



MEMORANDUM

To: Victoria Li, Austin Watershed Protection Director
Mike Personett, Austin Watershed Protection Asst Director

CC: Robert D. Goode, Assistant City Manager
Byron Johnson, Purchasing Officer

From: Bob Gedert, Director, Austin Resource Recovery (ARR)

Date: May 23, 2013

Re: **RAPID RESPONSE REMEDIATION SERVICES AND TRANSPORTATION AND DISPOSAL OF NON-HAZARDOUS AND HAZARDOUS SOLID WASTES** (IFB # SDC0252 Austin Watershed Protection)

The purpose of this memo is to summarize the Austin Resource Recovery review and recommendations of the Austin Watershed Protection "Rapid Response Remediation Services" IFB bided contract, as requested by the Austin City Council (March 7, 2013) and the Austin City Manager (Memo March 8, 2013), in regards to a review of the waste disposal environmental provisions, any possible diversion opportunities, and determination of the requirement for ZWAC review prior to Council review.

Nature of Contracted Service

The City requires rapid response remediation services for hazardous and nonhazardous spills on City properties that are not the responsibility of a specific City department, such as road right of ways and drainage-ways. The City does not take generator status of this collected material, as it was illegally dumped on city property, but is the default responsible agent for cleanup to protect local water quality.

Type of Waste Stream:

The purchase specifications in the IFP Bid No. SDC0252 "sets forth the minimum requirements for rapid response remediation services, and for the characterization, packaging, transportation, and disposal of hazardous and non-hazardous solid waste found abandoned on City of Austin right-of-way or property that is not the responsibility of a specific City of Austin department." Also required are the services for "sorting, packaging, lab-packing, characterizing, profiling, manifesting, transporting, recycling, waste treatment and/or ultimate disposal of hazardous and non-hazardous solid waste from spills or as found abandoned on City right of way, and other waste as specified by the City."

Collected materials may include "common household items such as petroleum products, batteries, paint, or oil filters. These items are not typically treated as unknowns. Other common items include, but are not limited to pesticides, solvents, thinners, acids, flammable liquids, corrosives, bulk chemicals. Materials may also consist of unknown liquids and solids. Disposal of soil or sorbent material and vehicles contaminated with the above Materials may also be required."

Diversion Opportunities:

Materials identified above are generally not suitable for diversion because of its condition or its unknown characteristics. However, certain limited materials collected can be recycled (e.g. tires, lead-acid batteries, used motor oil), or beneficial reuse (e.g. liquid paint scrap). ARR requests that the selected contractor be required to establish a plan of action to divert certain collected materials when possible, and provide annual reports.

Environmental safeguards:

The bid documents and the subsequent contract language include the appropriate waste documentation (through required reports and manifests) and City's right to perform environmental audits. The designated contractor is required to hold the proper permits from TCEQ to handle this type of wastes. This review does not evaluate environmental standards of the receiving facilities; however this contract does requires the proper documentation and inspection rights.

Zero Waste Advisory Commission (ZWAC) Review:

The waste stream identified is under the purview of the ZWAC as noted in the Commission's by-laws, as it is a regulated waste stream that is administratively contracted by the City. This item is scheduled for ZWAC review on June 12, 2013 at 6:30 pm at City Council Chambers. It is the responsibility of Austin Watershed Protection to present the contract to the Commission for their review and comment.

Consolidation of city waste-hauling contracts:

The City (through ARR and the Purchasing Office) are coordinating existing City waste contracts to expire in September 2015 to support a consolidated city-wide hazardous waste material contract. It is possible that the waste stream collected through this contract could be combined in the city-wide solid waste disposal contract. It is recommended that the end term of this contract coincide with the desired start date of a city-wide consolidated hazardous waste contract.

This contract has an initial term of 3 years with three 12 month extensions. I recommend an expiration of the contract term of September 30, 2015. ARR will contact the Department for coordination into a city-wide consolidated waste hauling and disposal contract.

Waste Management Reports:

All new waste hauling contracts are required to add the following requirement. If possible, ARR requests that you require the contractor to provide the following information.

Prepare and maintain through the Agreement duration a record of waste management activity. Report annually the following information based on calendar year tons managed:

1. Waste sent to municipal solid waste landfills; The amount (in tons) of material landfilled from the contracted service, the identity of the landfill, the total amount of tipping fees paid at the landfill.
2. Waste sent to hazardous waste landfills; The amount (in tons) of material landfilled from the contracted service, the identity of the landfill, the total amount of tipping fees paid at the landfill.
3. Waste sent to other waste disposal facilities; The amount (in tons) of material landfilled from the contracted service, the identity of the landfill, the total amount of tipping fees paid at the landfill.
4. Material sent to recycling facilities; The amount (in tons) of material recycled from the contracted service, the receiving party, and the amount of any money paid or received for the recycled material.

5. Material sent to reuse/salvage facilities; The amount (in tons) of material reused or salvaged from the contracted service, the receiving party, and the amount of any money paid or received for the reused or salvaged material.
6. The total diversion rate, calculated as diverted material (recycled, reused) divided by total waste hauled (landfilled, recycled, reused).

Annual waste management reports will be submitted by January 31st of each year to the designated contract manager. The AWP contract manager shall submit a copy of each annual waste management report to the Austin Resource Recovery Director.

A recommended chart to gather this information is posted below.

Contracts will utilize the following form for reporting waste management activity:

| Material Type / Classification | Tons Managed in calendar year 2013 | Facility Receiving the waste / material | Tipping Fees and/or Resale revenues received |
|--|---|--|---|
| Disposal: "Municipal Solid Waste" (e.g. residential, office, retail), | | | |
| Disposal: "Class 1" waste streams (e.g. construction, commercial, industrial, solidified sludge, manufacturer wastes), | | | |
| Disposal: "Class 2" (activated sludge, plant process waste, other special waste) | | | |
| Disposal: "Class 3" waste streams (e.g. inert waste streams such as glass, brick, concrete, rocks and minerals) | | | |
| Disposal: "Hazardous Waste" (as defined by TCEQ and EPA). | | | |
| Disposal: Incineration and Waste to Energy (Note: Incineration and Waste to Energy is defined as disposal and shall not be counted as diversion.) | | | |
| Diversion: Beneficial Reuse or Salvaged | | | |
| Diversion: Recycled | | | |
| Diversion: Organic Composting | | | |
| Total Tons Managed | | | |
| Annual Diversion Rate (total diversion divided by total tons managed) | | | |