



Request for Proposals (RfP)

Call for Experts – Consultancy on Green-Gray Infrastructure

Conservation International (CI) Center for Oceans, Green-Gray Infrastructure Program

Issue Date: November 3, 2020

Closing Date: November 10, 2020

CI Contact:

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PART 1 – INSTRUCTIONS TO PROPOSERS AND PROPOSAL CONDITIONS

1.1. About Conservation International

Founded in 1987, Conservation International works to spotlight and secure the critical benefits that nature provides to humanity. Since our inception, we have helped to protect more than 6 million square kilometers of land and sea across more than 70 countries. Currently with more than 1,000 staff working through offices in 29 countries, and with 2,000 partner organizations worldwide, our reach is truly global. Our careful stewardship of contributions and our emphasis on programmatic impact have allowed us to consistently earn the highest ratings for efficiency, effectiveness, and transparency from watchdog groups such as Charity Navigator.

1.2. Summary of the Requirement

CI invites you to submit a Proposal for the “Consultancy on Green-Gray Infrastructure”. The detailed Terms of Reference can be found in Part 2 of this RfP.

1.3. The procurement process

The following key dates apply to this RfP:

RfP Issue Date	November 3, 2020
RfP Closing Date and Time	November 10, 2020
Estimated Contract Award Date	November 16, 2020
Estimated Start Date	November 30, 2020

PART 2 – THE REQUIREMENT

2.1 Background

[Green-gray infrastructure](#) combines conservation and/or restoration of ecosystems with the selective use of conventional engineering approaches to provide people with solutions that deliver climate change resilience and adaptation benefits. By blending “green” conservation and restoration with “gray” engineering techniques, communities can incorporate the benefits of both solutions while, through a hybrid approach, minimizing the limitations of using either individually. The green-gray infrastructure design approach can apply in coastal, freshwater, and terrestrial settings.

The [Global Green-Gray Infrastructure Community of Practice](#) is a CI led collaboration across the conservation, engineering, finance, and construction sectors to generate and scale these green-gray climate adaptation solutions. The Community of Practice has grown to over 60 member organizations spanning the globe, including AECOM, Bechtel, Deltares, Arup, Caterpillar, World Resources Institute, IUCN, TNC, RARE, and many academic partners. This multi-disciplinary community is addressing specific issues related to green-gray economics and finance, identifying case studies, and defining science-based engineering guidelines. **The Community of Practice is in the process of drafting and launching a *Practical Guide to Implementing Green-Gray Infrastructure* and CI seeks a consultant to join the project team and coordinate final publication of the guide.**

CI has also developed an innovative [Climate Smart Shrimp](#) model to access shrimp aquaculture as a sustained revenue stream for green-gray mangrove restoration initiatives. In 2021, we will construct a pilot of the model in Indonesia and identify barriers and opportunities to scale the model globally. **CI has also launched a project to develop strategies for climate smart production that increases in-land (freshwater) aquaculture production while minimizing negative impacts and restoring aquatic, coastal, and riparian ecosystems, and we seek a consultant with ArcGIS expertise to contribute to the scaling analysis of this model.**

2.2 Purpose of the consultancy

The selected consultant will contribute to two green-gray infrastructure work products: (1) the *Practical Guide to Implementing Green-Gray Infrastructure* document and (2) an analysis of potential impact of scaled restorative intensification in freshwater aquatic food systems.

2.4 Detailed ToRs

Task 1: Coordinate Production of a *Practical Guide to Implementing Green-Gray Infrastructure*

In collaboration with, and in support of the project team, the consultant will review, edit, and draft specific sub-sections of the green-gray guide. Specific input requested for (1) the Engineering Guidance chapter, to summarize the current state-of-knowledge and propose next steps to advance the development of green-gray engineering standards and (2) to summarize engineering data available for green-gray case studies.

Task 2. Mapping and Estimation of Benefits for Climate Smart Aquaculture in Freshwater Ecosystems.

In collaboration with, and in support of the project team, the consultant will (1) identify and retrieve GIS data sets necessary to map the global potential for restorative intensification across existing freshwater food systems, (2) contribute to the analysis of potential benefits and challenges of applying the approach at scale, (3) draft text to include in a peer-reviewed publication.

2.3 Final deliverables

In collaboration with the respective project teams, the consultant's efforts will result in publication of a:

1. Flagship ***Practical Guide to Implementing Green-Gray Infrastructure***, and a
2. Peer-reviewed article on ***Restorative intensification models for freshwater aquatic food systems***

2.5 Timeline

Task 1. To be complete by 12/31/20

Task 2. To be complete by 6/30/21

2.6 Qualifications

The consultant shall have the following qualifications:

- Advanced qualification or equivalent experience in environmental or related engineering
- 3-5 years of relevant work experience.
- Proven ability to work well independently and coordinate with teams remotely.
- Experience working in less developed countries.
- Outstanding written and spoken communication skills.
- Knowledge and experience on environmental issues, particularly on nature-based solutions, climate change mitigation and adaptation strategies;
- Excellent analytical and research skills,
- Strong interpersonal skills are essential, capacity to develop partnerships with a wide range of stakeholders;
- Mastery of computer tools: ArcGIS, Microsoft Word, Excel, PowerPoint and other as applicable
- Advanced written and verbal proficiency in English; fluency in written and spoken Spanish, French or Portuguese highly preferred.

PART 3 – OTHER INFORMATION

3.1 Consultancy duration

The consultancy is expected to start asap and to be completed no later than June 30, 2021.

3.2 Contract value

This assignment has a maximum budget of \$10,000 USD.

Task 1. Not to exceed \$5,000 USD

Task 2. Not to exceed \$5,000 USD

3.3 Terms of payment

Payment will be based on service provision and is subject to the prior production of an original invoice; advance payment can generally not be granted. Mission costs will be covered directly based on the travel request form to be completed by the contractor before the mission and travel expense claim to be submitted along with supporting documents no later than 5 days after the mission. The consultant is required to comply with our procedures for assignments. We reserve the right to not accept expenditure beyond the agreed budget or whose supporting documentation is not in accordance with our procedures, and to suspend payments in the absence of appropriate deliverables.

3.4 Application procedure

Interested experts are invited to submit a proposal to Emily Corwin by email ecorwin@conservation.org; by November 10, 2020, 23:59pm PST time, including:

- Curriculum Vitae of the consultant indicating experience relevant to the subject of this assignment with professional references and area of specialization;
- Letter of motivation (including demonstration of an excellent understanding of the assignment's purpose and aims);
- Writing sample; and
- Financial offer (budget broken down by major activities, specifying the number of days and daily fee of consultant, and detailing taxes or exemption thereof).