

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date:	March 20, 2017
	Agenda Item No.	41D
	Roll Call No.	<u>17-0500</u>
	Communication No.	<u>17-290</u>
	Submitted by:	Carl Metzger, Deputy City Manager

AGENDA HEADING:

Approving the purchase of 17 replacement refuse truck chassis with specified collection equipment bodies for use by the Sanitation Division of the Department of Public Works.

SYNOPSIS:

Recommend approval of the purchase of 17 purpose built refuse truck chassis with specified solid waste collection equipment installed as follows:

- Seventeen truck chassis from Housby Mack Inc., 4747 NE 14th Street, Des Moines, IA 50313, (Kelly Housby, President), in the amount of \$2,264,388.
- Solid waste collection equipment bodies for the above referenced 17 truck chassis consisting of; two (2) front loading, four (4) rear loading, and 11 automated side loading types from McNeilus Truck and Manufacturing (520 Hwy Street E, Dodge Center, MN 55927, Brad Nelson, President) in the amount of \$1,853,141.

The purchase of 17 trucks is larger than usual as the result of an internal delay of regularly scheduled equipment purchases in prior fiscal years. The delay was due to the uncertainty of the need to continue to collect yard waste separately arising from the partial lifting of the statewide ban of yard waste in landfills. The Public Works Department did not want to buy trucks that could in short order, become unnecessary. The decision of the Metro Waste Authority to continue to segregate yard waste out of the landfill provided the certainty to proceed with equipment acquisition.

The 17 units being replaced will be remarketed through the City’s auction contractor and have an estimated residual value of \$300,000.

FISCAL IMPACT:

Amount: \$4,117,529

Funding Source: Solid Waste Enterprise Fund PW250430

ADDITIONAL INFORMATION:

The City of Des Moines is a member of the Houston Galveston Area Council (HGACBuy). HGACBuy is a national government-to-government cooperative purchasing program. HGACBuy establishes purchasing contracts nationwide on behalf of local governments, special districts and private non-profits providing a government service. HGACBuy's procurement process includes research,

preparation of specifications, pre-bid and pre-proposal conferences, legal notice posting and advertising, bid/proposal review and contract execution.

The City's current fleet of 36 solid waste collection trucks are equipped with the following four (4) types of collection equipment:

- Twenty-three automated side loading-scheduled replacement cycle, eight (8) years.
- Six (6) front loading-scheduled replacement cycle, 10 years.
- Six (6) rear loading-scheduled replacement cycle, 10 years.
- One (1) compact semi-automated dual side loading-scheduled replacement cycle, six (6) years.

Seventeen refuse trucks with various types of collection equipment bodies that meet or exceed established replacement criteria were approved by replacement by the Fleet Oversight Committee. The types of collection equipment bodies on the 17 trucks being replaced are:

- Eleven automated side loading units are being replaced as follows:
 - One (1) unit being replaced has been in service for 11 years.
 - Eight (8) units being replaced have been in service for nine (9) years.
 - Two (2) units being replaced have been in service for 8 years.
- Two (2) front loading units being replaced have been in service for 10 years and average a total of 118,000 miles on the chassis.
- Four (4) rear loading units being replaced have been in service for 14 years and have an average of 131,000 miles on the chassis.

Staff identified multiple HGACBuy contract holders for both purpose built refuse truck chassis, and the specific types of collection equipment bodies. The contract quotes listed below from multiple contract holders were reviewed and evaluated by Fleet and Public Works staff for compliancy to HGACBuy contract terms and specifications confirmed to meet the City's needs.

HGACBuy Contract Cost Comparisons		
Purpose Built Refuse Application Truck Chassis		
Manufacturer	Type of Equipment	HGACBuy Contract Cost/Unit
Mack	Purpose built refuse truck chassis	\$133,164.00 (low bid)
Peterbilt	Purpose built refuse truck chassis	\$133,837.00
Autocar	Purpose built refuse truck chassis	\$136,714.73
Refuse Collection Equipment		
McNeilus	Automated side loading collection equipment	\$119,169.00 (low bid)
	Front loading collection equipment	\$110,621.00 (low bid)
	Rear loading collection equipment	\$ 80,260.00 (low bid)
Heil	Front loading collection equipment	\$131,289.00
	Rear loading collection equipment	\$ 92,202.00
New Way	Automated side loading collection equipment	\$121,459.40
	Rear loading collection equipment	\$ 82,202.80

The recommended awards are for the least cost alternatives among the HGACBuy quotes that meet the minimum requirements of the operating division.

PREVIOUS COUNCIL ACTION(S): NONE

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE

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