

**Part 1            General**

**1.1                ACTION AND INFORMATIONAL SUBMITTALS**

- .1        Provide submittals in accordance with Section 01 33 00 - Submittal Procedures.

**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.

**1.4                WATER SUPPLY**

- .1        As long as the Citadel's supply system capacity is sufficient, the Departmental Representative will provide continuous supply of potable water for construction use. The Contractor will be permitted to use existing exterior faucets located along the façades of the building.
- .2        Should the Contractor require a significant quantity of water over a short period of time, he will have to get a tank truck with adequate pumping equipment.

**1.5                TEMPORARY POWER AND LIGHT**

- .1        Provide temporary heating required during construction period, including attendance, maintenance and fuel.
- .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        Protect Work and products against dampness and cold.
  - .3        Prevent moisture condensation on surfaces.
  - .4        Provide ambient temperatures and humidity levels for storage, installation and curing of materials.
  - .5        Provide adequate ventilation to meet health regulations for safe working environment.
- .4        Maintain temperatures of minimum 15 degrees C in areas where construction is in progress.
- .5        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.
- .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.
- .6 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 Prevent damage to finishes.
  - .5 Vent direct-fired combustion units to outside.
- .7 Be responsible for damage to Work due to failure in providing adequate heat and protection during construction.

## **1.6 TEMPORARY POWER AND LIGHT**

- .1 The Contractor will be permitted to use power supply from the existing exterior outlets installed for special events and located just south of the prison. However, the Contractor will have to connect this supply to his network (required distribution panel and wiring from the outlets to the construction site and any other installation required for the work). The Contractor must notify the Departmental Representative at least 72 hours in advance to make sure that an electrician from DND will be on site to supervise this installation.
- .2 For any special need or should the work require power supply greater than what is available through the exterior outlets, the Contractor will provide additional temporary power and pay for these equipments, temporary lighting and operating of power tools during construction.
- .3 Provide and maintain temporary lighting throughout project. Ensure level of illumination on all floors and stairs is not less than 162 lx.

## **1.7 TEMPORARY COMMUNICATION FACILITIES**

- .1 The Contractor must provide and pay for temporary telecommunications installations, such as cell phones, portable computer, wireless internet connection (modem through USB key) for his own use; the contractor must also ensure hookup of his installations to the main networks and assume costs for all these services.

## **1.8 FIRE PROTECTION**

- .1 Provide and maintain temporary fire protection equipment during performance of Work required by insurance companies having jurisdiction governing codes, regulations and bylaws.

- .2 Burning rubbish and construction waste materials is not permitted on site.

**Part 2 Products**

**2.1 NOT USED**

- .1 Not Used.

**Part 3 NOT USED**

- .1 Not Used.

**END OF SECTION**