



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

14 August 2023

30004668

TITLE: Northern Boundary Run Reconstruction Model 2023-2024

1. ADVANCED 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

2.1 Objective

This contract is for 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. 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

2.2 Scope of Work

The Contractor will complete data collection and analysis tasks required to complete the Northern Boundary Run Reconstruction as specified in the Pacific Salmon Treaty, Chapter 2.

2.3 Tasks:

A. 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.

B. 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.

2.4 Deliverables

1. Updated NBRR databases (Access databases)
2. Presentation to the Northern Boundary Technical Committee meeting in January 2024.

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:

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

4. Government Contracts Regulations Exception(s) or Limited Tendering Reasons

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.

5. Period of the proposed contract or delivery date

The proposed contract is from Contract Award through to March 31, 2024.

6. Cost estimate of the proposed contract

The estimated value of the contract is \$66,826.00 (GST/HST are extra).

7. Name and address of the pre-identified supplier

LGL Limited
9768 Second Street
Sidney, BC V8L 3Y8

8. 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.

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

The closing date and time for accepting statements of capabilities is August 30, 2023 at 2:00 p.m. ADT.

10. Inquiries and submission of statements of capabilities

Inquiries and statements of capabilities are to be directed to:

Terri Jones
Contracting Officer – Contracting Services
Procurement Hub – Fredericton
Telephone: (506) 461-3743
Email: DFO.tenders-soumissions.MPO@dfo-mpo.gc.ca