

## SECTION 01505

### CONSTRUCTION WASTE MANAGEMENT

#### PART 1 GENERAL

##### 1.1 DESCRIPTION

- A. The Owner has established that this Contract shall generate the least amount of waste possible and that processes that ensure the generation of as little waste as possible due to error, poor planning, breakage, mishandling, contamination, or other factors shall be employed. Of the inevitable waste that is generated, as many of the waste materials as economically feasible shall be reused, salvaged, or recycled. Waste disposal in landfills shall be minimized. With regard to these goals the Contractor shall develop and implement a Construction Waste Management Plan for this Contract.

##### 1.2 WASTE MANAGEMENT PLAN

- A. Waste Management Plan: Before on-site work begins, submit for approval a Waste Management Plan. The Contracting Officer will review the proposed program for compliance with project requirements. If the program requires any revisions or corrections, the Contractor shall resubmit the program within 10 days. No progress payments will be made until the program is approved.

1. The Plan shall contain the following:

- a. Name of Contractor's personnel responsibility for managing the plan.
- b. Analysis of the proposed jobsite waste to be generated, including types and approximate quantities.
- c. Landfill options: The name of the landfill(s) where trash will be disposed of, the applicable landfill tipping fee(s), and the projected cost of disposing of all Contract waste in the landfill(s).
- d. Landfill Certification: Contractor's statement of verification that landfill proposed for use are licensed for types of waste to be deposited and have sufficient capacity to receive waste from this Contract.
- e. Alternatives to Landfilling: A list of each material proposed to be salvaged, reused, or recycled during the course of the Contract, the proposed local market for each material, and the estimated net cost savings or additional costs resulting from separating and recycling (versus landfilling) each material. "Net" means that the following have been subtracted from the cost of separating and recycling:
  - 1) revenue from the sale of recycled or salvaged materials and
  - 2) landfill tipping fees saved due to diversion of materials from the landfill.The list of these materials is to include, at minimum, the following materials:

- a) Cardboard.
  - b) Wood.
  - c) Crates and palettes
  - d) Beverage containers.
  - e) Land clearing debris.
  - f) Concrete.
  - g) Plastics.
  - h) Bricks.
  - i) Concrete Masonry Units (CMU).
  - j) Asphalt.
  - k) Metals from banding, stud trim, ductwork, piping, rebar, roofing, other trim, steel, iron, galvanized sheet steel, stainless steel, aluminum, copper, zinc, lead, brass, and bronze.
  - l) Rigid foam
  - m) Glass
- f. Materials Handling Procedures: A description of the means by which any materials identified above will be protected from contamination, and a description of the means to be employed in recycling the above materials consistent with requirements for acceptance by designated facilities.
- g. Transportation: A description of the means of transportation of the recyclable materials (whether materials will be site-separated and self-hauled to designated centers, or whether mixed materials will be collected by a waste hauler and removed from the site).

### 1.3 WASTE MANAGEMENT PLAN IMPLEMENTATION

- A. Distribution: The Contractor shall distribute copies of the Waste Management Plan to the Job Superintendent and each Subcontractor. One copy shall be posted on the jobsite at all times.
- B. Instruction: The Contractor shall 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 Contract.

- C. Separation facilities: The Contractor shall lay out and label a specific area to facilitate separation of materials for potential recycling, salvage, reuse, and return. Recycling and waste bin areas are to be kept neat and clean and clearly marked in order to avoid contamination of materials.
- D. Hazardous wastes: Hazardous wastes shall be separated, stored, and disposed of according to local regulations.
- E. Application for Progress Payments: The Contractor shall submit with each Application for Progress Payment a Summary of Waste Generated by the Contract. Failure to submit this information shall render the Application for Payment incomplete and shall delay progress Payment and shall contain the following information:
  - 1. The amount (in tons or cubic yards) of material landfilled from the Contract, the identity of the landfill, the total amount of tipping fees paid at the landfill, and the total disposal cost. Include manifests, weight tickets, receipt, and invoices.
  - 2. For each material recycled, reused, or salvaged from the Contract, the amount (in tons or cubic yards), the date removed from the jobsite, the receiving party, the transportation cost, the amount of any money paid or received for the recycled or salvaged material, and the net total cost or savings of salvage or recycling each material. Attach manifests, weight tickets, receipts, and invoices.

PART 2 PRODUCTS            NOT USED.

PART 3 EXECUTION        NOT USED.

END OF SECTION