



TO: Board of Contracts and Awards
FROM: Michael P. Slevin III, P.E., Director, Environmental Services
 Lewis Griffith, Division Manager, Solid Waste Management
COPY: City Council, City Manager, City Clerk, SBE Coordinator, LEAP Coordinator,
 Jeff Nanakul, Management Analyst II, and Jessica Tonka, Finance/Purchasing
SUBJECT: Purchase three Compressed Natural Gas, Single Rear Axle 18 Cubic Yard Rear
 Loader Refuse Trucks – National Joint Powers Alliance
 Contract Nos. 081716-NAF and 112014-NWY – April 10, 2018
DATE: March 20, 2018

RECOMMENDATION SUMMARY:

The Environmental Services Department Solid Waste Management Division recommends a contract be awarded to 72 Hour LLC dba National Auto Fleet Group, Watsonville, CA, in the amount of \$522,738.00, for the purchase of three Compressed Natural Gas Single Axle Rear Loader Chassis; and to Scranton Manufacturing Company Inc., Scranton, IA, in the amount of \$349,168.02, for the purchase of three 18-Yard Rear Loader Bodies, for a cumulative total of \$871,906.02, plus applicable sales tax, budgeted from the ES Solid Waste Fund 4200, for use in residential waste collection.

STRATEGIC POLICY PRIORITY:

- Strengthen and support a safe city with healthy residents.
- Assure outstanding stewardship of the natural and built environment.
- Encourage and promote an efficient and effective government, which is fiscally sustainable and guided by engaged residents.

The Compressed Natural Gas (CNG) rear loader trucks will enable Solid Waste Management’s (SWM) truck fleet to operate more efficiently using CNG fuel and reduce environmental impacts by decreasing greenhouse gas and particulate emissions.

BACKGROUND:

ISSUE: The proposed CNG rear loader trucks will replace three diesel rear loader trucks that have exceeded their 12-year life cycle and are significantly worn and no longer cost effective to maintain and keep in service. The selected vehicles will have CNG capabilities contributing to less carbon emissions and significant fuel savings. The rear loader trucks will be used to collect solid waste from residential customers.

ALTERNATIVES: The alternative to purchasing three CNG rear loader trucks would be to purchase diesel rear loader trucks. The traditional diesel trucks are less expensive, however fuel costs, maintenance costs, and carbon emissions are substantially higher than the CNG rear loader trucks. Purchasing diesel rear loader trucks does not meet the City’s sustainability priorities.



COMPETITIVE ANALYSIS:

The National Joint Power Alliance (NJPA) is a municipal contracting government agency that services thousands of government agencies nationally. NJPA offers a multitude of cooperatively contracted products, equipment and service opportunities, which are awarded through a competitive bidding process. Contract No. 081716-NAF is valid through December 16, 2018, and NJPA Contract No. 112014-NWY is valid through November 15, 2020. Both contracts include the specified CNG rear loader trucks.

CONTRACT HISTORY: New contract.

SUSTAINABILITY: These vehicles will possess CNG engines instead of diesel engines. The exhaust emissions on the CNG engine are 90 percent lower than the current EPA NOx limit and also meet the 2017 EPA greenhouse gas emission requirements.

SBE/LEAP COMPLIANCE: Not Applicable.

FISCAL IMPACT:

EXPENDITURES:

FUND NUMBER & FUND NAME *	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
ES Solid Waste Fund 4200	ENV-00116	Various	\$871,906.02
TOTAL			\$871,906.02

* General Fund: Include Department

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
ES Solid Waste Fund 4200	512000	Various	\$871,906.02
TOTAL			\$871,906.02

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$871,906.02

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes