



# City Council Report

AGENDA 59  
ITEM \_\_\_\_\_  
DATE 12-14-09

**Date:** December 14, 2009  
**To:** City Council  
**Through:** Jack Friedline, Deputy City Manager  
**From:** Elizabeth Huning, City Engineer  
**Subject:** Falcon Field Airport  
Vehicle Access Control (Phase 4)  
Project No. 07-038-001  
City Council District No. 5

## Strategic Initiatives



## Purpose and Recommendation

The purpose of this report is to provide information to the Council on the bids received for Project No. 07-038-001, Falcon Field Airport, Vehicle Access Control (Phase 4). (See attached Exhibit "A" for the project location). It is recommended that Council award this project to the low bidder, Norquay Construction, Inc., for a total award amount of \$841,307.36.

## Background

Since 2002, Falcon Field Airport has implemented a series of projects to install new fencing and gates that fully separate the airside (restricted) from the landside (public access) areas throughout the entire 550-acre airport complex. These projects allow Falcon Field to control vehicular and pedestrian access, in accordance with the goals of the Federal Aviation Administration (FAA) to reduce runway incursion incidents at airports. Unrestricted access from the land side has been the source of numerous unintentional incursions over the years. This project will complete the access control program, and result in a total of twelve access-controlled gates at Falcon Field Airport.

## Discussion

This project (Phase 4) will construct approximately 3,680 linear feet of new 8-foot high chain link fence along specific sections of McKellips Road, Falcon Drive, Roadrunner Drive, and Greenfield Road, and four new motorized gates at the following locations (see attached Exhibit "A"):

Higley Ramp Access (Falcon Drive)  
East T-Hangar Entrance (Roadrunner Drive)  
Echo Ramp Access (Mallory Circle)  
Northwest Area Access (Greenfield Road)

Gate No. 7  
Gate Nos. 8 & 9  
Gate No. 11  
Gate No. 12

All motorized gates will be equipped with a card-reader access-control system that is consistent with Municipal Security Standards. The project will also construct new fiber-optic communications infrastructure to connect each gate to the master control panel, located in the Airport Administration Building at 4800 E. Falcon Drive, and to the Municipal Security offices located in downtown Mesa.

### **Community Impact**

Impacts to the general public and Falcon tenants are anticipated to include construction noise, dust, and minor temporary traffic restrictions. Access to the Airport Terminal Building, Control Tower, Falcon Field Park, and all airport businesses will be maintained at all times. Falcon Field staff has worked closely with Airport tenants and businesses to plan for the new security system and to ensure their ingress/egress needs are retained within the newly secured environment. Once work is started, the project is anticipated to be completed in one-hundred fifty (150) calendar days. Following construction, the Airport terminal and Falcon Field Park will remain open and accessible to the public as it is today.

### **Alternatives**

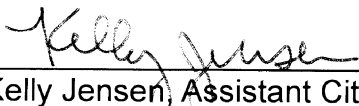
Alternatives to this project would be to not construct these improvements or to defer them to a later date. These alternatives are not recommended because deferring or not constructing the project would result in continued risk of unauthorized incursions onto the airfield.

### **Fiscal Impact**

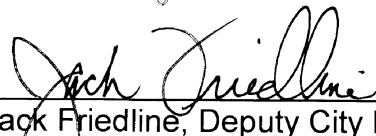
The recommended total award amount for this project is \$841,307.36, based on the low bid of \$764,824.87 plus an additional \$76,482.49 (10% allowance for change orders). Funding is available in adopted FY 2009/10 Falcon Field Airport Capital Program, which includes \$93,000 in FAA grants and \$2,462 in ADOT grants.

### **Coordinated With**

Falcon Field Airport concurs with this recommendation.

  
\_\_\_\_\_  
Kelly Jensen, Assistant City Engineer

  
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Elizabeth Huning, City Engineer

  
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Jack Friedline, Deputy City Manager

CITY OF MESA  
MESA, ARIZONA

FALCON FIELD AIRPORT VEHICLE ACCESS CONTROL (PHASE 4)

**PROJECT NO. 07-038-001**

Tabulation of Bids Received, Thursday, November 19, 2009, at 1:00 P.M.

<b>ENGINEER'S ESTIMATE</b>	<b>\$738,930.00</b>
1. Norquay Construction Inc.	\$764,824.87
2. Sun Eagle Corporation	\$960,417.50
3. J Banicki Construction Inc.	\$1,027,790.00

