

CIP EXPENSE DETAIL

DATE OF COUNCIL CONSIDERATION:
CONTACT DEPARTMENT(S):

11/20/14
Aviation

SUBJECT:

Authorize award and execution of a contract through the Houston-Galveston Area Council Cooperative with NILFISK ADVANCE, INC., for a street sweeper in an amount not to exceed \$142,060.

Funding is available in the FY 2014-2015 Capital Budget of the Aviation Department.

CURRENT YEAR IMPACT:

Department:	Aviation
Project Name:	Mechanic Shop Division FY2014
Fund/Department/Unit:	4910-8107-4056 Department of Aviation
Funding Source:	Airport Capital Fund
Current Appropriation:	891,876.00
Unencumbered Balance:	142,487.25
Amount of This Action:	(142,060.00)
Remaining Balance:	<u>427.25</u>

ANALYSIS / ADDITIONAL INFORMATION:

The Aviation Department will use this sweeper to clean airline gate areas, rejuvenate paint markings on the tarmac and runways, and scrub the tarmac and runways of airplane hydraulic fluid per Federal Aviation Administration requirements.

Fleet Services and the Office of Sustainability have worked together to develop an equipment purchasing process to progress towards our citywide objective of obtaining carbon neutrality by 2020. The purchasing standard incorporates the following criteria: pollutant and greenhouse gas emissions impact, available technologies on the market, physical demands on the equipment, service application, and life-cycle cost. These criteria are applied to all equipment purchase requests submitted to Fleet.

This piece of equipment is powered with an engine capable of operating on B20 biodiesel (20% biodiesel blended with 80% petro-diesel). The B20 biodiesel that the City currently purchases is TXLED compliant, ultra-low sulfur diesel, with the TCEQ approved KERN additive. Equipment 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 piece of equipment in this RCA has 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.