

## STATEMENT OF WORK

### **Title – Design and Construction of DFO Storage Building, Norfolk County, Ontario**

#### **1. Scope**

1.1. **Background** - The Department of Fisheries and Oceans (DFO) is proposing to build an unheated, steel storage building of approximately 37.21 m<sup>2</sup> (6.10m x 6.10m) area adjacent to the Clear Creek Sea Lamprey Barrier at 1527 Lake Road Norfolk County, ON (Approximate Latitude: 42°34'57.88"N, Longitude: 80°35'22.71"W, Figure 1). A detailed geotechnical investigation has been completed to delineate subsoil profile at the proposed site. DFO is requesting bids for a Design-Build contract to design and construct the storage building. The proposed site is on private land and DFO has received the landowner's permission to construct the storage building.

1.2. **Objective** - To design and build a new storage building.

2. **Reference Documents** - A geotechnical investigation report and site plan for the proposed site will be provided at the mandatory site meeting.

#### **3. Requirements**

3.1. **Scope of Work** – The successful bidder will develop detailed design drawings and construct a storage building with the previously described dimensions. The construction will include: preparation of the foundation and concrete floor; supply and installation of steel storage building and its components, and; cleanup and restoration of the construction site.

##### 3.2. **Steps for Scope of Work/Design and Construction**

3.2.1. Review site-specific information, geotechnical report.

3.2.2. Develop detailed design drawings of the proposed structure.

3.2.3. DFO will provide comments on the detailed design drawings.

3.2.4. Submit final design drawings and specifications for construction of the building. The final design drawings and specification must be approved by a professional engineer designated to work in Canada before proceeding to the construction.

3.2.5. Prepare floor subgrade and foundation as per approved design drawings.

3.2.6. Fabricate and install storage building and components.

3.2.7. Cleanup and restore the building site.

3.2.8. Obtain a final inspection from the design engineer or a professional engineer qualified to inspect steel structures.

4. **Completion Date** - All work, including design, installation and cleanup is to be completed by March 2, 2018.

4.1. Permits - The successful bidder will locate underground utilities and obtain the necessary permit for construction work. DFO has received approval from the landowner for the construction of the new storage building.

**5. Site Safety**

The contractor will identify potential hazards at the site and prepare a job safety plan to mitigate hazards while work is ongoing. Potential hazards may include:

5.1. Tripping hazard when working on uneven ground.

In addition to above, the following precautions shall be taken during construction and restoration work:

5.2. All work will be done to minimize loss of materials into river by surface runoff;

5.3. A silt fence will be used as required;

5.4. Workers will be required to wear hard hats, safety boots and safety glasses at all times.

6. **Submission of Deliverables and Acceptance** - Deliverables will be: (1) draft design drawings; DFO staff will review draft design and provide comments; (2) final approved design drawings; (3) job safety plan; (4) construction schedule; (5) supply of new storage building; (6) restoration of disturbed soils by placement of seed and mulch.

7. **Method of Payment** - A single lump sum payment will be made 30 days net of submission, subject to final inspection and approval of the work by the designated engineer.

8. **Basis of Payment** - Upon completion of deliverables, payment will be rendered as per the contract, and will include all fees, staff day costs, travel, administration, drafting, drilling, excavating, testing, inspection and any other cost to complete the prescribed design and construction work.

**9. Ownership**

DFO retains the right to reproduce design drawings and printed materials prepared by the successful bidder for construction.

**10. Confidentiality and Conflict of Interest**

All knowledge, data and deliverables will be considered confidential. The bidder must express any and all conflicts of interest before commencing any work under the awarded contract. The bidder must not engage in any other work that would constitute a conflict of interest to work performed under the awarded contracts.

**11. Environmental Conditions**

The bidder will be responsible for adhering to Environmental Conditions. DFO will be responsible for claims for damages from the property owner only if the contractor has adhered to the Environmental Conditions. The bidder will be liable for all claims or charges from regulatory agencies that arise from deviations from the Environmental Conditions, as listed below:

- a. All material used in the project should be free of deleterious substances as defined under the Fisheries Act.
- b. All material used in the project should be delivered, stored and placed in such a manner as to prevent introduction of deleterious substances into the river by surface runoff.
- c. Care should be taken to prevent damage to the grounds and property of the landowner(s), and minimize the footprint associated with the work. All disturbed soils should be stabilized. Any disturbed surface should be restored similar to its original condition.
- d. Cleanup of site after work to the satisfaction of DFO representative. Refuse and slash are to be removed from the site.
- e. Sediment and erosion control measures should be implemented prior to construction, if necessary, to prevent entry of sediment into the water by any means.
- f. All equipment used for the project should be in good repair and free from leaks.
- g. Servicing and fuelling of equipment should be done off-site.
- h. Any equipment developing a leak should be removed from the site immediately. Any spill should be reported to the Ministry of the Environment and Climate Change, and cleaned up immediately.

**12. Insurance**

The proposed site is privately owned. The successful bidder will carry general liability insurance for working in this area, as per DFO's standard (\$2M).

**13. Site Access**

A mandatory site visit for bidding purposes will be coordinated through the DFO. Visits will be at the bidder's own expense.

**14. Location of the Site**

The site is located at 1527 Lake Road, Norfolk County, ON, approximate Latitude: 42°34'57.88"N, Longitude: 80°35'22.71"W.

**15. Disclaimer:**

DFO-SCC reserves the sole right, without incurring any liability, to change any aspect of the proposed procurement described above, including the right to not proceed with the procurement and/or the right to proceed in a different manner or on a different timeline than described above.

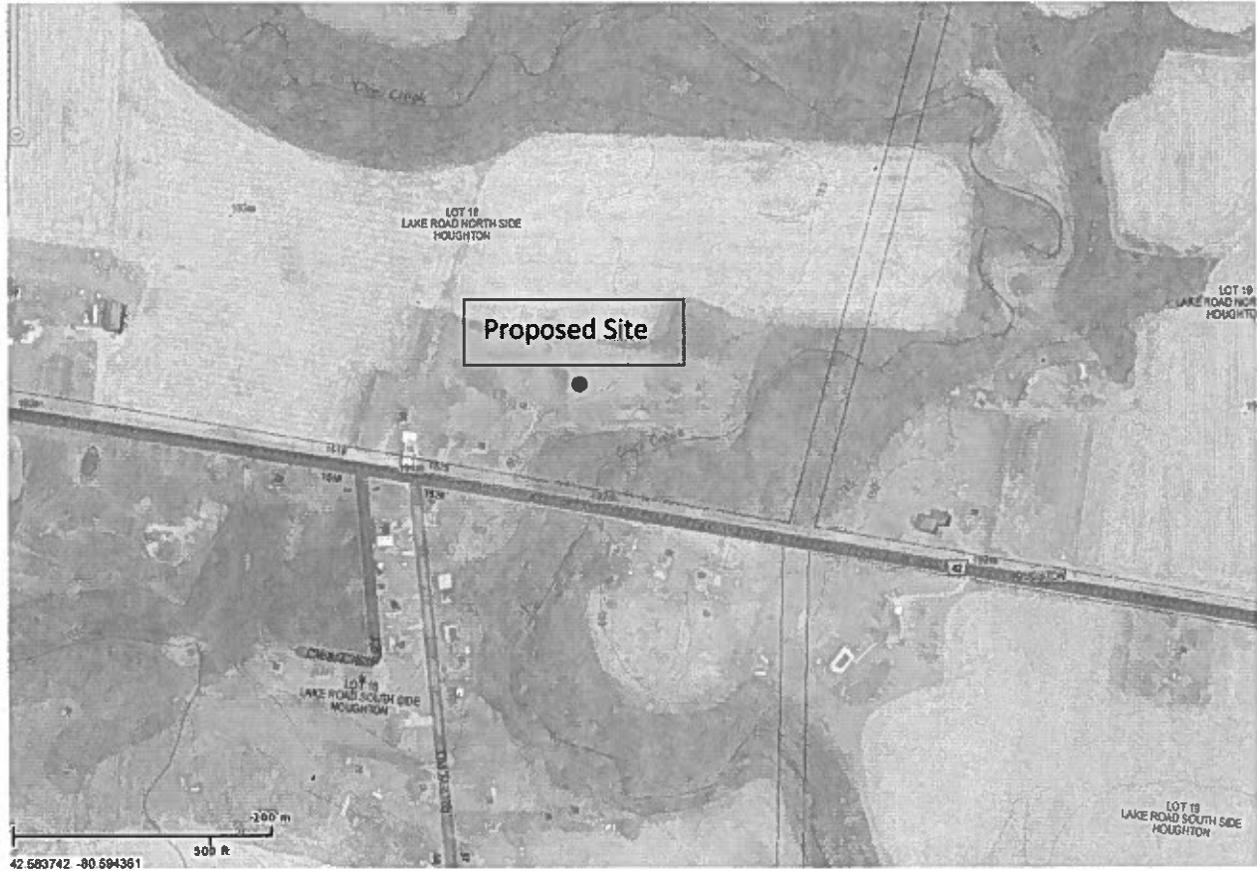


Figure 1. Location of the proposed storage building, 1527 Lake Road, Norfolk, ON.