

## **1 GENERAL**

### **1.1 General Requirements**

- .1 All requirements of the Contract apply to and govern all work of this Section.
- .2 Comply with the requirements of Division 1.

### **1.2 Standards Referred to in this Section**

- .1 Federal Legislation.
  - .1 Canadian Environmental Assessment Act (CEAA), 1992, c. 37.
  - .2 Canadian Environmental Protection Act (CEPA), 1999, c. 33.
  - .3 Transportation of Dangerous Goods Act (TDGA), 1992, c. 34.

### **1.3 Definitions**

- .1 Demolition: removal of partitions, glazed units, gypsum board, doors- frames and finish hardware. Removal of ceiling acoustic units.

### **1.4 Submittals**

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

### **1.5 Quality Assurance**

- .1 Ensure Work is performed in compliance with CEPA, CEAA, TDGA

### **1.6 Environmental Requirements**

- .1 Do Work in accordance with Section 01 35 43 - Environmental Protection.

### **1.7 Site Conditions**

- .1 Protection.
  - .1 Prevent movement, settlement or damage of adjacent structures, and services. Provide bracing as required. Repair damage caused by deconstruction as directed by Departmental Representative.
  - .2 Support affected structures and, if safety of structure being deconstructed or adjacent structures appears to be endangered, take preventative measures. Cease operations and immediately notify Departmental Representative.
  - .3 Prevent debris from blocking mechanical and electrical systems.

## **2 PRODUCTS**

**2.1 Equipment**

- .1 Leave equipment and machinery running only while in use.
- .2 Demonstrate that tools are being used in manner which allows for salvage of materials in best condition possible.

**3 EXECUTION**

**3.1 Disassembly**

- .1 Materials removed from designated areas are property of Contractor. Glazed partitions, partitions and acoustic ceiling units to be carefully removed for re-use as indicated.
- .2 Throughout course of deconstruction pay close attention to connections and material assemblies. Employ workmanship procedures which minimize damage to materials and equipment.
- .3 Ensure workers and subcontractors are briefed to carry out work in accordance with appropriate deconstruction techniques.
- .4 Project supervisor with previous deconstruction experience must be present on site throughout project.
- .5 Deconstruct in accordance with CSA S350 and applicable safety standards.
- .6 Systematically remove finishes as indicated by Departmental Representative.
- .7 Remove materials that cannot be salvaged for reuse or recycling and dispose of in accordance with applicable codes at licensed facilities.
- .8 Carefully remove doors, hardware and finish hardware for re-use as indicated.

**3.2 Processing**

- .1 Designate location for processing of materials which eliminates double handling and provides adequate space to maintain efficient material flow.
- .2 Keep processing area clean and free of excess debris.
- .3 Supply separate, marked disposal bins for categories of waste material.

**3.3 Stockpiling**

- .1 Label stockpiles, indicating material type and quantity.
- .2 Designate appropriate security resources/measures to prevent vandalism, damage and theft.

- .3 Stockpile materials designated for alternate disposal in location which facilitates removal from site and examination by potential end markets, and which does not impede disassembly, processing, or hauling procedures.

**3.4 Removal from Site**

- .1 Transport material designated for alternate disposal by approved haulers and in accordance with applicable regulations.
- .2 Dispose of materials not designated for alternate disposal in accordance with applicable regulations.

**3.5 Cleaning & Restoration**

- .1 Keep site clean and organized throughout deconstruction.
- .2 Upon completion of Work, remove debris, trim surfaces and leave work site clean.

**END OF SECTION**