



Jan 19th, 2017

Statement of Work

Project: FII2 FP802-160403 (F5654-160111) Mactaquac Electrical repairs & upgrade construction

Location: Mactaquac Biodiversity Facility, 114 Fish Hatchery Lane, Kingsclear, NB E3E 2C6

Statement of Work

This project is to repair or upgrade all the electrical related items identified in the last building condition inspection as follows:

- a. Electrical Room main breaker to be replaced, and the existing breaker to be serviced & used as a spare
- b. Electrical Room unit heater replacement
- c. Operational indicators for well house pumps to be tested and repaired as necessary.
- d. Thermographic analysis of all existing switchboard, transformer, etc., and clean, check all electrical equipment in Electrical Room 120 to factory recommended specifications
- e. Extend transformer ground for Right Wing Fish Pond Structure to main service ground
- f. Repairing fish feeder electrical system
- g. Installation of six (6) pull stations
- h. Electrical work to make electric hoists in Sorting Building to be able to operate with a portable emergency generator.
- i. Electrical work in the Chemical Storage room for the existing lamps, air proving switches, exhaust fans etc.
- j. Replacement of Washroom hand dryer in the Administration Building.
- k. Make Locker/Storage room exhaust fan to run 24 hours/day
- l. Replacement of existing lighting in Mechanical room basement with waterproof lighting
- m. Install new receptacles with ground fault breakers for Garage Building.
- n. Electrical work to make Administration Building office area to be able to operate with a portable emergency generator

Additional requirements of the project

- a. The construction schedule shall not interrupt the Science Program on site.
- b. The contractor will demonstrate to the project engineer during the final inspection that the contract documents are followed.
- c. The contractor is to provide price to supply and install all labour, materials, permits, etc... for this project.
- d. The contractor will include the information about the warranty (period and items to be covered)

- e. The contractor will provide the as-built drawings in one-week following the project substantial completion inspection.

Work Schedule

- a. Project completion by March 31, 2017.
- b. Notifying the project engineer once the work is completed, the project engineer will coordinate final inspection
- c. Provide at least 48 hours advanced notice to the project engineer before coming to the site for the first time to start the work

Other Requirements

- Proof of Liability Insurance
- Letter of Good Standing with WorkSafe NB or equivalent