

Part 1 General

1.1 REFERENCES

- .1 Province of Ontario
 - .1 Occupational Health and Safety Act, R.S.O. 1990 Updated 2005.
- .2 Province of Québec
 - .1 Code de sécurité pour les travaux de construction, chapitre S-2.1, r. 4
- .3 Canadian General Standards Board (CGSB)
 - .1 CAN/CGSB 1.189-00, Exterior Alkyd Primer for Wood.
 - .2 CGSB 1.59-97, Alkyd Exterior Gloss Enamel.
- .4 Canadian Standards Association (CSA International)
 - .1 CSA-A23.1/A23.2-04, Concrete Materials and Methods of Concrete Construction/Methods of Test and Standard Practices for Concrete.
 - .2 CSA-0121-M1978(R2003), Douglas Fir Plywood.
 - .3 CAN/CSA-S269.2-M1987(R2003), Access Scaffolding for Construction Purposes.
 - .4 CAN/CSA-Z321-96(R2001), Signs and Symbols for the Occupational Environment.
- .5 Public Works Government Services Canada (PWGSC) Standard Acquisition Clauses and Conditions (SACC)-ID: R0202D, Title: General Conditions 'C', In Effect as of: May 14, 2004.
- .6 U.S. Environmental Protection Agency (EPA) / Office of Water
 - .1 EPA 832R92005, Storm Water Management for Construction Activities: Developing Pollution Prevention Plans and Best Management Practices.

1.2 INSTALLATION AND REMOVAL

- .1 Refer to Plans to evaluate size of construction staging area.
- .2 Prepare site plan indicating proposed location and dimensions of area to be fenced and used by Contractor, number of trailers to be used, avenues of ingress/egress to fenced area and details of fence installation.
- .3 Identify areas which have to be gravelled to prevent tracking of mud.
- .4 Indicate use of supplemental or other staging area.
- .5 Provide construction facilities in order to execute work expeditiously.
- .6 Remove from site all such work after use.

1.3 SCAFFOLDING

- .1 Scaffolding in accordance with CAN/CSA-S269.2.

- .2 Provide and maintain scaffolding, ramps, ladders, swing staging, platforms and temporary stairs.

1.4 SITE STORAGE/LOADING

- .1 Confine work and operations of employees by Contract Documents. Do not unreasonably encumber premises with products.
- .2 Do not load or permit to load any part of Work with weight or force that will endanger Work.

1.5 CONSTRUCTION PARKING

- .1 The Contractor and all his subcontractors must make necessary arrangements for the off-site parking of their worker's vehicles and obtain parking permits as required.
- .2 Provide three parking spaces to the Departmental Representative. Obtain and pay for permits as required.

1.6 SITE SECURITY

- .1 Provide and pay for responsible security personnel to guard site and contents of site after working hours and during holidays.

1.7 DEPARTMENTAL REPRESENTATIVE'S SITE OFFICES

- .1 Provide temporary office for Departmental Representative. Location of trailer to be designated by the Departmental Representative. Trailer to remain on-site until completion of work.
- .2 Inside dimensions minimum 13 m long x 3.7 m wide x 2.4 m high, with floor 0.3 m above grade, complete with 8 50% opening windows and two lockable door.
- .3 Insulate building and provide heating system to maintain 22 degrees C inside temperature at -20 degrees C outside temperature.
- .4 Provide sufficient amount of air conditioning to maintain 22 degrees C inside temperature.
- .5 Finish inside walls and ceiling with plywood, hardboard or wallboard and paint in selected colours. Finish floor with floor tiles.
- .6 Install electrical lighting system to provide min 750 lx using surface mounted, shielded commercial fixtures with 10 % upward light component.
- .7 All exterior doors to be solid and capable of being locked with 25 mm deadbolts and external padlocks. Heavy duty security screens to be installed on all windows.
- .8 Provide one private washroom facility for Departmental Representative's use only adjacent to office complete with flush or chemical type toilet, lavatory and mirror and maintain supply of paper towels and toilet tissue.
- .9 Temporary office to be subdivided into 3 rooms; a boardroom / general work area and 2 offices. Offices to be located at each end and to be 3.0 m long, complete with functional door. Each office must have two 50% opening windows.
- .10 Equipment

- .1 Boardroom must contain table and chairs to accommodate 6 persons.
- .2 Each end office must contain one desk with drawers and a chair, one reference table measuring 2.0m long x 0.75m, plan rack, a 4 drawer lockable filing cabinet, and a clothing rack with a shelf.
- .3 The general work area must contain a water cooler, a microwave, a refrigerator, and a clothing rack, with shelf. The Contractor must supply the water.
- .4 Supply and maintain a printer-copier-scanner for the sole use of the Departmental Representative capable of reproducing 11"x17" copies in colour and with automatic sort feature. Supply of paper will be the responsibility of the Departmental Representative.
- .5 Provide marked and fully stocked first-aid case in a readily available location.
- .11 Stolen or non-operational equipment as specified under this section must be repaired or replaced immediately at the Contractor's expense.
- .12 Arrange and pay for the installation of high speed internet.
- .13 Maintain trailer daily and maintain safe at all times.
- .14 Maintain the private washroom daily.
- .15 Maintain in clean condition.
- .16 The Contractor and his Subcontractors to provide their own offices as necessary in separate trailer(s).

1.8 EQUIPMENT, TOOL AND MATERIALS STORAGE

- .1 Provide and maintain, in clean and orderly condition, lockable weatherproof sheds for storage of tools, equipment and materials.
- .2 Locate materials not required to be stored in weatherproof sheds on site in manner to cause least interference with work activities.

1.9 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.

1.10 PROTECTION AND MAINTENANCE OF TRAFFIC

- .1 Protect travelling public from damage to person and property.
- .2 Contractor's traffic on roads selected for hauling material to and from site to interfere as little as possible with public traffic.
- .3 Verify adequacy of existing roads and allowable load limit on these roads. Contractor responsible for repair of damage to roads caused by construction operations.
- .4 Construct access and haul roads necessary. Location, grade, width, and alignment of construction and hauling roads: subject to approval by Departmental Representative.
- .5 Haul roads: constructed with suitable grades and widths; sharp curves, blind corners, and dangerous cross traffic must be avoided.

- .6 Provide necessary lighting, signs, barricades, and distinctive markings for safe movement of traffic.
- .7 Dust control: adequate to ensure safe operation at all times.
- .8 Lighting: to assure full and clear visibility for full width of haul road and work areas during night work operations.
- .9 Provide snow removal during period of Work.
- .10 Remove, upon completion of work, haul roads designated by Departmental Representative.
- .11 Adequately protect the access ways under the bridge which must remain open during the work.

1.11 CLEAN-UP

- .1 Remove construction debris, waste materials, packaging material from work site daily.
- .2 Clean dirt or mud tracked onto paved or surfaced roadways.
- .3 Store materials resulting from demolition activities that are salvageable.
- .4 Stack stored new or salvaged material not in construction facilities.

1.12 RESTORATION

- .1 Record pre-construction conditions that pertain to restoration of the sites after completion of the rehabilitation works, and ensure that these records are available and in use on site while performing the restoration work.
- .2 At the end of rehabilitation works, re-establish all affected soils and slopes and restore previously grassed areas by sodding.
- .3 Reinstate salvaged or new materials not otherwise provided in the contract such as, but not limited to, curbs, stones, fences, shrubs, hedges, trees, signs etc. If materials cannot be salvaged, they must be replaced with appropriate new materials.
- .4 Restoration to match existing materials and dimensions, and be completed to pre-construction conditions.

Part 2 Products

2.1 NOT USED

- .1 Not Used.

Part 3 Execution

3.1 NOT USED

- .1 Not Used.

END OF SECTION