

## CIP EXPENSE DETAIL

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

8/22/13  
Fleet

**SUBJECT** Authorize award and execution of a contract through the Texas Local Government Purchasing Cooperative (BuyBoard) with PROFESSIONAL TURF PRODUCTS, LP for the purchase of five medium-duty mowers in an amount not to exceed \$72,066.

<b>Department:</b>	<b>Austin Water Utility</b>
Project Name:	AWU Capital Vehicles-Water
Fund/Department/Unit:	4180-2207-8677
Funding Source:	Contractual Obligations

Current Appropriation:	1,596,378.00
Unencumbered Balance:	1,510,594.73
Amount of This Action:	<u>(13,534.00)</u>
Remaining Balance:	<u>1,497,060.73</u>

<b>Department:</b>	<b>Health &amp; Human Services</b>
Project Name:	HHSD Equipment Purchase
Fund/Department/Unit:	8560-7407-0106
Funding Source:	Contractual Obligations

Current Appropriation:	95,500.00
Unencumbered Balance:	47,953.90
Amount of This Action:	<u>(12,485.00)</u>
Remaining Balance:	<u>35,468.90</u>

Total Amount of this Action	<u><u>(26,019.00)</u></u>
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**ANALYSIS / ADDITIONAL INFORMATION** This contract is for the purchase of four additional and one replacement medium duty mowers to be distributed between Austin Water Utility, Health and Human Services, Municipal Court, and the Park and Recreation departments.

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.

Two of these mowers 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%.

Three of these mowers are powered by propane. Propane is a domestically produced, well-established, clean-burning fuel that increases energy security, provides convenience and performance benefits, and improves public health and the environment. Propane costs less than gasoline and offers a comparable driving range to conventional fuel. Propane is nontoxic, nonpoisonous, and insoluble in water plus is a cleaner-burning fuel than conventional gasoline and diesel due to its lower carbon content which offers life cycle greenhouse (GHG) emissions benefits over gasoline. Switching to propane from gasoline can also result in substantial air pollutant reductions of hydrocarbons, carbon monoxide, and oxides of nitrogen.

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