



AGENDA MEMORANDUM

First Reading Item for the City Council Meeting of October 20, 2020
Action Item for the City Council Meeting of October 27, 2020

DATE: September 22, 2020

TO: Peter Zanoni, City Manager

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Grant Acceptance and Construction Contract Award
Corpus Christi International Airport Rehabilitate Terminal Apron Phase IV and East
General Aviation Apron Phase V

CAPTION:

Ordinance accepting and appropriating Airport Grant # 60 from the United States Department of Transportation-Federal Aviation Administration in an amount of \$8,846,317.00 for the Corpus Christi International Airport, Terminal Apron Phase IV and East General Aviation Apron Phase V projects redevelopment and awarding a construction contract in an amount of \$11,201,609.96 to Head, Inc. of Columbus, Ohio, with funding available from the Airport Capital Improvement Program Grants Fund.

SUMMARY:

This ordinance authorizes acceptance of Airport Grant # 60 from the United States Department of Transportation-Federal Aviation Administration (FAA) and awards a construction contract with Head Inc., to provide construction services for the Corpus Christi International Airport (CCIA) Terminal Apron Phase IV, East General Aviation (GA) Apron Phase V, Gate 9G Driveway reconstruction, West GA Apron and West Perimeter Road rehabilitation with concrete pavement. These services are necessary to rehabilitate the aprons located at the CCIA. The Grant will not require a ten percent City match due to the Coronavirus Aid, Relief, and Economic Security Act (CARES Act 2020). Additional funds required to complete the project are available from Airport Grant # 57 and 58 which are previous phases of the terminal apron rehabilitation project. This contract represents the fifth and final year of a five-year program to rehabilitate the CCIA Aprons.

BACKGROUND AND FINDINGS:

CCIA is owned, operated, and maintained by the City of Corpus Christi. CCIA serves more than 360,000 passengers annually and over 100,000 aircraft operations each year.

The Terminal Apron, East and West General Aviation Aprons are areas of the airport where aircrafts are parked, cargo is loaded and unloaded, aircrafts are refueled, and passengers boarded. The Terminal Apron services commercial passenger airlines that access the main terminal and the East and West GA Aprons is essential for maintaining service to general aviation aircraft and supports private terminals and hangars on the east and west side of the airport. The total pavement area of the two aprons is approximately 161,000 square yards (SY) with approximately 102,000 SY for the Terminal Apron, 59,000 SY for the East GA Apron and 350 SY for the West GA Apron.

The existing pavement is over 20 years old and has a combination of Portland Cement Concrete (PCC) and Hot-Mix-Asphalt-Concrete (HMAC). It is experiencing severe distress with cracking, rutting and concrete spalling. This deterioration creates a high potential for generating "foreign object debris" (FOD). FOD can cause damage to the aircraft when FOD enters engines or gets propelled at high velocities by aircraft engine exhaust or propeller speed. The pavement cracking allows water penetration into the base and subgrade, accelerating structural degradation of pavement. The existing pavement was not originally designed for the current heavier aircraft and equipment loads.

On September 3, 2020 CCIA received Airport Grant # 60 in an amount of \$8,846,317 from the United States Department of Transportation-FAA. The Grant is to rehabilitate CCIA Terminal Apron Phase IV, East GA Apron Phase V, Gate 9G Driveway reconstruction, West Perimeter Road Rehabilitation with asphalt pavement, West GA Apron and West Perimeter Road rehabilitation with concrete pavement. The Grant does not require ten percent City participation which is usually required by FAA grant. The ten percent match for the project is provided by the Coronavirus Aid, Relief, and Economic Security Act (CARES Act). Design and construction are being completed in a phased approach with the majority of required funding provided through the FAA grant program. This contract represents the fifth and final year of a five-year program to rehabilitate CCIA Aprons and future phases are contingent on FAA Funding. The rehabilitation work must be completed within four years from the acceptance of the grant.

PROJECT TIMELINE:

2020							2021								
J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
BID/AWARD				CONSTRUCTION											

Projected Schedule reflects City Council award in October 2020 with anticipated completion in September 2021.

COMPETITIVE SOLICITATION PROCESS:

On June 24, 2020, the City received two bids however, only one was a responsive and responsible bidder, as summarized below:

BID SUMMARY

	Head Inc.	Burnside Services, Inc.
Base Bid	\$9,685,962.91	
Additive Alternate #1	\$1,335,950.50	
Additive Alternate #2	\$179,696.55	
Additive Alternate #3 (not accepted)	-\$404,492.00	
Total	\$11,201,609.96	Non-Responsive
*Engineer's Estimate	\$10,886,000.00	

*Engineer's estimate includes Base Bid plus all additive alternates.

BID EVALUATIONS:

The City analyzed the bids in accordance with the contract documents and determined that Head Inc., of Columbus, Ohio, was the lowest responsive and responsible bidder. Head Inc., of Columbus, Ohio has been in business since 1927 and specializes in airfield concrete paving for municipality projects. Head Inc. has previously completed CCIA Rehabilitate Terminal Apron Phase III and East GA Apron Phase IV project.

ALTERNATIVES:

The alternative is not to award the construction contract to the lowest bidder, Head Inc. of Columbus, Ohio. This alternative would delay the project and impede on Council's goals to complete it in a timely manner and within budget.

FISCAL IMPACT:

The fiscal impact in FY 2021 is an amount of \$11,201,609.96 with funding available through acceptance and appropriation of Airport Grant #60 to the capital fund, with the remaining funding in an amount of \$2,355,292.96 available from the fund balance of the Airport Capital Improvement Program Grants Fund from savings from Airport Grant #57 and #58.

FUNDING DETAIL:

Fund: Airport Capital Improvement Program Grants Fund (Fund 3020)
Mission Element: Airport Development (ME #274)
Projects: CCIA Rehabilitate Terminal Apron Phase IV (Project #20260A as seen in the FY2021 Capital Book under project # E15223)
CCIA Rehabilitate East GA Apron Phase V (Project #20261A as seen in the FY2021 Capital Book under project # E12156)
Account: Construction (550910)
Amount: #20260-A: \$ 3,604,531.56
#20261-A: \$ 7,597,078.40

RECOMMENDATION:

Staff recommends awarding the construction contract for the CCIA Rehabilitate Terminal Apron Phase IV and East General Aviation Apron Phase V projects, in the amount of \$11,201,609.96 for the total base bid and additive alternates 1 and 2 with Head, Inc. of Columbus Ohio, based on the acceptance and appropriation of the grant. The construction duration is planned for 11 months from issuance of the Notice to Proceed to begin construction in October 2020 with completion in

September 2021.

LIST OF SUPPORTING DOCUMENTS:

Ordinance
Bid Tab
Construction Contract
Location Maps
Grant Acceptance