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**Decommissioning, Demolition and Site Restoration SSB HQ**  
**Southside Road, St. John's, NL**  
**Project No. R.111146.001**

2020/12/01

Section 01 51 00 – Temporary Utilities

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**PART 1**      **GENERAL**

**1.1**            **RELATED SECTIONS**

- .1      Section 01 52 00 - Construction Facilities.
- .2      Section 01 56 00 - Temporary Barriers and Enclosures.

**1.2**            **INSTALLATION AND REMOVAL**

- .1      Provide temporary utilities controls in order to execute work expeditiously.
- .2      Remove from site all such work after use.

**1.3**            **DEWATERING**

- .1      Provide temporary drainage and pumping facilities to keep excavations and site free from standing water. Ensure all drainage water is relatively free from siltation to Regulatory approval.

**1.4**            **WATER SUPPLY**

- .1      If required for the Contractor's work activities, arrange for connection with appropriate utility company and pay all costs for installation, maintenance and removal.

**1.5**            **TEMPORARY HEATING AND VENTILATION**

- .1      Pay for costs of temporary heat and ventilation used during demolition activities, including costs of installation, fuel operation, maintenance and removal of equipment. Use of direct, fired heaters discharging waste products into work areas will not be permitted unless prior approval is given by Departmental Representative.
- .2      Construction heaters used inside building must be vented to outside or be non-flameless type. Solid fuel salamanders are not permitted.
- .3      Provide temporary heat and ventilation in enclosed areas as required to:
  - .1      Facilitate progress of Work.
  - .2      Provide adequate ventilation to meet health regulations for safe working environment.
- .4      Ventilating:
  - .1      Prevent accumulations of dust, fumes, mists, vapours or gases in areas occupied during construction.
  - .2      Provide local exhaust ventilation to prevent harmful accumulation of hazardous substances into atmosphere of occupied areas.

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- .3 Dispose of exhaust materials in manner that will not result in harmful exposure to persons.
- .4 Ventilate storage spaces containing hazardous or volatile materials.
- .5 Ventilate temporary sanitary facilities.
- .6 Continue operation of ventilation and exhaust system for time after cessation of work process to assure removal of harmful contaminants.
- .5 Maintain strict supervision of operation of temporary heating and ventilating equipment to:
  - .1 Conform with applicable codes and standards.
  - .2 Enforce safe practices.
  - .3 Prevent abuse of services.
  - .4 Vent direct-fired combustion units to outside.
- .6 Be responsible for damage to Work due to failure in providing adequate heat, humidity and protection during construction.
- .7 Use of existing systems for temporary heating, ventilating or air conditioning will be permitted. Contractor will be responsible for all maintenance, operation and fuel to keep boiler operational as required.

**1.6 TEMPORARY POWER AND LIGHT**

- .1 Provide and pay for temporary power during constructing for temporary lighting, heating, site construction trailers and operating of power tools in accordance with governing regulations and the Canadian Electrical Code, latest edition.
- .2 Arrange for connection with Utility company. Pay all costs for installation, maintenance and removal of cables, distribution and branch panel boards, poles, lighting, heating and general power receptacles as required.
- .3 Temporary power for electric cranes and other equipment requiring in excess of above is responsibility of Contractor.
- .4 Provide and maintain temporary lighting throughout project.
- .5 General contractor responsible for payment of all electrical energy charges associated with temporary power.

**1.7 FIRE PROTECTION**

- .1 Provide and maintain temporary fire protection equipment during performance of Work required by insurance companies having jurisdiction and governing codes, regulations and bylaws.
- .2 Burning rubbish and construction waste materials is not permitted on site.

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**1.8            SANITARY FACILITIES**

- .1      Provide sanitary facilities for work force in accordance with governing regulations and ordinances.
- .2      Post notices and take precautions as required by local health authorities. Keep area and premises in sanitary condition.

**1.9            REMOVAL OF TEMPORARY FACILITIES**

- .1      Remove temporary facilities from site when directed by Departmental Representative.
- .2      When project is closed down at end of construction season keep temporary facilities operational until close down or removal is approved by Departmental Representative.

**PART 2            PRODUCTS (NOT APPLICABLE)**

**PART 3            EXECUTION (NOT APPLICABLE)**

**END OF SECTION**