

ADVANCED CONTRACT AWARD NOTICE

SAMPLING OF WATER QUALITY IN THREE SUB-WATERSHEDS (MEDWAY, KINTORE, KETTLE) IN SOUTHWESTERN ONTARIO

1. Advance Contract Award Notice (ACAN)

An ACAN is a public notice indicating to the supplier community that a department or agency intends to award a contract for goods, services or construction to a pre-identified supplier, thereby allowing other suppliers to signal their interest in bidding, by submitting a statement of capabilities. If no supplier submits a statement of capabilities that meets the requirements set out in the ACAN, on or before the closing date stated in the ACAN, the contracting officer may then proceed with the award to the pre-identified supplier.

2. Definition of the requirement

Environment Canada requires the services of a Contractor with the knowledge, expertise and resources to supply, install and maintain full operation of three automated water quality samplers (“autosamplers”) at field sites identified by ECCC. The Contractor may need to establish arrangements for equipment installation and access with land owners or other parties operating near the field sites. In addition, the Contractor will be required to operate an additional three autosamplers previously installed by ECCC.

The work will involve the following:

- a. Supply three automated water quality samplers (“autosamplers”, including component pieces such as modems, pressure gauges, batteries and solar panels). Install and maintain full operation of the three autosamplers provided by the Contractor at field sites identified by ECCC.
- b. Ensure reliable operation of an additional three autosamplers provided by ECCC.
- c. Perform any routine maintenance or repairs to all six autosamplers as required. (Any maintenance costs will be the responsibility of the equipment owner.)
- d. Establish and provide wireless connection (including set-up and on-going costs) for all 6 autosamplers.
- e. Remotely access the hydrographs being recorded by the pressure gauges associated with each of the 6 autosamplers and download the hydrographs.
- f. Monitor weather in London, ON. During periods of snowmelt or significant rain events (i.e., > 20 mm/day), remotely monitor the hydrographs of the six automated samplers and choose appropriate spots on the hydrograph for water sampling (i.e., 27120 prior to the start of the event, during the event and following the event) at intervals appropriate to the duration of the event.
- g. Collect water samples within 24 hours of sampling and ship the samples to the ECCC laboratory in Burlington, ON. (ECCC will provide an account number with the courier company.)

The deliverables for this contract will consist of satisfactory completion of water sampling, installation and maintenance of equipment, and submission of all completed, legible field sheets, field notes, and any digital records for each sampling trip.

The Upper Thames River Conservation Authority (UTRCA) was identified to be the only supplier with the existing skills, equipment and stakeholder contacts to undertake the proposed work. In addition, a private consultant would have to attempt to attain landowner permissions (with permissions often taking months to attain because trust is required).

3. Criteria for assessment of the Statement of Capabilities (Minimum Essential Requirements)

Any interested supplier must demonstrate by way of a statement of capabilities that it meets the following requirements

- a. Experience: 5 years experience in the past 8 years conducting water quality sampling using automated water sampling equipment fitted with telecommunications equipment to allow remotely triggered sampling.
- b. Knowledge and understanding of autosamplers, specifically ISCO model 6712 samplers equipped with 3Gi modems, including their installation, computer programming, set-up, operation and trouble-shooting (including wireless connection).

- c. Ability to supply three autosamplers at start-up of the contract to ensure quick and efficient commencement of the contract
- d. Academic qualifications: must possess an undergraduate degree from a recognized university in the field of environmental sciences (biology, geography, hydrology)

4. Applicability of the trade agreement(s) to the procurement

This procurement is not subject to any trade agreement

5. Set-aside under the Procurement Strategy for Aboriginal Business

This procurement is not a set-aside for an Aboriginal supplier in accordance with the government Procurement Strategy for Aboriginal Business (PSAB).

6. Comprehensive Land Claims Agreement(s)

This procurement is not subject to the Comprehensive Land Claims Agreement.

7. Justification for the Pre-Identified Supplier

To our knowledge of industry, there are no other available suppliers with the expertise and resources to do the work. The ACAN posting will help assess if there are alternative sources of supply.

The proposed work requires high frequency water sampling on short notice (i.e., in response to rain or snowmelt events).

The contract involves collecting water samples during rain and snow events. This requires:

- a. use of automated samplers (, valued at \$13K each x 3 samplers)
Autosampler Specifications: ISCO model 6712 equipped with 3Gi modems (should include installing, computer programming, setting up, operating, and trouble-shooting, and providing wireless connection).
- b. familiarity with the automated sampling equipment and local stream conditions in order to know how and when to trigger the sampler to collect water samples (the UTRCA is familiar with their streams and has undertaken this type of sampling previously); and
- c. permission to cross farmers' private fields in order to access stream sites (the UTRCA already has contacts and permissions in place with the relevant farmers).

8. Government Contracts Regulations Exception(s)

The following exception(s) to the Government Contracts Regulations is (are) invoked for this procurement under subsection 6(d) - only one person is capable of performing the work.

9. Exclusions and/or Limited Tendering Reasons

Not applicable

10. Ownership of Intellectual Property

Canada intends to retain ownership of any Foreground Intellectual Property arising out of the proposed contract on the basis that the main purpose of the contract is to generate knowledge and information for public dissemination).

The water chemistry data collected under this contract will be available to the Vendor, the Crown and to the public (through posting on open data websites).

11. Period of the proposed contract or delivery date

The proposed contract is for a period of 3 years.

From *May 1, 2019 to March 31, 2021*. A renewal option year period (April 1, 2021 to March 31, 2022) may be considered at a later date.

12. Cost estimate of the proposed contract

The estimated value of the contract, including option(s), is

\$24,000 per year x 2 years + 1 renewal option year = \$72,000.00 for 3 years (GST/HST extra).

13. Name and address of the pre-identified supplier

Upper Thames River Conservation Authority (UTRCA)
1424 Clarke Rd, London, ON N5V 5B9

14. Suppliers' right to submit a statement of capabilities

Suppliers who consider themselves fully qualified and available to provide the goods, services or construction services described in the ACAN may submit a statement of capabilities in writing to the contact person identified in this notice on or before the closing date of this notice. The statement of capabilities must clearly demonstrate how the supplier meets the advertised requirements.

15. Closing date for a submission of a statement of capabilities

The closing date and time for accepting statements of capabilities is ***Wednesday, May 22, 2019, 10:00 AM PST***.

16. Inquiries and submission of statements of capabilities.

Inquiries and statements of capabilities are to be directed to:

Angelina Garcia
Contracting Authority
Environment Canada
201 – 401 Burrard Street
Vancouver, BC V6C 3S5
Telephone: 604-664-9114
Facsimile: 604-713-9867
E-mail: Angelina.Garcia@canada.ca