

F1700-150949/A

Statement of Work / Specifications

**Facility Wide Power Backup Generator
Installation**

Victoria Coast Guard Base, Victoria B.C.

1.0 Introduction

1.1 Title

Facility Wide Power Backup Generator Installation

1.2 Project Introduction

Electrical Site Services are being sought for the installation of one standby generators for the Canadian Coast Guard Base in Victoria, British Columbia. The Canadian Coast Guard Base in Victoria is a Fisheries and Oceans Canada facility operated by its Real Property Branch.

2.0 Scope of Work

2.1 Services Required

Department of Fisheries & Oceans Canada (DFO) will retain an Contractor through PWGSC for the provision of construction services for this project.

Contractors are to provide a lump sum. Contractors are to bid according to the current site conditions observed at the bidders site visit as well as specifications provided.

2.2 Overview of Scope

The Contractor will provide all labour, materials, and equipment required to complete the full installation of the standby generator. The contractor shall provide each component in accordance with the component descriptions in the attached specifications, general drawings, details, as well as comply with the overall intent of the National Building Code, the British Columbia Building Code, the Canadian Electrical Code, and instruction from electrical engineering firm assisting in the project oversight.

Work of this Contract comprises of but is not necessarily limited to the supply and installation of the following general items:

- .1 The project comprises the installation of one 800Kw standby generator, the installation of automatic transfer switches, controls and cabling associated with the generator installation
- .2 DFO has already placed an order with Cummins Power Generation for the supply FOB of generation equipment to the Canadian Coast Guard Base in Victoria BC.
- .3 The contractor shall install, test and commission the equipment in accordance with the tender drawings.

.4 Contractor is responsible for the receiving, signing for, and offloading of the 800 Kw generator unit once it is delivered to the site from Cummins. This includes crane rental and equipment rental to maneuver the generator. The contractor will inspect the equipment on site and advise the owner and engineer of any deficiencies, concerns or missing equipment prior to the work commencing.

.5 The installation will be undertaken in a live environment. Interruptions to electrical service to the facility and relocation of transformers will be restricted to Saturdays and Sundays only. All interruptions will be agreed in advance with the owner. Provide a minimum of 72 hours notice for all shutdowns.

2.3 Specifications and Standards

- .1 Work performed under this contract shall meet the objectives laid out in the SOW, Specifications, General Drawings, and Details by taking a logical, structured and cost effective approach.
- .2 The workmanship is to be of a uniform, high quality finish in accordance with the best trade practices. Electrical permit to be obtained at Contractors cost.
- .3 The Contractor shall ensure work complies with the National Building Code, the Master Municipal Construction Drawings, and the British Columbia Building Code. Where conflict arises, the more stringent standard shall apply. The contractor is responsible for obtaining clarifications prior to Tender Closing in the time allotted.
- .4 The Contractor shall comply with all WorkSafe BC Health and Safety Standards and provide a Health and Safety Plan prior to commencement
- .5 **Electrical Contractor is to be the prime holder of an electrical ‘A Ticket’.**

2.4 Milestones

- .1 The following milestones (in calendar days) have been established for the implementation of this project. The Contractors detailed schedule should meet the milestones or match as closely as possible for each task.

Project Milestone	Time-Frame
Contract Award	Day 0
Pre-commencement Meeting	Award + 7 days
Contractor Shop Drawings/Submittals to DFO Project Manager	Award + 14 days
Contract Completion Date (CCD-100%)	30 April 2016

- .2 Following the approval of the Contractor’s schedule by the DFO Project Manager, the Contractor shall notify the tenants of the work schedule, and take the necessary measures to complete the work within the scheduled time-frame

- .4 Product submittals are required to ensure that the specified material and products are furnished and installed in accordance with design intent as expressed in the contract documents. Until submittals are reviewed and approved by the project authority, work involving relevant material or product may not proceed. Submittals will be reviewed by the project authority and responses provided within 3 working days.

2.5 Method and Source of Acceptance

Unless otherwise noted, the manner in which the work will be judged as complete and satisfactory will only be accepted in writing from the overseeing Electrical Engineering firm.

2.6 Tender Prices

Bidders are to provide a lump sum quotation.

3.0 Other Terms and Conditions of the SOW

3.1 Communications Management

- .1 All communications shall be directed to the DFO Project Manager.

3.2 Health and Safety

.1 The Contractor must provide their health and Safety Policy for this project and provide to DFO Project Manager for review and acceptance prior to commencing work.

.2 If the Contractor discovers conditions that pose an immediate significant threat to human health or the environment, the Contractor shall notify the DFO Project Manager immediately.

3.3 Site Control

- a) Contractor supplied disposal bins are to have a closable lid, and remain closed when being loaded.
- b) Clean-up, temporary fencing, and storage; The Contractor shall provide, install and maintain all necessary control measures to ensure the work does not impact the adjacent environment or occupants. Provide secure temporary storage facilities and fencing for materials and equipment if necessary. Clean up debris daily from the work area and ensure all hazardous impediments are removed or adequately stored or protected. The jobsite shall be left clean, neat and in a safe condition at the completion of each workday to the satisfaction of the DFO representative.
- c) Adequate storage areas for material and equipment will be provided onsite for the Contractor for the duration of the project
- d) The contractor shall provide sanitary facilities for use by employees.

e) Smoking is not permitted on the worksite.

3.4 Security Requirements – There is no security requirement for this contract.

The Company working under this project will not be given access to sensitive information or assets.

4.0 Site Parking

Site parking will be made available for official “Company Marked” Vehicles only. Personal vehicles will not be permitted onsite.