

BELIZE
IDB CLIMA: Strengthening Marine Ecosystem Resilience by enhancing Wastewater
Infrastructure in Caye Caulker
(BL-L1051)

Request for Information Notice

Belize Water Services Limited (BWS) is the national water and sewerage utility company responsible for improving the lives of customers by delivering cost-effective and sustainable supply of high-quality water and wastewater services, in an environmentally and socially responsible manner throughout the country of Belize. With the financing from the Inter-American Development Bank (IDB), BWS is interested in procuring the services required for the **Design, Supply and Installation of a Wastewater Treatment System, including an MABR Wastewater Treatment Plant and Vacuum Sewer network at Caye Caulker (Appendix 1 Table 1).**

This request for information (RFI) seeks to identify the availability, particularities, and/or operational, technical, functional, and commercial characteristics, as well as the qualifications and experiences of potential bidders interested in participating in the procurement process. The information provided will be used exclusively for market research by BWS and will not be subject to any public disclosure. Note that this RFI is for market research only and will not be used to prequalify or evaluate firms and will not give any respondent an advantage in future procurement. Any costs incurred in preparing responses to the RFI or attending any virtual meeting will be solely at the responsibility of the interested companies.

As part of the Program, BWS intends to procure the supply, installation, commissioning and training for [GF1][RL2] a vacuum wastewater network and a Membrane Aerated Biofilm Reactor (MABR) in Caye Caulker. The procurement is currently envisaged to comprise two (2) packages, with the first package being for the procurement of Goods containing three (3) Lots [LF3] while the second package encompasses the procurement for Works made of two (2) Lots (presented in **Appendix 1 Table 2**). Bidders may be awarded more than one Lot, subject to demonstrating adequate technical, financial, and implementation capacity. Regardless of whether the Lots are awarded to one or several providers, implementation of the wastewater network and wastewater treatment plant is expected to proceed in parallel, with systems to be completed within a common implementation period of approximately 48 months from contract effectiveness.

The proposed investments are expected to include, among other things, wastewater vacuum networks with vacuum valves and chambers; vacuum station with a full set of equipment with backup generators, fuel storage and spares; MABR wastewater package plants; control systems, monitoring and communication systems; civil works; and other equipment and services necessary to provide reliable collection and optimum treatment of the influent wastewater from the beneficiary communities and environment. Additionally, the contracts will also include a comprehensive training program for BWS staff for the Operations and Maintenance [GF4][RL5] for all systems within the project scope.

The procurement of these goods and works [GF6] will be carried out through an International Competitive Bidding with open to all companies or consortia interested from [IDB member countries](#). The bidding process (including a prequalification process) is expected to take place during the last quarter of 2026, following the [IDB's Procurement Policies](#) and will be published both on the [Inter-](#)

[American Development Bank's Procurement Portal](#) and on procurement.gov.bz/opportunities. Therefore, Belize Water Services (BWS) is interested in receiving the following information before 2:00 p.m. (Belize time) on 25th October 2026, at the email [address: rce@bws.com.bz](mailto:rce@bws.com.bz).

1. **Company profile and relevant experience.** Brief company profile and relevant experience in wastewater systems with a focus on the wastewater vacuum system and MABR treatment systems. Present technical characteristics (catalogues) of goods identical or like those to be produced
2. **Financial capacity and qualification requirements.** Provide information on your company's financial capacity, including annual turnover, access to financial resources or working capital, and any other information you consider relevant. Based on your experience, please also provide views on appropriate minimum financial qualification requirements for the proposed procurement, including annual turnover, liquidity, and other indicators of financial capacity. Include any technical, financial, or legal requirements considered indispensable for participation in the procurement process.
Also, provide payment conditions, guarantees, and delivery times for the commissioning of the goods and the characteristics of the after-sales services of the goods offered.
3. **Key personnel requirements.** Views and required experience on the key professional that should be required for successful contract implementation, including project management, wastewater process engineering, electrical engineering (experience with renewable energy), mechanical engineering, instrumentation, control & automation engineering, operational technology engineering, environmental, social, and occupational health and safety expertise. Considering the indicative implementation period, please also comment on the availability of sufficient qualified personnel to execute multiple Lots concurrently in the event that a Bidder is awarded more than one Lot, including which key positions could reasonably be shared across Lots and which would require dedicated personnel for each site.
4. **Local participation and subcontracting.** Comment on potential activities that could reasonably be undertaken by Belizean firms, local workers, or community members, including civil works, transportation, logistics, site preparation and other support services.
5. **Environmental, social, health and safety requirements.** Mention the company experience implementing projects subject to international financial institution ESHS requirements, particularly in coastal areas, remote and Indigenous communities.[YC7][LR8]
6. **Request views on supply-chain risk mitigation.** Please comment on practical documentation, traceability, manufacturer declarations, and due-diligence measures that could be incorporated in the bidding documents to address supply-chain integrity risks without creating unnecessary barriers to participation.

The responses to this request for information from interested companies will strengthen the selection and contracting process, which will be carried out in accordance with the IDB's Procurement Policies.

A virtual meeting will be held on the **07th, October 2026 at 10:00 am** to present [GF9][RL10]the project in greater detail and provide an opportunity to Q&A. Interested firms may join through the following **Microsoft Teams meeting link**:

<https://teams.microsoft.com/meet/243855102488111?p=w6BUFIgAay6ZH4cic>

Neither this request for information nor the provision of information within this framework constitutes a legal agreement, nor does it obligate the Program or any of the interested parties in any

way regarding the information requested and provided, as it corresponds to a market research process prior to the aforementioned procurement process. The submission of information in this request should not be considered as a prior participation instance in the selection process referred to in the previous paragraph.

All information provided to the Program by interested parties, voluntarily submitted, is considered confidential and cannot be made available to third parties for their use, unless it is information made public by its owner in any other way.

The requested information must be presented in English.

Appendix 1. Project Description

This Appendix provides interested firms with a description of the Caye Caulker Wastewater investment and the principal technical requirements currently envisaged. It is provided for market-sounding purpose only. The final scope, specifications, quantities, qualification requirements and contractual conditions will be those included in the bidding documents.

Table 1 Components of the Caye Caulker Wastewater Project

Components	Description	Capacity & Quantities
Wastewater Vacuum Networks:	Flow Capacity	200,000 US GPD (757.10 m ³ /d)
	Total Vacuum Network PE100 HDPE & uPVC (including mains, service line and service connections)	HDPE PE100 33,561 ft (10,230 m) PVC 38,109 ft (11,616 m)
	Vacuum Valves	175 units
Vacuum Station:	Flow Capacity Vacuum pumps, vacuum tank, all piping, valving and accessories, instrumentation, automation and control, operational technology (Scada), generator and shares (where necessary)	200,000 US GPD (757.10 m ³ /d)
MABR Package Treatment Plant	Total Capacity	2 lines x 100,000 US GPD
	2 Membrane Aerated Biofilm reactors, 2 equalisation tanks, filtration and UV disinfection units, drying beds with roofs, recirculation chamber, and spares (where necessary)	2 lines x 379 m ³ /d
Civil Works & Other works	Buildings, storage facilities, electrical, instrumentation, automation and control systems, operational technology (Scada), and generators, drying beds, and spares (where necessary).	
Renewal Energy	Solar System	

Table 2 Caye Caulker Wastewater Procurement Structure

Packages	Lots
1. Procurement of Equipment & Materials	Lot 1: ✓ 2 x 100,000 US GPD (379 m³/d) MABR Wastewater Package Treatment Plants ✓ All solar power equipment for electricity production and supply to the facilities ✓ Works inspection ✓ Plant testing, commissioning and training
	Lot 2: ✓ HDPE PE100 33,561 ft (10,230 m) ✓ uPVC 38,109 ft (11,616 m) ✓ 175 unit of vacuum network valves ✓ 200,000 US GPD (757.10 m³/d) Vacuum Station
	Lot 3: ✓ 2 x Wastewater vacuum trucks 2,100 US Gallons with all accessories
2. Procurement for Installation Works	Lot 1: ✓ Installation of the 2 x 100,000 US GPD (379m³/d) including all building, mechanical, electrical and operational technology systems ✓ Installation of the vacuum station and pump station ✓ Installation of the solar equipment ✓ Testing and Commissioning of the facility
	Lot 2: ✓ Installation of the vacuum sewers with vacuum chambers and valves ✓ Testing, commissioning and training