



**AGENDA MEMORANDUM**

Future Item for the City Council Meeting of February 26, 2019  
Action Item for the City Council Meeting of March 19, 2019

**DATE:** January 22, 2019

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

**THRU:** Mark Van Vleck, Assistant City Manager  
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**Construction Contract**  
**Traffic Signals and Lighting Improvements Project**  
**Bond 2014, Proposition 2**

**CAPTION:**

Ordinance appropriating \$737,916 of anticipated revenues from the Texas Department of Transportation (TxDOT), amending the capital improvement budget and authorizing the execution of a construction contract with Siemens Mobility, Inc. of Austin, Texas in the amount of \$1,885,543 for Traffic Signals and Lighting Improvements for the base bid only. (Bond 2014, Proposition 2)

**PURPOSE:**

This construction contract provides traffic signal improvements to nine (9) intersections for enhanced driver and pedestrian safety.

**BACKGROUND AND FINDINGS:**

This is a joint Texas Department of Transportation (TxDOT) / City project to implement traffic signal improvements. Only five intersections are eligible for TxDOT funding, the remaining four intersections are fully funded only by the City. The five intersections that are eligible for joint TxDOT funding through the Metropolitan Planning Organization Transportation Improvement Program (TIP) are on Ennis Joslin corridor.

On February 9, 2016 the City entered into an Interlocal Agreement with Texas A&M University Corpus Christi (TAMUCC) and an Advance Funding Agreement with TxDOT for traffic signal improvements on Ennis Joslin Corridor. The TxDOT / City cost sharing is (80/20) respectively. TAMUCC is also participating with the City for the signal improvements at Islander Way intersection in support of university expansion. The TAMUCC participation was \$100,000 and qualifies as part of the City share.

The following is a list of the nine intersections to receive new traffic signals or upgrades:

1. Ennis Joslin @ Islander Way (new)
2. Ennis Joslin @ McArdle (new)
3. Ennis Joslin @ Nile (upgrades)
4. Ennis Joslin @ Alameda (upgrades)
5. Ennis Joslin @ Ocean (upgrades)
6. Ocean @ Island Blvd (upgrades)
7. Ocean @ Sand Dollar (upgrades)
8. Ocean @ Doddridge (upgrades)
9. McArdle @ Nile (new)

The new traffic signals and upgrades to the existing traffic signals on Ennis Joslin provide full interconnectivity of all signals to improve sequencing and support potential evacuation of university in the event of an emergency.

Construction consists of new foundations, mast arms poles, signal heads, pedestrian poles, pedestrian heads, conduits and conductors, controllers, cabinets, cameras, electrical services, ADA ramps, signage, and pavement markings.

The project was developed with a Base Bid for all nine traffic signal improvements with two Deductive Alternates to delete one signal each. The Deductive Alternates were provided to allow the award if bid prices exceeded the available funding limits.

The City received proposals from two (2) bidders as follows:

<b>Contractor</b>	<b>Base Bid</b>	<b>Deductive Alternate 1</b>	<b>Deductive Alternate 2</b>
<del>Signal Services Group Inc.</del>	<del>1,642,908.00</del>	<del>(146,959.00)</del>	<del>(168,287.50)</del>
Siemens Mobility Inc. of Austin, Texas	1,885,543.00	(185,576.00)	(200.047.00)
<b>Engineer's Opinion Probable Construction Cost</b>	<b>1,400,000.00</b>		

The low bidder was determined as non-responsive for failure to submit a Bid Bond and Power of Attorney. Therefore, the lowest responsive and responsible bidder is Siemens Mobility Inc.

**ALTERNATIVES:**

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

**OTHER CONSIDERATIONS:**

Prioritized list of construction is as follows:

1. Ennis Joslin Road @ Islander Way traffic signal
2. Ennis Joslin Road @ McArdle Road

3. All others at contractors' discretion.

**CONFORMITY TO CITY POLICY:**

Complies with statutory requirements for professional services contracts. Conforms to FY 2019 Capital Improvement Planning (CIP) Budget.

**EMERGENCY / NON-EMERGENCY:**

Non-Emergency

**DEPARTMENTAL CLEARANCES:**

Street Operations Department

**FINANCIAL IMPACT:**

Operating       Revenue       **Capital**       Not applicable

<b>Fiscal Year 2018-2019</b>	<b>Project to Date Expenditures (CIP only)</b>	<b>Current Year</b>	<b>Future Years</b>	<b>TOTALS</b>
Budget	341,802	2,296,114		2,637,916
Encumbered / Expended Amount	341,802			341,802
<b>This item</b>		<b>1,885,543</b>		<b>1,885,543</b>
Future Anticipated Expenditures This Project		409,807		409,807
BALANCE	0	764		764

Fund(s): Street Bond 2014, TxDOT, TAMU

**RECOMMENDATION:**

Staff and the design engineer, Maldonado Burkett, recommend award to Siemens Mobility, Inc. for the base bid only.

**LIST OF SUPPORTING DOCUMENTS:**

Project Budget  
Location Map  
Presentation  
Letter of Recommendation