



**Rivers and Smith Salmon Ecosystems Planning Society**

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Request for Proposal

**Productive Capacity Review of Owikeno and Long Lake Basins**

For

**Rivers and Smith Salmon Ecosystems Planning Society**

Contact

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## **Productive Capacity Review of Owikeno and Long Lake Basins**

### **1.0 Introduction:**

1.1 The Recovery Plan for the Rivers and Smith Inlets area was completed in December 2003. One of the primary objectives of all recovery plans is to identify numerical targets for which watershed treatment success can be evaluated. These targets consist of numbers of salmonids present, by species, at various stages of development (i.e. fry, smolt, adult).

The Rivers and Smith Inlet Salmonid Ecosystem Planning Society (RSSEPS), through the development of the Recovery Plan, determined that the existing recovery targets were insufficient. The consensus was that there had not been enough previous effort into determining realistic escapement or production targets. Thus, many of the targets, by species and life stage, were left blank within the recovery plan, with the proviso that a directed effort would be put toward the development of targets based on available information. The recovery plan states that the development of acceptable targets was a high priority, and would take place during the next year (2004) The rationale behind the productive capacity review project is to complete the target section of the recovery plan, as promised, and to provide the RSSEPS with science-based targets with which to measure the progress of recovery.

The purpose of this Request for Proposal is to hire a consultant(s) who will develop habitat-based productive capacity models for Owikeno and Long Lake Basins in order to guide the salmonid recovery efforts within Rivers and Smith Inlets. This project will be funded by the Pacific Salmon Foundation. The final report must meet the criteria for scientific study and stand the scrutiny of a peer review.

### **2.0 PRINCIPAL ACTIVITIES TO BE UNDERTAKEN**

The following activities will serve as overview areas for project completion:

- Review of existing escapement targets and previously developed productive capacity estimates.
- Collection of existing habitat and productive capacity data for Owikeno and Long Lake Basins through a review of databases, mapping, and interviews.
- The running of the models with the available data.
- The production of “new” productive capacity estimates, and comparison of these estimates to the Docee Fence return estimates, and to the “old” targets.

### **3.0 Proposal Requirements:**

- Names and résumés of consultant(s) who will work on the study.
- A budget showing consultant time estimates, fee rates cost and expense estimates and Total Bid Price.
- Detailed outline of work plan to accomplish the project.
- Table of Contents to indicate the scope of the proposed work

### **4.0 Deliverables**

The consultant(s) will deliver a finished report on the productive capacity of the Owikeno and Long Lakes by Dec. 31/04. The report must be both in a hard copy and an electronic version.

### **5.0 Timeframe:**

The RSSEPS will accept proposals from consultant(s) until 3p.m. on August 13, 2004. The RSSEPS will inform the successful bidder by August 20, 2004. The final report will be due December 30, 2004. Bids will be evaluated on:

- Suitable professional qualifications and experience
- Demonstrated work experience in the salmon ecosystems in Owikeno Lake and Long lakes
- Demonstrated research capability.
- Quality of proposal, which needs to be clear and comprehensive
- Fee structure and Total Bid Price

### **6.0 Bid Submission:**

One copy of the Bid Proposal should be faxed or emailed to  
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For further information or clarification please contact David Stevenson.