



CITY OF GLENDALE, CALIFORNIA
REPORT TO THE:

Joint City Council Housing Authority Successor Agency Oversight Board

May 8, 2018

AGENDA ITEM

Report: Automated Side Loader Refuse Trucks for Glendale Waste Collection Services

- 1) Resolution to dispense with competitive bidding and authorize the purchase of eight compressed natural gas Autocar ACX64 cab over chassis full-size with Amrep AMHASLT-30 automated side loading refuse body trash trucks and two compressed natural gas Autocar ACX42 cab over chassis mini with Amrep AMHASLT-16 automated side loading refuse body trash trucks from Los Angeles Truck Centers, LLC.

COUNCIL ACTION

Public Hearing Ordinance Consent Calendar Action Item Report Only

Approved for May 8, 2018 calendar

ADMINISTRATIVE ACTION

Submitted by:
Roubik Golanian, Director of Public Works

Signature

Prepared by:
Shea Eccleston-Banwer, Public Works Manager

Approved by:
Yasmin K. Beers, City Manager

Reviewed by:
Michael J. Garcia, City Attorney

Robert P. Elliot, Director of Finance

Chris Marcarello, Assistant Public Works Director

09

RECOMMENDATION

Staff respectfully recommends that the City Council approve a resolution to dispense with competitive bidding and authorize the purchase of eight compressed natural gas Autocar ACX64 cab over chassis full-size with Amrep AMHASLT-30 automated side loading refuse body trash trucks and two compressed natural gas Autocar ACX42 cab over chassis mini with Amrep AMHASLT-16 automated side loading refuse body trash trucks from Los Angeles Truck Centers, LLC.

BACKGROUND/ANALYSIS

The Public Works Integrated Waste Management Division provides waste collection and disposal services to residential and commercial properties throughout the City. Automated side loading refuse body trash trucks service refuse containers and are used primarily to collect trash, green waste and recyclables from single-family residential properties as well as smaller multi-family properties. Mini trucks have all of the same functions as full-sized automated side loading trash trucks except that they are smaller in size. These smaller trucks are used to service hard to reach neighborhoods with narrow streets such as Adams Hill. Additionally, they service heavy organics loads from the City's commercial accounts. There are currently 47 active automated side loading refuse trucks in the City's fleet and they are all maintained by the Public Works Fleet Services Division via in-house mechanics and outside vendors.

Heavy duty refuse trucks contain two main components: the chassis which includes the cab, engine, differential and wheels, and the body which includes the packer or blade, hopper and tailgate. Generally, manufacturers of the chassis differ from those that build the body. Historically, the City of Glendale has purchased all trash trucks via competitive bidding processes. As a result, the current Integrated Waste Management fleet includes a wide and non-standard range of trash trucks with varying chassis and body manufacturers. The current fleet includes truck bodies manufactured by Heil, New Way and Wayne, and chassis manufactured by Autocar. These vehicles include different control mechanisms, diverse moving parts and varied dimensions. This variety can be challenging as City truck operators must be trained to operate differing units and City mechanics trained to maintain these same units. Additionally, we have to use numerous outside vendors as the manufacturers usually only assign a single regional maintenance shop to be authorized to work on these vehicles.

The Fiscal Year 2017-18 budget includes funding for the replacement of seven full size three-axle and two mini two-axle automated side loading vehicles that meet the age, meter and maintenance cost criteria for replacement. The optimal lifespan for refuse trucks is eight years and the units scheduled to be replaced are all 2006 and 2008 models. These refuse trucks have well over 100,000 miles each with frequent start and stop city driving. \$425,000 per unit was budgeted for six of the new replacement full size and two mini automated side loading refuse body trash trucks and \$400,000 was budgeted for one full size side loading refuse body trash truck carried over from Fiscal Year 2016-17 for a total of \$3,800,000.

Additionally, the Fiscal Year 2017-18 budget included \$360,000 for the replacement of a street sweeper unit. In September 2017, an automated side loading vehicle #7428 was lost in a fire and is now out of service. Staff proposes that the allocation for the street sweeper replacement be used instead to fund an additional automated side loading refuse body truck to replace unit #7428.

Public Works Department staff has assessed the current market for automated side loading refuse body trash trucks and analyzed the equipment currently available. For this procurement,

staff recommends the execution of a purchase order contract with Los Angeles Truck Centers, LLC for the purchase of eight compressed natural gas Autocar ACX64 cab over chassis full-size with Amrep AMHASLT-30 automated side loading refuse body trash trucks and two compressed natural gas Autocar ACX42 cab over chassis mini with Amrep AMHASLT-16 automated side loading refuse body trash trucks. Staff has determined that these units with Autocar, LLC (Autocar) manufactured chassis and Amrep, Inc. (Amrep) manufactured bodies provide a unique automated side loading refuse truck package that will benefit our drivers, mechanics and Glendale residents.

Amrep features a unique trolley style arm where the lift arm does not have to be retracted to service a container. The arm features much less protruding equipment than their competitors meaning there is less area for the cart pickup unit to strike cars or cause other damage to private property. In 2017, the offset arm on an existing automated side loader trash truck was a contributing factor in four preventable accidents. Glendale features several densely populated neighborhoods where carts compete with parked cars for curb space on trash collection days. The Amrep trolley style arm should help reduce the number of these incidents causing damage to private property.

The Amrep trolley style arm also features a unique design that holds the cart completely upright until it is positioned over the hopper when it dumps the contents into the truck. The offset arm that we currently use raises the cart and tips it into the hopper in one motion. This causes the cart to be tilted prior to reaching the opening to the hopper which results in more spillage than the trolley style arm. In these instances, the driver has to exit their truck and clean trash spills when they occur. Therefore, reducing spillage will improve route efficiency in addition to keeping Glendale neighborhoods cleaner.

Most importantly, the Amrep side loading refuse truck is unique in that the arm and gripper mechanism is mounted to the truck body instead of the chassis. Currently, the City's entire fleet of side loading refuse trucks feature arms mounted to the chassis which is problematic. It has been our experience with chassis mounted arms and grippers that when the arm is operated up and down it causes an inordinate amount of shaking of the driver's cab. Over the course of an entire workday this intermittent shaking affects our drivers negatively causing discomfort, fatigue and injuries. Integrated Waste Management drivers have tested the Amrep model and found the cab shaking to be considerably less severe than in the existing fleet.

The refuse truck bodies for these Amrep models are manufactured and built locally in Ontario, Ca in a facility that includes a complete service and parts department. This means that replacement parts will be more readily available than parts for other truck body manufacturers that are built out of state. No other refuse truck body manufacturers are located in Southern California. Additionally, Amrep offers in-house truck pickup and delivery service saving Fleet Services staff time and minimizing vehicle downtime.

Furthermore, the new refuse trucks feature the Cummins Westport L9N Low NOx Near Zero Engine which is cutting edge technology and significantly cleaner than any trash truck currently in our fleet. These near zero engines are characterized by a considerable reduction in atmospheric pollutants and greenhouse gas emissions. The investment in this green technology is representative of the City's ongoing commitment to the health of Glendale residents and our good stewardship of the environment.

FISCAL IMPACT

The amount budgeted for eight new full size automated side loading refuse body trash trucks and new two mini automated side loading refuse body trash trucks is \$4,160,000 in the following two accounts.

Account Description	Account Number	Amount
Capital Outlay, Refuse Disposal Fund, Refuse Collection	51000-530-573	\$3,800,000
Capital Outlay, Refuse Disposal Fund, Street Sweeping	51000-530-574	\$360,000

The vendor, Los Angeles Truck Centers, LLC. has submitted the City a quote of \$308,156.87 plus fees and taxes for the full-size side loading units and \$301,415.11 plus fees and taxes for the mini side loading vehicles. This represents an increase in cost relative to a similar procurement performed by the City of Ontario in October 2017 of \$276,405.80 per unit for full-size Amrep side loading refuse truck plus taxes and delivery charges. The cost increase is related to the additional cost of the Near Zero Engine as well as a new tariff on imported steel. The Near Zero engine will give the City the option to secure a \$10,000.00 per truck California Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project (HVIP) voucher which staff intends to pursue. Even with this cost increase, staff determined this pricing to be highly competitive and a good value for the City of Glendale. Additionally, it is far below what was budgeted for this procurement.

CAMPAIGN DISCLOSURE

In accordance with the City Campaign Finance Ordinance the following are the names and business addresses of the members of the board of directors, the chairperson, CEO, COO, CFO, Subcontractors and any person or entity with more than 10% interest in the company proposed for contract in this Agenda Item Report:

Officers of Los Angeles Truck Centers, LLC:

Full Name	Title	Business Address	City	State	Zip
Bradley Fauver	Co-President	2429 S. Peck Road	Whittier	CA	90601
James A. Barker	Co-President	2429 S. Peck Road	Whittier	CA	90601

ALTERNATIVES

Alternative 1: Approve a resolution to dispense with competitive bidding and authorize the purchase of eight (8) compressed natural gas Autocar ACX64 cab over chassis full-size with Amrep AMHASLT-30 automated side loading refuse body trash trucks and two (2) compressed natural gas Autocar ACX42 cab over chassis mini with Amrep AMHASLT-16 automated side loading refuse body trash trucks from Los Angeles Truck Centers, LLC.

Alternative 2: Deny the attached resolution or approve a purchase order contract in an amount that differs from the staff recommendation.

Alternative 3: The City Council may consider any other alternative not proposed by staff.

RESOLUTION NO _____

A RESOLUTION OF THE COUNCIL OF THE CITY OF GLENDALE, CALIFORNIA, DISPENSING WITH COMPETITIVE BIDDING AND AUTHORIZING THE PURCHASE OF EIGHT (8) COMPRESSED NATURAL GAS AUTOCAR ACX64 CAB OVER CHASSIS FULL-SIZE WITH AMREP AMHASLT-30 AUTOMATED SIDE LOADING REFUSE BODY TRASH TRUCKS AND TWO (2) COMPRESSED NATURAL GAS AUTOCAR ACX42 CAB OVER CHASSIS MINI WITH AMREP AMHA SLT-16 AUTOMATED SIDE LOADING REFUSE BODY TRASH TRUCKS FOR USE BY THE GLENDALE PUBLIC WORKS, INTEGRATED WASTE MANAGEMENT DIVISION FROM LOS ANGELES TRUCK CENTERS, LLC.

WHEREAS, the City provides curbside refuse collection services with a fleet of 47 automated side loading refuse trucks; and

WHEREAS, eight full-size side loading refuse trucks and two mini side loading trash trucks have reached the end of their usable life, are no longer dependable and in need of replacement; and

WHEREAS, side loading refuse trucks with truck bodies manufactured by Amrep Inc. feature a unique trolley style arm where the lift arm does not protrude or have to be retracted to service a container which is a needed safety feature for reducing incidents of private property damage when servicing Glendale's densely populated neighborhoods; and

WHEREAS, the Amrep truck body trolley style arm holds the refuse cart completely upright until it is positioned over the hopper when it dumps the contents into the truck which reduces spillage; and

WHEREAS, the Amrep truck body features a gripper mechanism mounted to the truck body instead of the chassis which causes less shaking of the drivers cab which is better for City drivers; and

WHEREAS, Amrep body models are manufactured and built locally in in a facility that includes a complete service and parts department which means that replacement parts are more readily available than parts for other truck body manufacturers that are built out of state and Amrep offers truck pick up and delivery services saving Public Works Fleet Services staff time and minimizing vehicle downtime; and

WHEREAS, a considerable reduction atmospheric pollutants and greenhouse gas emissions will be achieved by the City's investment in near zero engine technology in Cummins compressed natural gas engines; and

WHEREAS, Glendale Charter Art. VI, Sec. 9 provides an exemption to competitive bidding where the Council determines it is in the best interests of the city to dispense with competitive bidding; and

WHEREAS, given the need for and benefits of side loading refuse trucks from the manufacturer Amrep Inc., it appear adequate justification exists and it is in the best interest of

the City, upon recommendation of the City Manager, to dispense with competitive bidding and to authorize the purchase of eight (8) compressed natural gas Autocar ACX64 cab over chassis full-size with Amrep AMHASLT-30 automated side loading refuse body trash trucks and two (2) compressed natural gas Autocar ACX42 cab over chassis mini with Amrep AMHASLT-16 automated side loading refuse body trash trucks from Los Angeles Truck Centers, LLC.

NOW THEREFORE, BE IT RESOLVED BY THE GLENDALE CITY COUNCIL:

1. That the foregoing facts are deemed to be true and correct and are a basis for dispensing with competitive bidding and authorizing the execution of a purchase order contract with a single-source.

2. The Council hereby dispenses with competitive bidding and authorizes the Purchasing Manager, or his designee, to issue a Purchase Order with eight (8) compressed natural gas Autocar ACX64 cab over chassis full-size with Los Angeles Truck Centers, LLC, to purchase eight (8) Amrep AMHASLT-30 automated side loading refuse body trash trucks and two (2) compressed natural gas Autocar ACX42 cab over chassis mini with Amrep AMHASLT-16 automated side loading refuse body trash trucks, in an amount not to exceed \$4,160,000.

Adopted this _____ day of _____, 2018

Mayor

ATTEST:

City Clerk

STATE OF CALIFORNIA)
CITY OF GLENDALE) SS
COUNTY OF LOS ANGELES)

I, Ardashes Kassakhian, City Clerk of the City of Glendale, certify that the foregoing Resolution No. _____ was adopted by the Council of the City of Glendale, California, at a regular meeting held on the day _____ of _____, 2017, by the following vote:

Ayes:

Noes:

Absent:

Abstain:

APPROVED AS TO FORM

SR. ASST. CITY ATTORNEY
DATE 2.3.18

City Clerk