



**Request for Proposals  
Capehart Restoration Ph. II  
CB Inserts/Structural BMPs  
RFP No.: P16-003**

**Purchasing Department  
73 Harlow Street  
Bangor, Maine 04401  
207-992-4282**

**Issue Date: June 30, 2015**

## **I. Introduction**

The City of Bangor seeks bids from qualified proposers to supply all materials and installation specifications for separator row system catch basin inserts, and all media for bioretention units to be placed in select locations throughout the watershed. These structural BMPs will be installed at critical source areas to reduce the amount of pollutants washing off impervious surfaces into the brook. Phase II consists of installing 35 separator row system catch-basin inserts and 8 compact biofilter/bioretention systems. The proposed systems, filters and media must remove pollutants including phosphorous, metals, hydrocarbons, sediment and litter. All bidders must include proof of the percentage of pollutants that their devices and media capture and remove from the environment. Laboratory analyses from a third party independent laboratory must be included in the bid package. The drawing/ design of the separator row system which will hold the catch basin inserts must be provided by the bidder.

## **II. General Information**

General information is available on the City's website at the following web address: [www.bangormaine.gov/bids/proposals](http://www.bangormaine.gov/bids/proposals). By submitting a response to this solicitation, the bidder accepts the responsibility for downloading, reading and bidding by the terms and conditions set forth in the City's "General Information for Vendors".

## **III. Submission**

To be considered, return the Proposal Form and any other information the Proposer deems important in an envelope **clearly** marked "**Proposal No.: P16-003: Phase II Watershed Restoration** " by **2:00 PM, Wednesday, July 29, 2015** to City of Bangor, Purchasing Department, 73 Harlow Street, Bangor, Maine 04401.

Proposals may also be submitted via email by sending to: [bids@bangormaine.gov](mailto:bids@bangormaine.gov). If emailing, please reference "**Proposal No.: P16-003: Phase II Watershed**

**Restoration**” in the subject line. Proposals will be publicly opened on the date and time stated above.

#### **IV. Questions**

All questions must be directed in writing to [bids@bangormaine.gov](mailto:bids@bangormaine.gov) no later than **4:30 pm, Wednesday, July 15, 2015**. The City will issue a response to any questions or inquiries submitted in writing by the date above, on or before **4:30 PM, Friday, July 17, 2015**. The response will be in the form of an addendum, which will be available on the City's website

#### **V. Requirements**

Qualified firms or proposers must at a minimum meet the following requirements:

- ✚ Completed at least 3 Structural BMP retrofit projects in New England, preferably in Maine, targeted at Watershed Restoration projects;
- ✚ Provide documentation demonstrating proven track record of products and media to be utilized, such as independent, third party laboratory analysis indicating pollutant load reductions for phosphorous, metals, hydrocarbons, and sediment;
- ✚ Have a proven successful track record working with the Maine DEP; and,
- ✚ Have experience working with Urban Impaired Streams and TMDLs.

The proposal should be broken down by specific products, the dimensions of the separator row system and delivery times. The selected contractor will work with concrete basin manufacturer to provide them with accurate sizes and dimensions for the concrete basins that will accept the separator row system catch basin insert. The City will contract directly with the concrete basin manufacturer. The City reserves the right to terminate the contract at a task's completion if the product or work produced is unsatisfactory.

#### **VI. Background**

##### **Watershed Information**

Flow to Capehart Brook originates in a small wetland west of Ohio Street and flows underground following an easterly direction until it daylights from beneath a culvert located under Finson Road. From Finson Road, Capehart Brook continues for approximately ½ mile before reaching its confluence with Kenduskeag Stream. Capehart Brook has been determined by statute to be a Class B waterbody.

The Maine DEP conducted benthic monitoring of Capehart Brook in 1997 and 2001. The data from 1997 indicates that the brook was not attaining Class B status and the data

from 2001 suggests that the identified macroinvertebrates were too few to meet the minimum number needed to statistically determine classification with relative certainty. The findings of the benthic monitoring resulted in Capehart Brook being listed as impaired in the 2002 Integrated Water Quality Monitoring and Assessment Report (303d list). Capehart Brook is also on the Maine DEP's Stormwater Management Law, Chapter 502 list of Urban Impaired Streams. An Impervious Cover Total Maximum Daily Load (ICTMDL) report was developed for Capehart Brook in 2011 by the DEP, who considers Capehart Brook to be highly "restorable." The City considers Capehart Brook watershed to be a "Priority Watershed." The watershed is somewhat compact with about 687 acres of drainage area. The watershed is approximately 50% developed and has 15% impervious cover.

### **Problem/Need:**

Water quality analyses of Capehart Brook indicate low dissolved oxygen (DO) concentrations and large DO diurnal swings suggestive of elevated photosynthesis due to algal blooms and nutrient enrichment, which can be a limiting factor for aquatic macroinvertebrates. Stormwater runoff from the 15% impervious cover of the watershed is the largest source of pollution to Capehart Brook. Stormwater runoff from roads, roofs, and parking lots in developed areas flow quickly carrying dirt, oils, metals, and other pollutants, and sending high volumes of flow to the brook. Developed areas in the watershed are primarily residential. The watershed is 48% non-developed, particularly in the southern portion of the watershed. These non-developed woodland areas absorb and filter stormwater pollutants and help protect the water quality of the brook. To support Class B aquatic life uses, the watershed needs the characteristics of a watershed with 8% impervious cover according to the *Maine Impervious Cover TMDL for Impaired Streams* (DEP 2012). The TMDL and the Stream Corridor Survey recommended disconnecting runoff from impervious surfaces to reduce volume, slow velocity, and filter out contaminants. New or improved stormwater control BMPs are needed to reduce polluted runoff.

## **VII. Scope of Services**

The contractor will install 70 catch basin inserts utilizing 35 separator row systems (or units) and compact biofilter/ bioretention system in the Capehart Brook watershed supervised by the Environmental Coordinator, the City's Engineering Department and in consultation with the Maine DEP. Equipment and manpower will be provided by Bangor's Public Works Department. Chamber inserts will be designed to filter out a wide array of pollutants associated with urban stormwater including phosphorous, metals, hydrocarbons and sediment. A Design Plan including BMP locations and cross sectional views of a typical separator row system to house the catch basin inserts, a time schedule and a detailed map of insert locations will be developed and provided to the City and the DEP prior to insert installation. A long term Inspection & Maintenance Plan will be

prepared and provided to the City and the DEP which will contain specifics regarding inspections and all aspects of maintenance of the BMPs. This project will run for two years and end in the fall of 2017.

## **VIII. Proposal Content**

Proposals are to be written Proposals presented in a clear and concise manner. However, the City reserves the right to negotiate any portion of the proposal determined to be unclear or to inappropriately address the needs of the City of Bangor. All proposals shall remain firm for sixty (60) calendar days after receipt of the proposals.

### **A. Personnel**

The responder shall describe its proposed staffing for the project. This will include an identification of the individuals assigned to the project and their responsibilities related to the project.

### **B. Schedule**

A proposed project completion date shall be delineated.

### **C. Current/Related Assignments**

Please highlight your firm's related assignments and in turn your key staff members capacity to undertake this work, should your firm be awarded the contract, in relation to existing and pending assignments.

### **D. Qualifications**

In order to aid in the evaluation of its proposal, the responder must submit qualifications/experience statements. These are to include information concerning the firm's background and experience and the skills and qualifications of its staff. Information on particularly relevant projects shall be summarized including an identification of the applicable project, the project location, consultant role; the results of the project; and the name, address, and phone number of contacts.

Resumes of staff members to participate in this project shall be provided detailing their relevant experience and expertise. A list of three references shall be provided; the references shall be clients for whom the consultant or staff members have provided similar work. The list of references should indicate whether the work experience is that of the firm or of individual staff personnel. The references shall be identified with respect to the type of work provided, the organization's name, its address and telephone number, and the name of a contact person.

Other information demonstrating the responder's qualifications to undertake the proposed assignment may be submitted. All information is to be provided in an 8½" x 11" format and bound into the Requests for Proposals submission.

E. Cost Proposal

Submit a proposed fee schedule by service or task. Fee schedules must include a general description of anticipated services to be provided as well as an itemized estimate of reimbursable expenses, estimated number of hours to complete each task and a “not to exceed” fee for each service or task.

The final contract price will be negotiated with the successful consultant with regard to scope of work and City staff participation and involvement from the departments involved with the project.

**IX. Selection Process**

A. Evaluation Criteria

All proposals will be evaluated to assure that they meet all the project requirements and are fully responsive to this Request for Proposals. The proposal must include all submission requirements and must fully address all items in this request.

Proposals meeting all the project requirements will then be evaluated based on the following criteria. The criteria are not necessarily in order of importance.

- Firm Experience/Capabilities/Capacity
- Staff Experience/Capabilities/Capacity
- Project References, and
- Fee Proposal
- Time allowed for delivery

B. Selection process

The proposals determined to be responsive will be evaluated by the City. The City will evaluate the proposals on the basis of the information submitted only. The City reserves the right to select the Proposer deemed most advantageous or not award all or any the work in the Request for Proposals.

C. Schedule

The City reserves the right to interview selected Proposer(s).

D. Disclaimer

The City of Bangor will not be responsible for any costs incurred in the preparation of a response to this Request for Proposals.

E. Qualifications

No contract will be awarded except to a responsible Proposer capable of performing the work contemplated. Proposer must comply with all State, Federal and municipal laws. Before the award of any contract, Proposer may be required

to show that he/she has the necessary facilities, experience, ability, and financial resources to perform the work in a satisfactory manner.

F. Proposal Acceptance

The City reserves the right to select the Proposer(s) best able to provide the services required. In evaluating proposals, the City of Bangor reserves the right to use any or all of the ideas from the proposals submitted without limitation and to accept any part or the entire successful proposal in selecting the services considered to be the most advantageous to the City. All material submitted becomes the property of the City of Bangor. The evaluation of proposals and determination of the award will be at the discretion of the Finance Committee and its judgment shall be final and without right of recourse by any Proposer.

G. Rejection of Proposals

The City of Bangor reserves the right to reject any and all proposals received and to waive any informality, technical defect, or clerical error in any proposal as the interest of the City may require. Rejection of any proposal shall be construed as meaning simply that the City does not deem the proposal to be acceptable or that another proposal is deemed to be more advantageous to the City for the particular services proposed.



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**Note:** Services must be bid by using this Bid Form, in addition to other requested documentation. Failure to comply with the above may result in disqualification.

Item	Description	Qty.	Total Price
1	All personnel, labor and materials necessary for the completion of requested work.	Lump Sum	\$ _____
Number of days to complete the work upon receipt of a purchase order: _____ days			
<i>Price must include all miscellaneous charges: permits, fuel, transportation etc. No other charges will be accepted.</i>			

<b>Business Name:</b>			
<b>Street or PO Box</b>			
<b>City, State, Zip</b>			
<b>Telephone Number</b>			
<b>Fax Number</b>			
<b>Email Address</b>			
<b>Contact Name</b>			
<b>Title</b>		<b>Date</b>	