

# Infrastructure & Operations

## REQUEST FOR PROPOSALS

Barneys Brook Forcemain Replacement - Engineering  
RFP50196 - Addendum 2

Release date: April 13, 2018

Proposals will be received up to  
3:00:00 pm local time on Tuesday, April 24, 2018

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## CHANGES

The following change is being made to the Services Description section of the Request for Proposals (RFP):

The Consultant is no longer required to include a recommendation or design for redundancy and the attached page replaces page 11 of 31 in the RFP document.

END OF ADDENDUM



## 2. SERVICES DESCRIPTION

### 2.1. General

- 2.1.1. The Consultant will undertake the detailed design and construction review of the Barneys Brook Forcemain Replacement.

Discussions with regulating authorities will be the responsibility of East Hants. Support of these discussions will be a necessary component of this Contract. In particular, the Consultant will be responsible for providing sufficient information (this information would typically consist of drawings and responses to questions) to support permit applications to Nova Scotia Transportation and Infrastructure Renewal (NSTIR) and Nova Scotia Environment (NSE), if required.

### 2.2. Surveying

- 2.2.1. The Consultant will be responsible for carrying out all surveying necessary for the detailed design of the forcemain. This survey must at minimum include a topographical survey identifying the edge of the asphalt surface, valve boxes, manholes, driveways and type, culverts and details, ditches, property pins, curb stops, sanitary cleanouts and inverts, utility poles and anchors, trees and bushes, retaining walls and ornamental features. The topographical survey must extend a minimum of 3 m beyond the edge of the road right-of-way.

### 2.3. Detailed Design

- 2.3.1. In its report 'Sewer Capacity Study', dated November 30, 2015, WSP identified the Barneys Brook Forcemain (100 mm dia. single forcemain system serving SLS-18) as too small in diameter and requiring replacement. The Consultant will be responsible for reviewing this recommendation and confirming that the existing forcemain is 'undersized'. East Hants will make available the existing SewerCAD model for use by the Consultant.

The Consultant will be responsible for recommending the appropriate sizing for the Barneys Brook forcemain and for carrying out the detailed design. The design should fully comply with the East Hants Municipal Services Systems General Specifications (June 15, 1999) and current industry best practice. The Consultant will be required to create a detailed construction estimate that East Hants will use as the basis for its construction budget.

### 2.4. Tender Documents

- 2.4.1. The Consultant will be responsible for providing complete tender documents, including drawings and specifications, as necessary to tender the construction of the forcemain. Tender documents are to be based on the current edition of the 'Standard Specification for Municipal Services' published by the Nova Scotia Road Builders Association - Consulting Engineers of Nova Scotia Joint Committee on Contract Documents and otherwise be acceptable to East Hants.

East Hants will manage the tendering process and the Consultant will provide originals of all required documents in a format acceptable to East Hants, for use by East Hants. Design related questions that arise during the tendering process will be directed to East Hants and technical questions will be forwarded to the Consultant for review and appropriate response. Typically, the Consultant will need to provide a response to East Hants by 4:00pm, the following business day, so that East Hants can incorporate the response into an addendum, if necessary. The Consultant shall not respond directly to questions posed to them by potential tenderers during the tendering process unless directed to do so by East Hants.

### 2.5. Construction Support and Review

- 2.5.1. The Consultant will be responsible for providing 'Issued for Construction' drawings as well as typical construction support activities which include, but are not limited to, responding to design questions that may arise during the construction, visiting site to investigate same, issuing Change Orders for approval by East Hants, or approving necessary changes to the design (in consultation with East