

Rhode Island Association of Conservation Districts

2283 Hartford Avenue

Johnston, RI 02919

401-934-0840

RHODE ISLAND ASSOCIATION OF CONSERVATION DISTRICTS (RIACD)

REQUEST FOR PROPOSALS

Design-Build for Main Street and Slater Mill Dam Fish Passages

Pawtucket, RI

The Rhode Island Association of Conservation Districts (RIACD) requests proposals from qualified Design-Build Contactor (DBC) Teams to accomplish design, regulatory compliance and permitting, construction and oversight of 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 objectives of this project are to: 1) Prepare design and construction documents and 2) Implement 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, and geotechnical and structural analysis investigation reports. 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. Construction services shall include all construction services necessary to construct aquatic organism passage measures at the Main Street and Slater Mill Dam locations and execution of the developed QAP and QCP. Target species for aquatic organism passage include salmon, herring, shad, and eel. Methods of achieving aquatic organism passage practices are limited to denil ladder, eel way, alaskan steep pass, pool and weir, and nature like fishway structures. 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.

Funding Limitations: The DBC Team is responsible for providing all design and construction services required for the final total lump-sum firm-fixed amounts negotiated with RIACD. The total contract amount for all design and construction services is estimated to be between \$3,300,000 and \$4,300,000.

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

Design Build (DB) Design Development Documents:

DB Design Development Documents submitted no later than 4/1/2019.

DB Draft Construction Documents:

Draft DB Construction Documents submitted no later than 5/1/2019.

Complete Stamped and Signed DB Construction Documents:

Complete Stamped and Signed DB Construction Documents submitted no later than 6/1/2019.

Construction:

Construction completed no later than 12/31/2020.

As-Constructed Drawings:

As-Constructed Drawings submitted no later than 60 calendar days after project completion.

All DB Design Development Documents, DB Construction Documents, and As-Constructed Drawings shall be submitted to the RIACD.

Project Meetings: After the award of the contract, RIACD will arrange a pre-design meeting with the DBC Team, the Rhode Island Department of Environmental Management (RIDEM), The Nature Conservancy (TNC), and NRCS. After DB construction documents are approved, and prior to the start of construction, RIACD will arrange an on-site preconstruction meeting with the DBC Team, RIDEM, and NRCS. The DBC Team shall participate in monthly progress meetings with RIACD, RIDEM, and NRCS to update them on the project progress.

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.

Construction Phase: Progress payments during construction will be based on the percentage of work completed as accepted by RIACD. Actual construction completed and in place will form the basis for payment.

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 DBC Team for this project will follow a value based process that includes an evaluation of technical qualifications, project duration, 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 officer(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: DBC Team Personnel – Describe DBC 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 well as any other pertinent members of the DBC Team.
 - DBC Team Project Manager – Ultimately responsible for the DBC Team’s performance. Handles contractual matters.
 - DBC Team Design Project Manager – Actively manages the overall design of the project.
 - DBC Team Construction Engineer – Actively manages the overall construction of the project.

- Part D: DBC Team Capabilities – Provide specific information as it relates to previous design-build project experience. Provide a synopsis of 3 (minimum) comparable projects completed by or under the supervision of the DBC Team Designer Project Manager identified in Part C of this section. Provide a synopsis of 3 (minimum) comparable projects constructed by the planned construction contractor. For each project identified, please state whether the project was completed on or ahead of schedule and at or below budget.
- Part E: Price Proposal: Provide a price proposal for the deliverance of following deliverables as described in the Deliverables section of this RFP.
 - Design Development documents
 - Construction Documents
 - Construction Services

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 Tuesday, November 20, 2018. 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 site visit will be held on Thursday, November 8, 2018 at 10 AM at the Main Street Dam, Pawtucket, RI.

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