



# **Refuse & Recycling Program – Award of Contract**

October 6, 2014



# Program Goal & Objectives

## Program Goal:

To provide services that effectively collect and dispose of solid waste in a manner that is consistent with the applicable State, Federal and local laws and regulations, while maximizing the fullest recovery of recyclable materials possible with the least impact on the environment and in a cost-effective manner so as to enhance the safety and aesthetics of the City.



# Program Goal & Objectives

Objectives to achieving this goal include:

- Minimizing the rate of waste generation through education and source reduction
- Encouraging and facilitating the recovery, reuse and recycling of material within the waste stream
- Increasing the amount and types of materials being recycled
- Improving education to increase diversion rates and waste reduction
- Expanding participation

# Solicitation Process

- Issued a Request for Proposals on July 28, 2014
- Requested prices on base services, add alternates and a bid option
- Solicited options to increase recycling diversion rates
- Received two proposals on August 20, 2014:
  - Republic Services
  - Waste Management

# Proposal Evaluation

- Program Work Plan (15%)
- Customer Service Plan (15%)
- Past and current performance and capabilities of the Contractor, including references (15%)
- Innovations proposed by the Contractor to increase recycling participation and recycling quantities collected (10%)
- Qualifications of the Contractor's key personnel and management approach (5%)
- Cost (40%)

# Proposal Evaluation

- Selection Committee:
  - Reviewed proposals
  - Interviewed both companies
  - Reviewed written summary of reference responses
- Both companies had adequate work plans and excellent customer service plans
- References for both companies cited high points as well as areas of concern
- Both companies discussed innovative methods to increase recycling diversion rates through education, outreach, etc.
- Both companies have qualified staff who have managed similar programs in other communities

# Historical Cost Summary

	Program Cost	# of Households	Cost/HH	Cost/HH/ Month
2011	\$1,800,083	13,710	\$131.30	\$10.94
2012	\$1,888,582	13,878	\$136.08	\$11.34
2013	\$1,959,393	13,999	\$139.97	\$11.66
2014	\$2,072,058	14,331	\$144.59	\$12.05
2015	<b>\$2,153,122</b>	14,505	\$148.44	\$12.37



# Proposal Alternatives Analysis

Service Level	Net Cost Difference
Base Service	(\$63,382)
Base Service + Weekly Recycling	\$306,240
Base Service & Eliminate Large Item Pickup	(\$89,482)
Fully Automated Collection	(\$606,262)
Fully Automated Collection + Weekly Recycling	(\$360,922)
Enhanced Fully Automated Collection	\$395,978
Partially Automated Collection	\$152,378



# Fully Automated Collection (Garbage & Recycling)

- Fully automated, weekly trash service Households would have a choice between 32-, 64- or 96-gallon containers.
- Fully automated, bi-weekly single-stream recycling. Households would have a choice between 32-, 64- or 96-gallon containers.
- Waste Management would supply & deliver one (1) garbage container and one (1) recycling container to each existing and future household.
- Any additional garbage & recycling service, above the 96-gallon limit, must be purchased by the customer. Waste Management will bill the customer directly.
- Large item pick-up for each household, (limited to 5 times per year).
- Trash and recycling services for all City facilities.



# Fully Automated Collection - Cost Summary

**\$8.89/HH/month** x 12 months x 14,500 HH = \$1,546,860  
\$1,546,860 - \$2,153,122 = **(\$606,262)**

Net Difference from 2015 Budget = **(\$606,262)**

## Additional Service Costs

Container Size	Cost/Month	Cost/Year
32-gallon	\$2.50	\$30.00
64-gallon	\$2.65	\$31.80
96-gallon	\$2.80	\$33.60

- Billed directly to the property owner
- Monthly cost includes the initial cost of the container
- Container is rented, not owned, from Waste Management

# Waste Management

- Similar programs implemented recently in:
  - Roy City, Utah
  - Golden, Colorado
- All CNG vehicles thus reducing greenhouse gas emissions and noise
- Onboard computing system allows for verification of timing & execution of services
- Two (2) solar trash compactor units provided with the contract

# Implementation Schedule

- A Comprehensive Automated Collection Service implementation plan will be developed within the next several weeks
- A November Study Session is planned to provide more detail on schedule & implementation
- The Preliminary Implementation Plan includes:
  - Public education
  - Workshops
  - Routing analysis
  - Cart delivery schedules
  - Customer service training
  - Progress reports

### **Recommendation:**

Adopt Resolution No. 2014-81 to award a contract to Waste Management for the residential garbage & recycling collection and disposal program utilizing Fully Automated Collection.