

## TC ABSTRACT

### I. Basic Project Data

▪ Country/Region:	BARBADOS/CCB - Caribbean Group
▪ TC Name:	Support for the Preparation and Execution of the Barbados Climate Resilient South Coast Water Reclamation Project (SCWRP).
▪ TC Number:	BA-T1107
▪ Team Leader/Members:	LEWIS, GILROY FRANCIS (INE/WSA) Team Leader; SASAKI, KEISUKE (INE/WSA) Alternate Team Leader; DOHERTY BIGARA RODRIGUEZ, JENNIFER (CSD/CCS) Alternate Team Leader; LOPEZ, LILIANA M. (INE/WSA); MANGONES, SARAH OCWIEJA (VPS/ESG); ROMERO VILLAMIZAR, LAURA (VPS/ESG); CENTENO LAPPAS, MONICA CLARA ANGELICA (LEG/SGO); CARLOS RODRIGUES (INE/WSA); COX, KAMBIRI SHANNON (INE/WSA)
▪ Taxonomy:	Operational Support
▪ Number and name of operation supported by the TC:	Barbados Climate Resilient South Coast Water Reclamation Project - BA-L1063
▪ Date of TC Abstract:	06 Mar 2024
▪ Beneficiary:	Government of Barbados through Prime Minister Office and BWA
▪ Executing Agency:	INTER-AMERICAN DEVELOPMENT BANK
▪ IDB funding requested:	US\$150,000.00
▪ Local counterpart funding:	US\$0.00
▪ Disbursement period:	24 months
▪ Types of consultants:	Individuals
▪ Prepared by Unit:	INE/WSA - Water & Sanitation
▪ Unit of Disbursement Responsibility:	CCB/CBA - Country Office Barbados
▪ TC included in Country Strategy (y/n):	No
▪ TC included in CPD (y/n):	No
▪ Alignment to the Update to the Institutional Strategy 2010-2020:	Social inclusion and equality ; Productivity and innovation ; Institutional capacity and rule of law; Environmental sustainability

### II. Objective and Justification

- 2.1 The objective of the Technical Cooperation is to support the Government of Barbados in the Preparation and Execution of the Barbados Climate Resilient South Coast Water Reclamation Project (SCWRP). The specific objectives of the TC are to support the assessment of the cost and technical/engineering aspects of the SCWRP; the preparation of supplementary environmental and social impact assessments; the preparation of financial, socioeconomic, gender and institutional analyses (ICAP); provide technical assistance to the executing agency; and support the mainstreaming of climate change resilience in the SCWRP.
- 2.2 The TC will be supporting BA-L1063 Barbados Climate Resilient South Coast Water Reclamation Project with the goal to increase Barbados' water resilience to climate change with a focus on increasing water security and improving environmental conditions. Initial ESIA studies have been focused on the Component 1 Water Reclamation Infrastructure which will treat wastewater to a high standard that permits

reuse for irrigation and aquifer recharge and Component 2 Reclaimed Water Reuse which will convey reclaimed water to irrigation and recharge. However, additional supplementary ESIA studies are needed for related infrastructure. II.3 Given that GoB is keen on conducting advanced procurement for the Water Reclamation Infrastructure under a Turnkey FIDIC Silver Book modality, it will be necessary to provide technical and procurement advisory services to the BWA during Bid Evaluation. A Project Coordinator will also be hired to provide support to BWA during the advanced procurement stage, It is expected that this Project Coordinator will be integrated into the Project Execution Unit once it is formed after loan approval. Given the proposed reuse of reclaimed wastewater for irrigation and aquifer recharge, public education and awareness raising will have to be ongoing. There is a paucity of data, as such the TC will provide some resources for supporting data gathering.

### III. Description of Activities and Outputs

- 3.1 **Component I: Component 1.** This Component will finance preparation of supplementary Environmental Social Impact Assessment Studies (ESIA), advisory services during bid evaluation and communication plan.
- 3.2 **Component II: Component 2.** This Component will finance acquisition of data gathering equipment and the hiring of the Project Coordinator.

### IV. Budget

#### Indicative Budget

Activity/Component	IDB/Fund Funding	Counterpart Funding	Total Funding
Component 1	US\$95,000.00	US\$0.00	US\$95,000.00
Component 2	US\$55,000.00	US\$0.00	US\$55,000.00
<b>Total</b>	<b>US\$150,000.00</b>	<b>US\$0.00</b>	<b>US\$150,000.00</b>

### V. Executing Agency and Execution Structure

- 5.1 The TC will be executed by the Inter-American Development Bank through the Water and Sanitation Division (INE/WSA) as indicated by the beneficiary in the Letter of Request. The Project Coordinator will be hired before loan approval and will be funded through the TC until the PEU is formed.
- 5.2 The Government of Barbados has requested that the IDB execute the TC operation in order to expedite and facilitate the procurement process, especially that of the Project Coordinator. Contracting by the IDB would also enhance the independence of the studies in accordance with paragraph d) of Annex 10 of GN-2629. CCB/CBA in coordination with INE/WSA will be responsible for contracting all the required consultants.

### VI. Project Risks and Issues

- 6.1 The main risk to this operation is with modification to the loan operation (BA-L1063), including changes to the scope and need for additional environmental social impact assessments and other studies beyond what has been provided for in the TC. This risk will be mitigated by close collaboration and coordination with the BWA and GOB entities to avoid scope creep. Also, depending on the nature of these additional studies, some of them can be incorporated into the Bidding Documents for the contractor to undertake. The TC includes five contracting processes for firms and/or individuals for five activities. While BWA has had successful experience with IDB procurement, the utility may need assistance and capacity building from the Bank's procurement specialist. The fiduciary risks would be considered moderate to low. There is the risk of unsatisfactory performance from the Consulting firm/s and/or

individuals that will delay project deliverable or require new contracting processes. This risk will be mitigated by ensuring proper costing of the services and monitoring of performance by the Bank and the Executing Agency BWA where necessary.

## **VII. Environmental and Social Aspects**

- 7.1 This Technical Cooperation is intended to finance pre-feasibility or feasibility studies of specific investment projects and the environmental and social studies associated with them; therefore, the terms of reference and products of this TC will be consistent with the applicable requirements of the Bank's Environmental and Social Policy Framework (ESPF).