PART 1 - GENERAL

1.1 SECTION INCLUDES

.1 This Section includes requirements for furnishing provision and payment for temporary utilities required to execute the Work.

1.2 MEASUREMENT AND PAYMENT

.1 Payment for furnishing, provision and payment for Temporary Utilities shall not be measured separately for payment and shall be included in the Lump Sum section of Appendix 1 - Combined Price Form of the Bid and Acceptance Form.

1.3 INSTALLATION AND REMOVAL

.1 Provide temporary utilities controls in order to execute work expeditiously.

.2 Remove from site all such work after use.

1.4 WATER SUPPLY

.1 Provide continuous supply of potable water for construction use.

1.5 TEMPORARY HEATING AND VENTILATION

.1 Provide temporary heating required during construction period, including attendance, maintenance and fuel.

.2 Construction heaters used inside building shall be vented to outside or be non-flameless type. Solid fuel salamanders are not permitted.

.3 Provide heating and ventilation suitable for the purpose at hand and allow for safe working environment compliant with applicable regulations and industry standards.

.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.
  .3 Dispose of exhaust materials in manner that will not result in harmful exposure to persons.

1.5 TEMPORARY HEATING AND VENTILATION (Cont'd)	.4	(Cont'd)
		.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 Prevent damage to finishes.
		.5 Vent direct-fired combustion units to outside.
	.6	Be responsible for damage to Work due to failure in providing adequate heat and protection during construction.
1.6 TEMPORARY POWER AND LIGHT	.1	Temporary power for construction is to be taken from the existing substation located at the PGWMF site. Maximum power supply of 1000 kVA, at 600 volts, 3 phase, 60 Hz, is available and will be provided for construction use at current cost rates. Connect to existing power supply in accordance with Canadian Electrical Code and provide meters and switching.
	.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. Replace lamps which have been used for more than 3 months.
	.3	Provide and maintain temporary lighting throughout project.
	.4	Provide a standby generator in a sound attenuation enclosure, to cover any power outage at any time and duration as indicated on drawings. Contractor shall submit product data and shop drawings in accordance with Section 26 05 00 - Common Work Requirements - Electrical.

1.7 TEMPORARY COMMUNICATION FACILITIES

.1 Provide and pay for temporary telephone, fax, data hook up, lines and equipment necessary for own use and use of Departmental Representative.

1.8 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.

PART 2 - PRODUCTS

2.1 NOT USED

.1 Not Used.

PART 3 - EXECUTION

3.1 NOT USED

.1 Not Used.

———— END OF SECTION ————