

CIP EXPENSE DETAIL

DATE OF COUNCIL CONSIDERATION:
CONTACT DEPARTMENT(S):

4/26/12
Aviation

SUBJECT: Authorize award and execution of a 60-month requirements contract to provide passenger boarding bridge maintenance support and repair parts in an estimated amount not to exceed \$1,000,000; and authorize award and execution of a contract for the purchase and installation of 24 loading bridge preconditioned air units in an estimated amount not to exceed \$1,825,367, with JBT AEROTECH/JETWAYS SYSTEMS for the Aviation Department, for a total estimated amount not to exceed \$2,825,367. JBT Aero Tech/Jetway Systems is the sole source provider for the products.

Funding in the amount of \$83,333 is available in the Fiscal Year 2011-2012 Operating Budget of the Aviation Department. Funding for the remaining 55 months of the original contract period is contingent upon available funding in future budgets. Funding in the amount of \$1,825,367 for the air units is available in the Fiscal Year 2011-2012 Capital Budget of the Aviation Department.

CURRENT YEAR IMPACT:

Department:	Aviation
Project Name:	Passenger Boarding Bridges Air Units
Fund/Department/Unit:	4910-8107-3224
	Department of Aviation
Funding Source:	Airport Capital Fund
Current Appropriation:	1,830,000.00
Unencumbered Balance:	1,830,000.00
Amount of This Action:	(1,825,367.00)
Remaining Balance:	<u>4,633.00</u>
 Total Amount of this Action	 <u><u>1,825,367.00</u></u>

ANALYSIS / ADDITIONAL INFORMATION:

This contract is for the purchase of passenger boarding bridge maintenance and repair parts at Austin-Bergstrom International Airport (ABIA). These parts will be used to maintain the passenger boarding bridges mechanical and electrical system and associated aircraft power supply 400Hz units that supplies power to the aircraft when docked at the bridges and supplies to maintain the heating and cooling units for the bridges.

In addition, this includes a one-time purchase of 24 JBT Aero Tech JetAire Point-of-Use 50 ton DX self-contained automatically controlled preconditioned air units with controls to be mounted to the boarding bridges at a cost of \$1,825,367. These air conditioning units are used to provide cooling and heating to the parked aircraft's supply air system during pre-flight boarding and un-boarding services. The existing units were installed in 1999 and have reached their end of life resulting in a high failure rate and increased maintenance and repair costs. These units are essential to the operation of the passenger boarding bridges. Without this level of support the Aviation Department will not be able to meet the department goals and ensure facility systems are functional and available at all times. The new JetAire units are designed to be a direct replacement for the existing XPC4500 units. No control or bridge structure modifications will be needed for the installation. The new units also use an environmentally friendly refrigerant R407C, which will provide 29 degree outlet temperature to the aircraft.

This is a sole source contract. JBT AeroTech/Jetway Systems is the original manufacturer of the boarding bridges and is the only supplier who can provide replacement parts. JBT AeroTech/Jetway Systems will provide all parts under this contract at a 5% discount from its published price list.