

Coordinate use of Exhibit 32 Waste Management Progress Report – Construction Recycling Report with this section.

## SECTION 01 74 00 CLEANING AND WASTE MANAGEMENT

### PART 1 - GENERAL

#### 1.1 REQUIREMENTS

- A. During the progress of the Work, keep the Project site in a neat and clean condition that is free of debris to the satisfaction of the University's Representative. All materials and debris accumulated in conjunction with completing this Work shall be legally recycled or disposed of by Contractor off campus. Refer to Section 01 77 00 Closeout Procedures for final cleaning requirements.
- B. Furnish labor, containers, transportation and payment of fees associated with recycling, reuse, salvage and disposal of demolition and construction materials. Do not use University refuse or recycling containers except as specifically permitted below.

#### 1.2 RECYCLING

- A. Recover for reuse and recycling debris and waste materials from the Work to achieve a minimum goal of diverting 75 percent of total Project waste (by weight) from landfill. Materials that can not be reused nor recovered and recycled shall be disposed of as waste and debris in a legal and conscientious manner. Contractor may keep all revenues and other incentives for recycling materials from the project.
- B. Recycle, re-use or salvage all of the following materials removed during demolition or transported to the project site and not incorporated into the Project. Provide separate containers with identifying signage for source separation of the following resources. Do not transport these materials to a landfill site:
  - 1. Household recyclables including office paper, plastic bottles, plastic wrapping, etc.
  - 2. Clean dimensional wood, pallet wood
  - 3. Concrete
  - 4. Concrete Block, Brick
  - 5. Cardboard and paper board
  - 6. Glass
  - 7. Gypsum Boards
  - 8. Paint (Non-Lead Base Paint)
  - 9. Metal/Copper/ Steel/Aluminum
  - 10. Organic material suitable for composting or other recycling
  - 11. Carpet and carpet padding
- C. Asphalt grindings shall be delivered from the Project to a location on University property, within 5 road miles from the Project site as designated by the University's Representative. Transportation cost shall be borne by the Contractor.

#### 1.3 HAZARDOUS MATERIALS

- A. The University has determined that there are no known hazardous substances on this project. Should any suspicious substances be found notify University's Representative and refer to Section 01 35 43 Environmental Procedures.

OR

- B. The University has identified all known hazardous substances on this project. Comply with requirements listed in the following Sections:
  - 1. Section 02 82 00 Asbestos Remediation
  - 2. Section 02 83 00 Lead Remediation.
  - 3. Section 02 85 00 Mold Clean-Up

#### 1.4 DISPOSAL

- A. All excess soil shall be disposed of by the Contractor off the University property, at no additional cost to the University.
- B. Solvents, oils and any other material that may be harmful to plant life shall be disposed of in containers. At completion of Work, any contaminated soil shall be removed from the University's property and replaced with good soil by Contractor at no additional cost to the University.
- C. Do not burn or bury rubbish or waste materials on the University's property.

#### 1.5 SUBMITTALS

- A. Waste Management Plan (Non-Hazardous Materials) as shown in the exhibits:

1. The Waste Management Plan shall include a list of anticipated types and quantities of waste materials generated from the Project site and proposed siting locations (including map) for waste/recycling containers. The plan shall identify materials to be recycled, re-used or salvaged. It shall include efforts at source reduction, material handling procedures and collection of weight and hauling destination information.
2. Source Reduction: List processes that minimize waste such as working with suppliers to take back or buy back substandard, rejected or unused items and to deliver supplies using returnable pallets and containers. Also include procedures to minimize breakage, mishandling, contamination, and other factors that reduce job site waste.
3. Material Handling Procedures: List means by which source separated waste materials will be protected from contamination, and the means for recycling them consistent with requirements for acceptance by designated facilities.
4. Submit the initial Waste Management Progress Report – Construction Recycling Report to the University Representative within 10 days after the Notice to Proceed and prior to any waste removal. Update and resubmit the plan prior to final inspection. The final update shall include:
  - a. Total amount of waste in tons landfilled from the Project and the identity of the transfer station/landfill.
  - b. Total amount (in tons) of each material recycled, reused, or salvaged from the Project and the receiving party.
  - c. Total amount of all materials recycled in tons.
  - d. Total percentage of material recycled in tons.

- B. Waste Management Progress Report – Construction Recycling Report as shown in the exhibits:

1. The Progress Report shall include a summary of waste materials (recycled, salvaged, reused, disposed, etc.) by the Project. The Progress Report shall contain the amount of material (in tons) and the destination (landfill facility, material recovery facility, transfer station, used building materials yard, etc.). Attach weigh bills, disposal fees paid and other documentation confirming amount and disposal location of waste/recycled materials.
2. Update monthly and submit on the first business day of each calendar month.

#### PART 2 - PRODUCTS (NOT USED)

#### PART 3 - EXECUTION

##### 3.1 WASTE MANAGEMENT IMPLEMENTATION

- A. Designate an on-site person responsible for instructing workers and overseeing sorting and recording of waste/recyclable materials.
- B. Instruction: Provide on-site instruction of appropriate separation, handling, and recycling, salvage, reuse, and return methods to be used by all parties at the appropriate stages of the Project.
- C. Meetings: The Construction Waste Management meetings shall include subcontractors affected by the Waste Management Plan as well as the University's Representative.
- D. Limit recycling and waste bin areas to areas approved on the Waste Management Plan. Keep recycling and waste bins neat and clearly marked in order to avoid contamination of materials.

PROJECT TITLE  
CONTRACT TITLE  
UNIVERSITY OF CALIFORNIA, DAVIS  
CITY, CALIFORNIA

PROJECT NO: 0000000

Recycled, re-used and salvaged materials shall be sorted on site unless the Contractor can demonstrate that there is insufficient space to accommodate it.

- E. Do not stockpile resources or waste on-site beyond the period necessary for sorting and accumulation of practical quantities for transport off-site. Do not sell resources on the University's property. Provide for periodic collection of resources or waste and transportation off-site.
- F. The University will accept small, sorted loads of cardboard and metals that are less than 2 cubic yards (approximately a pick up truck load). This material can be delivered to the R4 Recycle Center located off of LaRue Road near Putah Creek Lodge Drive. Please call the R4 Recycling Program at (530) 752-6970 for more information or visit the web site at <http://r4.ucdavis.edu>.

END OF SECTION 01 74 00