



**CITY OF FORT LAUDERDALE
City Commission Agenda Memo
REGULAR MEETING**

#15-0400

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

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

DATE: May 5, 2015

TITLE: Design Services for Fort Lauderdale Executive Airport Airfield Lighting
Rehabilitation - HDR Engineering, Inc. – \$79,980

Recommendation

It is recommended that the City Commission approve Task Order No. 3 (Exhibit 1 attached) with HDR Engineering, Inc., in the amount of \$79,980.

Background

The last substantial upgrade to the Fort Lauderdale Executive Airport's taxiway and runway lighting and signage systems was completed in 2002. Since that time, the aviation industry has begun to replace and upgrade the airfield lighting systems using more current light-emitting diode (LED) technology as opposed to the existing quartz taxiway/runway lights. This technology has allowed for substantially more efficient and low-energy lighting fixtures and signs. It is the Airport's intention to replace the existing airfield taxiway/runway lighting system with new LED lights that will improve visibility of the airfield, reduce maintenance costs, and increase the life-cycle compared to the existing lights. In addition, an assessment will be made of the airport's electrical/lighting vault to perform an operational evaluation of the lighting equipment, evaluate code compliance issues, and provide a recommendation for any required future improvements to the vault.

Staff has negotiated Task Order No. 3 and the associated fees with HDR Engineering, Inc., the Airport's general engineering aviation consultant, to provide design services in the amount not to exceed \$79,980. The Task Order will consist of providing evaluation of the existing airfield lighting and electrical vault, conducting airport staff review meetings, preparing construction plans and bid specifications, and assistance during the bidding process.

Funds for this Task Order are available from the Airport's approved Community Investment Plan (CIP) and from a Joint Participation Agreement for the reimbursement of approximately 80% of the design costs (\$63,984). Staff has reviewed both the Task Order and fees and found both to be acceptable.

The item was reviewed and approved at the Airport's Aviation Advisory Board meeting on March 26, 2015.

Resource Impact

There will be a fiscal impact to the City in the amount of \$79,980 for the design services task order and \$26,416 for in house project management fees for a total of \$106,396.

<i>Funds available as of April 22, 2015</i>					
ACCOUNT NUMBER	INDEX NAME (Program)	OBJECT CODE/ SUB-OBJECT NAME	AMENDED BUDGET (Object Code)	AVAILABLE BALANCE (Object Code)	PURCHASE AMOUNT
468-P11997.468-6599	AIRFIELD LIGHTING REHABILITATION	CAPITAL OUTLAY/ CONSTRUCTION	\$116,000	\$113,389	\$42,412
468-P11997.468A-6599	AIRFIELD LIGHTING REHABILITATION	CAPITAL OUTLAY/ CONSTRUCTION	\$464,000	\$464,000	\$63,984
PURCHASE TOTAL →					\$106,396

Strategic Connections:

This item is a *Press Play Fort Lauderdale Strategic Plan* 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.
- Initiative 1: Examine the highest and best use of airport property to stimulate economic development and create jobs.

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

Attachment(s)

Exhibit 1 – Task Order No. 3

Prepared by: Fernando Blanco, Project Manager II
Pedram Zohrevand, P.E., Assistant City Engineer

Department Director: Hardeep Anand, P.E., Public Works