

## CIP EXPENSE DETAIL

DATE OF COUNCIL CONSIDERATION:  
CONTACT DEPARTMENT(S):

9/22/11  
Aviation

**SUBJECT:** Authorize execution of a construction contract with EAS CONTRACTING, L.P., Carrollton, TX, for Airfield Lighting Control and Monitoring System (ALCMS) Upgrade in the amount of \$631,690 plus a \$63,169 contingency, for a total contract amount not to exceed \$694,859.

Funding is available in the Fiscal Year 2010-2011 Capital Budget of the Aviation Department.

### CURRENT YEAR IMPACT:

Department:	Aviation
Project Name:	Airfield Lighting Control and Monitoring System Update
Fund/Department/Unit:	4910-8107-3142
	Department of Aviation
Funding Source:	Airport Capital Fund
Current Appropriation:	1,100,000.00
Unencumbered Balance:	721,352.79
Amount of This Action:	<u>(694,859.00)</u>
Remaining Balance:	<u>26,493.79</u>
 Total Amount of this Action	 <u><u>694,859.00</u></u>

**ANALYSIS / ADDITIONAL INFORMATION:** The existing Airfield Lighting Control and Monitoring System (ALCMS) at the Austin Bergstrom International Airport (ABIA) was designed in 1994 and installed in 1997. Advances in technology have made the system obsolete. ABIA has received an "end of life letter" from the equipment supplier stating that the system will no longer be supported.

The proposed ALCMS has been designed and will be installed in accordance with current Federal Aviation Administration (FAA) guidelines. It will accommodate future expansion and improve control of airfield lighting by the air traffic controllers. The new system has been designed to be fully redundant to provide additional safety features in event of equipment failures. The FAA is supporting the project with grant funding.

This contract amount includes alternate bid items for runway guard lights which increase safety by enhancing the visibility of hold positions on taxiways, especially during inclement weather conditions. A 10% contingency has been included to accommodate any potential code changes and unforeseen events or conditions due to the nature of working with electrical wiring in existing buildings.

The contract allows 192 calendar days for completion of this project. This project is located within zip code 78719 and is managed by the Public Works Department.