



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

23 November 2021

30001425

**ADVANCED CONTRACT AWARD NOTICE**

**TITLE: Northern Boundary Run Reconstruction Model**

**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 LGL Limited, 9768 Second Street, Sidney BC, V8L 3Y8.

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:**

This is for the completion of the annual Northern Boundary Sockeye Run Reconstruction (NBRR), which is an integral component of the existing bilateral post-season Northern Boundary Technical Committee, Northern Boundary Area sockeye reconstruction assessments.

**BACKGROUND:**

The program has been conducted annually since the mid 1990's to provide bilaterally agreed data on the sockeye stock composition and escapement for Nass, Skeena, Macdonald, and other US sockeye stocks originating in the northern boundary area.

**OBJECTIVES:**

The Contractor will complete data collection and analysis tasks required to complete the Northern Boundary Run Reconstruction.

**WORK REQUIREMENT:**

The Contractor will perform all tasks required to complete the annual Northern Boundary Sockeye Run Reconstruction model run, to estimate catch by fishing district/area, total catch, and total return for all modelled Northern Boundary stocks, and Annual Allowable Harvest for Canadian origin Northern Boundary sockeye stocks (Skeena and Nass sockeye), described below.

**TASKS AND DELIVERABLES:**

**Tasks:**

**Data collection**

1. Obtain daily commercial sockeye catch figures by gear by fishery subarea for Southern Southeast Alaska fisheries (Districts 101-104).

2. Obtain daily commercial sockeye catch figures by gear by fishery subarea for northern BC Statistical areas 3, 4 and 5.
3. Obtain weekly sockeye DNA stock composition information for all SSE Alaskan fisheries
4. Obtain weekly sockeye DNA stock composition information for Canadian Area 3 and Area 4 fisheries used in the reconstruction model.
5. Obtain daily sockeye “escapement” estimates past the Nisga’a fish wheels in the Nass River from DFO and Nisga’a Fisheries.
6. Obtain daily sockeye “escapement” estimates past the Skeena test fishery in the Skeena River from DFO.

**Analysis**

1. Update Northern Boundary sockeye run reconstruction database with annual catch, escapement, run timing and stock composition data.
2. Complete initial run reconstruction analyses for northern boundary sockeye stocks and prepare tables for circulation to and discussion with DFO, ADF&G and Nisga’a fisheries managers.
3. Modify reconstruction model to allow exclusion of Central Coast sockeye stocks for the reconstruction process.
4. Participate in the Northern Boundary Technical Committee reconstruction meeting to work with the northern boundary technical committee DFO, ADF&G and Nisga’a representatives to discuss and finalize the annual run reconstruction results.
5. Provide brief summary report of the reconstruction for each year to the northern boundary technical committee.
6. Respond to comments on draft report and finalize the annual report and database.

**Deliverables:**

1. Updated NBRR databases (Access databases)
2. Presentation to the Northern Boundary Technical Committee meeting in January 2022.

**RESOURCES AND LEVEL OF EFFORT**

All tasks and deliverables must be completed by January 31, 2022.

**MANDATORY CRITERIA:**

- Direct experience (2+ years) supporting the Pacific Salmon Treaty process and understanding of the methods used to calculate the Annual Allowable Harvest for Skeena and Nass Sockeye salmon.
- Significant experience (10+ years) using run reconstruction techniques and biological data to reconstruct catches of fish captured in multiple fisheries across international boundaries.
- Proficiency (10+ years of experience) in Visual Basic programming and advanced database.
- Significant experience (10+ years) communicating complex model results in an international setting.

**ESTIMATED VALUE**

The total value of the contract shall not exceed **\$23,314.00** excluding all applicable taxes for the firm period from contract award to 31 March 2022 with 4 option years, each of 1 year duration. Initial Contract period is estimated at \$23,314.00; Option Year 1 is estimated at \$23,780.00; Option Year 2 is estimated at \$24,255.00; Option Year 3 is estimated at \$24,740.00; and Option Year 4 is estimated at \$25,235.00.

**SECURITY REQUIREMENT**

No Security Requirement.

**TRADE AGREEMENTS APPLICABILITY OR OTHER OBLIGATIONS:**

No Trade Agreements apply. Fisheries Studies exempt.

**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 31 March 2022 inclusive. The contract will include 4 optional years of 1 year duration, to be activated at the discretion of DFO.

Firm Period: Contract award to 31 March 2022

Option Year 1: 1 April 2022 to 31 March 2023

Option Year 2: 1 April 2023 to 31 March 2024

Option Year 3: 1 April 2024 to 31 March 2025

Option Year 4: 1 April 2025 to 31 March 2026

**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:**

**08 December 2021 at 2:00 p.m. (AST)**

Inquiries and statements of capabilities are to be directed to:

**Lauren Vandendorre**

Contracting Officer

Procurement Hub – Fredericton

Telephone: (506) 470-6349

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