

Consultancy to conduct an Environmental and Social Impact Assessment (ESIA) and Environmental and Social Management Plan (ESMP)”.

Contract#84/2020/GCF3Rs/Barbados/CCCCC

Date of Issuance: September 29th 2020

Query #	Queries	Response
1	<p>Section 7 of the TOR mentions that the project will commence Oct. 19th and the RFP Data Sheet (section 7.2) states that commencement being November (no specific date mentioned). Seeing how this proposal is due on Oct. 7th, I assume the Data Sheet is correct in predicting a November start.</p> <p>If you are able to state what day in November you predict this project could commence, that would be helpful.</p>	<p>It is anticipated that the contract will be signed to allow commencement of activities in November.</p> <p>Tentatively we anticipate a start date of November 19th.</p>
2	<p>In the RFP document, Section 2, 1.11 page 12 it says: “Shortlisted Consultants may only submit one proposal”. Could you please confirm if there is a Shortlist? Was there a previous Request for EOI?</p>	<p>This is an open invitation to tender. There was no previous request for an EOI</p>
3	<p>In the TOR, 3.2 task 2: could you please be more specific with the scope of work included in the Technical Assessment component, specifically regarding points 7,8 and 9 (noise and vibration, waste identification, wastewater management and quality..)</p>	<p>The locations of the sewerage treatment plants, especially the Bridgetown Sewerage Treatment Plant, requires the examination of their surrounding and customers operations, to ensure that proposed activities that emerges from the project design when being implemented will not negatively impact the environment and the population. The final design will be available end February 2020.</p>

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4	<p>We are interested on the above-mentioned RFP under the R's for Climate Resilience Wastewater Systems in Barbados. We have carefully reviewed the RFP and can't find anything related to eligibility. Can an Uruguayan firm apply?</p>	<p>This procedure is open to all eligible firms. It is funded by the Green Climate Fund (GCF) – all nationalities are eligible to bid.</p>
5	<p>Question related to the scope of work. From the tasks described and the team requested, it seems that an engineering firm will or is hired to conduct all necessary project design. (a) Is that so?</p> <p>(b) Is it correct to think that our team would only work on desk review using the technical documents produced by the engineering firm hired for that purpose?</p> <p>(c) Regarding the scope of the additional tasks stated on page 5 of the RFP;</p> <p>2. Provide detailed baseline hydrological information for the two sites;</p> <p>7. Assess and recommends solutions for noise and vibration effects associated with the construction and operation of the proposed facilities.</p> <p>Basically, would the consulting firm selected have to produce hydrological data and scenarios and take noise and vibration samples?</p>	<p>a) A company has been contracted to undertake the Project Design. Specific deliverables are:</p> <ul style="list-style-type: none"> ✓ Baseline Study, The Project Design including project log frame; detailed budget, indicative implementation timeline and Risk Assessment and Matrix ✓ Feasibility Study (Financial Model and Cost-Benefit Analysis) ✓ Stakeholder Analysis and Stakeholder Management and Engagement Plan ✓ Gender Analysis and Gender Action Plan <p>b) No. The team will be required to gather required primary and secondary data that may not be included in the deliverables of the engineering firm conducting the design and feasibility study. For example, in the event land clearing and or construction is proposed, how will consultant assess the environmental and social implications of these activities.</p> <p>c) The hydrological data/information should become available as part of the ongoing consultancy to design and assess the feasibility of the project; however, for noise and vibration data it is not envision that such information will need captured as the project activities are not being implemented yet. The consultant will be expected to scrutinize the proposed activities assess its potential environmental and social impacts (including noise and vibration) on the surrounding environments and proposed migration actions that must be costed for inclusion in the final project design.</p>
6	<p>We are evaluating the current Request for Consultants to perform ESIA/ESMP for the Wastewater System in Barbados. In conducting research on the subject I ran across the project</p>	<p>See link below.</p>

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	<p>listed below that was conducted earlier this year. I would like to request an electronic copy.</p>	<ul style="list-style-type: none"> • Blog - https://caribbeanclimateblog.com/2020/04/29/request-for-expression-of-interest-consultancy-to-conduct-specified-baseline-studies-for-the-3r-crews-in-barbados/
7	<p>We wanted to clarify the TOR, Section 3.2 Task 2:</p> <ul style="list-style-type: none"> • Note that the numbering repeats at the bottom of page 5 after #4. • #'s 8, 9, 10 and 12 all reference “ports” and we question if this is a mistake (perhaps referencing another prospect by mistake). Please confirm if <i>ports</i> are connected to this project. 	<p>Thanks for pointing out that numbering error. The reason the below are included is because the Port of Bridgetown is near the Bridgetown Sewerage Treatment Plant and is connected to the Bridgetown Sewerage Treatment Plant. In the event the plant or port needs to be shut-down to implement project activities, the environmental and social implications must be understood. Point 12 is mainly related to any recommendation related sewage outfall to sea.</p> <ul style="list-style-type: none"> • (8) (new number 10) Propose protocols for handling proper screening, acceptance, and transport of dangerous cargo based on local and international standards and regulations, including elements such as establishment of segregated and access-controlled storage areas with the means to collect or contain accidental releases; loading and unloading to and from ships, including proper shipping measures amongst others. Emergency response procedures specific to dangerous goods should be outlined in the ESIA; • (9) (new Number 11) Identify wastes from the implementation and operations of the project. These should include details of the processes for each activity, generation of wastes, types, quantity and methodology for collection, storage, treatment and disposal of wastes. Wastewater water-based effluents associated with port and pier activities, bilge and waste, ship sewage and vessel cleaning wastewater from ships. Ship sewage and wastewater contains high levels of BOD and coliform bacteria, with trace concentrations of constituents such as pharmaceuticals, and typically low pH levels. Wash water may contain residues such as oil. Pollutants in bilge water contain elevated levels of BOD, COD, dissolved solids, oil, and

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		<p>other chemicals that accumulate as the result of routine operations. Therefore, measures for effective management of such effluent waste should be outlined in the ESIA study;</p> <ul style="list-style-type: none"> • (10) (New Number 12) Occupational health and safety issues during the construction, operations and decommissioning of ports are to be outlined in the ESIA in line with OHS requirements for large infrastructure in line with internationally acceptable practices and standards such as General recommendations for managing physical hazards as addressed in their General EHS Guidelines. This should comprehensively cover among others protections against, exposure to dust and hazardous materials that may be present in construction materials and demolition waste and a host physical hazards associated with the use of heavy equipment, or the use of explosives in line with this nature of project; • (12) (New Number 14) Assess and recommend solutions for implications of possible dredging, quantities of dredged materials and measures for their safe transportation and disposal. This process should consider implications of the project on the neighbouring ecosystem uses and values in the areas where dredging is to be undertaken. <p>See attached ToR with updated numbering – highlighted in red.</p>
8	<p>Please refer to your Terms of Reference (TOR) for the Consultancy to conduct an Environmental and Social Impact Assessment (ESIA) and Environmental and Social Management Plan (ESMP) for the R's (Reduce, Reuse and Recycle) for Climate Resilience Wastewater Systems in Barbados, (3R CREWS Barbados) Preparation Project.</p> <p>In Section 3 of the TOR, it is noted that this environmental consultancy is intended to</p>	<p>Those reports are to be produced as part of an ongoing consultancy. A summary of the initial concept for the project can be access via the following: https://www.greenclimate.fund/sites/default/files/document/ppf-application-r-s-reduce-reuse-and-recycle-climate-resilience-wastewater-systems-barbados-3r-crews.pdf</p>

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	<p>complement the project design which is being conducted by another consultant. Specifically, the project description for the ESIA and ESMP will be developed based on the initial project design in draft reports prepared by that design consultant. Clearly, the scope of the work required for the ESIA and ESMP will be dictated by the nature of the initial project design. For this reason, the following are our questions:</p> <p>1) Will you release the draft reports referred to above for use in preparing this proposal?</p> <p>2) If the draft reports will not be released at this time, please provide a summary of the Initial Project Design to allow a better understanding of the scope of the ESIA and the ESMP.</p>	
9	<p>Task 1 in the TOR speaks to "... water quality, air quality and climatic conditions..." is there an expectation that the Consultants cost for baseline data to be collected in the field or there should be reliance on already existing data from desktop review?..."</p>	<p>The consultant is expected rely on secondary and primary data sources; therefore, all means of primary data gathering should be budgeted for.</p>
10	<p>1. Is the baseline report available? 2. Do you have a map showing the extents of the sewerage network for the Bridgetown Sewerage Treatment Plant and the South Coast Sewerage Treatment Plant? 3. Do you have a report showing the influent quality?</p>	<p>All available information will be made available to the selected firm. The Baseline Report will be completed by Mid-November. The network maps can be provided at inception. Information on influent quality should be made available.</p>
11	<p>1. Can the details of the development area be provided to give an indication of the scale of the proposed development, e.g. is this</p>	<p>1. A summary of the initial concept for the project can be access via the following: https://www.greenclimate.fund/sites/default/files/document/ppf-</p>

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	<p>primarily a refit within the existing plant sites or expanded / new development. Can the design brief be provided.</p> <ol style="list-style-type: none"> 2. What is the current design status, are these developed to a level that an assessment can be undertaken or are they still at the concept/feasibility stage. 3. The tender talks of review of the designs as these develop to assess their compliance with environmental and social safeguard policies to ensure compliance of the final design. Is the focus of this relatively short term study more around supporting the design and developing a high level environmental and social assessment rather than producing a detailed ESIA and ESMP suitable for project consenting and complaint with all international safeguard policies for which a reasonably final design is required? 4. Has any preliminary scoping of potential environmental and social effects been undertaken for the ESIA and if so can this be provided? 5. Can you confirm if BWA will be open to providing baseline data particularly around the groundwater levels and any specific studies they have undertaken. 	<p>application-r-s-reduce-reuse-and-recycle-climate-resilience-wastewater-systems-barbados-3r-crews.pdf . Other pertinent information will be provided during this consultancy.</p> <ol style="list-style-type: none"> 2. The treatment plants already existing. The actions to be implemented to build resilience into the operations of the plant and collection systems are being identified and should be available by end February 2021. This assignment is running concurrent with the design and feasibility efforts. 3. This assignment is about producing a detailed ESIA and ESMP suitable for project consenting and complaint with all international safeguard policies for which a reasonably final design. 4. No preliminary scoping of potential environmental and social effects have been undertaken for the ESIA. The baseline report of the consultancy is expected to deliver this. 5. The BWA will provide all available baseline data. Information about groundwater level is available the points of extraction.
12	<p>Our understanding of the objective of the consultancy is to review that performance standards on environmental and social sustainability are mainstream into the final design of the project R's. and conduct ESIA and ESMP. We will review the criteria and design bases, but not the engineering project</p>	<p>With reference to Section 2 of the TOR, the main objective of the Consultancy is to “deliver an Environmental and Social Impact Assessment (ESIA) and Environmental and Social Management Plan (ESMP) aimed at ensuring that Performance Standards on Environmental and Social Sustainability are mainstream into the final project design of the project titled, “The R’s (Reduce, Reuse and</p>

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	<p>3.2 Task 2.</p> <p>In addition, the Consulting Firm will be required to carry out the following tasks to complete the technical assessment component:</p> <p>This consultancy will review the draft reports of the consulting firm and examine from an environmental and social lens the initial project design and make recommendations to ensure compliance with environmental and social safeguard policies and standards as well as propose actions for mainstreaming environmental and social considerations.</p> <p>We will review if such aspects (1 to 13) have been considered in the project design and identify the potential environmental and social impacts derived from omission. The focus is on guaranteeing a high design performance standards. Relevant environmental impacts must be eliminated by design. A project with significant environmental or social impact will not obtain financing.</p> <ol style="list-style-type: none"> 1. Provide an environmental and social impact justification for the project considering national and regional integration development strategies amongst others; 2. Provide detailed baseline hydrological information for the two sites considering the anticipated works and their implications on the hydrology of the Graeme Hall Swamp and other wetlands. 3. The hydrological assessment should focus on reviewing the hydrological information and data for the proposed sites against anticipated project works and establish hydrological dynamics of the project 	<p>Recycle) for Climate Resilience Wastewater Systems in Barbados (3R-CReWS)”.</p> <p>With reference to Section 3.2 Task 2 of the TOR it is suggested that the ESIA incorporates the 13 aspects to guarantee a project design which possess the least amount of environmental and social impact for the project. Consider these in context of the project concept, which can be access via the following: https://www.greenclimate.fund/sites/default/files/document/ppf-application-r-s-reduce-reuse-and-recycle-climate-resilience-wastewater-systems-barbados-3r-crews.pdf .</p>

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	<p>sites based on scenarios such as with and without the project as advise on the suitability of the sites, levels of works amongst others on the lake water dynamics, uses and values;</p> <p>4. Identify concisely the uses, users and values of the project sites against the planned development plans and assess implications of the development on those uses, users and values;</p> <p>5. Identify and review national, regional and international policies, legislations and institutional and administrative frameworks governing social and environment management and relating to the project. The Consulting Firm should pay attention to Barbados' protocols relating to environment and natural resources management in the review process in the ESIA;</p> <p>4. Identify and provide a description and an evaluation of possible project alternatives in terms of the technology, design and layouts, levels of works in the works and location consideration of the project sites. The assessment of alternatives should cover assessment of the sites, routes and alignments for the project infrastructures. An analysis for each alternative in terms of cost and technical feasibility should be given and the best option justified. The analysis should include parameters considered along with weightage criteria for short-listing selected site;</p> <p>5. Conduct ecological evaluation of the available project alternatives to compare their viability taking into account a number of considerations such as environmental costs, ecological values and uses and inherent opportunity costs against each of the alternatives; Present the preferred project design</p>	

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	<p>option, based on the technical and ecological alternatives evaluation.</p> <p>6. Describe development activities to be undertaken in the project and map out key environmental and social impacts of the project in terms of their extent, duration and The R's (Reduce, Reuse ad Recycle) for Climate Resilience wastewater systems in Barbados Terms of Reference reversibility. The ESIA should provide matching feasible mitigation measures for such impacts;</p> <p>7. Assess and recommends solutions for noise and vibration effects associated with the construction and operation of the proposed facilities. The assessment process should focus into various activities including construction related traffic movements; construction operations and the future operations of the wastewater treatment plants. Atmospheric conditions that may affect noise levels include humidity, wind direction, and wind speed. The noise assessment should be based on equivalent ambient noise levels that should not be exceeded and general recommendations for prevention and control of noise are described in the General ISO Guidelines;</p> <p>8. Propose protocols for handling proper screening, acceptance, and transport of dangerous cargo based on local and international standards and regulations, including elements such as establishment of segregated and access-controlled storage areas with the means to collect or contain accidental releases; loading and unloading to and from ships, including proper shipping measures amongst others. Emergency response procedures specific to dangerous goods should be outlined in the ESIA;</p>	

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	<p>9. Identify wastes from the implementation and operations of the project. These should include details of the processes for each activity, generation of wastes, types, quantity and methodology for collection, storage, treatment and disposal of wastes. Wastewater water-based effluents associated with port and pier activities, bilge and waste, ship sewage and vessel cleaning wastewater from ships. Ship sewage and wastewater contains high levels of BOD and coliform bacteria, with trace concentrations of constituents such as pharmaceuticals, and typically low pH levels. Wash water may contain residues such as oil. Pollutants in bilge water contain elevated levels of BOD, COD, dissolved solids, oil, and other chemicals that accumulate as the result of routine operations. Therefore, measures for effective management of such effluent waste should be outlined in the ESIA study;</p> <p>10. Occupational health and safety issues during the construction, operations and decommissioning of ports are to be outlined in the ESIA in line with OHS requirements for large infrastructure in line with internationally acceptable practices and standards such as General recommendations for managing physical hazards as addressed in their General EHS Guidelines. This should comprehensively cover among others protections against, exposure to dust and hazardous materials that may be present in construction materials and demolition waste and a host physical hazards associated with the use of heavy equipment, or the use of explosives in line with this nature of project;</p> <p>11. Undertake Risk Assessment and propose a Disaster Management Plan including emergency</p>	

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	<p>evacuation during natural and man-made disaster like floods, cyclone and or earthquakes amongst others;</p> <p>12. Assess and recommend solutions for implications of possible dredging, quantities of dredged materials and measures for their safe transportation and disposal. This process should consider implications of the project on the neighbouring ecosystem uses and values in the areas where dredging is to be undertaken;</p> <p>13. Assess and recommends solutions for the direct and indirect impacts of the planned project activities on the environment and propose mitigation measures.</p> <p>Please, confirm.</p>	
13	<p>1.- Items 4 and 5, Task 2 appear repeated. Please inform which of those additional items apply.</p> <p>2.- Please confirm if the project scope is referred only to South Coast Wastewater Treatment Plant, Sanctuary Oistins, and their influencing areas, or if other areas must be considered, if so, please inform about those áreas.</p> <p>3.- Would you please to submit the activities list of the project for the ampliatiion of the plants, for having a best idea of the environmental request to be considered.</p> <p>4.- Please inform if permanent presence of staff is required in client offices or information can be received and sent digitally</p>	<ol style="list-style-type: none"> 1. There is a numbering error. Despite the numbering error, all tasks contained in that section applies. See answer to question No 7. 2. Both the South Coast Sewage Plant and the Bridgetown Sewage Treatment Plant plus their connecting networks and surrounding areas are within the scope and these areas must be considered. 3. Further details of the proposed list of activities will be provided to the selected consulting firm. The environmental request to be considered will generally entail the changes made by upgrading both wastewater treatment plants to tertiary level. The project concept can be access via the following: https://www.greenclimate.fund/sites/default/files/document/ppf-application-r-s-reduce-reuse-and-recycle-climate-resilience-wastewater-systems-barbados-3r-crews.pdf . 4. Permanent presence is not required; however, the selected consultants will be required to attend site visits and site meetings with representatives from the Government of

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	<p>5.- Please confirm if the information for the baseline study will be available in digital or hard copy</p>	<p>Barbados and the Barbados Water Authority. There is limited information available digitally.</p> <p>5. The baseline study will be available digitally and provided to the selected consulting firm.</p>
14	<p>1.- Please confirm if reports can be delivered in digital files or if it is necessary to submit hard copies. If so, How many hard copies does require each report?</p> <p>2.- Is it possible to re-clarify, once your answers have been received??</p> <p>3.- "These terms of reference contain the required key experts' profiles. The shortlisted consultants shall submit CVs and statements of exclusivity and availability for the following key experts. " Please confirm if it's expected a full time dedication of key personnel.</p> <p>4.- Please confirm if we should submit CVs of non-key personnel, or if you expect the project will be executed only by key personnel.</p> <p>5.- Please clarify for key personnel evaluation if phrases such as "would be an asset", "preferably in the Caribbean Region", "would be considered an advantage", mean that in case of not having the condition, evaluation score will be decreased.</p> <p>6.- Please confirm: "The intended commencement date October 19, 2020".</p>	<p>1. Yes digital files are acceptable.</p> <p>2. No further questions will be entertained after the published deadline for clarifications.</p> <p>3. The Consultant are expected to be available for the time indicated in the consultants proposal</p> <p>4. CVs on non-key experts are not required.</p> <p>5. Consultants who meet the required criteria will achieve the maximum score.</p> <p>6. Tentatively we anticipate a start date of November 19th.</p> <p>7. The financial offer must include all necessary cost to implement this contract.</p> <p>8. This will be discussed with the successful company at contract negotiation.</p> <p>9. This is a lump sum contract to be paid on the achievement of deliverables.</p>

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	<p>7.- Please confirm that, for foreign enterprises, quarantine days expenses in Belize or Barbados, will be recognized.</p> <p>8.- Please consider if a 30% milestone at the signing of the contract can be added.</p> <p>9.- Please confirm that the project will be invoiced as a lump sum by delivery milestones, and that no supports of man hours and tickets of reimbursable expenses will be necessary for invoicing</p>	
15	<p>1.- Draft contract, clause 3 (Payment) letter B (Schedule of Payments) does not establish the days for accepting reports or deliverables and to submit invoices, please incorporate this period.</p> <p>2.- Annexes A, B, C and D mentioned in draft contract were not sent. Please submit such annexes.</p> <p>3.- Please clarify which type of insurances and covers do you expect, according to clause 11 of draft contract.</p> <p>4.- We suggest defining a limit for clause 14 of draft contract.</p>	<ol style="list-style-type: none"> 1. These periods will be established as part of the contract negotiations. The periods will be set in order to ensure that the consultancy is implemented within the required timeframe. 2. These annexes are only prepared following the selection of the successful company. 3. Insurance would relate to professional liability insurance, with a minimum coverage not to exceed the contractual amount; 4. To be discussed at contract negotiation stage with text such as "If the consultant fails to complete any Tasks of the Services by the date(s) outlined in Annex ..., and provided such delays are NOT occasioned by delays on the part of the Centre and the Beneficiary in fulfilling contingent obligations as outlined in Annex III, the Centre may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to two percent (2%) of the contract price for each week or part thereof of delayed until actual delivery or performance, up to a maximum deduction of ten percent (10%) of the contract price. Once the maximum is reached, the Centre may terminate the Contract pursuant to Clause 15 of this contract."