

# Solid Waste and Recycling Collection Proposal

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# Background

- 2012
  - Began review of the Waste Management contract
    - Contract extension vs. new contract
    - Single sort recycling
    - Services
  - Determined that a new contract was the better option
  - Requested a 1 year extension from WM to cover 2013 while rewriting the contract language

# Background, cont.

- 2013
  - Hired consultant
  - Met with North Mankato on feasibility of a joint RFP
  - Wrote the RFP
- 2014
  - Released the RFP
  - Reviewed proposals
  - Interviewed top 2 haulers

# Respondents

- Red River Waste Solutions
- Waste Management
- West Central Sanitation
- (NM only – Hansen sanitation)

# Proposal review

- Price Schedules, based on 5 year period
- Experience and capacity
- References
- Thoroughness and responsiveness to RPF
- Overall environmental benefits

# Proposal

PROPOSAL	RESPONDENT					<i>Current Prices</i>
	Hansen	RR/WS	WM	WCS Joint	WCS Separate	
<b>Mankato</b>						
City owns the carts	n.a.	\$5,059,000	\$3,419,000	\$3,119,000	\$3,194,000	
Contractor owns the carts	n.a.	\$6,307,000	\$3,965,000	\$3,843,000	n.a.	\$3,657,000
<b>North Mankato</b>						
City owns the carts	\$2,550,000	\$2,434,000	\$1,645,000	\$1,501,000	\$2,487,000	
Contractor owns the carts	\$3,665,000	\$3,035,000	\$1,908,000	\$1,849,000	\$2,833,000	\$2,993,000

# Per household cost

	<u>Refuse</u>	<u>Recycling</u>
Red River	\$6.65	\$2.15
Waste Management	\$3.45	\$2.50
West Central (joint)	\$3.04	\$2.39
(2014 costs	\$3.62	\$2.77)

# Environmental

- West Central Sanitation uses Compressed Natural Gas (CNG) in their vehicles
  - Cleaner fuel, lower carbon footprint
  - Quieter running vehicles

# Recommendations

- Contract with West Central Sanitation
- City owns carts
  - Work with North Mankato on cart evaluation and possible purchase
  - Work with North Mankato on joint educational effort for the January , 2015 rollout

# Carts

- Reasons to own rather than rent
  - Cost savings
  - Ownership after the term of the contract
  - Control of hauler performance
  - City selected cart appearance and quality
  - Control of subsequent bids
  - Reminder of city managed service
  - Lowest total cost of ownership

# Cart footprint, typical

	Width		Depth
35 gallon	19"	X	23.75"
64 gallon	24"	X	27"
96 gallon	26"	X	34.5"

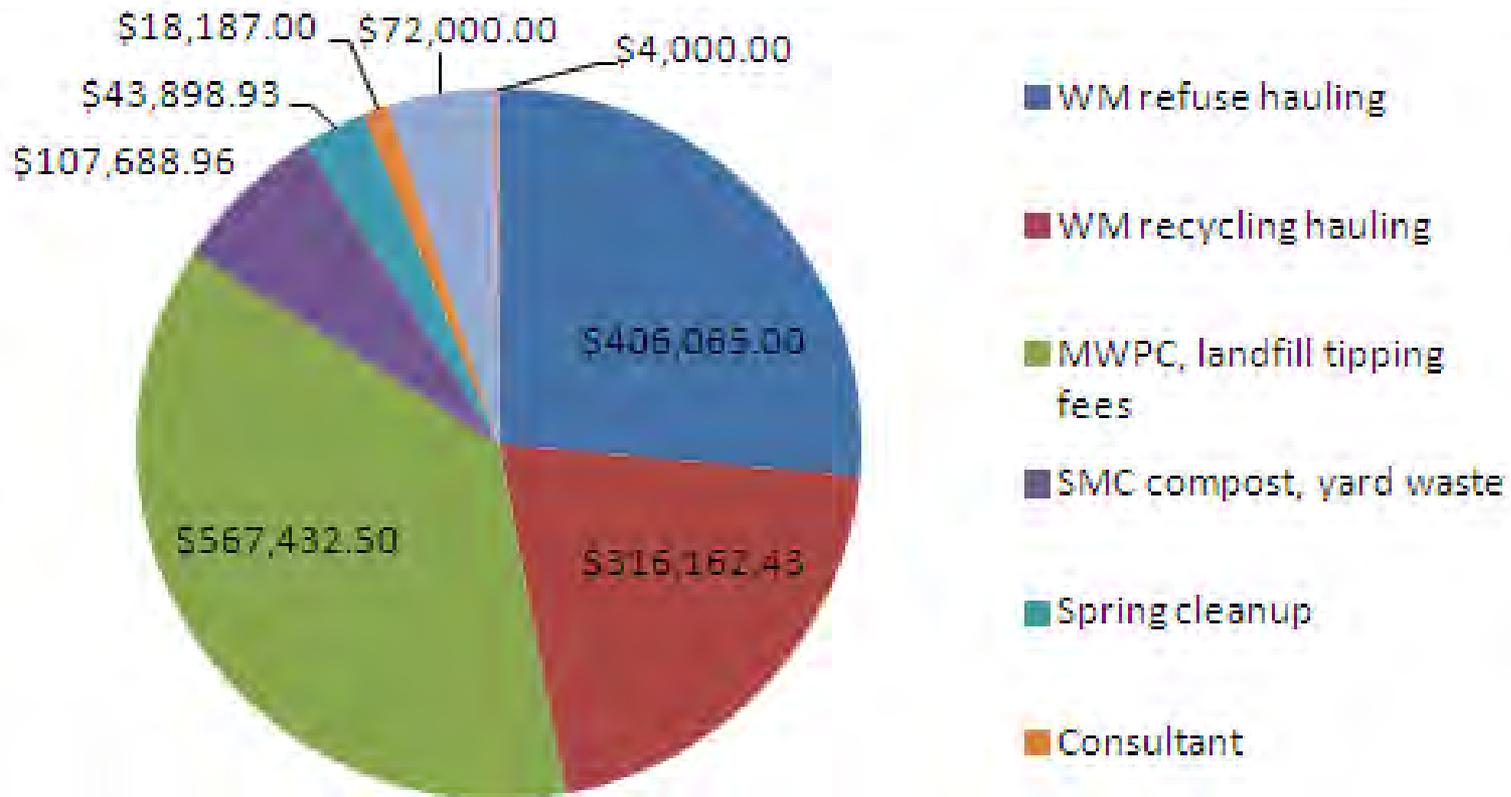
## Current bins:

	28"	X	18" with handles
	25"	X	17.5"
	22"	X	17"

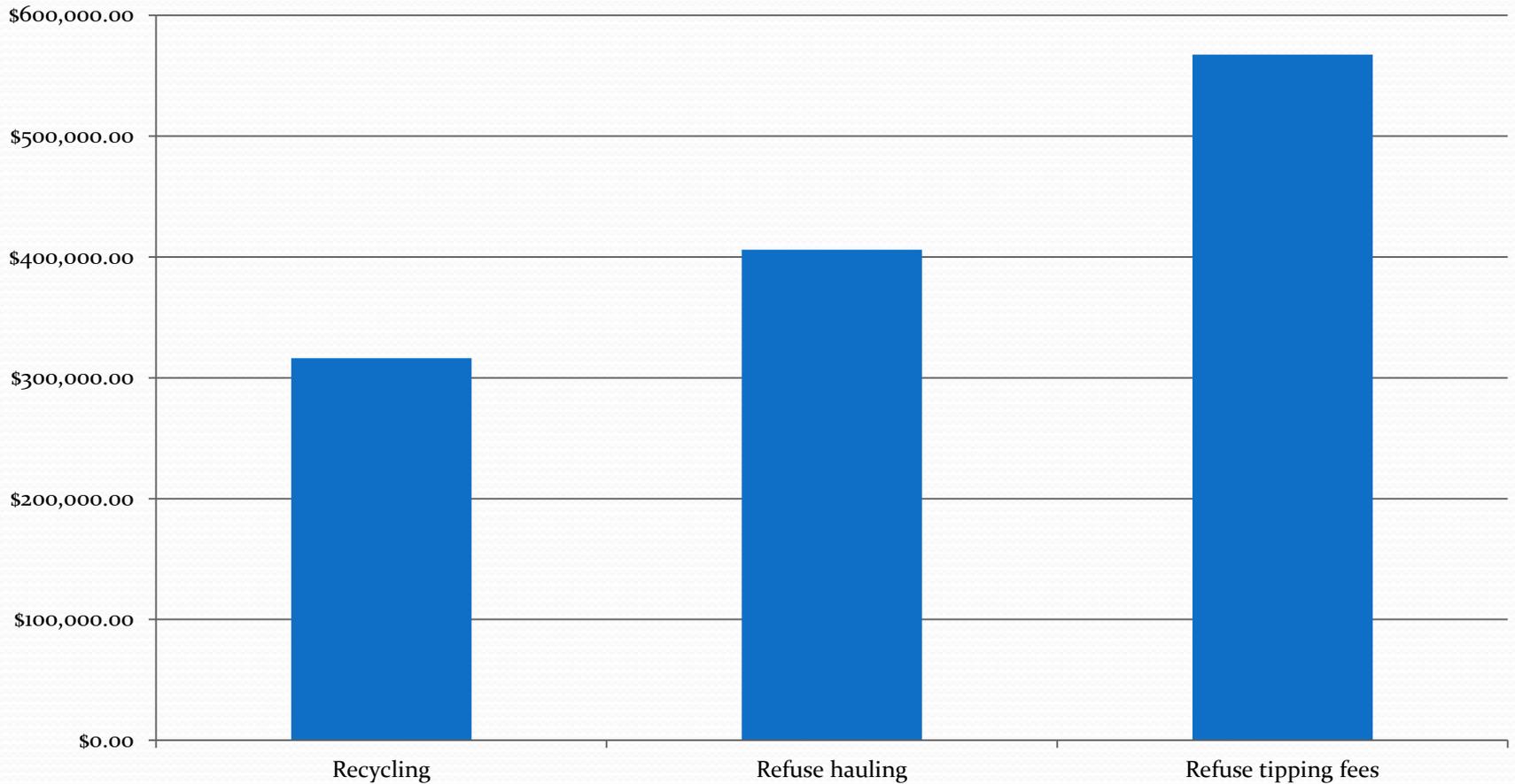
# Next steps

- Cart evaluation
- Cart funding options
- Review long term rate structure
- Review cart pricing
- Develop educational plan for cart rollout

# Solid waste costs, 2013



# Recycling vs refuse

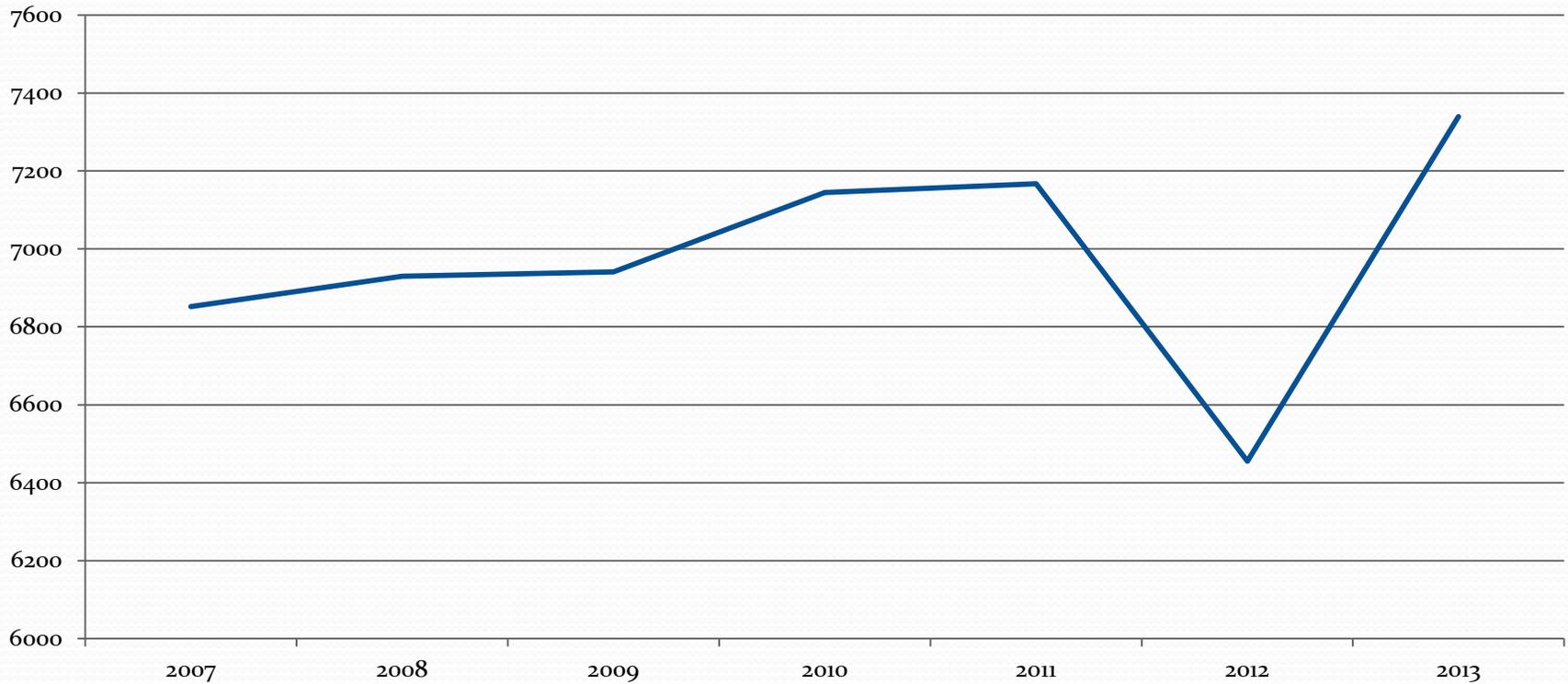


# Financial importance of increasing recycling

- Increase in recycling      Cost savings in reduced tipping fees
  - 10%      \$56,793
  - 15%      \$85,114
  - 20%      \$113,487
  - 25%      \$141,858

# Refuse data

**Historic  
Refuse, tons**



# Recycling data

**Historic  
Recycling, tons**

