



May 17, 2019

ADVANCE CONTRACT AWARD NOTICE (ACAN)

1. **Title:** Early Detection Surveillance for Asian carps in Duffin's Creek, Frenchman's Bay, Humber River, Rouge River, and the Toronto Islands 2019-2022.

2. **Advance Contract Award Notice (ACAN)**

The purpose of this Advance Contract Award Notice (ACAN) is to signal the government's intention to award a contract for these services to the Toronto and Region Conservation Authority, 101 Exchange Ave, Concord, ON L4K 5R6. Before awarding a contract, however, the government would like to provide other suppliers with the opportunity to demonstrate that they are capable of satisfying the requirements set out in this Notice, by submitting a statement of capabilities during the ACAN posting period.

If other potential suppliers submit a statement of capabilities during this ACAN posting period that meets the requirements set out in the ACAN, the government will proceed to a full tendering process on either GETS or through traditional means, in order to award the contract.

If no other supplier submits, on or before the closing date, a statement of capabilities meeting the requirements set out in the ACAN, a contract will be awarded to the pre-selected supplier.

3. **Requirement**

3.1 **Background**

The Asian Carp (AC) Early Detection Surveillance program conducts fisheries sampling in order to target Asian carps in tributaries and habitats meeting their preferences. The Asian Carp program conducts both targeted Asian Carp sampling, as well as fish community assessments. The program collects information about the sampling effort, fishes captured, and the habitat characteristics at the sampling location. GPS coordinates and habitat data, including water and air temperature (°C), dissolved oxygen (mg/L), conductivity (µS/cm), pH, turbidity (NTU), wind speed (km/h), water depth (m), sampling distance from shore, number of coarse woody debris objects, substrate percent composition (Wentworth Scale) and aquatic vegetation type and percent cover, were recorded for each site.

Although Fisheries and Oceans Canada (DFO) is well equipped for early detection surveillance, there are many habitats throughout the Canadian waters of the Great Lakes basin that are suitable for Asian carps. Therefore, adding surveillance efforts by trained and qualified staff will allow DFO to increase efforts in other habitats, increasing the surveillance efforts to detect and remove Asian carps from Canadian waters.



3.2 Objective

Fisheries and Oceans Canada requires a Contractor to conduct yearly early detection surveillance sampling for Asian Carps in Duffins Creek, Frenchman's Bay, Humber River, Rouge River and Toronto Islands.

3.3 Tasks

Contractor must:

- 3.3.1 In accordance with DFO's standard operating procedures conduct sampling for Asian Carp in the locations listed in section 3.2
- 3.3.2 Initiate early detection surveillance sampling activities on, or before, July 7, and complete sampling in the summer/fall sampling season.
- 3.3.3 Submit early detection surveillance data in MS Access database by December 31st of each year
- 3.3.4 Submission of digital vouchers and hard copies of datasheets by December 31st of each year
- 3.3.5 Capture fish in the areas described in Section 3.2 and record information such as: date, arrival time, departure time, waterbody name, waterbody type, collectors name, recorders names, description of locality, sampling start time, sampling stop time, starting lat/long, stop lat/long, gear type used, gear description, date net fished, effort, sampling method, air temperature, water temperature, conductivity, dissolved oxygen, turbidity, pH, sex, weight, length, scientific name and common name of fish captured, etc.,

4. Mandatory Criteria for Assessment of the Statement of Capabilities

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

4.1 Experience:

- 4.1.1 Contractor must have 6 months experience in the past 60 months conducting Asian Carp surveillance sampling.
- 4.1.2 Contractor must have experience conducting targeted sampling, capturing and transporting Asian carps for research purposes.
- 4.1.3 Contractor must have 6 months in the past 60 months experience electrofishing in combination with Gill and Trammel nets to conduct fish sampling.

4.2 Academic Qualifications:

- 4.2.1 Royal Ontario Museum's Fish Identification Workshops (Introductory, Cyprinid, and Species at Risk)
- 4.2.2 Ministry of Natural Resources Fish (MNRF) Identification workshop (level 2).
- 4.2.3 MNRF Class 1 electrofishing certification



4.2.4 Small Vessel Operator Proficiency, and Marine Emergency Duties A3.

4.3 **Equipment:**

In Accordance with DFO's Standard Operating Procedures and record keeping requirements the Contractor must have the following equipment:

Gear Type	Dimensions
Boat Electrofishing	Dual boom electrofishing vessel, with capacity to adjust output voltage, frequency, and duty cycle. Must be capable of sustained power outputs of up to 1600 watts (average power output).
Fyke Net (mini)	3 mm (1/8") ace mesh; 0.61 m x 4.6 m (2'x15') lead; 0.61 m (2') hoops; 0.61 m x 1.22 m (2'x4') box
Hoop Net	1.5 m (5') diameter; 6.1 m (20') length; 2.5 cm (1") square mesh; treated; 2 funnels 0.91 m (3') diameter; 4.57 m (15') length; 2.5 cm (1") square mesh; 2 funnels
Seine Net (bag)	6.3 mm (1/4") bag mesh; 6.3 mm (1/4") wing mesh; 9.1 m (30') length
Tied-down Gill and Trammel Net	<p>Tied-down Gill Net</p> <p>8.9 cm (3.5") mesh; 3.7 m (12') height tied down to 3.0 m (10'); 183 m (200 yd) long</p> <p>Trammel Net</p> <p>10.1 cm (4") mesh; 4.3 m (14') height; 183 m (200 yd) long; 10.1 cm (4") square inner wall panels; 45.7 cm (18") outer wall panels</p>
Trap Net	2.9 cm (1-1/8") square mesh, 5.7 cm (2-1/4") stretch mesh; 1.2 m wide x 2.4 m long x 1.2 m deep (4' x 8' x 4') crib; 3 m wings; 25 m lead.



4.4 Permits:

License to Possess and Transport Asian Carps #OFR-2016-03
License to Collect Fish for Scientific Purposes # 1092318 (Lake Ontario)
License to Collect Fish for Scientific Purposes # 2092133 (Aurora District)
Rouge Nation Urban Parks Access
Toronto Port Authority Authorization

5. Trade Agreements:

This procurement is subject to the following trade agreement(s):

Canada Free Trade Agreement (CFTA).

6. Justification for the Pre-Identified Supplier

We intend to deal directly with the supplier mentioned in section 11 below as, it is the only known supplier that meets the mandatory criteria set out in section 3 above.

Should Canada receive a statement of capabilities from a supplier that contains sufficient information to indicate that it meets the requirements set forth in this ACAN, a competitive process will be triggered with a technical and financial evaluation methodology of the bids proposed by the potential bidders

7. Exception to the Government Contracts Regulations

The following exception(s) to the Government Contracts Regulations is invoked for this procurement under subsection

- 6(d) – “only one person is capable of performing the work”

The identified provider, Toronto Regional Conservation Authority, is the only one able to meet all of the criteria identified in paragraph 3 above.

8. Contract Period

The contract period will be from date of award to March 31, 2022

9. Estimated Cost

The estimated maximum value of the contract is \$250,000.00 CAD (excluding taxes).

10. Name and Address of the Proposed Contractor

Toronto Regional Conservation Authority
101 Exchange Ave
Concord, ON
L4K 5R6

11. Suppliers' right to submit a statement of capabilities

Suppliers who consider themselves fully qualified and available to provide the services/goods described herein, may submit a Statement of Capabilities in writing, preferably by e-mail, to the contact person identified in this Notice on or before the closing date and time of this Notice. The Statement of Capabilities must clearly demonstrate how the supplier meets the advertised requirements.



12. Closing Date for Submitting Statement of Capabilities

May 31, 2019, 2PM Atlantic Standard Time.

13. Inquiries and Submission of Statement of Capabilities

Inquiries or submissions of a statement of capabilities can be directed to Cal LaKing at DFOtenders-soumissionsMPO@dfo-mpo.gc.ca