

GENERAL PROCUREMENT NOTICE

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Institution: The Inter- American Development Bank (IDB)

Country: Barbados

Project: Barbados Climate Resilient South Coast Water Reclamation Project

Sector: Water and sanitation-sanitation urban

Project No.: BA-L1063; BA-L1065; BA-G1008

Loan No.: 5908/OC-BA; 5985/GN-BA

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The Government of Barbados (GOB) has received loans and grant funding in the amount equivalent to US \$110,000,000 from the Inter-American Development Bank (IDB) and the Green Climate Fund (GCF). The Government intends to apply the proceeds to the contracting of consulting services, goods and works to be procured under the Barbados Climate Resilient South Coast Water Reclamation Project. The executing agency for this project will be the Barbados Water Authority. Bidding will be governed by the Inter-American Development Bank's eligibility rules and procedures.

The general objective of the operation is to enhance Barbados' water supply resilience and reliability with a focus on climate action, environmental sustainability, and food security. The specific objectives are to: (a) diversify Barbados's water supply sources and reduce water insecurity through the reuse of reclaimed wastewater; and (b) strengthen key sector institutions on water resource management, operational efficiency, monitoring, and gender mainstreaming

The Program has four investment components which are described below.

Component 1. Water Reclamation Infrastructure (US\$63.4 million - IDB OC: US\$27.4 million; GCF: US\$36.0 million).

This component will finance the construction of the South Coast Water Reclamation and Re-use Facility (SCWRRF) under a Design Build Engineering, Procurement, and Construction (EPC)/Turnkey modality, and Operations and Maintenance (O&M) costs for one year, including climate proofing considerations and training of BWA personnel. Additionally, this component will finance the upgrade of the existing South Coast Sewage Treatment Plant (SCSTP), by refurbishing or replacing equipment in the existing influent lift pump station and headworks, including interconnecting piping to the SCWRRF and the design and installation of the odor control system.

Due consideration will be given to the use of energy-efficient equipment and Smart Water Infrastructure Technologies.

Eligible bidders and consultants are to note that the activities under **Component 1** have already been contracted through advanced procurement.

Component 2. Reclaimed Water Use (US\$19.6 million - IDB OC: US\$1.1 million; GCF: US\$18.5 million). This component finances Construction Supervision services and comprises two sub-components.

Sub-Component 1. Agriculture Reuse of Reclaimed Water Pipeline. Consisting of the installation of a 25 km pipeline for transporting reclaimed water for irrigation of approximately 160 hectares at River Plantation along the old trainline (Trailway) and ancillary equipment, and a high-water mark catchment area to allow for the irrigation pipeline.

Sub-Component 2. Aquifer Recharge Infrastructure. Consisting of the installation of 4 km water pipeline, 5 injection wells, 6 exploratory boreholes, 3 monitoring wells, 3 abstraction boreholes and pumping stations, and ancillary equipment for aquifer recharge, with due considerations of resiliency and adaptation to Climate Change (CC) measures as well as low carbon emissions.

Component 3. Climate change and Biodiversity Opportunities (US\$16.0 million (IDB OC: US\$2M; GCF: US\$14M). This component comprises two sub-components.

Sub-Component 1. Graeme Hall Swamp (GHS) National Heritage Conservation Area (NHCA). Consisting of conservation activities to build resilience of the island's natural heritage system and its interlinkages to the SCWRRF through a holistic and science-based management approach, by minimizing locally generated stressors on the ecosystems, increasing their resilience to CC, and by improving the health of the GHS. This will, in turn, improve resilience of the island, including enhanced buffering of pollutants and sediments in surface water flows from this watershed. The sub-component will finance: (a) the development of baseline assessments for the NHCA, inclusive of the GHS, associated beach, and buffer zone; (b) the development of a results-based management plan for GHS; and (c) upgrade of the hydraulic system to facilitate efficient discharge from the swamp to the sea.

Sub-Component 2. Solar Energy Generation with Battery Storage. Consisting of 7MW solar photovoltaic plant and associated energy storage capacity, increasing the sustainability of the Barbados' power grid, and also fostering the resilience of BWA's pumping stations, and mitigating the additional carbon footprint of the upgraded wastewater treatment facilities. The new plant will be co-located with existing 3MW solar systems.

Component 4. Institutional Strengthening (GCF: US\$1.5 million)

This component will finance institutional strengthening activities including: (a) improving the governance and project management capacity of BWA through the implementation of an action plan based on AquaRating and training in O&M of the SCWRRF; (b) implementing an Institutional Gender and Persons with Disabilities (PwD) Action Plan to promote the equal participation of women and PwD within BWA, and data collection on PwD within BWA; (c)

implementing robust monitoring, reporting and verification (MRV) systems to track water quality and quantity, soil quality and climate-related parameters; (d) developing and implementing a planning and monitoring system for BWA; (e) developing and implementing an action plan to increase capacity at Government Analytical Services (GAS) Lab and; (f) strengthening the Barbados Agricultural Development and Marketing Corporation (BADMC) Farmers' Empowerment and Enfranchisement Drive (FEED) program; and (g) designing and implementing public awareness and stakeholder engagement campaigns to promote the benefits of wastewater reuse and build community support. It also includes implementation of public health and safety measures, including appropriate signage, education programs, and guidelines for the safe use of reclaimed water.

In this programme the procurement processes of contracts financed by the Inter-American Development Bank will be conducted in accordance with the [Policies for the Procurement of Goods and Works Financed by the Inter-American Development Bank](#) (GN-2349-15), July 2019 and is open to all eligible bidders as defined in the policies. For purposes of this Contract, as an exception to the Procurement Policies and the provisions of Article 6.04 of the General Conditions, firms, individuals, and goods originating in countries that are not members of the Bank may participate in the procurement and contracting processes relating to Component 1 of the Project. Consulting services will be selected and contracted in accordance with the [Policies for the Selection and Contracting of Consultants Financed by the IDB](#) (GN-2350-15), July 2019.

Specific procurement notices for contracts to be bid under the Inter-American Development Bank's international competitive bidding (ICB) procedures, will be published as they become available. For goods, works as per country IDB threshold or consulting services expected to cost an amount equivalent to US \$200,000 or more, a request for expressions of interest for contracts will be advertised on the [Inter-American Development Bank's website](#), the Caribbean Community Public Procurement Notice Board, the Barbados Nation and the Barbados Advocate News Paper.

Eligible bidders and consultants interested in participating in upcoming procurement processes or those seeking further information should contact.

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