

# CIP EXPENSE DETAIL

**DATE OF COUNCIL CONSIDERATION:**  
**CONTACT DEPARTMENT(S):**

10/24/13  
Fleet

**SUBJECT:** Authorize award and execution of a contract through the Texas Local Government Purchasing Cooperative (BuyBoard) with SIDDONS-MARTIN EMERGENCY GROUP for the purchase of two pumper fire trucks and two ladder fire trucks in an amount not to exceed \$3,000,375.

<b>Department:</b>	<b>Fleet Services Department</b>
Project Name:	Capital Equipment and Vehicles
Fund/Department/Unit:	8870-7807-0600
Funding Source:	2013-2014 Capital Budget
Current Appropriation:	10,850,000.00
Unencumbered Balance:	0.00
Amount of This Action:	<u>(3,000,375.00)</u>
Remaining Balance:	<u>7,849,625.00</u>
Total Amount of this Action	<u><u>3,000,375.00</u></u>

**ANALYSIS / ADDITIONAL INFORMATION:** This contract is for the purchase of two replacement Velocity Foam Pumper fire trucks and two replacement Velocity Heavy Duty Ladder fire trucks. These trucks will be used in various capacities depending on the size and nature of the fire or incident and are built to current National Fire Protection Association (NFPA) standards.

Two of these trucks will be equipped with a standard foam system, on-board water tank, 1250-gallon-per-minute fire pump, ground ladders, assorted firefighting tools, hose and equipment, side-curtain and front airbags, and will carry a maximum of six firefighters. These fire-apparatuses are capable of pumping water from either a fire hydrant or from the on-board water tank.

Two of these trucks will be equipped with a 105 foot heavy duty ladder with a rated load capacity of 500 lbs., 1000-gallon-per-minute fire pump, 300 gallon water tank, assorted firefighting tools, hose and equipment, side-curtain and front airbags, and will carry a maximum of five firefighters.

The two ladder trucks will be assigned as follows:

Station 03 201 W. 30<sup>th</sup> St.  
Station 15 829 Airport Blvd.

The two pumper trucks will be assigned as follows:

Station 14 4305 Airport Blvd.  
Station 32 2804 Montebello Rd.

Fleet Services and the Office of Sustainability have worked together to develop a vehicle purchasing process to progress towards our 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.

All of these fire 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 from running on petro-diesel, while also reducing life cycle greenhouse gas emission by at least 15%.

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).

Departments review the list of vehicles determined eligible for replacement by Fleet Services based on mileage, hours of use, and maintenance costs. From that list, priority uses were determined within the departments, and the proposed equipment 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.

Siddons-Martin Emergency Group is contracted through BuyBoard to supply these types of vehicles to other public entities statewide as a result of a competitive bidding process. The Siddons-Martin contract allows AFD and Fleet the ability to standardize the unit layout to fully meet the needs of the end user as well as reduce the costs to maintain these vehicles. Utilizing BuyBoard contracts provides for volume discount pricing as well as the earliest opportunity to place the City's equipment orders.