

CIP EXPENSE DETAIL

DATE OF COUNCIL CONSIDERATION:
CONTACT DEPARTMENT(S):

5/22/14
Fleet / WPD

SUBJECT:

Authorize award and execution of contracts for light-duty vehicles through the Texas Local Government Purchasing Cooperative (BuyBoard) with CALDWELL COUNTRY CHEVROLET DBA BABY JACK II AUTOMOTIVE, LTD for the purchase of 27 light-duty vehicles in an amount not to exceed \$1,017,441; GRAPEVINE DODGE CHRYSLER JEEP, LLC DBA GRAPEVINE DCJ, LLC for the purchase of 14 light-duty vehicles in an amount not to exceed \$581,015; SILSBEE FORD, INC. for the purchase of 49 light-duty vehicles in an amount not to exceed \$1,219,628; and SILSBEE TOYOTA, INC. for the purchase of one Prius in an amount not to exceed \$23,307, for total contracts amount not to exceed \$2,841,391.

CURRENT YEAR IMPACT:

Department:	Watershed
Project Name:	Vehicle Fund
Fund/Department/Unit:	4850 6307 7010
Funding Source:	DUF Funds
Current Appropriation:	9,124,673.00
Unencumbered Balance:	1,756,948.00
Amount of This Action:	(155,240.00)
Remaining Balance:	<u>1,601,708.00</u>

ANALYSIS / ADDITIONAL INFORMATION:

This contract is for the purchase of 36 replacement and 55 new light-duty vehicles to be distributed among Austin Energy, Austin Fire Department, Austin Transportation Department, Austin Water Utility Department, Aviation Department, Code Compliance Department, Emergency Medical Transportation Department, Fleet Services Department, Neighborhood Planning and Development Department, Parks and Recreation Department, Public Works and Transportation Department, and the Watershed Protection Department.

Fleet Services and the Office of Sustainability have worked together to develop a vehicle purchasing process leading to the citywide objective of obtaining carbon neutrality by 2020. The purchasing criteria incorporate criteria pollutant and greenhouse gas emissions impact, available technologies on the market, physical demands on the vehicle, service application, and life-cycle cost. These criteria are applied to all vehicle purchase requests submitted to Fleet.

16 of these vehicles are powered with engines capable of operating on B20 biodiesel (20% biodiesel blended with 80% petro-diesel). The B20 biodiesel that the City of Austin currently purchases is TXLED compliant, ultra-low sulfur diesel, with the TCEQ approved KERN additive. A new technology vehicle operating on B20 produces at least 10% less particulate matter, at least 10% less carbon monoxide, and at least 10% less unburned hydrocarbons than those running on petro-diesel. They also reduce life cycle greenhouse gas emissions by at least 15%.

Seventy-one (71) of these vehicles are flex fuel vehicles that are capable of operating on gasoline (typically 6-10% ethanol) up to E85 (85% ethanol blended with 15% gasoline). A new-technology flex fuel vehicles

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operating on E85 produces tailpipe NOx, carbon monoxide, and non-methane hydrocarbon levels no different from running on gasoline while also reducing life cycle greenhouse gas emissions by at least 20%.

Two of these vehicles are powered by hybrid-electric technology. These vehicles typically have improved fuel economy ranging from 5-75% over non-hybrid comparative vehicles. Improved fuel economy equals less fuel used which reduces cost and tailpipe criteria air pollutant and greenhouse gas emissions.

Two of these vehicles are electrically powered. Electric vehicles contribute to the City's goal of making its vehicle fleet carbon-neutral by 2020. They emit zero tailpipe emissions. In addition, electric vehicles charged on the Austin Energy Plug-in Everywhere network are powered using GreenChoice (100% renewable energy) power, eliminating criteria air pollutant and greenhouse gas emissions.

The vehicles in this RCA have been recommended for purchase utilizing a process that involves the Fleet Officer, affected Department Directors, and Assistant City Managers (ACMs). ACM approval is required for all new additions to the City's fleet prior to any requests being made to the Purchasing Office.

Departments review the list of vehicles determined eligible by Fleet Services for replacement based on mileage, hours of use, and maintenance costs. From that list, priority uses were determined within the departments, and the proposed vehicle was reviewed by the Fleet Service Center Manager to insure the specified vehicle is appropriate for the use.

All of these replacement vehicles have met the Fleet Officer's eligibility criteria for replacement. The Fleet Service Center Managers have inspected each vehicle to be replaced and determined that the mileage or hours of use of each vehicle proposed for replacement cannot be increased without risking a significant increase in repair costs and loss of productivity due to down time.

Watershed Protection

4 Dodge 3500 Crew Cab Trucks – New