



CITY OF FORT LAUDERDALE
City Commission Agenda Memo
REGULAR MEETING

#16-0076

TO: Honorable Mayor & Members of the
Fort Lauderdale City Commission

FROM: Lee R. Feldman, ICMA-CM, City Manager

DATE: February 2, 2016

TITLE: Resolution Authorizing the Acceptance of Grant Funds and Execution of a
Joint Participation Agreement with Florida Department of Transportation
for the Design of Airfield Electrical Vault Improvements at Fort Lauderdale
Executive Airport

Recommendation

It is recommended that the City Commission adopt a resolution accepting grant funding of \$64,000 or 80% of the costs, whichever is less, for the design of Airfield Electrical Vault Improvements at Fort Lauderdale Executive Airport (FXE) from the Florida Department of Transportation (FDOT) and authorize the City Manager to execute a Joint Participation Agreement (JPA) on behalf of the City for such funding.

Background

This project is for the design of the Airport's electrical/emergency generator vault at FXE, which was based on an evaluation report prepared by the Airport's General Aviation consultant, HDR Engineering (HDR). HDR was tasked to conduct an operational and code assessment of the airfield electrical vault to include a visual review of airfield lighting and signage, the vault assessment, requirements for upgrade and enhancement of navigational aid equipment, and a conceptual budget. Based on the Engineers assessment, an arc-flash study will be performed; repairs will be made to the vault's lightning protection system; improvements to work space, as well as equipment replacement, including the Airport's rotating beacon and airfield constant current regulators.

The last major upgrade to the electrical/generator vault was completed in 2001. Since then, there have been upgrades in regulator/transformer equipment that can reduce the operating and maintenance costs for the Airport and increase energy efficiency by replacing the existing equipment. The Airport will replace the regulators with new energy efficient regulators as part of this project. In addition, there will be additional improvements to the vault as a result of the evaluation report that was prepared by the consultant.

The estimated project cost for design of the project is \$80,000. The FDOT has initiated a JPA in the amount of \$64,000 to provide up to 80% of the cost. The Airport's matching share of \$16,000 (20%), is provided for in the project fund.

Resource Impact

There is a positive fiscal impact to the City for the grant in the amount of \$64,000 contingent upon approval and appropriation of the February 2, 2016 Consolidated Budget Amendment CAM #16-0078. The required grant match of \$16,000 is currently funded in the Community Investment Plan.

APPROPRIATE REVENUE

FUNDS AVAILABLE AS OF January 6, 2016					
ACCOUNT NUMBER	INDEX NAME (PROGRAM)	CHARACTER CODE/ SUB-OBJECT NAME	AMENDED BUDGET (CHARACTER)	AVAILABLE BALANCE (CHARACTER)	AMOUNT
468-P12189.468A-D479	Airfield Electrical Vault Improvements	Intergovernmental Revenue/ FDOT Transportation	\$ 0	\$ 0	\$ 64,000
TOTAL ►					\$ 64,000

APPROPRIATE EXPENSE

FUNDS AVAILABLE AS OF January 6, 2016					
ACCOUNT NUMBER	INDEX NAME (PROGRAM)	CHARACTER CODE/ SUB-OBJECT NAME	AMENDED BUDGET (CHARACTER)	AVAILABLE BALANCE (CHARACTER)	AMOUNT
468-P12189.468A-6534	Airfield Electrical Vault Improvements	Capital Outlay/ Engineering Fees	\$ 0	\$ 0	\$ 64,000
TOTAL ►					\$ 64,000

FUNDS AVAILABLE AS OF January 6, 2016					
ACCOUNT NUMBER	INDEX NAME (PROGRAM)	CHARACTER CODE/ SUB-OBJECT NAME	AMENDED BUDGET (CHARACTER)	AVAILABLE BALANCE (CHARACTER)	AMOUNT
468-P12189.468-6534	Airfield Electrical Vault Improvements	Capital Outlay/ Engineering Fees	\$ 135,340	\$ 135,340	\$ 16,000
TOTAL ►					\$ 16,000

Strategic Connections

This item is a *Press Play Fort Lauderdale Strategic Plan 2018* initiative, included within the Business Development Cylinder of Excellence, specifically advancing:

- Goal 7: Be a well-positioned City within the global economic and tourism markets of the South Florida region, leveraging our airports, port, and rail connections.
- Objective 4: Deliver best-in-class regional general aviation airport amenities and services to domestic and international stakeholders.

This item advances the *Fast Forward Fort Lauderdale 2035 Vision Plan: We Are Community*.

Related CAM

16-0078 - Consolidated Budget Amendment

Attachments

Exhibit 1 - Joint Participation Agreement

Exhibit 2 - Resolution

Prepared by: Rufus A. James, Airport Manager

Department Director: Diana Alarcon, Transportation and Mobility