



City Council Report

Date: August 24, 2015
To: City Council
Through: Kari Kent, Assistant City Manager
From: Beth Huning, City Engineer
Rob Kidder, Assistant City Engineer
Subject: Falcon Field Airport
Realign and Construct Taxiway 'A'
Project No. C10439
District 5

Strategic Initiatives



Purpose and Recommendation

The purpose of this report is to provide information to the Council concerning bids received for the Falcon Field Airport Realign and Construct Taxiway 'A' project. (See attached Exhibit "A" for a location map.)

Staff recommends that Council award a contract for this project to the lowest responsible bidder, Combs Construction Company, Inc., in the amount of \$1,289,248.39, and authorize a change order allowance in the amount of \$128,924.84.

Background

The proposed project consists of priority runway safety improvements included in the Falcon Field Airport Master Plan and Runway Safety Action Plan, and the Federal Aviation Administration (FAA) Runway Incursion Mitigation Program. On July 8, 2015 Council accepted an Airport Improvement Program (AIP) Grant Agreement from the FAA that provides 91.06% of the necessary construction funding.

Discussion

This project will enhance safety at Falcon Field Airport by re-aligning the intersection of Taxiway 'A' with the approach end of Runway 4R. The taxiway currently intersects the active part of the runway, creating potential safety issues. The project will also increase the total amount of aircraft run-up area and provide operational flexibility and efficiency.

Community Impact. This project will improve airport operations and safety at Falcon Field Airport. In accordance with the *Falcon Field Fly Friendly Program* strategies, it will also encourage the use of Runway 4L (north runway) for flight training operations.

Temporary impacts include construction noise and dust for airport users only. All work is on the airport, with no traffic restrictions on public streets. Temporary restrictions for air traffic have been coordinated with the control tower staff and they are in concurrence with the proposed project. Physical construction of this project is anticipated to last no more than ninety (90) calendar days.

Alternatives

An alternative is to not award this contract for the proposed improvements. This alternative is not recommended because the runway safety improvements would then not be implemented in accordance with Falcon Field Airport's Runway Safety Action Plan. Additionally, FAA and ADOT funding may not be available in the future if this project is deferred.

Fiscal Impact

The total authorized amount recommended for this project is \$1,418,173.23 based on the lowest responsible bid of \$1,289,248.39 plus an additional \$128,924.84 (10%) as a change order allowance. The recently approved FAA grant will fund 91.06% of the total estimated cost with local matching funds required for the remaining 8.94%. Falcon Field has applied to the Arizona Department of Transportation (ADOT) for a matching grant to fund 4.47% and the Airport Enterprise Fund will fund the remaining 4.47%. If an ADOT grant is not received, Falcon Field will fund the entire local match of 8.94%, with funding available from the adopted FY2015-16 Falcon Field Capital Program.

Coordinated With

Falcon Field Airport concurs with this recommendation.

CITY OF MESA
MESA, ARIZONA

MESA-FALCON FIELD AIRPORT (FFZ)

REALIGN AND CONSTRUCT TAXIWAY 'A'
FEDERAL AIP 3-04-0023-025-2015
ADOT GRANT NO. E_F_ _
PROJECT NO. C10439

DAVIS BACON WAGES APPLY

Tabulation of Bids Received Thursday, June 25, 2015, at 1:00 P.M.

ENGINEERS ESTIMATE	\$ 1,533,592.00
1. Combs Construction Co., Inc.	\$ 1,289,248.39
2. Nesbitt Construction Co., Inc.	\$ 1,346,969.50
3. J. Banicki Construction, Inc.	\$ 1,416,336.80
4. Visus Engineering Construction, Inc.	\$ 1,445,000.00
5. Ricor, Inc.	\$ 1,584,787.71