	<i>%</i>
Work Plan	20%
Smart Indicators	30%
The deployed, functional, and documented digital platform	50%
TOTAL	100%

12. Qualifications and Experience

The consulting firm should include, but not be limited with profiles such as:

Climate change Transparency Specialist

- Hold an advanced degree in Environmental Sciences, Engineering, Climate Science, Economics, or any field related to Environmental Management.
- At least 10 years' experience with an in depth understanding on climate change, UNFCCC, and transparency related activities.
- Lead the development of guidelines, manuals, and other programmatic tools to assist countries in preparing their NCs and BTRs, taking into account lessons from BURs.
- Provide technical assistance to country teams in the field on national MRV systems (design, implementation, and review), in response to country needs.
- Identify and capture capacity building and technical backstopping support needs based on Barbados' Transparency and Reporting requirements.
- Good written and verbal communication skills in English.

Climate change and Gender Specialist

- Hold an advanced degree in Social Studies, Climate Science, Economics or any field related to Environmental Management and social sciences.
- At least 5 years' experience with an in depth understanding on climate change, UNFCCC, and transparency related activities.
- A good understanding of the climate change, gender, and sustainable development agenda issues in Barbados.
- Strong interpersonal skills with ability to establish and maintain effective work relationships with people of different social and cultural backgrounds.
- Strong track record with producing high quality research and strong quantitative skills in economic analysis, sociology, or simulation/ scenario modeling.
- Proven knowledge of communication tools, excellent writing skills.
- Excellent coordination and collaboration skills, with ability to work under time pressure and handle multiple activities and projects concurrently.
- Ability to work independently and to participate effectively in a team-based information sharing.

Data Visualization and platform Creation Specialist

- Hold an advanced degree in Technology and Digital studies along with a specialization in Climate Science, Governance or any field related to Environmental Management.
- At least 5 years of work experience in climate mitigation and /or adaptation; with a focus on transparency and MRV systems.
- Knowledge on development of guidelines, manuals, and other programmatic tools to assist countries in preparing their NCs and BTRs, taking into account lessons from BURs; as well as on national MRV systems (design, implementation, and review).
- Good understanding of the local context and well-established networks in the country, specially within the M&E systems and governance platforms for data collection and reporting.