



TO: Board of Contracts and Awards
FROM: Michael P. Slevin III, P.E., Director, Environmental Services
Gary Kato, Division Manager, Solid Waste Management *go for MPS III*
COPY: City Council, City Manager, City Clerk, SBE Coordinator, LEAP Coordinator, Joseph Parris, Finance/Purchasing, and Andrew Torres, Assistant Division Manager, Solid Waste Management
SUBJECT: Hybrid Automated Side Loader Collection Trucks - Request for Bids Specification No. ES14-0170F – May 13, 2014
DATE: May 1, 2014

SUMMARY:

The Environmental Services Department recommends a contract be awarded to Western Peterbilt, Inc., Seattle, WA, in the amount of \$2,322,753, plus applicable sales tax, budgeted from the ES Solid Waste Fund 4200, to purchase six Hybrid Automated Side Loader collection trucks, for an initial one-year term, with the option to renew for two additional one-year terms, for a projected contract amount of \$6,193,152.

STRATEGIC POLICY PRIORITY:

- Strengthen and maintain a strong fiscal management position.
- Foster neighborhood, community, and economic development vitality and sustainability.

This project utilizes hybrid technology that uses 45 percent less fuel, decreased cost maintenance, and significantly lower carbon emissions.

BACKGROUND:

ISSUE: The proposed collection trucks will replace six Peterbilt Automated Side Loaders that have exceeded their 10-year life cycle and are significantly worn and no longer cost effective to maintain and keep in service. The selected vehicles are innovative hybrid-powered refuse trucks that store energy from braking to supplement the power of the diesel engine, provides 45 percent fuel savings, reduces brake wear, improves drivability, and significantly reduces emissions (an estimated 38 fewer tons of carbon dioxide annually per truck).

ALTERNATIVES: The alternative to purchasing six Hybrid Automated Side Loader Collection Trucks would be to purchase Diesel Automated Side Loaders. The traditional diesel trucks are less expensive, however fuel costs, maintenance costs, and carbon emissions are substantially higher than the Hybrid Automated Side Loaders.

COMPETITIVE SOLICITATION: Request for Bids Specification No. ES14-0170F was opened April 8, 2014. Three companies were invited to bid in addition to normal advertising of the project. Four submittals were received. Bridgeport was the lowest bidder but was not selected because they did not comply with the specification requirements as outlined in the bid documents. Specifically, the vehicle pack eject panel, arm cycle time, and arm strength did not meet specifications. Bridgeport took exception to fifty specific criteria in the bid specification. The table below reflects the amount of the total award.



<u>Respondent</u>	<u>Location</u> <i>(city and state)</i>	<u>Submittal Amount</u>	
Western Peterbilt, Inc. w/ Wayne Body	Spokane, WA	\$2,322,753.00	
Western Peterbilt, Inc. w/ Scorpion Body	Phoenix, AZ	\$2,329,586.00	
Western Peterbilt, Inc. w/ Heil Body	Clackamas, OR	\$2,478,228.00	
*Western Peterbilt, Inc. w/ Bridgeport	Bridgeport, TX	\$2,266,801.50	*Did not meet Spec.

Pre-bid Estimate: \$2,460,000.00

The recommended award is 5.6 percent below the pre-bid estimate.

CONTRACT HISTORY: New contract.

SUSTAINABILITY: These vehicles will reduce carbon dioxide emissions by 38 tons per truck annually, the equivalent of planting 1500 trees, contributing to a greener planet. Fuel consumption will lower by 45 percent delivering dramatic fuel savings; the hydrostatic drive lowers maintenance costs and noise levels.

SBE/LEAP COMPLIANCE: Not applicable.

DISADVANTAGED BUSINESS ENTERPRISE (DBE): Not applicable.

RECOMMENDATION:

The Environmental Services Department recommends a contract be awarded to Western Peterbilt, Inc., in the amount of \$2,322,753, plus applicable sales tax, to purchase six Hybrid Automated Side Loader collection trucks, for an initial one-year term, with the option to renew for two additional one-year terms.

FISCAL IMPACT:

EXPENDITURES:

FUND NUMBER & FUND NAME *	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
ES Solid Waste Fund 4200	ENV-0016		\$2,322,753.00
TOTAL			\$2,322,753.00

* General Fund: Include Department

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
ES Solid Waste Fund 4200	512005		\$2,322,753.00
TOTAL			\$2,322,753.00

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$2,322,753.00

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes