

## **1 GENERAL**

### **1.01 RELATED REQUIREMENTS**

- .1 Section 01 33 00 - Submittal Procedures.

### **1.02 REFERENCES**

- .1 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.
- .2 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.
- .3 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.

### **1.03 ACTION AND INFORMATIONAL SUBMITTALS**

- .1 Provide submittals in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Submit detailed scaffolding shop drawings including engineer's design calculations, including loadings on existing structures, bearing seal and signature of professional engineer licensed to practice in Nova Scotia.
- .3 The Departmental Representative's review is intended to check the effects of the scaffold on the building structure only. The design of the scaffold system is the responsibility of the scaffold design engineer.
- .4 Professional engineer responsible for design of scaffolding system shall visit site and periodically inspect the scaffolding after its erection thereafter but not less than once every 2 months and promptly report his findings in writing with copy to the Departmental Representative.

### **1.04 INSTALLATION AND REMOVAL**

- .1 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.
- .2 Indicate use of supplemental or other staging area.
- .3 Provide construction facilities in order to execute work expeditiously.

- .4 Remove from site all such work after use.

#### 1.05 SCAFFOLDING

- .1 Scaffolding in accordance with CAN/CSA-S269.2.
- .2 Provide and maintain scaffolding, ladders and platforms.
- .3 Scaffolding shall be anchored into the existing masonry with fasteners located in mortar joints only.
- .4 Scaffolding platforms shall coincide with roof level and at other levels as required and be continuous around the perimeter of the building at each level.
- .5 Working platforms must extend to the vertical face of the building at all levels, providing close access to all surfaces where work is taking place.
- .6 Provide complete guardrails, safety curbs and debris and dust covering (full polyethelene netting) over entire scaffold face to prevent the migration of dust and debris, and to provide safety from falling tools. Provide toe boards at the edge of all scaffold platforms.

#### 1.06 HOISTING

- .1 Provide, operate and maintain hoists required for moving of workers, materials and equipment. Make financial arrangements with Subcontractors for their use of hoists.
- .2 Hoists to be operated by qualified operator.

#### 1.07 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.

#### 1.09 SECURITY

- .1 Provide and pay for responsible security personnel to guard site and contents of site after working hours and during holidays.
- .2 Secure site boundary and base of scaffolding with mechanical locks at the end of each work day.

#### 1.10 OFFICES

- .1 Provide table and chairs, of sufficient size to accommodate site meetings.
- .2 Provide marked and fully stocked first-aid case in a readily available location.
- .3 Subcontractors to provide their own offices as necessary. Direct location

of these offices.

#### **1.12 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.

#### **1.13 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.

#### **1.14 CONSTRUCTION SIGNAGE**

- .1 Direct requests for approval to erect Departmental Representative/Contractor signboard to Departmental Representative.
- .2 Signs and notices for safety and instruction in both official languages Graphic symbols to CAN/CSA-Z321.
- .9 Maintain approved signs and notices in good condition for duration of project, and dispose of off-site on completion of project or earlier if directed by Departmental Representative.

#### **1.15 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.

#### **1.16 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.

**2 PRODUCTS**

.1 Not Used.

**3 EXECUTION**

.1 Not Used.

END OF SECTION