



Reuse and Recycling Plan

Project Location : 110 E Wilson St
Project Owner : City of Madison - Parking Utility
September 19, 2019

I. Scope of Project

This contract is for the Government East Ramp Demolition located at 110 E Wilson St. The work in this contract shall be as described in the plans, specifications, and shall include, but not be limited to, all of the following:

- Removal and proper disposal of all hazardous materials and devices according to regulatory codes, and the submittal of disposal manifests to the City Construction Manager (CCM).
 - The Contractor will be required to hire a sub-contractor with State of Wisconsin Certifications for Asbestos and Lead as described in Section 108.2 below.
 - The General Contractor shall provide scanned copies (in PDF format) of all certifications for his/her sub-contractor to the City Project Manager prior to beginning any work on this contract.
- Demolition of the structure in its entirety, including cut, removal, and backfill of all existing underground foundations, utilities, service laterals to property lines, and sidewalks and all items in the City right-of-way to the back of curb on E Doty St, S Pinckney St, and E Wilson St.
- All concrete is to be separated from any steel, be crushed on site to 1.25", and remain on site for use as backfill.
- Temporary fencing of the entire Block 88 site including Lot 1 and Lot 2.
- Maintain excavated slopes to OSHA standards, under the direction of a soils engineer.
- Sanitary and Storm Plug Permits are attached to this contract as Exhibit C and Exhibit D. The Contractor will need to obtain the Plug Permits and pay the fees and deposits (Exhibit C STM \$2,000.00 and Exhibit D SAN \$10,250.00) shown on the exhibits with City Building Inspection.
- Site dewatering, using the existing southwest 12" storm pipe, properly filtered and protected to prevent any discolored discharge from reaching the City storm sewer.

The demolition of the Government East Parking Ramp is to create a developable site on Block 88 Lot 1 and Lot 2.

II. Reuse and Recycling Plan

This Reuse and Recycling plan will be divided into three phases to coordinate with the project timeline.

- A. Reuse Phase: City Parking Utility will remove all desired items prior to the demolition, or identify items on the plans to be removed by the contractor and turned over to City Parking Utility.
- B. Pre-Demolition Phase Recycling: Prior to demolition commencing hazardous and regulated materials must be removed for proper disposal. This section will identify those items and possible points of disposal.
 - a. A&A Environmental (Ryan Sopha) was on site 6/5/2019 to review the facility and provide a quote to the City to provide Environmental testing and report for asbestos, lead, mercury, and any other assumed materials that may contain hazardous materials.
- C. Demolition Phase Recycling: Recycling building materials during demolition can reduce negative environmental impacts and reduce landfill fees. This section will identify those items and possible points of disposal.

III. Reuse Phase

Reusing an item is the most beneficial form of recycling. Reuse and repurposing is intended to salvage existing materials in their original form and reuse them for the same or different purpose. City Parking Utility will be re-using materials from the existing facility.



IV. Pre-Demolition Phase Recycling

For all materials that can be removed during the pre-demolition phase the demolition contractor shall provide written evidence of proper handling and disposal. Receipts or other proof of recycling shall include dates, material, quantity, weight or volume and name of the recycling or disposal company contact information. The demolition contractor shall provide copies of all documentation to the City Project Manager prior to contract closeout.

An environments assessment will be completed prior to the start of demolition. The demolition contractor will be required to properly remove all hazardous material identified in the environmental assessment.

V. Demolition Phase Recycling

This document is a general guideline for the demolition contractor to follow. The demolition contractor must be documenting the percentage of recycled materials for this project. The demolition contractor is required to ensure that all documentation of recycling and disposal is given to the City Construction Manager. The documentation shall include: the date, material, weight, quantity or volume, and hauler, as well as recycling, diversion, or landfill information. This section includes information for the recycling or proper disposal of bulk building materials created during the actual demolition process.

Clean concrete may be crushed to 1.25” and used as fill material. “Clean” means that concrete is free of steel, dirt, clay, wood, and any paint.

There are many different types of metals on this project that can be recycled including but not limited to duct work, safety railings, piping, rebar, conduit, etc. Metals may be recycled even if the surfaces are painted. Contractor should remove rebar from concrete for recycling. The following company will recycle all types of metals:

- A. All Metals Recycling, 1802 South Park St, Madison, WI 53713; (608) 255-0960
 - a. **Cost:** All Metals Recycling generally does not charge a bin placement, but charges \$100 per pull. They offer a rebate per ton, depending on the type of metal.
 - b. **Logistics:** Haulers such as Waste Management also haul their bins of metal to All Metals for recycling. Therefore, it is **financially beneficial to contract directly with All Metals Recycling**, for hauling, as opposed to going through a third party hauler. All Metals Recycling has 12, 20, 30, and 40 cubic yard bins.
 - c. **Details:** They accept all types of metal for recycling, including iron, steel, aluminum, and copper. Metal must not be contaminated with materials such as cement, plastic wrap, or wood. They also accept metal appliances if the refrigerants and coolants have been removed.

For more information regarding this plan contact:

Dave Schaller
City of Madison Engineering
Phone: (608) 243-5891
Email: dschaller@cityofmadison.com