



## Caribbean Community Climate Change Centre (CCCCC)

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[www.caribbeanclimate.bz](http://www.caribbeanclimate.bz)

**COUNTRY:** Barbados

**PROJECT TITLE:** The R's (Reduce, Reuse, Recycle) for Climate Resilience Wastewater Systems in Barbados (3R-CReWS) Project

**CONTRACT TITLE:** Design and Supervision Consulting Services for the Upgrade of the Bridgetown Sewage Treatment Plant

**CONTRACT REFERENCE:** Contract #39/2023/GCF/Barbados/CCCCC

**SUBMISSION DEADLINE:** June 2, 2023 (2:00 pm GMT-6)

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### REQUEST FOR EXPRESSIONS OF INTEREST

1. The Caribbean Community Climate Change Centre (CCCC) has received financing from *The Green Climate Fund*, toward the implementation of “**The R’s (Reduce, Reuse, Recycle) for Climate Resilience Wastewater Systems in Barbados (3R-CReWS) Project**” and intends to apply part of the proceeds towards the contracting of the **Design and Supervision Consulting Services for the Upgrade of the Bridgetown Sewage Treatment Plant**
2. The CCCCC now invites eligible Consulting Firms to indicate their interest in providing the Services. Interested firms should provide information demonstrating that they have the required qualifications, relevant experience to perform the Services and client references for projects.
3. Consultants may associate with other firms to enhance their qualifications but should indicate clearly whether the association is in the form of a joint venture and/or a sub-consultancy. In the case of a joint venture, all the partners in the joint venture shall be jointly and severally liable for the entire contract, if selected. Key Experts will not be evaluated at this shortlisting stage.
4. Expressions of Interest must be submitted in English and should not exceed 50 pages (including all annexes).

5. The scope of services for the Design and Supervision for the Upgrade of the Bridgetown Sewage Treatment Plant (herein after referred to as “the Services”) include but are not limited to:
  - a) Preparation of detailed engineering designs for the conversion/upgrade including required civil works, to the existing conventional activated sludge (CAS) biological treatment process at the Bridgetown Sewage Treatment Plant (BSTP), to tertiary level treatment for achieving national reclaimed water-quality standards. Designs are to include the Installation of the Reverse Osmosis (RO) membrane filtration systems to reduce the total dissolved solids concentration of the reclaimed water produced at BSTP. The scope of services includes the preparation of a report on public consultations held with pertinent stakeholders.
  - b) Preparation of detailed engineering designs for a sewer monitoring program with equipment specifications that include the installation of flow measurement and rain-gauging equipment at the BSTP, to identify and address sources of inflow and infiltration to the sewer network. Designs shall include mechanisms that identify and reduce or mitigate vulnerabilities in the sewer network.
  - c) Preparation of engineering designs and equipment specifications for a Laboratory facility that meets the needs of the upgraded system.
  - d) Preparation of the engineering designs and supervision of the installation of Sludge dewatering equipment to improve energy efficiency and reduce the overall GHG and CO2 emissions associated with the biosolids.
  - e) Preparation of a report to identify high-level adverse Environmental, Social and Gender risk, impacts, barriers, assumptions, and mitigation recommendations that will be used to inform the designs.
  - f) Preparation of all bid documents and provision of Engineering Advisory Services during the procurement process.
  - g) Providing construction supervision and contract administration services for the construction phase of the project.
6. This Consultancy will be implemented over a period of **45 months, that includes a 12 months defect liability period**. The expected commencement date is estimated at November 1, 2023
7. The draft Terms of Reference (TOR) will be provided upon a request sent to [atillett@caribbeanclimate.bz](mailto:atillett@caribbeanclimate.bz)
8. The Centre requires compliance with the provisions related to prohibited practices. as set forth in the Centre’s Policy on “**Prohibited Practices**”  
<https://www.caribbeanclimate.bz/wp-content/uploads/2022/01/Annex-III.pdf>
9. The estimated budget for the assignment is USD\$3,200,000.00.

## 10. SHORTLISTING CRITERIA

A minimum of three (3) and maximum of six (6) firms will be shortlisted and invited to submit a Technical and Financial Proposal through a Request for Proposal (RFP), utilizing the Quality and Cost Based Selection (QCBS) method.

The criteria used to evaluate the Expressions of Interest are: Technical Competence; Qualification and Experience of the Firm and Financial Capability

**Blacklisted-** (YES/NO)

**Financial Capability** – The candidate should have a minimum average turnover of 1,000,000 USD in the last 5 years {provide Financial Statements} (*Submission of audited balance sheets or if not required by the law of the Applicant's country, other financial statements acceptable to BWA for the last three/five years to demonstrate financial soundness*). (YES/NO)

CRITERIA		MAXIMUM SCORE
<b>1.0</b>	<b>GENERAL</b>	<b>15</b>
	General background of the consulting firm, including staff, turnover and years in business	
<b>2.0</b>	<b>FIRM GENERAL EXPERIENCE AND TECHNICAL COMPETENCE</b>	<b>30</b>
	Experience of similar projects (scope and size) undertaken in the preparation of detailed designs and specifications, and provision of construction supervision services.	
<b>3.0</b>	<b>SPECIFIC EXPERIENCE</b>	<b>40</b>
	<b>3.1</b> - Successful completion within ten (10) years prior to the submission deadline of at least two (2) service contracts for the design and supervision of works related to the wastewater treatment plant infrastructure with an individual contract amount of at least \$300,000 USD – <b>Provide contract references.</b>	
	<b>3.2</b> - Successful completion within ten (10) years prior to the submission deadline of at least one (1) Engineering project that includes upgrading from a primary or secondary treatment plant to a tertiary wastewater treatment plant. <b>Provide contract references.</b>	
	<i>The candidate should have carried out the services requested at points 3.1) and 3.2) above as Single Consultant or Lead Consultant in an Association/Consortium/Joint Venture</i>	

<b>4.0</b>	<b>STAFF EXPERIENCE</b>	<b>15</b>
	<p>Demonstrated staff of at least four (4) engineers and four (4) technicians over the past five years with the appropriate skills and experience including:</p> <ol style="list-style-type: none"> <li>i. The ability to manage civil engineering projects of this nature.</li> <li>ii. Experience in the design of wastewater treatment plant infrastructure.</li> <li>iii. Experience in construction management and the ability to successfully oversee projects of this nature.</li> <li>iv. Experience in Quantity Surveying with the ability to develop budgets, bills of quantities and track and control costs.</li> <li>v. Experience with monitoring the environmental and social impacts of projects during the execution phase.</li> </ol> <p>Provide general information on the number and qualification (brief background/bio) of key expert staff attached to the firm or available for assignment).</p>	
	<b>TOTAL</b>	<b>100</b>

## 11. DEADLINE FOR SUBMISSION

The Centre's electronic-procurement system shall be used to manage the submission, withdrawal, substitution, or modification of EOI's.

Consultants must first register by creating a Username, profile and password before accessing the bid submission form at the URL: [www.caribbeanclimate.bz/bid-submission](http://www.caribbeanclimate.bz/bid-submission).

1. Prior to EOI Submission, Consultants will be required to complete the submission form with fields that include:
  - i. Name of Consultant (Company):
  - ii. Contract Reference:
  - iii. Contract Title:
  - iv. Name and Email address of uploader
  
2. Consultants must upload **ONE (1) PDF** file for the EOI no later than June 2, 2023, 2:00pm GMT-6. An automatic receipt time stamped email will be sent to the uploader's email account as a receipt and proof of submission. Each submission will be given a confirmation number.
  
3. **Submissions of EOIs**
  - (i) EOI should be addressed to Colin Young (PhD), Executive Director, Caribbean Community Climate Change Centre
  - (ii) EOI's must be uploaded as files to <http://www.caribbeanclimate.bz/bid-submission/>.

**(iii)** The subject matter of the submission must read: **“Design and Supervision BSTP”**

The Centre is not bound to accept any Expression of Interest received and may cancel the selection process at any time prior to the award of contract without liability.  
Interested firms that do not comply with the requirements set out in the Detailed Request for Expressions of Interest (EOI) may be disqualified.  
The Centre is an equal opportunity employer.