

RHODE ISLAND ASSOCIATION OF CONSERVATION DISTRICTS (RIACD)

REQUEST FOR PROPOSALS

Design of Main Street and Slater Mill Dam Fish Passages

Pawtucket, RI

The Rhode Island Association of Conservation Districts (RIACD) requests proposals from qualified Design Contactor (DC) Teams to accomplish design, regulatory compliance and permitting for the installation of fish passage measures at the Main Street Dam and Slater Mill Dam in Pawtucket, RI. All Architect-Engineering (A-E) Services required in this Request for Proposals (RFP) shall be performed by licensed A-Es registered in the State of Rhode Island.

Objective: Fish passage restoration is essential to reestablishing connectivity along the Blackstone River. The ability of fish and other aquatic organisms to move freely up and down the Blackstone River enhances the diversity and sustainability of the Blackstone River Watershed. The objective of this project is to prepare design and construction documents that will lead to the construction of aquatic organism passages at both Main Street Dam and Slater Mill Dam sites.

Location: The Main Street Dam is located at the Main Street Bridge, which spans the Blackstone River at Pawtucket Falls in Pawtucket, RI. The Slater Mill Dam is located 400 feet upstream of the Main Street Dam and is immediately adjacent to the Slater Mill historic site in Pawtucket, RI.

Deliverables: Design development documents for the aquatic organism passages shall consist of aquatic organism passage substantiating computations, survey data, sediment and soil testing, hydraulic analysis, geotechnical and structural analysis investigation reports, and an engineer's opinion of probable construction cost. Construction documents shall consist of stamped construction plans and specifications, stamped as-built drawings, a Quality Assurance Plan (QAP), a Quality Control Plan (QCP), and an Operation & Maintenance (O&M) Plan. Target species for aquatic organism passage include salmon, herring, shad, and eel. Methods of achieving aquatic organism passage include traditional methods such as denil ladder, eel way, alaskan steep pass, pool and weir, nature like fishway structures, *as well as* innovative and ingenuitive methods. Design deliverables shall meet the standards, specifications, and procedures of the United States Department of Agriculture – Natural Resources Conservation Service (USDA-NRCS) and the United States Fish and Wildlife Service (USFWS). The selected contractor will be provided research data acquired by NRCS for the completion of the outlined deliverables.

Construction services will be solicited at a later time if and when a constructible project is advanced.

Funding Limitations: The DC Team is responsible for providing all design and construction documents required for the final total lump-sum firm-fixed amounts negotiated with RIACD. The total funding for this phase of design services is estimated to be \$250,000. It should be noted

that the future construction and management of the project is currently budgeted between \$3,300,000 and \$4,000,000.

Schedule: The work of this RFP must be completed in accordance with the following schedule:

Alternatives Analysis:

Complete Alternatives Analysis submitted not later than 4/1/2019

Design Development Documents:

Design Development Documents submitted no later than 5/1/2019.

Draft Construction Documents:

Draft Construction Documents submitted no later than 6/1/2019.

Complete Stamped and Signed Construction Documents:

Complete Stamped and Signed Construction Documents submitted no later than 7/1/2019.

All Design Development Documents and Construction Documents shall be submitted to the RIACD.

Project Meetings: After the award of the contract, RIACD will arrange a pre-design meeting with the DC Team, the Rhode Island Department of Environmental Management (RIDEM), The Nature Conservancy (TNC), and United States Department of Agriculture – Natural Resources Conservation Service (USDA-NRCS)

Progress Payments:

Design Phase: Progress payments during the design phase of the work will be based on submission, review, and acceptance of design deliverables by RIACD.

Payment: All payments to successful candidates will be made through assignment of payment directly from the Federal Government and State of Rhode Island Department of Environmental Management via electronic funds transfer. SAMS registration is required.

Required Submittal Package Requirements and Criteria for Consideration:

Selection of the DC Team for this project will follow a value-based process that includes an evaluation of technical qualifications, schedule adherence, viability of construction, and price as presented in a submittal package. A complete submittal package consists of the following components:

- Part A: Introduction – A brief history and description of the firm providing A-E services. The name and registration number of the principal(s) or officers(s), properly registered with the Rhode Island Board of Registration for Professional Engineers and Surveyors at the time of submittal, who will be responsible for the design work included in this contract.
- Part B: Project Approach – Selected method of achieving aquatic organism passage e.g. denil ladders and eel ways. A general approach to accomplish or exceed the design documents, construction documents, and construction services outlined in the Deliverables section of this RFP. A general critical path method schedule with key milestones identified for meeting or exceeding the overall completion date outlined in the Schedule section of this RFP.
- Part C: DC Team Personnel – Describe DC Team key staff experience as it relates to carrying out the proposed project. Identify and provide resumes for the following key staff as well as any other pertinent members of the DC Team.
 - DC Team Project Manager – Ultimately responsible for the DC Team’s performance. Handles contractual matters.
 - DC Team Design Project Manager – Actively manages the overall design of the project.
- Part D: DC Team Capabilities – Provide specific information as it relates to previous design project experience. Provide a synopsis of 3 (minimum) comparable projects completed by or under the supervision of the DC Team Designer Project Manager identified in Part C of this section.
- Part E: Price Proposal: Provide a price proposal for the deliverance of following deliverables in dollars and cents as described in the Deliverables section of this RFP.
 - Design Development documents
 - Construction Documents

*Questions regarding this RFP must be submitted to Gina DeMarco, Project Coordinator, at gdemarco.nricd@gmail.com. Sealed submittal packages must be submitted with ATTN to Gina DeMarco to the RIACD office no later than 2:00 p.m. EST on Friday, January 4, 2019. At that time submitted packages will be publicly opened, price proposals read, and the apparent low bidder(s) announced. The RIACD is located at 2283 Hartford Avenue, Johnston, RI. **A required project meeting will be held on Thursday, December 20, 2018 at 10 AM at the USDA-NRCS State Office Conference Room at 60 Quaker Lane, Warwick, RI 02886.***

Gina DeMarco
 Project Coordinator
 Rhode Island Association of Conservation Districts (RIACD)
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