



AGENDA MEMORANDUM

Action Item for the City Council Meeting of August 10, 2021

DATE: August 10, 2021

TO: Peter Zaroni, City Manager

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Construction Contract Award
CCIA IMPROVE TERMINAL BUILDING – PASSENGER BOARDING BRIDGES

CAPTION:

Motion awarding a construction contract to JBT Aero Tech Corporation of Ogden, Utah for the Corpus Christi International Airport Improve Terminal Building – Passenger Boarding Bridges Project, in an amount of \$4,422,288.50 with FY 2021 funding available from the Airport CIP Grants Fund.

SUMMARY:

This item awards a construction contract for the Corpus Christi International Airport (CCIA) Improve Terminal Building – Passenger Boarding Bridges project. The project scope consists of removal and replacement of passenger boarding bridges (PBB) at Gates 2, 3, and 5 of the Terminal Building. Associated work includes, removal of existing pavement markings, pavement cleaning, and application of new pavement markings gate lead-in lines, safety envelopes, and PBB operational envelope with stow position, and vehicle service road. There are three additive alternates included with the project that, if awarded, will include removal and replacement of passenger boarding bridges at Gates 1 and 6 and installation of stationary water cabinets for Gates 1, 3, 5, and 6.

BACKGROUND AND PURPOSE:

The CCIA is owned, operated, and maintained by the City of Corpus Christi and located in Nueces County, Texas. CCIA enplanes more than 360,000 passengers annually and experiences over 100,000 annual aircraft operations each year. In March 2021, 78% of pre-Covid traffic was back.

This is a strong indication that airport operations are returning to normal traffic levels this year.

The existing passenger boarding bridges are more than 20 years old and have exceeded their service life. They no longer meet the manufacturers' technical advisories and need replacing. Traffic at CCIA is picking up as we continue a recovery from the pandemic. Therefore, the passenger boarding bridges must be replaced to ensure passenger safety during on-boarding activities. The scope of work outlined below utilizes the existing foundations which eliminates the need for structural design. This project will improve the customer experience, operational efficiency, and is necessary to maintain our contractual obligations to the airlines that serve CCIA.

This project will be funded 100% by the Federal Aviation Administration (FAA) Coronavirus Aid, Relief, and Economic Security (CARES) Act for economic relief to eligible U.S. airports affected by the prevention of, preparation for, and response to the COVID-19 pandemic.

PROJECT SCOPE:

The base bid of this project includes the removal and replacement of passenger boarding bridges (PBB) at Gates 2, 3, and 5 of the Terminal Building with all associated work, removal of existing pavement markings, pavement cleaning, and application of new pavement markings (gate lead-in lines, safety envelopes, and PBB operational envelope with stow position, and vehicle service road). There are three additive alternates included with the project that, if awarded, will include removal and replacement of passenger boarding bridges at Gates 1 and 6 and installation of stationary water cabinets for Gates 1, 3, 5, and 6.

Base Bid Summary:

- Removal and replacement of PBB equipment at Gates 2, 3, and 5 with all associated work
- Removal and replacement of existing Pre-Conditioned Air (PCA) units that will include a single point to service the air conditioning of the passenger boarding bridge and aircraft. The new PCA units will replace the existing rooftop air conditioning units
- Removal and replacement of existing Ground Power Unit (GPU) that at Gates 2, 3, and 5
- Removal of existing pavement markings, cleaning of pavement surface, and installation of new pavement markings (including gate lead-in lines, gate safety envelopes, and PBB operational area with stow position) at Gates 2, 3, and 5
- Removal of existing pavement markings, cleaning pavement surface, and installation of new pavement markings for the vehicle service road

Additive Alternate Summary:

- Additive Alternate I will add replacement of PBB, PCA, GPU and pavement markings at Gate 1
- Additive Alternate II will add replacement of PBB, PCA, GPU and pavement markings at Gate 6
- Additive Alternate III will replace portable potable water carts with stationary potable water cabinets, including installation of steel safety bollards at the corners of potable water cabinets

PROJECT TIMELINE:

2021 - 2022
August 2021 – August 2022
Construction

Project schedule reflects City Council award in August 2021 with anticipated completion in 365 days by August 2022.

COMPETITIVE SOLICITATION PROCESS

The Contracts and Procurement Department issued a Request for Bids on April 14, 2021. The City received bids from three bidders. The City analyzed the bids in accordance with the contract documents on and determined JBT Aero Tech Corporation is the lowest responsive and responsible bidder.

CONTRACTOR	BASE BID	ALT 1	ALT 2	ALT 3	Total
JBT AeroTech Corporation	\$2,682,040.50	\$783,040.00	\$791,863.00	\$165,345.00	\$4,422,288.50
AERO BridgeWorks	\$2,702,358.00	\$873,778.00	\$919,387.00	\$189,884.00	\$4,685,407.00
TK Airport Solutions, Inc.	\$2,957,156.00	\$819,678.00	\$819,678.00	\$127,617.96	\$4,724,129.96
<i>Engineer's Opinion of Probable Construction Cost</i>	<i>\$3,072,500.00</i>	<i>\$856,000.00</i>	<i>\$857,000.00</i>	<i>\$104,800.00</i>	<i>\$4,890,300.00</i>

JBT Aero Tech Corporation has not previously completed projects for the City of Corpus Christi. JBT Aero Tech Corporation has extensive experience working on passenger boarding bridges projects for numerous large airports such as for the Atlanta Hartsfield-Jackson International Airport, Denver International Airport, Orlando International Airport, Nashville International Airport, Louis Armstrong New Orleans International Airport, and others.

ALTERNATIVES:

City Council could reject the bids and provide direction to re-advertise; however, that is not likely to produce a lower bid. The City can redesign the project to reduce the total cost. Either of those options will delay the CCIA Improve Terminal Building – Passenger Boarding Bridges Project.

FISCAL IMPACT:

The fiscal impact in FY 2021 is an amount of \$4,422,288.50 with funding available from the Airport CIP Grants Fund. The FY 2020-2021 shows \$350,000.00 for the FY 2020 and \$5,000,000.00 for the FY 2021. The grant funds are appropriated and available for the project implementation.

FUNDING DETAIL:

Fund: Airport Capital Improvement Program Grants Fund (Fund 3020)
 Organization/Activity: 202701593020C
 Mission Element: Airport Development (274)
 Project: CCIA Improve Terminal Building (20270)
 Account: Construction (550910)
 Amount: \$4,422,288.50

RECOMMENDATION:

Staff recommends awarding a construction contract for CCIA Improve Terminal Building – Passenger Boarding Bridges to JBT Aero Tech Corporation in an amount of \$4,422,288.50 for the total base bid and additive alternates I, II, and III with JBT AeroTech Corporation. The construction is planned for one year from issuance of the Notice to Proceed to begin construction in August 2021 with completion in August 2022.

LIST OF SUPPORTING DOCUMENTS:

Location and Vicinity Map
Bid Tab
CIP Page