



GOVERNMENT OF PUERTO RICO





Department of Natural and Environmental Resources

REQUEST FOR PROPOSAL (RFP)







GREEN/ NATURE-BASED INFRASTRUCTURE PROJECTS

The Department of Natural and Environmental Resources (DNER) through the Puerto Rico Coastal Zone Management Program (PRCZMP) is seeking applicants to develop and implement **Community-based green (nature-based) infrastructure projects** to reduce climate related risks and build resilience at the local level. Proposals may involve the creation of new green infrastructure or may add components to existing infrastructure projects.

Community-based green infrastructure projects should incorporate elements of the natural environment to benefits and support resilient communities. Green infrastructure practices include: site-specific management practices to watershed-scale techniques. See below examples of green infrastructure practices:

Maintaining and Acquiring Natural and Open Lands Scale: landscape, watershed, community, shoreline Examples: land acquisition, conservation easements, establishing parks and greenways	
Forestry Practices Scale: landscape, watershed, community Examples: urban forestry, street trees, yard trees	
Green Streets Scale: community Examples: narrower streets, bio-swales, rain gardens	
Bioretention Scale: community, site Examples: rain gardens, bio-swales, stormwater planters	



<p>Green or Blue Roofs</p> <p>Scale: community, site</p> <p>Examples: intensive or extensive green roofs, cisterns, roof drain disconnection (over)</p>	
<p>Permeable Pavements</p> <p>Scale: community, site</p> <p>Examples: permeable concrete and asphalt, paver blocks, gravel and grass pave systems</p>	
<p>Dune or Beach Creation and Protection</p> <p>Scales: shore</p> <p>Examples: beach nourishment, dune creation, dune revegetation</p>	
<p>Salt Marsh and Tidal Wetlands Protection and Restoration</p> <p>Scale: shore</p> <p>Examples: salt and tidal marsh preservation and restoration, submerged aquatic vegetation preservation</p>	
<p>Oyster and Coral Reef Protection and Restoration</p> <p>Scale: shore</p> <p>Examples: protection of existing reefs, establishment of oyster reefs</p>	
<p>Hybrid Practices</p> <p>Scale: shore</p> <p>Examples: coupling hard infrastructure with natural systems such as a rock sill or breakwater with marsh grasses behind. Particularly useful in higher energy environments</p>	

Source: Modified from NOAA, Office for Coastal Management Digital Coast (<https://coast.noaa.gov/digitalcoast/training/gi-practices-and-benefits.html>)

Special consideration will be given to the following types of projects:

- Those that specify how the project will help to reduce climate related- risks, in coastal communities.
- Those that involve the measurement of volume and/or pollutant loads from stormwater effluent from green infrastructure BMPs to demonstrate run-off reduction capacity and /or pollutant removal efficiency.
- Those that emphasize green infrastructure training and stakeholders and community involvement.

Green Project Tasks:

- Develop Community-based green infrastructure project demonstration workplan.
- Complete the Coastal Zone Management Act (CZMA) [306-A checklist](#) and must comply with federal and commonwealth laws and regulatory as applicable like: [Puerto Rico Environmental Public Policy Law](#), [National Environmental Policy Act \(NEPA\)](#), Regulation 4860, Regulation for the Management of Vulnerable and Endangered Species in the Commonwealth of Puerto Rico, among other.
- Complete Green Infrastructure Workshops with stakeholders and community members.
- Implement a Community-based green-nature infrastructure project.
- Submit quarterly progress reports
- Submit a final report summarizing the following:
 - Methodology used to design and implement the project
 - Data summary and findings (if applicable)
 - Lessons learned over the course of the project
 - Recommendations for future or follow-up work

Proposal content: The proposal should not exceed 15 pages in length. Pages in excess of 15 will not be reviewed. The proposal should address the following items in a concise and yet complete manner and offer all the necessary information for the evaluation the proposal:

(1) Title page.

- Project title
- Project locations(s)
- Project team/Project team organization – include name, title, affiliations and contact information of the project leader and key personnel.
- Project Cost
- Abstract- describe briefly the project being proposed, and any important details.

(2) Proposal Narrative:

- **Goals and Objectives**
- **Methodology**- outline project design and describe tasks that will be completed to meet the project objectives
- **Site description**- provide a description of the site selected and justification for choosing this site. Include map(s) of the project area(s) and site photographs.
- **Roles and Responsibilities**- define the roles and responsibilities of all project participants

- **Relevant Experience**-briefly describe relevant experience of the project leader and partners.
- **Outputs, Outcomes, and Evaluation**- specify the expected products and results that will be produced over the course of the project. Discuss the methods to evaluate the effectiveness and success of the project.
- **Project Schedule** - detailed timeline, milestones and/or specific activities of the project.
- **Project Budget** – matching funds are encouraged, but not required.

Target areas: Proposed project (s) should be located within the coastal zone of Puerto Rico.

[Coastal zone land boundary:](#)



Eligibility: Local governments and small not for profit or non- governmental organizations can submit proposals. Meet Puerto Rico government eligibility for professional services contracts.

Available funding: \$60,000

Estimated Timeframe: June 2019 through March 2020

Submittal: All proposals must be received by 4:00pm EST on Monday March 25, 2019.

Applicants should submit both an electronic and hardcopy of their proposal as follows:

- Digital- pdf or *Microsoft Word* documents. Could be sent at pmzc@drna.pr.gov
- Hard copy- Two hardcopies should be delivered to:

Ernesto Díaz
Department of Natural and Environment Resources
Coastal Zone Management Program
Edificio Cruz A. Matos

**Carr. 8838 km 6.3 El Cinco
Río Piedras, PR 00936**

Proposal Evaluation Process: Proposals that meet all the requirements of this RFP, will be evaluated by a review team of the PRCZMP. Proposals will be evaluated on the applicant's demonstrated ability to construct green infrastructure practices. Evaluating the effectiveness of the constructed practices and partners involved will also weigh heavily. The criteria that will be used to evaluate the Proposals will be:

- a. Comprehensiveness of the proposal.
- b. Individual or firm's experience and history of performance on similar projects, regarding such factors as quality of work, cost control, and ability to meet schedule.
- c. Adequacy of technical staff, as demonstrated by experience, education, and potential project role.
- d. Firm or individual understands of the services required by the Program.
- e. Proposed costs.
- f. Organization and scheduling of the project requirements.
- g. Knowledge and ability to comply with federal procurement standards and grant regulations.
- h. Professional quality of the Project Proposal: conciseness, clarity, and thoroughness of presentation.
- i. Project manager accessibility.
- j. Ability to complete project in a short period of time.

Consultant Selection Notification: DNER-PRCZMP will notify the selection of the consultant not later than April 1, 2019.

Other Special Conditions:

- This RFP does not commit the PRCZMP to award a contract, to defray any costs incurred in the preparation of a Proposal pursuant to this RFP, or to procure or contract for work.
- All Proposals submitted in response to this RFP will become property of the PRCZMP and will be public records, and as such they may be subjected to public review.
- The PRCZMP, at its sole discretion, reserves the right to cancel this RFP for any or no reason, in part or in its entirety, including but not limited to: selection schedule, submittal date, and submittal requirements. If the PRCZMP cancels or revises the RFP, all potential Contractors will received notification letter advising the cancelation or revision of the RFP.

- The PRCZMP reserves the right to request additional information and/or clarifications from any or all potential Contractors participating in this RFP.
- Announcement of the selected contractor, contract awards, and all data provided by the PRCZMP shall be protected from public disclosure. Consultants desiring to release information to the public must receive prior written approval from the PRCZMP. The PRCZMP, at its sole discretion, shall determine the release and disclosure of information related to this RFP and any final work products as a result of this.
- It will be required that, the selected Contractor signs a contract for Professional Services.