

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 and to execute work expeditiously.
- . 2 Remove from site all such work after use.

1.3 TEMPORARY HEATING AND VENTILATION

- . 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 flameless (vent free) 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 10 degrees Celsius 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 Permanent heating system of building, to be used when available. Be responsible for damage to heating system if use is permitted.
- . 7 On completion of Work for which permanent heating system is used, replace filters, and clean HVAC units and duct work.

- . 8 Be responsible for damage to Work due to failure in providing adequate heat and protection during construction.

1 . 4 TEMPORARY POWER AND LIGHT

- . 1 Connect to existing power supply in accordance with Canadian Electrical Code.
- . 2 Electrical power and lighting systems installed under this Contract may be used for construction requirements only with prior approval of Departmental Representative provided that guarantees are not affected. Make good damage to electrical system caused by use under this Contract
- . 3 Provide and maintain temporary lighting throughout project. Ensure level of illumination on all floors and stairs is not less than 162 lx.

1 . 5 TEMPORARY COMMUNICATION FACILITIES

- . 1 Provide and pay for temporary telephone, fax and data lines necessary for own use.

1 . 6 FIRE PROTECTION

- . 1 Provide and maintain temporary fire protection equipment during performance of Work required by 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 EXECUTION

3 . 1 NOT USED

- . 1 Not Used.

END OF SECTION