



AGENDA MEMORANDUM

Future Item for the City Council Meeting of September 19, 2017

Action Item for the City Council Meeting of September 26, 2017

DATE: August 21, 2017

TO: Margie C. Rose, City Manager

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Construction Contract
Staples Street from Alameda Drive to Morgan Avenue
Bond 2014 Proposition 1

CAPTION:

Motion authorizing the City Manager, or designee, to execute a construction contract with MAX Underground Construction, LLC of Corpus Christi, Texas in the amount of \$3,844,135.12 for Staples Street from Alameda Drive to Morgan Avenue for a total Base Bid 2 (flexible pavement). (Bond 2014 Proposition 1)

PURPOSE:

The purpose of this Agenda Item is to obtain authority to execute a construction contract for the Staples Street from Alameda Drive to Morgan Avenue Project.

BACKGROUND AND FINDINGS:

Bond 2014 Brochure description: “Staples Street from Alameda Drive to Morgan Avenue – This project includes full-depth repair of the existing undivided four lane roadway. Although this roadway is designated as a A-1 Minor Arterial in the Urban Transportation Plan (four travel lanes with continuous center turn lane), consideration is being given to design the roadway as modified C-3 Primary Collector (four travel lanes) due to existing right-of-way constructions and traffic conditions. Other improvements include curb and gutter, sidewalks, ADA curb ramps, and pavement markings.”

Project Scope:

This project connects the last 2,000 linear feet of Staples Street (Bond 2012) to the 6-points intersection segment at Alameda Street, using the available 80' right of way as a C3 collector. On-

street parking is preserved with four-lanes of traffic, having no width for a continuous center turn lane. From Public Meeting feedback, local businesses expressed their preference for the 4-lane option, as opposed to a 3-lane option with center turn-lane, with subsequent city council approval.

Proposed work consists of full-depth reconstruction and underground utilities with no bike lanes, from lip to lip of existing curb and gutter. Recently reconstructed existing sidewalk and curb and gutter will remain. New underground storm water, water, wastewater, and IT will be provided. The new storm water system will be installed beneath the northbound lane, with inlets and laterals placed at existing street-profile low points. Additional minor improvements include pavement markings, gas connections, RTA bus pad, signage, and ADA accessibility.

The project was advertised with alternate base bids for both Hot-Mix-Asphalt-Concrete (HMAC) and Portland Cement Concrete (PCC). The Engineering Services policy on making award recommendations when projects are bid with both HMAC and PCC pavements is to recommend PCC if it is within \$100,000/lane-mile of the HMAC bid. The total paved area on this project is equivalent to 1.85 lane-miles so the recommendation would be to award the PCC alternative if the PCC bid differential were within \$185,000 of the HMAC bid. The low PCC bid was \$865,235 higher than the low HMAC bid. Since the bid differential exceeds the additional amount of \$185,000 that lifecycle cost analysis would justify paying for PCC, Engineering is recommending the award of Base Bid 2 for HMAC pavement.

Morgan Avenue is under current design from Ocean to Crosstown Expressway, and will capture the intersection with Staples Street in the construction sequence, to be deferred until work on Ocean Drive and Christus Spohn Hospital is completed. The 6-points intersection project will be bid as a stand-alone project after the other project work in the area is nearing substantial completion.

The project was developed with two base bids on August 8, 2017, and the City received proposals from four (4) bidders and the bids are as follows:

Contractor	Base Bid 1 PCC	Base Bid 2 HMAC
MAX Underground Construction, LLC Corpus Christi, Texas	No Bid	\$3,844,135.12
Berry Contracting, LLC dba Bay, Ltd. Corpus Christi, Texas	No Bid	\$4,175,836.23
Jhabores Construction Co., Inc. Corpus Christi, Texas	\$4,709,370.60	\$4,526,249.01
Reytec Construction Resources, Inc. Houston, Texas	\$5,167,453.00	No Bid
<i>Engineer's Opinion of Probable Cost</i>	<i>\$5,443,048.55</i>	<i>\$4,315,289.75</i>

ALTERNATIVES:

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

OTHER CONSIDERATIONS:

HDR Engineering, Inc., is the design engineer that was selected for this project under RFQ 2013-01.

CONFORMITY TO CITY POLICY:

Complies with statutory requirements for construction contracts. Conforms to FY 2016-2017 Street

Capital Improvement Planning (CIP) Budget.

EMERGENCY / NON-EMERGENCY:

Not applicable

DEPARTMENTAL CLEARANCES:

Street Department

FINANCIAL IMPACT:

☐ Operating ☐ Revenue ☒ Capital ☐ Not applicable

Fiscal Year 2016-2017	Project to Date Budget and Expenditures	Current Year	Future Years	TOTALS
Budget	\$607,470	\$5,073,630.00		\$5,681,100.00
Encumbered / Expended Amount	607,470	0.00		607,470.00
This item		3,844,135.12		3,844,135.12
Future Anticipated Expenditures This Project		815,677.51		815,677.51
BALANCE	\$0	\$413,817.37		\$413,817.37

Fund(s): Street and Utility CIP

Comments: N/A

RECOMMENDATION:

City staff and HDR Engineering, Inc., recommend the construction contract be awarded to MAX Underground Construction, LLC in the amount of \$3,844,135.12 for the total Base Bid 2.

LIST OF SUPPORTING DOCUMENTS:

Project Budget
Location Map
Presentation
Letter of Recommendation
Form 1295