

## SECTION 01 74 00 – CONSTRUCTION WASTE MANAGEMENT AND CLEANING

### PART 1 - GENERAL

#### 1.1 REQUIREMENTS INCLUDED

- A. Execute cleaning and disposal of waste materials, debris and rubbish during construction.
- B. Final cleaning of project including interior and exterior.

#### 1.2 RELATED REQUIREMENTS

- A. GENERAL CONDITIONS of the CONTRACT: Cleaning Up.
- B. Section 01 12 00 - MULTIPLE CONTRACT SUMMARY.
- C. Section 01 77 00 - CLOSEOUT PROCEDURES.
- D. Individual Specifications Sections: Specific cleaning for product or work.

#### 1.3 REQUIREMENTS OF REGULATORY AGENCIES

- A. Conduct cleaning and disposal operations to comply with codes, ordinances, regulations and anti-pollution laws.

#### 1.4 DESCRIPTIONS

- A. EACH PRIME CONTRACTOR IS RESPONSIBLE FOR CLEAN UP OF ALL WASTE MATERIALS, DEBRIS AND RUBBISH FROM HIS WORK AND THE WORK OF HIS SUB-CONTRACTORS. Maintain areas under Contractor's control-free of waste materials, debris and rubbish. Maintain site in a clean and orderly condition.
- B. Dumpster and Covered Containers for deposit of debris and rubbish shall be provided under the General Trades Contract including periodic disposal of accumulations or extraneous materials. Separate dumpsters will be provided for each type of recyclable material. Each Prime Contractor will participate in this program and will separate his recyclable materials into each dumpster. Offending Contractors will be back-charged for time spent removing improperly sorted and disposed of materials.
- C. Each Prime Contractor shall include a clean-up line item in their schedule of values.
- D. Each Prime Contractor shall clean up daily and remove to a dumpster provided by the General Trades Contractor all scrap, trash and debris resulting from the Contractor's activities. The General Trades Contractor will also periodically organize a project clean up by all Contractors working on site. Those Contractors on site shall provide labor to assist in this cleanup. Should any Prime Contractor fail to perform such clean-up within a twenty-four (24) hour written or

verbal notice or fail to keep all material and equipment stored in a neat and orderly manner, the Architect shall authorize another Prime Contractor to perform this service on behalf of the offending Prime Contractor and deduct this costs from any payments due the offending Prime Contractor.

- F. Removal from site of all demolition debris will be by the contractor performing the demolition activity.

## PART 2 - PRODUCTS

### 2.1 CLEANING PRODUCTS

- A. USE ONLY those materials which will not create hazards to health or property and which will not damage finishes and surfaces.
- B. In order to control excess dust, the General Trades Contractor shall provide adequate supply of proper dust control additives / compounds. This dust control compound shall be utilized and made available for sweeping operations by all prime contractors.
- C. USE ONLY materials and methods recommended by manufacturer of material being cleaned.

## PART 3 - EXECUTION

### 3.1 DURING CONSTRUCTION

- A. Execute daily cleaning, or as often as needed, to keep the Work, the site and adjacent properties free from accumulations of waste materials, rubbish and windblown debris resulting from construction operations.
- B. Dispose of waste materials, cartons, crating, debris and rubbish at designated waste receptor provided by the General Trades Contractor (i.e. dumpster, truck, etc.) and which shall be disposed of at legal disposal areas away from the site.
- C. The General Trades Contractor shall serve as the lead contractor for coordinating and maintaining a clean project site. It shall be the General Trades Contractor's responsibility to broom sweep the project on a weekly basis prior to enclosed building and on a daily bases after the building is enclosed. This does not eliminate the responsibility of other Prime Contractors for clean up of materials and waste caused by their actions or installation of work.

### 3.2 DISPOSAL

- A. The General Trades Contractor will remove collected waste materials, debris and rubbish from site as soon as dumpster/truck is full and dispose of off-site, in a lawful manner. This project requires that recyclable refuse materials be recycled when possible.

#### 3.3.1 FINAL CLEANING

- A. Prior to final cleaning each Prime Contractor shall remove all debris, extra material etc. from the building to the dumpsters provided by the General Trades Contractor. The General Trades Contractor will provide final cleaning of the building interior. If after a building space is finally cleaned a contractor returns to the cleaned space and creates a condition where the space needs to be cleaned a second time. The Prime Contractor responsible will be charged for the second cleaning service.
- B. The General Trades Contractor shall provide the following as part of final cleaning.
  - 1. Clean exposed exterior and interior hard-surfaced areas to a dirt-free condition, free of stains, films and similar foreign substances.
  - 2. Restore reflective surfaces to their original condition. Polish mirrors and glass, taking care not to scratch surfaces.
  - 3. Provide interior and exterior final cleaning of all windows and glass surfaces.
  - 4. Remove labels that are not permanent.
  - 5. Remove debris and surface dust from limited access spaces, including roofs, plenums, shafts, trenches, equipment vaults, manholes, attics and similar spaces.
  - 6. Sweep concrete floors broom clean in unoccupied spaces.
  - 7. Vacuum carpet and similar soft surfaces, removing debris and excess nap; shampoo if visible soil or stains remain.
  - 8. Wipe surfaces of mechanical, electrical and elevator equipment and similar equipment. Remove excess lubrication, paint and other foreign substances.
  - 9. Clean plumbing fixtures to a sanitary condition and free of stains.
  - 10. Clean light fixtures, lamps and globes.
  - 11. Leave project clean and ready for occupancy.
- C. The General Trades Contractor shall clean Project site, yard and grounds, in areas disturbed by construction activities, including landscape development areas, of rubbish, waste material, litter and other foreign substances. Sweep paved areas broom clean. Remove petrochemical spills, stains and other foreign deposits. Rake grounds that are neither planted nor paved to a smooth, even textured surface. This process will need to occur prior to turning that phase of construction to the owner.
- D. Each Prime Contractor shall provide the final cleaning required within the specifications assigned to their scope of work. See Multiple Contract Summary for additional final cleaning responsibilities.

END OF SECTION