

CITY OF WARWICK
DEPARTMENT OF PUBLIC WORKS

REQUEST FOR PROPOSAL (RFP)
PROFESSIONAL CONSULTING SERVICES

BUCKEYE BROOK BATHYMETRIC STUDY AND
REMEDIAL ACTION PLAN

ARTICLE 1: PROBLEM / NEED TO BE ADDRESSED

In recent years, based on various observations, it has become apparent that portions of Buckeye Brook have become constricted with vegetation and sediment. The purpose of this RFP is to hire a consultant to assist the City with conducting a bathymetric study of Buckeye Brook for the purpose of developing a remedial action plan (Plan) to reestablish the natural streambed.

ARTICLE 2: INSTRUCTIONS AND NOTIFICATIONS TO PROPOSERS

2.1 Responsibility of Proposer

It is the responsibility of the proposer to examine all specifications and conditions thoroughly and fully comply with all specifications, terms and conditions. Proposers must comply with all Federal, State and local laws and meet any and all engineering licensing requirements of the State of Rhode Island. Failure to do so may result in rejection of the proposal.

2.2 Costs

All costs associated with developing or submitting a proposal in response to the RFP shall be borne by the proposer.

2.3 Pricing

All pricing submitted will be considered firm and fixed.

2.4 Primary Consultant

It is intended that an award pursuant to this RFP will be made to a prime consultant/engineer who will assume responsibility for all aspects of the Work as outlined in Article 3 below. Joint ventures and cooperative proposals will not be considered; however, subcontracts are permitted provided that their utilization is clearly indicated in the consultant/engineer's proposal and the subcontractor(s) proposed to be utilized are identified in the RFP.

2.5 Public Records

All materials submitted to the City of Warwick for consideration in response to this RFP shall be considered to be public records as defined in the State law and may be released for inspection once an award has been made.

ARTICLE 3: CONCEPT OF PROPOSAL AND WORK TO BE PERFORMED

3.1 Background

Buckeye Brook originates in Warwick Pond and flow southeast, going under Warwick Avenue, before continuing easterly to Narragansett Bay. The brook takes its name from buckeyes (BUCK' – ees), the anadromous alewife and blue-back herring that make their annual spring spawning run up the brook.

The study limits of this RFP are from Warwick Pond to where the brook goes under Warwick

Avenue, as depicted on the attached figure.

3.2 Overview of Work to be Performed

The City of Warwick is seeking proposals from qualified consultant / engineering firms experienced in performing bathymetric studies and stream remediation.

In recent years, based on various observations, it has become apparent that portions of Buckeye Brook have become constricted with vegetation and sediment. The purpose of this RFP is to hire a consultant to conduct a bathymetric study of Buckeye Brook, for the purpose of determining the natural stream configuration (width and depth) and develop a Plan to reestablish the natural streambed.

ARTICLE 4: RFP - SCOPE OF WORK

4.1 General:

The Proposer is required to review existing documentation and expand on this Scope of Work in order to provide its specific approach to the project and demonstrate a full range of services to be provided. Proposers shall be responsible to respond to all requirements of the Request for Proposal.

The successful proposer shall be responsible for research; field work, project coordination (Rhode Island Airport Corporation (RIAC), RIDEM, City, etc.); and scope of work determination for the purpose of acquiring all necessary permits required to reestablish the natural streambed.

4.2 Schedule

The City will award this work as soon as possible.

4.3 Design Standards

The Scope of Work section should be considered as an outline of the minimum standards. Consultants/engineers may modify and should expand on this as necessary to demonstrate the full range of services to be provided. The requirements referenced herein should be considered as minimum for the successful proposes.

4.3.1 Base Plans

Prepare base plans utilizing available aerial photography not older than 2014.

4.3.2 Field Survey

Coordinate with property abutters and conduct field surveys within the areas of the brook, as necessary.

- Identify the elevation and location of the natural streambed. RFPs shall specify the

- study interval between cross-sections
- Identify the depth of sediment at each cross section
- Identify the areas of invasive plants and removal requirements, as necessary
- Identify any other components that may be constricting flow through the brook
- Identify access points for performing work within the wetland
- Develop a Plan for reestablishing the Buckeye Brook streambed, including, but not limited to sediment removal and disposal and vegetation removal and disposal.

4.3.3 Permitting and Regulatory Coordination

The Plan for reestablishing the natural stream and the bathymetric study will be used and supporting documentation as part of a RIDEM Wetland Permit. The wetlands permit will allow the City to conduct work within the wetland to reestablish the natural stream configuration. Coordination with RIDEM during the project will be required to verify that the proposed Plan is amenable to RIDEM, specifically the wetland permitting group.

4.3.4 Meetings

Meet with the City, RIDEM, RIAC and/or any appropriate agency during development of the Plan to ensure all aspects of the project are incorporated into the above-referenced permitting package. The cost proposal of RFP shall include any meetings associated with this project.

4.3.5 Documents

Prepare bathymetric investigation reports, including plans and cross sections of the brook, locations and amounts of sediment to be removed, locations and quantities of invasive vegetation to be removed, and any other relevant information pertaining to the original configuration of the streambed.

Provide a Plan for the removal of sediment and invasive species as necessary to meet RIDEM permitting requirements to the extent that it may be attached to the permit application and be used as a template for developing bid documents to conduct the actual work.

ARTICLE 5: QUALIFICATIONS

All work shall be performed by, or under the direct supervision of (as allowed by law) a registered Professional Engineer who is currently licensed to practice in the State of Rhode Island.

Proposers shall identify the management team, personnel and qualifications of all individuals to be assigned to the subject project.

Proposers or teams shall have a minimum of five (5) years direct relevant experience in providing comprehensive professional engineering.

ARTICLE 6: SUBMISSION OF PROPOSALS

Interested parties shall submit one (1) original and five (5) copies of the proposal addressing as a minimum their approach to satisfying the requirements set forth in the scope of work of the RFP. Included within this proposal shall be a Narrative with sufficient information which would identify the proposer's ability to perform the work within the given timetable. The Proposal shall include:

1. Project approach;
2. Background of organization and key staff members;
3. Sub-consultants proposed for use on the project;
4. Relevant experience;
5. Cost Proposal.

