



Council Communication

Office of the City Manager

Date

March 08, 2010

Agenda Item No. 33B

Roll Call No. 10-

Communication No. 10-132

Submitted by: Craig Smith, A.A.E., Aviation Director; and Jeb E. Brewer, P.E., City Engineer

AGENDA HEADING:

Approving and authorizing the execution of Federal Aviation Administration (FAA) Airport Improvement Program (AIP) Grant Agreement, Project Number 3-19-0027-54, Airport Access Control (ACS) and Video Surveillance (VSS) Equipment Upgrade.

SYNOPSIS:

Recommend the City Council approve the FAA Grant and authorize the Mayor to execute FAA AIP Grant 54 in a 95% Federal share amount of \$1,022,675, along with City acceptance and ratification of all associated grant assurances, warranties, covenants and agreements contained in the project application for the funding of the Airport ACS and VSS Equipment Upgrade Project.

FISCAL IMPACT:

Amount: \$1,222,330

Funding Source: 2010-2011 CIP, Page Airport-04, Airport ACS Field Equipment Upgrade, AIR132, being \$1,022,675 (95% of the AIP eligible portion) in FAA funds of the project through AIP Grant 54 or any other amount, whether more or slightly less, that FAA may make available; \$186,506 (5% of the AIP eligible portion, plus the Passenger Facility Charge (PFC) eligible work) PFC eligible funds, included in approved PFC decision 08-08-C-02-DSM; and \$13,149 in Airport funds for items that are not AIP or PFC eligible.

ADDITIONAL INFORMATION:

On March 3, 2009, by Resolution No. A09-046, the Airport Board approved the Professional Services Agreement with URS of Denver for design and construction phase services in connection with the Airport ACS and VSS Equipment Upgrade Project. This project will replace the existing hardware and software associated with the original ACS installation in 1992 and VSS in 1994. The existing ACS required under Transportation Security Regulation 49 CFR Part 1542 has exceeded its ten-year service life by seven years and requires regular replacement of costly system components and upgrades to system software to maintain minimum operating levels. Additionally, the existing ACS does not meet Federal security policy, which directs airports to adopt recently developed industry standards for biometric technologies.

The improvements include replacement and upgrade of the automated ACS. The ACS primarily consists of controlled access gates along the perimeter of the Airfield, at doors in the Terminal and other buildings on the Airport campus that are secured by keycard readers. A significant component of the ACS is a VSS consisting of cameras located at or near access control points to monitor the activities at the access control point and to provide video of the area during alarm conditions. This project includes replacement of all

control, monitoring software and hardware, identification badging software and associated hardware, CPUs, field panels, access controls, card readers and video cameras with a combination of biometric and intelligent card media access control technologies, as well as supporting high definition video technologies.

Originally, this project was scheduled to be funded with PFC. In 2009, Airport and Engineering Department staff applied and tried to get this project funded with a stimulus funded AIP grant. When that was not accepted by the FAA, this project was reprogrammed last fall as a 95% AIP grant funded project with the 5% local match being funded by PFC's.

The Engineering Department has assembled the URS consultant prepared plans and technical specifications, along with all of the required City and AIP grant project specifications and form of contract documents and City Engineer's estimate from the consultant for the construction of this Airport ACS and VSS Equipment Upgrade project, Activity ID 04-2010-004.

The estimated construction cost is \$1,538,000, including \$125,000 for three add-alternates for additional years of warranty for the ACS and VSS, and an additional year of O & M support. Bids came in substantially under the estimate and City staff filled out an application for this AIP grant based on the February 23, 2010 bids. At the March 2, 2010 Airport Board meeting, by Resolution A10-045, the Airport Board recommended to award to Security Equipment Inc., subject to FAA concurrence in award, an amount of \$962,587 for the construction contract portion of this grant item. In addition, under resolution A10-048, the Airport Board recommended that Council accept this grant and authorize the Mayor to execute the 95% Federal share AIP grant, including eligible force account Engineering expenses, as approved by FAA staff and further delineated under Fiscal Impact.

This AIP grant is recommended for approval by the Mayor prior to March 17, 2010, to be issued under the current Federal legislation.

PREVIOUS COUNCIL ACTION(S): NONE

BOARD/COMMISSION ACTION(S): AIRPORT BOARD

Date: March 2, 2010

Resolution Number: A10-048

Action: Recommend to City Council Acceptance of FAA Airport Improvement Grant No. 3-19-0027-54 in a Federal share amount of \$1,022,675, or any other amount whether more or slightly less that FAA may make available for the Access Control and Video Surveillance Equipment Upgrade project.

Date: March 2, 2010

Resolution Number: A10-045

Action: Approval of contract and bond, and permission to sublet on Airport Access Control & Video Surveillance Systems (ACS & VSS) Upgrade (subject to FAA concurrence of the award).

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

The Airport Board will approve partial payments and accept the project when all work has been completed.

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