



CITY OF GLENDALE, CALIFORNIA REPORT TO THE CITY COUNCIL

AGENDA ITEM

Report: Purchase Order Contract for Two Used 2008 Autocar Xpeditor Heil Rapid Rail CNG Side Loading Refuse Trucks

1. Resolution dispensing with competitive bidding and authorizing the Deputy Director of Finance/Purchasing (Purchasing Administrator) to execute a purchase order contract with King Motors for the purchase of two used 2008 Autocar Xpeditor Heil Rapid Rail CNG Side Loading Refuse Trucks plus a 5 percent contingency.
2. Resolution of appropriation from the Refuse Disposal Fund to provide adequate funding for this recommended procurement.

COUNCIL ACTION

Item Type: Action Calendar

Approved for November 16, 2021 **calendar**

EXECUTIVE SUMMARY

On December 1, 2021, the City of Glendale will transition to a new franchise hauler system for the collection of solid waste from commercial properties. Municipal operations will therefore focus solely on single family residential properties (and multi-family properties of five units or fewer) that store refuse, recycling and organics material in wheeled carts. These wheeled carts are serviced by automated side loading refuse trucks. New automated side loading refuse trucks were approved as part of the FY 2021-22 budget; however, these trucks take approximately one year to be manufactured during normal conditions. To make sure that the Public Works Department (PWD) has the necessary equipment to provide uninterrupted waste management services to our customers, staff recommends authorization for the purchase of two 2008 refuse trucks for \$35,000 each plus sales tax and a resolution of appropriation to provide adequate funding for this procurement. In addition, staff recommends approval of a 5 percent contingency for any unforeseen additional costs such as ancillary equipment, environmental fees, DMV fees.

COUNCIL PRIORITIES

Exceptional Customer Service: Having adequate vehicle and equipment resources for municipal waste management operations limits missed service incidents and dissatisfied customers.

RECOMMENDATION

That the City Council approve a resolution dispensing with competitive bidding and authorizing the Purchasing Administrator to execute a purchase order contract with King Motors for the purchase of two used 2008 Autocar Xpeditor Heil Rapid Rail CNG Side Loading Refuse Trucks plus a 5 percent contingency. PWD also recommends the City Council authorize a resolution of appropriation of \$81,034 from the Refuse Disposal Fund to provide funds for this procurement.

BACKGROUND

PWD is tasked with providing residential collection services for waste, recyclables, and organics. On December 1, 2021, PWD will relinquish its commercial waste hauling accounts and only service single family and multi-family 2-4 unit residential properties. In preparation for the transition to solely single-family and 2-4 unit multi-family customers, the city hired a consultant via a Southern California Association of Governments grant to optimize these refuse collection routes. The purpose of the new routes is to reduce vehicle miles traveled (VMT) which reduces the adverse impact of the fleet on the environment and traffic congestion. Additionally, there is an understanding that over the years several factors have caused the existing collection routes to become elongated. This includes additional properties serviced, different fueling facilities, new dumping locations and other factors have collectively lengthened the routes beyond reasonable levels. The consultant used a routing algorithm to draft new routes that includes required breaks, pre and post trip safety inspections, fueling and dumping.

The analysis performed by the consultant confirmed that the current 18-19 daily hauling routes used by the city are too long. They projected an average workday of 9.8 hours under the existing routing structure. Under their proposed optimized routes, the number of daily routes will increase to 22-24. In preparation for these additional routes, PWD budgeted for 11 new full-size and one mini automated side loading refuse trucks. These trucks replace older side loading refuse trucks and front loading refuse trucks that were used for the city's commercial accounts. When these trucks are delivered, PWD will have adequate truck inventory for the new optimized routes.

Side loading 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. Therefore, when a new truck is ordered, the chassis is first manufactured by the chassis manufacturer and then, when completed, sent to the body manufacturer. The body manufacturer then assembles the truck body on the chassis and delivers the truck. This process normally takes a year to complete. With pandemic and supply chain challenges, it may take 50 percent longer or a full year and a half.

ANALYSIS

In order to bridge the gap until the new automated side loading refuse trucks arrive, staff recommends approving the purchase of two used 2008 Autocar Xpeditor Heil Rapid Rail CNG Side Loading Refuse Trucks. Currently, there are 24 automated side loading refuse trucks in the fleet. This means PWD can only fill all 24 new routes when every truck is fully operational which is rare. Automated side loading refuse trucks are complex machines with numerous systems and moving parts that require regular maintenance and repairs. Additionally, much of the existing fleet of 24 trucks is old and due for replacement this year. Adding two used units to the fleet will allow for two down trucks per day and enable PWD to bridge the gap until the new fleet arrives.

In 2019, the City standardized to Amrep for automated side loading refuse truck bodies. While the proposed Heil trucks that PWD recommends for this procurement don't feature the unique trolley style arm that the city favors, staff has used this style of truck recently and believes it is top quality. These are sturdy and ideal trucks for this limited application. After reviewing various used truck options available, this is the option favored by staff.

Staff analyzed several other alternatives to purchasing used refurbished trucks such as leasing trucks and converting front loading refuse trucks to side loading. Leasing was not a realistic option because staff found that only diesel powered trucks are available for leasing. Truck conversions costs were comparable to the costs of purchasing used trucks. However, when in operation, converted trucks are significantly longer than standard automated side loading refuse trucks which would make them difficult to operate on some of the city's narrower streets. Using an outside hauler to supplement city services was determined to be cost prohibitive.

The two 2008 Autocar Xpeditor Heil Rapid Rail CNG Side Loading Refuse Trucks were refurbished by the vendor in October 2021 and are ready to be put into service. When the new side loading automated refuse trucks are delivered, these two trucks will be used as backup and eventually sold by the city at auction.

Staff recommends a 5 percent contingency for any unforeseen additional costs such as ancillary equipment, environmental fees, DMV fees and taxes. Because the city has limited experience purchasing used vehicles and equipment from a private vendor and has not worked with the vendor King Motors in the past, the 5 percent contingency for this transaction is appropriate.

STAKEHOLDERS/OUTREACH

Not Applicable.

FISCAL IMPACT

The used automated side loading refuse truck procurement will cost \$77,175 plus a 5 percent contingency of \$3,859 totaling \$81,034 which was not included as part of the FY 2021-22 budget. Therefore, staff is requesting for an appropriation of \$81,034 from the Refuse Disposal Fund balance. The appropriation request is outlined below:

From:
Amount: \$81,034
Funding Source: Refuse Disposal Fund
Account String GL & PL Ledger (if applicable):
GL: 27900-5300-PWD-0000-P0000-T0000-F0000-0000-0000-

To:
Amount: \$81,034
Funding Source: Refuse Disposal Fund
Account String GL & PL Ledger (if applicable):
GL: 51000-5300-PWD-7524-P0000-T0000-F0000-0000-0000-

ENVIRONMENTAL REVIEW

The Project is categorically exempt from environmental review because of CEQA Guidelines §§ 15301.

CAMPAIGN DISCLOSURE

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 are attached in Exhibit 1, in accordance with the City Campaign Finance Ordinance No. 5744.

ALTERNATIVES

Alternative 1: Approve a resolution dispensing with competitive bidding and authorizing the Purchasing Administrator to execute a purchase order contract with King Motors for the purchase of two used 2008 Autocar Xpeditor Heil Rapid Rail CNG Side Loading Refuse Trucks plus a 5 percent contingency and a resolution of appropriation to provide funds for this procurement.

Alternative 2: Do not approve a purchase order contract and appropriation of funds.

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

ADMINISTRATIVE ACTION

Submitted by:

Yazdan T. Emrani, P.E., Director of Public Works

Prepared by:

Shea Eccleston-Banwer, Senior Public Works Manager

Reviewed by:

Sevada Hambarsumian, Acting Fleet Superintendent

Kevin C. Todd, Assistant Director of Public Works

Daniel Hardgrove, Assistant Director of Public Works

Michele Flynn, Director of Finance
Michael J. Garcia, City Attorney

Approved by:

Roubik R. Golanian, P.E., City Manager

EXHIBITS / ATTACHMENTS

Exhibit 1: Campaign Finance Disclosure for King Motors