



AGENDA MEMORANDUM

Future Item for the City Council Meeting of February 21, 2017
Action Item for the City Council Meeting of February 28, 2017

DATE: February 17, 2017

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Construction Contract
Corpus Christi International Airport (CCIA)
Taxiway "K" (Kilo) Extension

CAPTION:

Motion authorizing the City Manager, or designee, to execute a construction contract with SpawGlass Civil Construction, Inc. of Houston, Texas in the amount of \$2,203,523.71 for the Corpus Christi International Airport (CCIA) Taxiway "K" (Kilo) Extension for Base Bid I (Concrete Option).

PURPOSE:

The purpose of this Agenda Item is to obtain authority to execute a construction contract with SpawGlass Civil Construction, Inc. of Houston, Texas to extend Taxiway "K" (Kilo) Construction for the support of United States Coast Guard operations relocation to CCIA from Naval Air Station Corpus Christi.

BACKGROUND AND FINDINGS:

This is a joint Federal Aviation Administration (FAA)/City project with a respective 90/10 percent construction cost sharing. This project provides construction services to install approximately 7,150 SY of new pavement in order to expand and extend Taxiway K at Corpus Christi International Airport (CCIA) with associated drainage, electrical, lighting and signage improvements.

The Taxiway Kilo construction is on a critical timeline to support the new United States Coast Guard (USCG) operations relocating from Naval Air Station Corpus Christi to CCIA due to space constraints.

USCG operations include various fixed and rotary wing aircraft with occasional C-130's. USGS is currently constructing a new USGS hangar that is scheduled for completion in August 2017. Taxiway K provides the only airfield access and must be in place to meet the USGS mission at CCIA.

Historically, CCIA projects receive limited bidding competition due to the more restrictive operational and security requirements. To increase competition, the FAA and City staff agreed to develop the project with two base bids for a Portland Cement Concrete (PCC) taxiway and a Hot-Mix-Asphalt-Concrete (HMAC) taxiway as follows:

Base Bid I. PCC is classified as a rigid pavement. The existing taxiway is constructed using Asphalt (flexible pavement) that services smaller and lighter aircraft. The new hangar and parking apron are PCC to support the various aircraft types and heavy loads. The USGS has critical missions during all weather and storm events that may result in flooding and saturated soils. HMAC pavement is more subject to rutting and shoving failures with heavy loads during wet weather that result in soil saturation. Therefore, it is recommended that PCC be awarded to support the mission the USGS during adverse weather or flooded conditions.

Base Bid II. HMAC is classified as a flexible pavement that matches the existing taxiways. The use of the HMAC bid is primarily to increase contractor competition. HMAC Base Bid is not recommended for award on this project.

On February 1, 2017, the City received proposals from three (3) bidders. Two bidders were deemed responsive, and those two responsive bidders provided a total of (3) base bids. The bidders are as follows:

Contractor	Base Bid I Concrete Option	Base Bid II Asphalt Option
SpawGlass Civil Construction	\$2,203,523.71	No Bid
Bay, Ltd	\$2,681,217.35	\$2,244,146.55
Engineer's Estimate *	\$1,893,000	\$1,887,000

* The accelerated schedule to meet the USGS timeline resulting in higher bids.

The FAA and Staff recommend the award of Base Bid I Concrete option to match the new concrete parking apron and support the performance criteria for the USGS mission. The City's Design Engineer, Garver USA, evaluated the 3 bids and determined Spawglass was the lowest responsive and responsible bidder.

ALTERNATIVES:

1. Authorize execution of the construction contract. (Recommended)
2. Do not authorize execution of the construction contract. (Not Recommended)

OTHER CONSIDERATIONS:

Garver, LLC. was selected for this project under RFQ 2015-09.

CONFORMITY TO CITY POLICY:

Conforms to statutes regarding construction procurement criteria; §2, Article 10 of the City Charter regarding contracts; FY 2016-2017 Airport Capital Improvement Planning (CIP) Budget.

EMERGENCY / NON-EMERGENCY:

Not applicable

DEPARTMENTAL CLEARANCES:

Aviation

FINANCIAL IMPACT:

Operating Revenue Capital Not applicable

Fiscal Year 2016-2017	Project to Date Expenditures (CIP only)	Current Year	Future Years	TOTALS
CIP Budget	166,400	1,964,458.83	897,217.25	3,028,076.08
Encumbered / Expended Amount	166,400			166,400.00
This item		1,526,658.83	897,217.25	2,423,876.08
Future Anticipated Expenditures This Project		437,800.00	0.00	437,800.00
BALANCE	0.00	0.00	0.00	0.00

Fund(s): Airport Fund Reserves and FAA Grant

NOTES:

This project is being funded by:

- City and FAA construction reserves from CCIA project Runway 13-31 Extension and Displacement and connecting taxiway,
- Texas Military Preparedness Loan to support US Coast Guard assets, and
- A future FAA Entitlement Grant

It is anticipated the City will receive the future grant towards the end of this calendar year. To ensure the project will be completed in the unlikely event the grant is not received, CCIA unreserved fund balance will be used to support the completion of the project if required.

RECOMMENDATION:

City staff recommends that a construction contract be executed with Spawglass of Houston, Texas in the amount of \$2,203,523.71 for the Base Bid I (Concrete Option).

LIST OF SUPPORTING DOCUMENTS:

- Project Budget
- Location Map
- Presentation
- Letter of Recommendation
- Form 1295