RESILIENCE
AUTHORITY
Annapolis and Anne Arundel County

Request for Proposals

Jonas and Anne Catharine Green Park Coastal Resilience Project

2001 Baltimore Annapolis Blvd, Annapolis, MD 21409

Released APRIL 2, 2025 ~ **Proposals Due APRIL 25, 2025**

IN PARTNERSHIP WITH ANNE ARUNDEL COUNTY, THE RESILIENCE AUTHORITY OF ANNAPOLIS AND ANNE ARUNDEL COUNTY REQUEST FOR PROPOSALS TO PROVIDE PROFESSIONAL ENGINEERING, TECHNICAL AND CONSTRUCTION SERVICES FOR THE JONAS AND ANNE CATHARINE GREEN PARK COASTAL RESILIENCE PROJECT

PROPOSALS DUE by 5:00 PM (EST) April 25, 2025

ORGANIZATIONAL INFORMATION:

Name: The Resilience Authority of Annapolis and Anne Arundel County
Address: Arundel Center at 44 Calvert Street, Annapolis, Maryland 21401
Contact Person(s): Gabe Cohee, Director of Programs
Phone: (410) 456.0880 **Email**: gabe.cohee@aacounty.org

Summary Statement: Through this RFP, the Resilience Authority is seeking proposals for the revitalization and restoration of the Jonas and Anne Catharine Green Park. The park is nestled beneath the shadow of the United States Naval Academy Bridge on MD RT 450 just outside the City of Annapolis, Maryland. This opportunity seeks proposals to build up the park's resiliency to sea level rise and other climate and weather-related impacts using nature-based design, with intentional focus on the park's current and future use and programming. Proposals should demonstrate a deep understanding of coastal ecosystems and include plans for a sustainable shoreline restoration and park featuring a robust tidal ecosystem that will dissipate wave energy, stabilize the existing shoreline and support a mosaic of estuarine habitats, including tidal marsh, upland wetland, beach strand, and submerged aquatic vegetation habitat. The benefits of implementing this project will be to enhance and restore the existing beach, shallow water habitat, and reclaim wetlands while protecting and improving the walking paths along the shoreline. We strongly encourage submissions from teams that reflect the diverse fabric of our community, ensuring a range of perspectives in this transformative project. Join us in crafting a future that respects our past, embraces our present, and safeguards our coastal treasures for generations to come.

1. Statement of Purpose:

1.1. The Resilience Authority of Annapolis and Anne Arundel County (Resilience Authority) seeks to obtain priced proposals from qualified engineering/consulting firms with relevant experience in coastal engineering, design, and construction for Jonas and Catharine Green Park.

1.2. This project will require demonstrated expertise in coastal resilience design and construction for shoreline, marsh and near-shore coastal areas of the Jonas and Anne Catharine Green Park area.

1.3. Organizations are advised that the Resilience Authority will not pay for any information or administrative costs incurred in response to this RFP. All costs associated with responding to this RFP will be solely at the organization's expense.

2. Background:

2.1. In July 2021 Anne Arundel County and Annapolis, MD passed legislation to establish the Country's first multi-jurisdictional climate resilience financing authority. The Resilience Authority of Annapolis and Anne Arundel County will finance projects that support resilience efforts within the County and the City.

2.2. The Authority's investments and activities will support those projects that directly mitigate climate threats including sea level rise, storm events, and excessive heat, among others.

2.3. Named for colonial era Annapolis residents and Maryland's public printer Jonas Green and his wife Anne Catharine, this tiny park boasts expansive views of the Severn River, fishing from the shore and remains of the old bridge, a place for picnics, quiet interludes, kayaking, canoeing, hiking and bicycling. The park serves as the headquarters for the Anne Arundel County Trail System and is part of the East Coast Greenway, a national trail stretching from Maine to Florida.

3. Proposed Solutions and Approach:

3.1. The first step towards this vision will be to address the threat of sea-level rise on the park and restore upland coastal habitat and wetlands on this parcel. This project will serve as a demonstration site for natural and nature-based solutions for enhancing resilience to sea level rise, flooding, and coastal storms.

3.2. Through natural and nature-based design and construction techniques, the site will become a robust tidal interface that employs the energies found in tidewater, rather than armor against them. In doing so, the project seeks to reestablish critical tidal and non-tidal habitats that provide both resilience to large storm events and also significant water quality and habitat benefits.

3.3. Climate resilient features and approaches will be included to ensure that the project is regenerative and able to recover or readjust following high-tide events and natural disturbance from extreme weather and climate-related events. Examples of dynamic design features that add

resilience to shorelines include breakwaters and headlands that incorporate sand and cobble to encourage growth of tidal marsh.

3.4. The design will integrate the most current sea level rise projections (2018 Maryland State Sea Level Rise projections) into the design. Consideration of opportunities for the use of local dredged materials should be explored and the project will be designed to provide water access and enhance wildlife habitat to the greatest extent possible. The resulting design specifications and permits will support construction of natural and nature-based restoration practices.

4. Objectives and Responsibilities :

4.1. The objectives of this project are to design and construct a shoreline restoration project to provide long-term protection for Jonas and Anne Catharine Green Park; restores and protects the beach; showcases natural and nature-based solutions for shoreline protection, provides habitat for coastal species and expands and enhances current and future park use and recreational programming.

4.2. The Jonas and Anne Catharine Green Park Project Team consists of the Resilience Authority and Anne Arundel County Recreation and Parks. The Resilience Authority will serve as project manager, coordinate between all project partners, and contract with an experienced construction and engineering firm who will prepare the project design, lead the permit application process and provide construction services. The Anne Arundel County Recreation and Parks is the property owner and park operator and will assist with the design review and community outreach.

5. Deliverables:

5.1. Deliverables will include: A design and construction plan set suitable for permitting; an engineering cost estimate based on the design; and all required federal, state and local permits.

5.2. Local hydrological and hydraulic modeling may need to be accomplished for the selected project design and is the responsibility of the applicant.

5.3. The final deliverables should include a brief synopsis of any modeling performed. The final deliverables should also include a project impact table and a narrative addressing climate resilience components.

6. Experience:

6.1. Firms submitting bids should have experience associated with planning, design and construction of coastal features for resilience, public access and habitat enhancement. The firm selected should have experience in:

6.1.1. Coastal shoreline and marsh stabilization projects with a specific application for resilience related to storms, climate changes and predicted inundation scenarios.

6.1.2. Developing engineering estimates of probable costs for construction.

6.1.3. Coastal flood models, climate models, sea level rise predictive tools, hydrology, hydraulics, sediment flow patterns, sediment deposition and erosion characteristics, geotechnical investigations, GIS assessments and management of data for historic and future shoreline conditions.

6.1.4. Public parks, trails and recreation facilities

7. Requirements:

7.1. All firms should be familiar with the relevant laws, codes, approvals, permits and regulatory requirements of all federal jurisdictions and authorities, as well as the State of Maryland and Anne Arundel County.

7.2. The consultant(s) selected will work under the direction of the Resilience Authority. All firms shall have a registered professional engineer licensed in the State of Maryland. Firms should also demonstrate that they have multidimensional service capacity including coastal design and modeling, Geographic Information Services (GIS) expertise, and experience in construction in coastal environments.

8. Considerations and Cancellations:

8.1. The Resilience Authority reserves the right to accept or reject proposals based on the assessments of materials submitted and how best they meet the ranking criteria as listed below in the request for proposals (RFP).

8.2. The Resilience Authority reserves the right to select the best and most responsive firm based on similar project experience and budget. Selection of the best qualified firm does not imply or guarantee that any contract will be awarded.

8.3. The Resilience Authority also reserves the right to re-advertise this RFP if proposals submitted do not meet the criteria for the project scope.

8.4. The Resilience Authority is an equal opportunity employer. As such, its programs, activities, and employment opportunities are available to all people regardless of race, color, religion, sex, age, disability, national origin or political affiliation.

8.5. Construction of the project will only occur as funds are available.

INSTRUCTIONS FOR SUBMITTING THE PROPOSALS FOR THE JONAS AND ANNE CATHARINE GREEN PARK COASTAL RESILIENCE PROJECT

Proposal Requirements

1. **GENERAL:** This Request for Proposals (RFP) invites qualified contractors to submit qualifications, experience and a priced proposal for the specific services described in this RFP. Identify the general experience and qualifications of the firm in conducting similar coastal vulnerability assessments and specific projects designed to provide restoration opportunities for future resilience to a changing climate.

    1.1. Identify how your firm would undertake this project, including knowledge and experience with Geographic Information Systems, climate and weather data and models, and how these tools would be used to assess current and future climate vulnerabilities and how a plan for a more resilient Jonas and Anne Catharine Green Park might be accomplished.

    1.2. Identify and provide a resume for all relevant personnel that would be involved in the plan, design and construction of this project.

2. **PREPARATION OF THE RFP RESPONSE:** The preparation of the RFP Response shall be at the expense of the prospective consultant. It is the sole responsibility of the prospective consultants to fully examine the RFP criteria and referenced documents. Questions shall be addressed to Gabe Cohee via email to gabe.cohee@aacounty.org. All such questions will be responded to in the form of written addenda to the RFP and these addenda will be electronically available to all parties.

3. **RFP RESPONSE FORMAT:** Proposals should be prepared simply, providing a straightforward description of the prospective consultants ability, experience and qualifications to plan, design and construct the project. Emphasis should be on completeness and clarity for contents. The Resilience Authority assumes no responsibility and no liability for costs incurred relevant to the preparation and submission of the RFP by prospective consultants, or any other costs prior to issuance of a contract.

    3.1. The Resilience Authority may reject any RFP Responses that do not meet these requirements.

    3.2. Content of the RFP shall not exceed ten (10) pages.

4. **RFP RESPONSE CONTENTS:** The perspective contractor's RFP Response shall contain the following information under the indicated headings:

4.1. *Letter of Transmittal:* The prospective contractor's response shall include a letter of transmittal not to exceed one (1) page, signed by an individual(s) authorized to represent the prospective firm contractually. The transmittal letter shall include the name, title, address, telephone number and email of one or more individuals who can respond to requests for additional information and of one or more individuals who are authorized to negotiate and execute a contract on the prospective firm's behalf, if applicable.

4.2. *Approach and Methodology:* Should be no more than ten (10) pages in length. The proposal must describe the prospective contractor's general understanding of the project and the key issues associated with performing the required consulting services in the specific disciplines involved. Please provide a detailed description of the approach to the project, including key tasks.

4.3. *Budget and Schedule:* Provide a project schedule and design and construction services costs in the formats provided in Attachment A.

4.4. *Recent Projects and References:* Please provide a detailed description of the history, experience and qualifications (include the relevant technical and functional expertise and experience) of individual/firm and any proposed subcontractors to perform the Scope of Services. Please provide:

- 4.4.1. Resumes of all principals assigned to the project;
- 4.4.2. A brief description of 3-5 similar projects, with a minimum of three years' experience.
- 4.4.3. A list of references, with contact information of the Client.
- 4.4.4. Very clear photos of the completed projects.
- 4.4.5. Proof of Insurance. Insurance must cover the project and all parties related to the project.

4.5. *Ability to Perform:*

- 4.5.1. Provide a description of how your firm will strive to maintain positive working relationships with the relevant environmental agencies associated with this project.
- 4.5.2. Describe any experience your firm has working with local regulatory bodies / agencies relevant to this project.
- 4.5.3. Provide the total number of personnel in your firm that has environmental consulting services experience in the coastal/shoreline restoration industry.
- 4.5.4. Explain how your firm can assist, if necessary, in managing community relationships and public communications.
- 4.5.5. A list of references, with contact information of the agencies/community.

4.6. *Concept Plan:* All proposals shall include a concept plan of the proposed design approach at the project site. Concept plans can be submitted on 11' x 17' paper.

5. **SELECTION PROCESS:** The contractor selected will enter into a contract with the Resilience Authority for the completion of all work necessary to meet the requirements outlined in the scope of services. The selection of the firm will be based upon the professional qualifications, past performance records in similar projects, the content of the proposal and consideration of the Project Team's overall needs in terms of the project as well as the ability to provide construction ready designs within the deadline required by the contract and the ability to work with the Project Team and permitting agencies.

6. **SUBMISSION OF RFP RESPONSES:** Please provide one PDF electronic version of your RFP response by 5 pm EST on April 25th, 2025. Please email the electronic version to resilienceauthority@aacounty.org. Resilience Authority Staff will be available for questions and answers and a site visit may be arranged depending on interest. The submitted proposals shall be concise, not to exceed 10 pages, 8.5' X 11" format. The 10-page limit does not include the cover page, transmittal letter, photos, design, maps or resumes.

6.1. Respondents are reminded that it shall be the responsibility of the Engineering/Consulting firm to be current with any professional registration or certification as required by Maryland law. The Professional Engineer for this work must have related experience in shoreline and coastal management engineering and must be registered in the State of Maryland.

7. **PROJECTED SCHEDULE OF EVENTS**

Event and Action	**To Be Completed By**
Request for Proposal Released	April 2, 2025
Pre-submission conference/site visit	April 10, 2025
Deadline for submitting questions	April 15, 2025
Proposal Due Date	April 25, 2025
Bid Selection	May 9, 2025
Contract Executed	by May 30, 2025

ATTACHMENT A:

SCHEDULE OF THE MAJOR ACTIVITIES AND BUDGET FORMAT

Activity Description	Associated Deliverables	Responsible Parties	Completion Month and Year

Category	Est. Cost	Total
Design, Permit Acquisition & Baseline Monitoring	$0.00	$0.00
Pre-Construction, Construction and Post Construction	$0.00	$0.00
Monitoring and Maintenance for Adaptive Management	$0.00	$0.00
Other	$0.00	$0.00
Total	$0.00	$0.00

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