



# City of San Antonio

## Agenda Memorandum

**File Number:**

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**Agenda Item Number:** 10

**Agenda Date:** October 19, 2023

**In Control:** City Council A Session

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**DEPARTMENT:** Aviation Department

**DEPARTMENT HEAD:** Jesus H. Saenz Jr.

**COUNCIL DISTRICTS IMPACTED:** Citywide

**SUBJECT:**

Contract Award for the Airport Lighting Control and Monitoring System and Runway 4/22 Centerline Lighting Circuit Replacement projects at the San Antonio International Airport

**SUMMARY:**

This ordinance accepts the lowest responsive bid and approves a construction contract in the amount of \$3,239,377 for F&W Electrical Contractors, Inc. for the Airport Lighting Control and Monitoring System and Runway 4/22 Centerline Lighting Circuit Replacement projects at the San Antonio International Airport. This action will approve the reallocation of \$92,536 of Interim Airport Financing from the Airport Lighting Control and Monitoring System project to the Runway 4/22 Centerline Lighting Circuit Replacement project. Funding for this contract is available from Interim Airport Financing and Federal Aviation Administration Airport Infrastructure Grant funds and included in the FY 2024 - FY 2029 Capital Improvement Program.

**BACKGROUND INFORMATION:**

On November 15, 2021, the President signed the Infrastructure Investment and Jobs Act, commonly referred to as the Bipartisan Infrastructure Law (BIL), which included FAA Airport Infrastructure Grants (AIG) Program. Through 2026, 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.

On June 15, 2023, City Council approved the submittal and acceptance of AIG grant application funds for the Airfield Lighting Control and Monitoring System project and the Runway 4/22 Centerline Lighting Circuit Replacement project at the San Antonio International Airport.

### **Airfield Lighting Control and Monitoring System**

The Airfield Lighting Control and Monitoring Systems 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 in its entirety, including new control interface units and the fiber optic communications link between the West Vault and the Air Traffic Control Tower. This project will be phased to minimize operational disruptions to both the FAA Air Traffic Control Tower and Aviation Department Operations and Maintenance Divisions.

### **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 project will reuse existing conduit and manhole infrastructure.

### **Procurement of Services**

For economies of scale and to minimize operating impacts to the airfield, the projects were solicited under one contract and with two additive alternates. The first was to replace the Runway 4/22 Centerline Lighting Fixtures and the second was to perform photometric acceptance testing.

The solicitation was advertised on June 28, 2023 for construction bids in the San Antonio Hart Beat, the City's website, the Texas Electronic State Business Daily, on TVSA, and through the electronic bidding website CivCast. Bids were opened on July 28, 2023, and one bid was received. F&W Electrical Contractors, Inc. submitted the lowest responsive bid. This action accepts both additive alternate bids. A summary of the bid outcome is included herein.

Due to the utilization of federal dollars, the Disadvantaged Business Enterprise (DBE) Program requirements of U.S. Department of Transportation were utilized in place of the Small Business Economic Development Advocacy Program. The DBE goal for this project is 8.34% which F&W Electrical Contractors, Inc. has committed to exceed.

### **ISSUE:**

This ordinance accepts the lowest responsive bid and approves a construction contract in the amount of \$3,239,377 for F&W Electrical Contractors, Inc. for the Airport Lighting Control and Monitoring System and Runway 4/22 Centerline Lighting Circuit Replacement projects at the San Antonio International Airport. This action will approve the reallocation of \$92,536 of Interim Airport Financing from the Airport Lighting Control and Monitoring System project to the Runway 4/22 Centerline Lighting Circuit Replacement project. Funding for this contract is

available from Interim Airport Financing and Federal Aviation Administration Airport Infrastructure Grant funds and included in the FY 2024 - FY 2029 Capital Improvement Program.

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

**ALTERNATIVES:**

City Council could elect to not approve this construction contract which would require the City to issue another solicitation for the projects resulting in potentially higher bids and potentially delay in completion of the projects.

**FISCAL IMPACT:**

This ordinance accepts the lowest responsive bid and approves a construction contract in the amount of \$3,239,377 for F&W Electrical Contractors, Inc. for the Airport Lighting Control and Monitoring System and Runway 4/22 Centerline Lighting Circuit Replacement projects at the San Antonio International Airport. This action will approve the reallocation of \$92,536 of Interim Airport Financing from the Airport Lighting Control and Monitoring System project to the Runway 4/22 Centerline Lighting Circuit Replacement project. Funding for this contract is available from Interim Airport Financing and Federal Aviation Administration Airport Infrastructure Grant funds and included in the FY 2024 - FY 2029 Capital Improvement Program.

**RECOMMENDATION:**

Staff recommends the acceptance of the lowest bid and approving of the construction contract to F&W Electrical Contractors, Inc in the amount of \$3,239,377 for the Airport Lighting Control and Monitoring System and Runway 4/22 Centerline Lighting Circuit Replacement projects at the San Antonio International Airport.