



City of San Antonio

Agenda Memorandum

File Number:

Agenda Item Number: 11

Agenda Date: June 15, 2023

In Control: City Council A Session

DEPARTMENT: Aviation Department

DEPARTMENT HEAD: Jesus H. Saenz Jr.

COUNCIL DISTRICTS IMPACTED: Citywide

SUBJECT:

Submittal for Projects and Acceptance of Funds for the Federal Aviation Administration Airport Infrastructure Grant Program

SUMMARY:

City Council consideration of an ordinance authorizing the submission of grant applications and the acceptance and appropriation of grant funds for Federal Aviation Administration (FAA) Airport Infrastructure Grants (AIG) Program under the Bipartisan Infrastructure Law (BIL) for three projects totaling \$19,058,672 with the FAA's share of \$14,294,004 and the City's share of \$4,764,668.

1. The total grant application amount for the Airfield Lighting Control and Monitoring System project is \$1,724,520 with the City's share of \$574,840. Funding for the City's share is available from Unissued Interim Financing.
2. The total grant application amount for the Runway 4/22 Centerline Lighting Circuit Replacement project is \$379,537 with the City's share of \$126,512. Funding for the City's share is available from Unissued Interim Financing.
3. The total grant application amount for the Terminal A Electrical System Expansion project is \$12,189,947 with the City's share of \$4,063,316. Funding for the City's share is available from the Airport Improvement & Contingency Fund.

The three projects were approved as part of the FY 2023 - FY 2028 Capital Improvement Program with local funding. Upon the grant offers received, this action will amend their budgets to reflect the federal funding, update their project budgets and appropriate funds.

BACKGROUND INFORMATION:

On November 15, 2021, the President signed the Infrastructure Investment and Jobs Act (IIJA), commonly referred to as the Bipartisan Infrastructure Law (BIL), which included FAA Airport Infrastructure Grants (AIG) Program. For the next five years, the AIG program will distribute formula funding based on the statutory Airport Improvement Program primary and cargo entitlement formulas. These amounts will change each fiscal year based on increased passenger and cargo enplanements. The Aviation Department is anticipating the submittal of bids to the FAA in July or August of this year.

Last year, the City was awarded \$8.1 million in AIG grant funding for three projects, FY 2022 Pavement Maintenance Improvement Program, Emergency Road Repairs and W. Apron Taxiway.

ISSUE:

The ordinance authorizes the City to submit grant applications and accept grant offers related to the FAA AIG program for the following projects to support the runway, taxiway and other improvements at the San Antonio International Airport:

Airfield Lighting Control and Monitoring System

The Airfield Lighting Control and Monitoring Systems (ALCMS) allows the airport to effectively control the various airfield lighting systems including runways, approaches, taxiways and apron to enhance airport safety. The current system has reached its end of life and the project will design and install a new system. This year's grant application will reimburse the City for the design and construction costs for this project. The solicitation for construction is scheduled for release in June 2023.

Runway 4/22 Centerline Lighting Circuit Replacement

Two of the Runway 4/22 centerline circuits and transformers are over 30 years old and exceeded their end of life expectancy. This project will remove and replace the circuits and transformers from the east electrical value and safety areas of Runway 4/22. This year's grant application will reimburse the City for design and construction costs. The solicitation for the construction work is scheduled for release in June 2023.

Terminal A Electrical System Expansion

The current electrical system in Terminal A is at its capacity and requires an expansion to support current and additional air service while the new Terminal is being designed and constructed. This project will install new 4,000 amp fuse type switch boards with breaker-type switch boards to allow the expansion of the electrical system for future projects. There is currently no space for any electrical connections to the current switch boards or physical space to add electrical to meet the

National Electrical Code. This year's grant will fund the construction costs associated with the new system. The solicitation is currently advertising.

This action is consistent with the City Council's policy of improving facilities, improving land uses, and enhancing safety at San Antonio International Airport and maximizing utilization of federal funds.

ALTERNATIVES:

City Council could choose to not approve this item. However, participation in the FAA AIG Program will allow the City to use federal funding rather than solely airport funding for projects that will improve infrastructure at the San Antonio International Airport. Additionally, the failure to accept could potentially affect the City's ability to receive future FAA grant funding for additional safety and infrastructure projects.

FISCAL IMPACT:

This ordinance provides for the acceptance and execution of FAA grants and grant amendments, appropriates funds and authorizes execution of all related grant and contract documents for the following projects at the San Antonio International Airport.

The fiscal impact for the three projects totaling \$19,058,672 with the FAA's share of \$14,294,004 and the City's share of \$4,764,668, as detailed below:

1. The total grant application amount for the Airfield Lighting Control and Monitoring System project is \$1,724,520 with the City's share of \$574,840. Funding for the City's share is available from Unissued Interim Financing.
2. The total grant application amount for the Runway 4/22 Centerline Lighting Circuit Replacement project is \$379,537 with the City's share of \$126,512. Funding for the City's share is available from Unissued Interim Financing.
3. The total grant application amount for the Terminal A Electrical System Expansion project is \$12,189,947 with the City's share of \$4,063,316. Funding for the City's share is available from the Airport Improvement & Contingency Fund.

The three projects were approved as part of the FY 2023 - FY 2028 Capital Improvement Program with local funding. Upon the grant offers received, this action will amend their budgets to reflect the federal funding, update their project budgets and appropriate funds.

RECOMMENDATION:

Staff recommends approval of the submittal of grant applications in compliance with the FAA regulations for FAA AIG grants and their acceptance upon offer.