



CITY OF FORT LAUDERDALE
City Commission Agenda Memo
REGULAR MEETING

#18-1009

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

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

DATE: October 9, 2018

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 \$457,828 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. Based on the engineers estimated project cost of \$580,000, FDOT provided a Supplemental Joint Participation Agreement (SJPA) in the amount of \$400,000 for the projected construction costs. The City received three bids in response to the solicitation, and the bid submitted by American Infrastructure Services, Inc. of Fort Myers, FL, in the amount of \$1,063,648, has met the specifications of the solicitation and is the lowest cost. FDOT has agreed to provide additional grant funding in the amount of \$457,828 because of the actual total project cost.

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.

The grant match amount of \$114,457 is available in the project budget. The Aviation Advisory Board supported staff's recommendation to approve the SJPA at its meeting of September 27, 2018.

Resource Impact

There is a positive fiscal impact to the City in the amount of \$457,828 for the grant revenue contingent upon approval and appropriation of the October 9, 2018 Consolidated Budget Amendment CAM #18-0530. The required grant match of \$114,457 is available in the project budget.

Source:

Funds available as of September 11, 2018

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	\$464,000	\$393,377	\$457,828.00
TOTAL AMOUNT →					\$457,828.00

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	\$464,000	\$0	\$457,828.00
TOTAL AMOUNT →					\$457,828.00

Source: (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	\$855,929	\$138,425	\$114,457.00
TOTAL AMOUNT →					\$114,457.00

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

#18-0530 Consolidated Budget Amendment

Attachments

Exhibit 1 – Supplemental Joint Participation Agreement

Exhibit 2 – Resolution

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