



ELECTRICAL BUILDING SPECIFICATION



**CORRECTIONAL SERVICE CANADA
PORT-CARTIER INSTITUTION**

CLIENT FILE N°: 550-2-368-1302

REPLACEMENT OF THE EMERGENCY SYSTEM ATS

ADDENDUM N° 1

**PROJECT : 131-20834-00
CONTRACT : 9300-001**

July 2015

| Discipline | Prepared by | Seal |
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Electrical

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This addendum addresses all general contractors, subcontractors, material suppliers, workforce and/or all people concerned by the project.

This addendum consists in completing, changing or correcting certain articles or certain drawings of execution plans and/or specification.

NOTICE TO GENERAL CONTRACTORS AND SUBCONTRACTORS

ELECTRICITY

.1 Specification – Section 01 00 50

Article 1.2.6.1 and 1.2.6.2 are removed, article 1.2.6 remains in specification.

.2 Specification – Section 01 00 50

Article 1.2.9 is removed.

.3 Specification – Section 01 00 50

In article 1.2.25, the following text has been added:

« A sealant for the concrete must be used ».

.4 Specification – Section 01 00 50

Article 1.2.11.29.1 is added:

« The contractor will have to produce detailed procedures of cuts for all liable work ».

.5 Specification – Section 01 00 50

Article 1.2.11.30.1 is modified as follows:

*« The supply, **wiring**, maintenance and fuel for the temporary generators during work on the existing ATS are under the responsibility of the owner (SCC) ».*

.6 Specification – Section 01 00 50

Article 1.2.11.30.2 is modified as follows:

« The generators are connected by the electrical contractor. The cables, connectors and all hardware necessary are provided by the electrical contractor. The first generator is connected to the main switch (load side) of the pumping station. The second generator is connected to the main switch (power side) of the pumping station to power CDU.

Connectors used for the main switch connections are mechanical type. Compressed connectors are not accepted ».

.7 Specification – Section 01 00 50

Article 1.2.11.30.4 is modified as follows:

« Maximum outage time for connecting both generators: 1 hour, ~~from 03h00 AM~~ ».

.8 Specification – Section 01 00 50

Article 1.2.11.30.7 is modified as follows:

« Maximum outage time to remove both generator connections: 1 hour, ~~from 03h00 AM~~ ».

.9 Specification – Section 01 00 50

Article 1.2.11.30.8 is added.

« *No stoppage or shut down of electrical services at night will be tolerated. The procedure can begin in the twilight, power down will be made in the light of day* ».

.10 Specification – Section 01 00 50

Article 1.2.11.31 is added

« *During trench work, to locate elements under concrete slab of the generator room between the existing and new switch, an x-ray or an echo-sounder reading will be realized by the electrical contractor* ».

.11 Specification – Section 01 00 50

Article 1.2.11.32 is added.

« *The materials from demolition of floor slab and material extracted from the trench will be handed over to the owner. A bin will be forecasted for this purpose situated close to the building acces door. The contractor must coordinate with the owner for the use of this service* ».

.12 Specification – Section 01 00 50

Article 1.2.11.33 is added.

« *In the pumping station, the existing ground will be used for the temporary connections* ».

.13 Plan E-02

Only the unit heater and strobe light are relocated.

.14 Answer to questions.

1. There is no firewall shutter in the air inlet to be modified
2. The air inlet modification must be done as specified on plans.
3. Photographs of pumping station main switch are in appendix in this addendum.

PHOTOGRAPHS



Photo n° 1 – Location of pumping station main switch



Photo n° 2 – Main switch interior



Photo n° 3 – Main switch interior



Photo n° 4 – Main switch interior