REQUEST FOR EXPRESSIONS OF INTEREST

CONSULTING SERVICES

BANK-EXECUTED OPERATIONS

FULL COMPETITIVE SELECTION PROCESS

PROJECT NAME: Development of an Energy Transformation Implementation Plan for the Jamaica Water Sector
SELECTION PROCESS #: B260352
SELECTION METHOD: Full Competitive
COUNTRY: Jamaica
SECTOR OR DEPARTMENT: INE/WSA
TC NAME: RG-T4220 Fostering the development of sustainable and resilient infrastructure in the Caribbean region
FUNDING – TC #: ATN/OC-21688-RG
LINK TO TC DOCUMENT: **HTTPS://WWW.IADB.ORG/EN/PROJECT/RG-T4220**

Attention Consulting Firms: Important Update Regarding BEO Bidder Portal Registration

All consulting firms, both new and previously registered in the BEO Portal, **must add their Business Partner Number (BP Number)** to their organization's profiles to participate or continue participating in a BEO procurement process.

Please refer to the FAQs in the Portal for more details on **"How to Find or Obtain Your BP Number"**.

Avoid delays by not waiting until the last moment to complete this update. This process may take up to **48 hours** to complete and could prevent your organization from participating in a BEO Process.

For further questions or assistance, use the live chat on the BEO Bidder Portal page or email us at ocs.procurement@iadb.org

The Inter-American Development Bank (the Bank) was established in December of 1959 to help accelerate economic and social development in Latin America and the Caribbean. Today, the Bank is a major catalyst in mobilizing resources for the region (For more information about the Bank, please refer to the Bank's website at www.iadb.org.)

Section 1. Purpose of this Request for Expression of Interest

1.1 The Bank is executing the above-mentioned project. The Bank intends to contract consulting services described in this Request for Expressions of Interest (REOI). The purpose of this REOI is to obtain sufficient information to enable the Bank to evaluate if the eligible consulting firms (CF) have the experience and qualifications relevant to provide the consulting services requested by the Bank.

1.2 As defined in the Corporate *Procurement Policy* (GN-2303-33), participating CF must be from a Bank's Member Country[1] or Territory[2] to be eligible to submit an Expression of Interest (EOI). The Bank will conduct the shortlisting process of the CF that expressed interest. The shortlisted CF will then be invited to continue further in the procurement process.

1.3 This REOI is not to be construed as either an RFP or an offer to contract and in no way obligates the Bank to contract anyone. The Bank reserves the right to reject any and all participating CF for any or no reason without having to provide an explanation. The Bank does not bind itself in any way to select any participating consulting firm. No debrief will be provided as to why CF have or have not been shortlisted.

Section 2. Instructions to the eligible consulting firms

2.1 Expressions of interest must be delivered using the *Bidder Portal for the Selection and Contracting of Consulting Firms for Bank-Executed Operations* (the Portal) (http://beo-procurement.iadb.org) by: December 7th , 5:00 P.M. (**Washington, D.C., Time**) in PDF format only (Max. 45MB).

2.2 To access the Portal, the CF must generate a registration account, including ***all*** the data requested by the Portal. In the event that any of the information requested is not included, the consulting firm will not be able to participate in this or any other Bank-executed selection process for operational work. If the consulting firm has been previously registered, please validate that you have ***all*** the consulting firm's information updated and complete before submitting an EOI.

2.3 Eligible CF may partner in the form of a Consortium/joint venture (JV) to enhance their qualifications. *The Consortium/JV must appoint one CF as the lead representative. Only the appointed representative may register in the Portal, submit the Expression of Interest, and shall also be responsible for all communications with the Bank and the submission of any required documentation on behalf of the Consortium/JV.*

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[1] **Member Countries:** Argentina, Austria, Bahamas, Barbados, Belgium, Belize, Bolivia, Brazil, Canada, Colombia, Costa Rica, Chile, Croatia, Denmark, Dominican Republic, Ecuador, El Salvador, Finland, France, Germany, Guatemala, Guyana, Haiti, Honduras, Israel, Italy, Jamaica, Japan, Mexico, Netherlands, Nicaragua, Norway, Panama, Paraguay, People's Republic of China, Peru, Portugal, Republic of Korea, Slovenia, Spain, Suriname, Sweden, Switzerland, Trinidad & Tobago, United Kingdom, United States, Uruguay and Venezuela.

[2] **Eligible Territories:** a) Guadeloupe, French Guiana, Martinique, Reunion – as Departments of France; b) U.S. Virgin Islands, Puerto Rico, Guam – as Territories of the USA; c) Aruba – as a constituent country of the Netherlands; and Bonaire, Curacao, Sint Maarten, Saba, St Eustatius – as Departments of the Netherlands; d) Hong Kong – as a Special Administrative Region of the People's Republic of China.

2.4 Interested CF may obtain further information during office hours, 09:00 AM to 05:00 PM (**Washington, D.C. Time**), by sending an email to: *Kambiri Cox KAMBIRIC@IADB.ORG*

Inter-American Development Bank
Division: *INE/WSA*
Attn: *Kambiri Cox*
1300 New York Ave, NW
Washington DC, 20577
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Web site: www.iadb.org

2.5 The Bank hereby invites eligible CF to indicate their interest in providing the services described below in the draft Terms of Reference for the consulting services. Interested CF must provide information establishing that they have the necessary experience and are qualified to perform the services. So that all responses may be properly evaluated, eligible CF must include in their submissions the information requested in the following section, with full and clear explanations.

Section 3. Consulting Services

3.1 The consulting services include the support to the National Water Commission (NWC) in advancing its *Energy Transformation Programme* to strengthen the utility's operational and financial sustainability, enhance the resilience and continuity of water services, reduce energy costs, and support Jamaica's national climate mitigation commitments through energy efficiency and renewable energy integration. The consultancy is expected to be carried out over a period of approximately nine (9) months, with an estimated budget of US$300,000 available for the performance of the services.

3.2 Although there is no standard format for presenting an Expression of Interest, eligible CF must submit an EOI containing the following information:

1) Basic Information—Provide the official name of CF, the contact's name, email address, phone numbers, and office address (es) of the key contact (s) responsible for the EOI.
2) Background—Provide a description of the CF. The CF may include brochures or documents that provide information about its organization, history, mission, structure, and number of staff.
3) Experience related to the requested consulting services—Provide all kinds of evidence the CF considers appropriate to show its experience and expertise in

delivering services similar to those described in Annex A, Terms of Reference (e.g., brochures, reports, studies, description of similar assignments, references to cases in which it has provided similar services, experience in similar conditions, availability of appropriate skills among staff, etc.)

3.3 Estimated budget: *USD 300.000*

Annex A. Draft Terms of Reference

Please note that the attached Terms of Reference may be subject to changes by the Bank. The CF that have been shortlisted will be notified of these changes.

ANNEX A – Terms of reference

1. Background and Justification

1.1. Established in 1959, the Inter-American Development Bank ("IDB" or "Bank") is the main source of financing for economic, social and institutional development in Latin America and the Caribbean. It provides loans, grants, guarantees, policy advice and technical assistance to the public and private sectors of its borrowing countries.

1.2. The Bank approved a regional technical cooperation (TC) to support six Caribbean countries in developing national roadmaps for low-carbon, resilient, and inclusive infrastructure. The regional operation, "Fostering the Development of Sustainable and Resilient Infrastructure in the Caribbean Region," includes targeted support to the Government of Jamaica (GOJ) to support the alignment of infrastructure planning with climate resilience, sustainability, and social inclusion goals — key elements for addressing pressing development challenges and long-term infrastructure needs.

1.3. The National Water Commission (NWC), Jamaica's primary water utility, faces significant financial challenges amid high operating expenses and ageing infrastructure. Energy costs across NWC facilities exceed JMD 10 billion (near USD 63 million) annually and account for approximately 30% of operating expenditures. To address these challenges, in early 2026 NWC completed an energy audit of 20 high-consumption facilities to assess opportunities for electromechanical upgrades and integration of small renewable energy systems at NWC facilities. Building on this work, NWC developed the Energy Transformation Programme Concept Document, which was submitted to the Ministry of Water, Environment and Climate Change (MWECC) before next finalizing for submission to the Public Investment Appraisal Branch (PIAB). The Project Concept proposes a package of energy efficiency and renewable energy investments at NWC facilities and the Mona Reservoir, aimed at reducing operating costs, improving energy resilience, and strengthening the utility's financial sustainability.

1.4. The Bank is supporting the GOJ and NWC in exploring measures to improve the utility's financial and operational performance. Previous analyses have identified significant opportunities to reduce energy consumption through upgrades to electromechanical equipment, improved operational practices, and increased use of renewable energy.

2. Objectives

2.1. The objective of the consultancy is to support the National Water Commission (NWC) in advancing its *Energy Transformation Programme* to strengthen the utility's operational and financial sustainability, enhance the resilience and continuity of water services, reduce energy costs, and support Jamaica's national climate mitigation commitments through energy efficiency and renewable energy integration.

3. Scope of Services

3.1. The consultancy is organized in three components with separate, fixed-price deliverables: (A) a bidding-ready package for the 20-site energy efficiency investments; (B) a decision-oriented business case for the Mona Reservoir solar photovoltaic project; and (C) an Energy Transformation Implementation Plan with the GOJ pre-investment documentation.

3.2. The contract is a fixed-price, deliverable-based consultancy: payments are made only against deliverables accepted by the Bank in accordance with the Schedule of Payments (Section 12). **The total budget is US$300,000**.

4. Key Activities

The consultancy will comprise three integrated components supporting the preparation and implementation of the *NWC Energy Transformation Programme*:

4.1. Component A: Energy-Efficiency Investment and Procurement Package. Building on the comprehensive energy audits already completed for the 20 priority NWC facilities, the consultant will use the audit findings as the principal technical basis for preparing the identified energy-efficiency investments for implementation. The assignment is therefore intended to validate, consolidate and operationalize the results of the completed audits, rather than undertake new energy audits, with targeted verification undertaken only where necessary. Key activities will include:

4.1.1. Reviewing and consolidating the completed energy audits for the 20 priority facilities, including the recommended energy-efficiency measures, baseline energy consumption, estimated energy and cost savings, investment requirements, and implementation priorities.

4.1.2. Validating the audit findings and identifying any critical information gaps or additional technical verification required to advance the recommended measures toward investment and procurement.

4.1.3. Translating the audit recommendations into a coordinated technical and implementation package, including prioritization and sequencing of investments based on expected savings, implementation readiness, operational requirements and other relevant considerations.

4.1.4. Establishing the measurement and verification approach for confirming energy and cost savings and monitoring the performance of the implemented measures.

4.1.5. Recommending appropriate contracting, financing and payment arrangements for implementing the priority investments, taking into account NWC's operational and financial context.

4.1.6. Assessing the relevant legal, regulatory, fiscal, institutional and procurement requirements

necessary to implement the recommended investments.

4.1.7. Consulting potential contractors, equipment suppliers and financing institutions to test market interest and inform the proposed contracting, financing and procurement structure.

4.1.8. Preparing a procurement strategy and draft bidding documents for the selected priority investments, drawing directly on the technical requirements and investment priorities established through the completed energy audits and subsequent validation.

4.2. Component B: Mona Reservoir Solar PV Pre-feasibility Study and Business Case. The consultant will undertake a pre-feasibility study of the proposed approximately 60 MW Mona Reservoir floating solar PV investment and provide NWC and the GOJ with a clear basis for deciding whether and how the project should proceed. Key activities will include:

4.2.1. Reviewing NWC's current and projected electricity demand and assessing the potential contribution of the proposed solar PV investment to reducing energy costs and improving energy resilience.

4.2.2. Assessing grid-integration and energy-use options, including on-site consumption, net billing, power wheeling and the potential sale of surplus electricity

4.2.3. Comparing viable solar PV configurations, including floating and ground-mounted alternatives, considering indicative capacity, energy generation, costs, phasing, operational requirements and climate resilience.

4.2.4. Assessing potential sites and associated land requirements, including availability, tenure, existing uses or encumbrances, and actions required to secure the preferred site.

4.2.5. Identifying preliminary environmental and social risks, climate-resilience considerations, permitting requirements and additional studies required for subsequent project preparation.

4.2.6. Evaluating the preliminary economic and financial viability of the shortlisted options and their potential contribution to reducing NWC's operating expenditures.

4.2.7. Assessing alternative implementation, ownership and financing arrangements, including NWC ownership and private-sector participation through appropriate contractual structures.

4.2.8. Reviewing the applicable legal, regulatory, contractual and fiscal requirements.

4.3. Component C: Energy Transformation Implementation Plan and Pre-Investment Proposal. Drawing on and consolidating the findings and recommendations of Components A and B, together with the review of NWC's existing and planned renewable-energy assets, the consultant will:

4.3.1. Identify and prioritize energy-efficiency, renewable-energy and operational interventions.

4.3.2. Establish an implementation sequence based on expected benefits, readiness, costs and dependencies.

4.3.3. Define indicative investment requirements and potential financing and procurement approaches.

4.3.4. Identify the institutional, regulatory and technical actions needed to support implementation.

4.3.5. Develop a results framework with indicators for energy savings, operating-cost reductions, renewable-energy integration, emissions reductions and resilience.

4.3.6. Prepare the inputs required to advance the proposed program and priority investments from Project Concept Document to Project Proposal, in accordance with Government of Jamaica requirements, for review by the Public Investment Appraisal Branch (PIAB) or the National Reconstruction and Resilience Authority (NaRRA), as applicable.

5. Expected Outcome and Deliverables

5.1. Deliverable 1. Inception Report and Work Plan. An inception report outlining the consultancy's approach, methodology, detailed work plan, information requirements, stakeholder engagement approach, and schedule for completing the assignment.

5.2. Deliverable 2. Energy-Efficiency Investment and Procurement Package. A consolidated package for the 20 pre-identified priority NWC facilities that includes: (i) review and validation of existing energy audits and proposed investments; (ii) technical and implementation requirements; (iii) measurement and verification framework; (iv) recommended contracting, financing and payment arrangements; (v) relevant legal, regulatory, fiscal and procurement considerations; (vi) findings from market consultations; and (vii) procurement strategy and draft bidding documents for selected investments.

5.3. Deliverable 3. Mona Reservoir Solar PV Pre-Feasibility Study. A pre-feasibility study that includes: (i) review of NWC's current and projected electricity demand; (ii) analysis of grid integration and power-wheeling opportunities; (iii) comparison of floating and ground-mounted solar PV options; (iv) preliminary analysis of potential sites, land considerations and tenure; (v) environmental, social, climate-resilience and permitting considerations; and (vi) identification of the preferred technical configuration.

5.4. Deliverable 4. Mona Reservoir Solar PV Business Case and Decision Roadmap. A consolidated business case building on the findings of the Deliverable 3 pre-feasibility study that includes: (i) economic and financial analysis; (ii) recommended site, scale and technology; (iii) analysis of potential delivery and financing models; (iv) legal, regulatory and fiscal considerations; (v) relevant market feedback; and (vi) required approvals, additional studies and roadmap for advancing the investment.

5.5. Deliverable 5. Draft NWC Energy Transformation Implementation Plan and Pre-Investment Proposal. A draft plan consolidating the findings of the energy-efficiency work, Mona Reservoir solar PV pre-feasibility study, grid-integration analysis, and review of NWC's existing and planned renewable-energy investments. The plan will include: (i) prioritized investments and operational measures; (ii) implementation sequencing; (iii) indicative investment requirements; (iv) financing and procurement approaches; (v) institutional, regulatory and technical actions; and (vi) expected results and performance indicators; and (vii) draft inputs and supporting analyses for the Pre-Investment Proposal.

5.6. **Deliverable 6. Final NWC Energy Transformation Implementation Plan and Pre-Investment Proposal.** A final consolidated Energy Transformation Implementation Plan incorporating comments from NWC, the Government of Jamaica and the Bank, together with the final Pre-Investment Proposal required to advance the existing Project Concept Document to the next stage of Government review through PIAB/NaRRA. The deliverable will include: (i) the prioritized investment program and implementation roadmap; (ii) indicative investment costs, financing and procurement arrangements; (iii) institutional and implementation arrangements; (iv) economic, financial, environmental, social, climate and other supporting analyses required for pre-investment review; (v) expected results, performance indicators and key risks; and (vi) the completed pre-investment documentation and supporting information required for submission to PIAB/NaRRA, consistent with applicable Government of Jamaica requirements.