



CITY OF FORT LAUDERDALE
City Commission Agenda Memo
REGULAR MEETING

#16-1509

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

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

DATE: January 4, 2017

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

Recommendation

It is recommended that the City Commission accept an additional \$400,000 in grant funding from the Florida Department of Transportation (FDOT) for Airfield Electrical Vault Improvements at Fort Lauderdale Executive Airport (FXE), and approve a resolution authorizing the City Manager to execute a Supplemental Joint Participation Agreement (SJPA) on behalf of the City.

Background

This project is for the design and construction improvements of the electrical/emergency generator vault at FXE. The Airport's general aviation consultant, HDR Engineering (HDR) prepared an evaluation report after conducting an operational and code assessment of the airfield electrical vault. This evaluation includes a visual review of airfield lighting and signage, a vault assessment, requirements for upgrade and enhancement of navigational aid equipment, and a conceptual budget. Based on the engineer's assessment, an arc-flash study will be performed; repairs will be made to the vault's lightning protection system. This will also include improvements to the 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 2002. 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.

Based on the engineer's estimated project cost of \$580,000, FDOT has provided a Supplemental Joint Participation Agreement (SJPA) in the amount of \$400,000 for the projected construction costs. The grant match amount of \$100,000 is in the project budget. The Aviation Advisory Board supported staff's recommendation to approve the (SJPA) at its meeting of December 8, 2016.

Resource Impact

There is a positive fiscal impact to the City in the amount of \$400,000 for the grant revenue contingent upon approval and appropriation of the January 4, 2017 Consolidated Budget Amendment CAM #16-1426. The required grant match of \$100,000 is currently funded in the Community Investment Plan.

<i>Funds available as of December 2, 2016</i>					
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	Intergov't Revenue/ FDOT Transportation	\$64,000	\$64,000	\$400,000.00
TOTAL AMOUNT →					\$400,000.00

Use:

ACCOUNT NUMBER	INDEX NAME (Program)	CHARACTER CODE/ SUB-OBJECT NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	AMOUNT
468-P12189.468A-6599	Airfield Electrical Vault Improvements	Capital Outlay/ Construction	\$0	\$0	\$300,000.00
468-P12189.468A-6534	Airfield Electrical Vault Improvements	Capital Outlay/ Engineering Fees	\$64,000	\$64,000	\$100,000.00
TOTAL AMOUNT →					\$400,000.00

Cash Match

ACCOUNT NUMBER	INDEX NAME (Program)	CHARACTER CODE/ SUB-OBJECT NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	AMOUNT
468-P12189.468-6599	Airfield Electrical Vault Improvements	Capital Outlay/ Construction	\$135,340	\$133,734	\$100,000.00
TOTAL AMOUNT →					\$100,000.00

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 Prosperous*.

Related CAM

#16-1426 Consolidated Budget Amendment

Attachments

Exhibit 1 – Supplemental Joint Participation Agreement

Exhibit 2 – Resolution

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Department Director: Diana Alarcon, Transportation and Mobility