



**PUBLIC WORKS DEPARTMENT
MEMORANDUM #2016 – 36**

DATE: May 9, 2016

TO: Honorable Mayor Joyce Downing and City Council Members

FROM: James A. Hayes, AICP, City Manager 
David H. Willett, Director of Public Works 

SUBJECT: **Council Resolution #55**
Capital Equipment (2016) Purchases – Automated Sanitation Truck

BACKGROUND

On March 22, 2016, the City received seven (7) responsive bids for an automated sanitation truck (IFB 2016-011). The bids ranged from \$229,218.00 to \$274,530.00, and included various combinations of bodies and chassis.

DISCUSSION

Although submitted as a single bid, the prices reflect the combination of two systems; the truck chassis, and the operating body. For the chassis, all bids offered either a Mack or Peterbilt. There was a greater variation in the bids for alternative operating bodies, including the Scorpion model (2), the Bridgeport model (2), and 3 other options.

While the City currently operates both Peterbilt and Mack chassis in its Sanitation fleet, Public Works favors Mack; the three newest trucks, purchased in 2014 and 2015, are all Macks. There has been a redesign to the cab, expanding the window size, and therefore, driver visibility. The Macks continually outperform the Peterbilts during snow and ice conditions, as they provide better traction. Finally, the Sanitation and Fleet staff report that the maintenance and repair service provided by the local Mack vendor is superior to that provided by the Peterbilt vendor. One of the sharpest differences is the repair turnaround time; the Mack dealer's ability to get a damaged truck back to the City and back out on route quickly has a direct impact on overtime costs (fewer trucks covering more routes), and customer service to City Residents (delays in collection). If the City moves toward an all-Mack fleet, there will be a savings in the costs of the computer diagnostic software that Fleet Maintenance needs to perform routine maintenance, as they will cut down to a single system; spare parts and consumable supply inventory will also be standardized to a single system.

In terms of bodies, the City favors the Scorpion over all the alternatives. Just as with the Macks, the three newest bodies have all been Scorpions, and the same logic of cost savings and standardization applies to the bodies, as well as the chassis. In addition, Fleet Maintenance staff have taken additional classes and received detailed training on the Scorpion beginning in 2014, and their collective understanding and maintenance capabilities for these units is increasing significantly. Sanitation operators prefer these bodies for a number of reasons. From a safety standpoint, these units never require the operator to enter the hopper to clean it out, unlike the alternative models, and all greasing can be done from the ground, without having to use a ladder for access. From an operating standpoint, these units use a "sweep" blade, rather than a basic "push" compactor, which allow for faster and better compaction on the routes. As with the local Mack Vendor, the City has received high quality, responsive service from the local Scorpion maintenance vendor, again helping to limit truck downtime. The Sanitation staff has not operated the Bridgeport body, so they relied on recommendation from other Cities which do use them. While one City gave them a high recommendation, three others reported serviceability problems, and one City specifically said they were planning to discontinue these bodies and move to the Scorpion for all new trucks. The remaining bodies are either more expensive than the Sidewinder, or Sanitation staff has concerns about parts availability or comparable service quality.

2016 Capital Equipment Purchase
May 9, 2016

BUDGET/TIME IMPLICATIONS

The 2016 adopted Public Works Department/Sanitation Division/Capital Equipment budget shows an appropriation of \$273,000.00 for the one automated trash truck. Bruckner Truck Sales, Inc submitted a bid for a Mack chassis with a Scorpion body for \$274,530.00, and the City has asked for a \$1,111.00 modification to include a welded metal frame for the display of City informational signs. This totals \$275,641.00, or \$2,641.00 above the \$273,000.00 line item. In 2015, the City purchased two of the same truck combinations (Mack/Scorpion) from Bruckner Truck Sales at the cost of \$261,789.00 each (not including the sign frame); therefore, their 2016 bid represents a 4.9% increase.

A summary of the 2016 Sanitation Fund Capital Equipment program is provided below:

Equipment	Budget Line Item	Purchase Price	Status
Roll-Off Dumpster Delivery Truck	\$180,000	\$169,830	Ordered
Grappling Hook Collection Truck	\$150,000	\$156,267	Ordered
Automated Sanitation Truck	\$273,000	\$275,641	Pending
Total	\$603,000	\$601,738	Under Budget

RECOMMENDATION

Attached to this memorandum is a Resolution that, if approved, would allow the City Manager to issue a Purchase Order to **Bruckner Truck Sales, Inc.** in the amount of **\$275,641.00.**

Staff recommends approval of this Resolution.

STAFF REFERENCE

Steve Grace, P.E., Operations Manager
Keith Kovach, Sanitation Supervisor
Mike Case, Fleet Supervisor

sgrace@northglenn.org 303-450-4077
kkovach@northglenn.org 303-450-4023
mcase@northglenn.org 303-450-4008

ATTACHMENTS

- Resolution
- Formal Bid Summary



CITY OF NORTHGLENN
FORMAL BID SUMMARY

Bid Number: IFB 2016-011

Bid Name: Automated Sanitation Truck

Department: Public Works



	Rush Truck Center of Colorado	Rush Truck Center of Colorado	Bruckner Truck Sales	Bruckner Truck Sales
	Bid Received	Bid Received	Bid Received	Bid Received
Date Due: 03/22/16	Date: 03/22/2016	Date: 03/22/2016	Date: 03/22/2016	Date: 03/22/2016
Time: 2:00 p.m.	Time: 12:08 pm	Time: 12:08 pm	Time: 12:19 pm	Time: 12:19 pm
Chasis/Truck Body	Peterbilt Scorpion	Peterbilt Bridgeport	Mack Scorpion	Mack L-Series Alligator Zero
Total	\$ 254,385.00	\$ 229,218.80	\$ 274,530.00	274,530.00 + \$ 6141.00 \$ 280,671.00

Ben Noh
Finance

Juan M
City Clerk

03/22/2016
Date



CITY OF NORTHGLENN
FORMAL BID SUMMARY

Bid Number: IFB 2016-011

Bid Name: Automated Sanitation Truck

Department: Public Works

	Bruckner Truck Sales	Bruckner Truck Sales	Westfall O'Dell Truck Sales of Western Colorado	
	Bid Received	Bid Received	Bid Received	Bid Received
Date Due: 03/22/16	Date: 03/22/2016	Date: 03/22/2016	Date: 03/22/2016	Date:
Time: 2:00 p.m.	Time: 12:19 pm	Time: 12:19 pm	Time: 1:35 pm	Time:
Chasis/Truck	MACK	Mack	Mack	
Body	New Waysidewinder	American Equipment (on OBEPORT)	KOIS	
Total	- \$17,700.03	- \$25,166.20	\$269,642.00	

Lucy Nohr
Finance

256,829.97

John M...
City Clerk

249,363.80

03/22/2016
Date

SPONSORED BY: MAYOR DOWNING

COUNCILMAN'S RESOLUTION

RESOLUTION NO.

No. CR-55
Series of 2016

Series of 2016

A RESOLUTION TO AUTHORIZE THE CITY MANAGER TO ISSUE A PURCHASE ORDER TO BRUCKNER TRUCK SALES, INC. IN AN AMOUNT NOT TO EXCEED \$275,641 FOR THE PURCHASE OF ONE AUTOMATED SANITATION TRUCK

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF NORTHGLENN, COLORADO, THAT:

Section 1. The City Manager is hereby authorized to issue a Purchase Order to Bruckner Truck Sales, Inc. in an amount not to exceed \$275,641.00 for the purchase of one automated sanitation truck.

DATED at Northglenn, Colorado, this ____ day of _____, 2016.

JOYCE DOWNING
Mayor

ATTEST:

JOHANNA SMALL, CMC
City Clerk

APPROVED AS TO FORM:

COREY Y. HOFFMANN
City Attorney