

PORT OF SEATTLE
MEMORANDUM

COMMISSION AGENDA

Item No. 5b

ACTION ITEM

Date of Meeting November 9, 2010

DATE: October 25, 2010

TO: Tay Yoshitani, Chief Executive Officer

FROM: Randy Krause, Fire Chief

SUBJECT: Fire Department Medical Aid and Aircraft Firefighting Vehicles Capital Improvement Project CIP #102396

Amount of This Request: \$29,000

Source of Funds: ADF

Approximate Sales Tax Paid: \$2,800

Jobs Created: N/A

Total Project Cost: \$ 1,124,000

ACTION REQUESTED:

Request authorization for the Chief Executive Officer to approve an additional \$29,000 for the Fire Department Medical Aid and Airfield Firefighting Vehicles to allow the purchase and installation of essential thermal imaging equipment and their electrical chargers. The original project was approved for \$1,095,000, the supplementary funds would increase the authorized amount to \$1,124,000.

SYNOPSIS:

In 2008, the Commission approved the purchase of a Fire Department Medical Aid Vehicle and an Aircraft Firefighting Vehicle to replace aging equipment. During final equipping of the vehicles, it was necessary to add thermal imaging cameras and their electrical chargers. These new imaging cameras are replacing three antiquated first generation cameras that were acquired via a regional grant over ten years ago. The previous cameras are no longer safe to operate due to their propensity to shut down unexpectedly even though the batteries are new and fully charged. The new thermal imaging camera system is state of the art, lighter in weight, have enhanced imaging, temperature identification, and a significantly longer battery life. These new thermal imaging cameras will enhance Firefighter and Emergency Responder safety and effectiveness in life-threatening situations.

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BACKGROUND:

The Aircraft Firefighting Vehicle and Medical Aid Vehicle purchases were initiated in 2008 and were combined into one Capital Improvement Project, #102396. The vehicle acquisition is complete and final equipping of the vehicles includes the thermal imaging system.

JUSTIFICATION:

These new generation thermal imagers provide enhanced imaging sensitivity, illumination and temperature identification for determining the location of entrapped victims as well as difficult to find fires such as within walls.

SCOPE OF WORK AND SCHEDULE:

Complete necessary acquisition, equipping of vehicles, and Capital Improvement Project close-out activities before 2011.

FINANCIAL IMPLICATIONS:

Budget/Authorization Summary – CIP #102396: The additional cost of the thermal imaging system equipment is \$29,000.

Total Original Budget	\$2,476,000
Budget Increase / (Decrease)	\$(1,107,000)
Revised Budget	\$1,369,000
Previous Authorizations	\$1,095,000
Current request for authorization	\$29,000
Total Authorizations, including this request	\$1,124,000
Remaining budget to be authorized	\$0

Budget Status and Source of Funds:

This vehicle acquisition project was included in the 2008 capital budget and plan of finance, and subsequently authorized by the Commission. The funding source is the Airport Development Fund.

ENVIRONMENT AND SUSTAINABILITY:

These new vehicles are equipped with improved emission systems to minimize tailpipe exhaust.

STRATEGIC OBJECTIVES:

This purchase supports the Port strategies to “Enhance the Public Understanding and Support of the Port’s Role in the Region and to be a High Performance Organization”. This upgrade in public aid vehicles will enable a continued ability to provide rapid response to the airfield, and to travelers and community members alike who need urgent medical care.

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BUSINESS PLAN OBJECTIVES:

The primary focus of Seattle-Tacoma International Airport is the provision of a safe and secure airport operating facility with sufficient emergency support for our tenants, the traveling public, and to protect the region's airport assets. Thermal image systems enhance the safety of fire fighters who rapidly respond to urgent needs of travelers, the public and local community when providing assistance to local cities via mutual aid agreements.

PREVIOUS COMMISSION ACTION:

On June 10, 2008, the Commission approved \$1,095,000 for the purchase of a Fire Department Medical Aid Vehicle and an Airfield Firefighting Vehicle.