



## AGENDA MEMORANDUM

Future Item for the City Council Meeting of August 28, 2018  
Action Item for the City Council Meeting of September 11, 2018

**DATE:** August 21, 2018

**TO:** Keith Selman, Interim City Manager

**THRU:** Mark Van Vleck, Assistant City Manager  
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**Contribution-In-Aid-of-Construction (CIAC) Agreement & Construction Contract**  
**Rodd Field Road Expansion**  
**(Bond 2014, Proposition 2)**

### **CAPTION:**

Motion to authorize execution of a construction contract with Haas-Anderson Construction of Corpus Christi, Texas in the amount of \$15,236,240.05 for Base Bid No. 1 plus Additive Alternate No. 1, and execute a Contribution-In-Aid-of-Construction (CIAC) Agreement with AEP for street lighting (illumination) in the amount of \$207,369.75 for the Rodd Field Road Improvements from Yorktown Blvd to Saratoga Blvd project.

### **PURPOSE:**

This project reconstructs Rodd Field Road from Yorktown Blvd to Saratoga Blvd and widens the existing 2-lane roadway to a 4-lane roadway with center grass median and turning lanes. The project includes construction of a new Yorktown T-intersection, and new lighting (illumination) within the project limits.

### **BACKGROUND AND FINDINGS:**

Rodd Field Road is currently a 2-lane rural road with roadside ditches, no sidewalks and inadequate illumination. The existing concrete pavement is in poor condition and beyond economic maintenance and repair. This section of Rodd Field is identified in the MPO bike mobility plan to receive separated

sidewalks and cycle tracks. The project scope for the Rodd Field Road Bond 2014 Proposition 2 Project did not include complete lighting (illumination) upgrades or the construction of a new “T-configuration” for the Rodd Field / Yorktown Intersection. In July 2016, City Council approved the sale of Certificates of Obligation to fund both the illumination improvements and the intersection reconfiguration.

**CONTRIBUTION-IN-AID-OF-CONSTRUCTION (CIAC) AGREEMENT:** with AEP provides for the installation of 62 concrete street light poles with fixtures, underground wire, and connections within the project limits.

The project provides for construction of a new 4-lane roadway with T-configured Yorktown intersection, new grassy median, turn lanes, curb & gutter, sidewalks, ADA ramps, cycle tracks, signage, pavement markings, illumination, and miscellaneous landscaping. Traffic signal improvements include upgrades to the existing Airline intersection signals and new traffic signals with poles, mast arms and equipment for the Yorktown Blvd intersection and the Brooke Road (additive alternate) intersection. Utility improvements include new underground storm water, water, wastewater and gas improvements.

The project was developed with two Base Bids; Part 1 includes Hot-Mix-Asphalt-Concrete (HMAC) pavement and Part 2 includes Portland Cement Concrete (PCC) pavement. Both Base Bids include the following scope plus Additive Alternate No. 1, with respective pavement types:

**BASE BID:**

This Project includes the reconstruction of approximately 7,500 LF of Rodd Field Road from Saratoga Blvd Boulevard to Yorktown Blvd Boulevard and 1,700 LF of Yorktown Blvd Boulevard from Bay Drive to Geiger Drive with new HMAC (Base Bid 1) or PCC (Base Bid 2) pavement and new curb, median, concrete sidewalk, and cycle track. Also included are improvements and upgrades to the Storm Water, Water, Wastewater, Gas, and Lighting infrastructure, and Traffic Signals. Bidders submitted bids on either Base Bid 1 or Base Bid 2 or both.

**ALTERNATE 1:**

Additive Alternate No. 1 includes an allowance for a new Traffic Signal and associated intersection improvements at the Brooke Road and Rodd Field Road intersection. The allowance is based on the estimated cost for improvements with the detailed design and construction negotiations post-award, if approved. No additional Contract time will be allotted for Additive Alternate No. 1.

On July 25, 2018 the City received proposals from six (6) bidders. Per Engineering Services protocol (see attached memo), an award recommendation for PCC pavement is made if PCC cost does not exceed \$100,000 per lane-mile of the HMAC per lane-mile cost. This project includes approximately 5.76 lane-miles and therefore PCC shall not be more than \$576,000 higher than HMAC pavement in order to be recommend for award. The cost of the HMAC low bid is \$2,353,401 below the PCC lowest bid, therefore staff recommends the award of Base Bid 1 with HMAC Pavement plus Additive Alternate No. 1 for the Brooks Road intersection improvements.

A summary of the bids is provided in the following tables:

<b>BASE BID 1 SUMMARY (HMAC)</b>			
CONTRACTOR	BASE BID 1	ADD. ALT. 1	TOTAL BID
<b>Haas-Anderson Construction, Ltd., Corpus Christi, TX</b>	<b>\$14,896,240.05</b>	<b>\$340,000.00</b>	<b>\$15,236,240.05</b>
Berry Contracting, LP dba Bay Ltd. Corpus Christi, TX	\$15,462,866.55	\$340,000.00	\$15,802,866.55
J. Carroll Weaver, Inc. Sinton, TX	\$15,491,381.58	\$340,000.00	\$15,831,381.58
CPC Interests, LLC dba Clark Pipeline Services Corpus Christi, TX	\$16,984,197.36	\$340,000.00	\$17,324,197.36
JE Construction Services, LLC Corpus Christi, TX	\$23,108,395.39	\$340,000.00	\$23,448,395.39
Reytec Construction Resources, Inc. Houston, TX	No bid	No Bid	No bid
<i>Engineer's Opinion of Probable Cost</i>	<i>\$16,268,274.93</i>	<i>\$340,000.00</i>	<i>\$16,608,274.93</i>

<b>BASE BID 2 SUMMARY (PCC)</b>			
CONTRACTOR	BASE BID 2	ADD. ALT. 1	TOTAL BID
Berry Contracting, LP dba Bay Ltd. Corpus Christi, TX	\$17,249,641.30	\$340,000.00	\$17,589,641.30
Reytec Construction Resources, Inc. Houston, TX	\$18,704,053.19	\$340,000.00	\$19,044,053.19
JE Construction Services, LLC Corpus Christi, TX	\$24,335,426.59	\$340,000.00	\$24,675,426.59
CPC Interests, LLC dba Clark Pipeline Services Corpus Christi, TX	No bid	No bid	No bid
J. Carroll Weaver, Inc. Sinton, TX	No bid	No bid	No bid
Haas-Anderson Construction, Ltd. Corpus Christi, TX	No bid	No bid	No bid
<i>Engineer's Opinion of Probable Cost</i>	<i>\$20,338,336.68</i>	<i>\$340,000.00</i>	<i>\$20,678,336.68</i>

<b>SUMMARY TABLE</b>		
CONTRACTOR	BASE BID 1 + ADD. ALT 1	BASE BID 2 + ADD. ALT 1
<b>Haas-Anderson Construction, Ltd. Corpus Christi, TX</b>	<b>\$15,236,240.05</b>	No bid
Berry Contracting, LP dba Bay Ltd., Corpus Christi, TX	\$15,802,866.55	\$17,589,641.30
J. Carroll Weaver, Inc. Sinton, TX	\$15,831,381.58	No bid
CPC Interests, LLC, Corpus Christi, TX	\$17,324,197.36	No bid
JE Construction Services, LLC Corpus Christi, TX	\$23,448,395.39	\$24,675,426.59
Reytec Construction Resources, Inc. Houston, TX	No bid	\$19,044,053.19
<i>Engineer's Opinion of Probable Cost</i>	<i>\$16,608,274.93</i>	<i>\$20,678,336.68</i>

**ALTERNATIVES:**

- 1. Authorize execution of CIAC and construction contract. (Recommended)
- 2. Do not authorize execution of CIAC and construction contract. (Not Recommended)

**OTHER CONSIDERATIONS:**

LJA Engineering, Inc. is the design engineer that was selected for this project under Request for Qualifications No. 2014-08.

**CONFORMITY TO CITY POLICY:**

Complies with statutory requirements for construction contract procurement. Conforms to FY 2017 Capital Improvement Planning (CIP) Budget.

**EMERGENCY / NON-EMERGENCY:**

Non-Emergency

**DEPARTMENTAL CLEARANCES:**

Street Department

**FINANCIAL IMPACT:**

Operating       Revenue       **X Capital**       Not applicable

<b>Fiscal Year 2017-2018</b>	<b>Project to Date Expenditures (CIP only)</b>	<b>Current Year</b>	<b>Future Years</b>	<b>TOTALS</b>
Budget	\$1,368,309.00	\$18,578,388.04		\$19,946,697.04
Encumbered / Expended Amount	1,368,309.00			1,368,309.00
<b>This item</b>		<b>15,236,240.05</b>		<b>15,236,240.05</b>
<b>This item</b>		<b>207,369.75</b>		<b>207,369.75</b>
Future Anticipated Expenditures This Project		2,993,394.90		2,993,394.90
<b>BALANCE</b>	0.00	<b>\$141,383.34</b>		<b>\$141,383.34</b>

Fund(s): Street Bond 2014, Street Bond 2016 CO, and Utilities

**RECOMMENDATION:**

Staff and LJA Engineering, Inc. recommend awarding the construction contract to Haas-Anderson Construction and executing the CIAC with AEP.

**LIST OF SUPPORTING DOCUMENTS:**

- Project Budget
- Location Map
- Presentation
- Letter of Recommendation
- Contribution-In-Aid-of-Construction Agreement
- Engineering Services Memo – Pavement Recommendations dated June 2, 2017