



Procurement Hub – Fredericton
301 Bishop Drive
Fredericton, NB E3C 2M6

17 February 2020

F5211-190772

ADVANCED CONTRACT AWARD NOTICE

TITLE: HUMBER RIVER AND DUFFINS CREEK SEA LAMPREY TRAPPING CONTRACT

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 Toronto and Region Conservation Authority, 101 Exchange Ave, Vaughn 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.

INTRODUCTION:

Fisheries and Oceans Canada (DFO) requires the services of trapping to help estimate the populations of adult sea lamprey.

BACKGROUND:

DFO has played a vital role in the sea lamprey control program since 1955. It is a binational program that is coordinated by the Great Lakes Fishery Commission (GLFC) and serves to protect the fisheries of the Great Lakes, which have an estimated economic benefit of \$7 billion annually. Control is achieved primarily by extensive treatment of streams to eliminate larval sea lampreys. To measure how effective the control program is each year, DFO estimates the populations of adult sea lamprey in each lake on an annual basis. This is done by using traps to estimate populations in streams and then extrapolating to the entire lake. The results help to direct sea lamprey management.

Since 1967, DFO has been collecting spawning-phase sea lampreys from the Humber River, as part of a Lake Ontario network of traps intended to monitor sea lamprey numbers. In the early 1980s, following an extended period of dip-netting and one year of portable trapping, two attractant water traps were installed in the bank-side corners of the Old Mill water control dam. Portable trapping operations, initiated in Duffins Creek in 1976, were replaced downstream in 1981 by a low-head barrier and incorporated attractant water trap.

OBJECTIVES:

Operate the two traps incorporated into Old Mill dam on the Humber River in Toronto, ON, and the trap incorporated into the low-head sea lamprey barrier on Duffins Creek in Ajax, ON, conducting mark and release studies with the sea lamprey captured, and collect and supply raw data to be used to generate a population estimate in this stream. This population estimate will be used along with that of other streams to estimate the population in all of Lake Ontario.

WORK REQUIREMENT:

For each year, the first day of trap servicing will be dependent on weather, and will be determined by DFO (usually in early April). Once the start date has been determined, the trap will be serviced five days per week for a minimum of 10 consecutive weeks. Work may be required beyond this 10 week period dependent on weather and trap catches, up to a maximum of 4 weeks. These week-long extensions will be determined by DFO at the end of the first 10 weeks and at the end of each subsequent week-long extension.

TASKS AND DELIVERABLES:

The services that are required for each stream, five days per week are:

1. Ensure traps and barriers are operating as intended. This involves;
 - a. assisting with the initial clean-out and set-up of the traps,
 - b. general maintenance of the site including removal of debris accumulating in and around the traps,
 - c. contacting DFO personnel when not operating as intended, or vandalism has occurred, and
 - d. recording the operational status of the traps each day.
2. Remove, identify and count fishes and invertebrates captured in traps. This involves;
 - a. accessing traps (in the case of Humber traps opening the lid and using a davit and chain hoist to lift traps, in the case of Duffins opening the lid),
 - b. removing all animals captured,
 - c. identifying and counting the number and species of fish,
 - d. releasing native species upstream of the barrier,
 - e. disposing of surplus sea lampreys (up to 1,000 per day), and
 - f. recording all information accurately.
3. Conduct a mark-recapture study to estimate the population in the river. This involves;
 - a. marking a portion of the sea lampreys with a unique fin clip for each week,
 - b. maintaining good health of marked lampreys, transporting and releasing them at designated sites downstream,
 - c. identifying and disposing of fin-clipped sea lampreys recaptured in traps, and
 - d. recording all information accurately.
4. Collect environmental data. This involves;
 - a. measuring water and air temperature,
 - b. measuring water levels using staff gauges on site,
 - c. measuring turbidity, and
 - d. recording all information accurately.
5. Complete a daily report each time the trap is visited. This involves:
 - a. recording the date, time, operator name and all information collected in numbers 1 to 4 above,
 - b. upon completion of each week, mail the set of hard copy daily reports for that week to DFO, and
 - c. retain field notes and daily reports to prevent data loss.
6. On a weekly basis call or e-mail DFO to report:
 - a. the daily number of sea lamprey that were captured and recaptured from each individual trap over the previous week, and
 - b. any mechanical or structural issues with the barrier, fishway or traps.

MANDATORY CRITERIA:

- The contractor must have a minimum of 60 months of experience with sea lamprey trap operation, **OR** must have a minimum of 60 months of experience conducting scientific projects that involve handling and identifying live Great Lakes fishes and collecting scientific data.
- The contractor must provide own vehicle capable of transporting sea lamprey and water up to 225kg.
- The contractor must provide secure off-site storage for all equipment used for daily trap checks.
- The contractor must be able to provide two (2) experienced resources each day, 5 days a week (usually 3 to 8 hours per day) for 10-14 consecutive weeks.

ESTIMATED VALUE

The total value of the contract shall not exceed \$49,033.00 excluding all applicable taxes for the firm period from contract award to 28 February 2021. Option year one is estimated at \$49,812.00 and option year two is estimated at \$50,596.00.

SECURITY REQUIREMENT

No Security Requirement

TRADE AGREEMENTS APPLICABILITY OR OTHER OBLIGATIONS:

Canadian Free Trade Agreement.

GOVERNMENT CONTRACTS REGULATIONS EXCEPTION AND LIMITED TENDERING REASONS:

The following policy requirements are applicable to this ACAN process:

Applicable Exceptions to Soliciting Bids under the Government Contracting Regulations (GCRs)
(Section 6):

Section 10.2.1 Section 6 (d) only one person or firm is capable of performing the work applies to this ACAN for the following reasons:

There are no known alternative sources of supply. It is feasible and affordable to compete the requirement.

CONTRACT PERIOD:

The period of the contract is from contract award to 28 February 2021 inclusive. The contract will include 2 optional years each of 1 year duration, to be activated at the discretion of DFO.

Firm Period: Contract award to 28 February 2021

Option Year 1: 1 March 2021 to 28 February 2022

Option Year 2: 1 March 2022 to 28 February 2023

SUPPLIER'S RIGHT TO SUBMIT A STATEMENT OF CAPABILITIES:

Suppliers who consider themselves fully qualified and available to provide the services described herein, **must submit a Statement of Capabilities in writing to the Contracting Officer identified in this Notice on or before closing date. The Statement of Capabilities must clearly demonstrate how the supplier meets the advertised requirements.**

CLOSING DATE FOR SUBMITTING STATEMENT OF CAPABILITIES:

3 March 2020 at 2:00 p.m. (AST)

Inquiries and statements of capabilities are to be directed to:

Michael Peters

Contracting Specialist – Contracting Services

Procurement Hub – Fredericton

Telephone: (506) 429-2359

Email: DFOtenders-soumissionsMPO@dfo-mpo.gc.ca