



AGENDA MEMORANDUM

Future Item for the City Council Meeting of March 29, 2016
Action Item for the City Council Meeting of April 12, 2016

DATE: February 15, 2016

TO: Ronald L. Olson, City Manager

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<p style="text-align: center;"><u>Engineering Construction Contract</u> Signal Improvements and Street Lighting BOND 2012</p>

CAPTION:

Motion authorizing the City Manager, or designee, to execute a construction contract with Siemens Industry, Inc. of Corpus Christi, Texas in the amount of \$207,007.95 for the Signal Improvements and Street Lighting BOND 2012 project for new traffic signal at Ocean Drive and Robert Drive for the base bid.

PURPOSE:

The purpose of this Agenda Item is to obtain authority to execute a construction contract for new traffic signal at Ocean Drive and Robert Drive under Signal Improvements and Street Lighting BOND 2012 project.

BACKGROUND AND FINDINGS:

The Signal Improvements and Street Lighting (Bond 2012) Proposition 1 Project was approved by the voters on November 6, 2012. The Signal Improvement and Lighting "Project" was programmed to address numerous locations City-wide through various smaller projects and other Street Reconstruction projects. This is one of the new traffic signals prioritized within the Project.

Other prioritized projects include:

- New Traffic Signal at McArdle & Nile Intersection
- New Traffic Signal at Cimarron and Lipes Intersection
- Upgraded Traffic Signals on Navigation at Up River, Leopard and IH-37
- Implementation of the Intelligent Transportation for the new Traffic Management Center

Bond 2012 Proposition 1 Brochure description: “Signal Improvements and Street Lighting \$2,000,000.00 – Some arterial and collector intersections are currently signalized and controlled by a span wire signal head system. A span wire system cannot accommodate pedestrian traffic light control due to lack of push button signal operation. Also, these intersections would need to be ADA compliant, new LED signal heads mounted on mast arms, underground conduit, video detection (VIVDS) for signal operation and illuminated street signage. Upgrading these signals along with installing new warranted signals city-wide will enhance traffic safety and efficient traffic movement. This project will also upgrade and install additional street lighting in residential areas and along arterial and collector street city-wide. Improvements will principally consists of replacing existing mercury-vapor street lighting with higher-intensity, more efficient high pressure sodium vapor lighting or LED lighting, adding new street lights on residential streets to improve light spacing, adding lights for area beautification, installing new and improved continuous street lighting along selected arterial and collector streets, installing new area lighting as necessary for public safety.”

This project provides for a new traffic signal to be located at the intersection of Ocean Drive and Robert Drive. The construction will include, but not be limited to: concrete foundations, signal poles, signal mast arms, signal heads, pedestrian poles, pedestrian heads, conduits, conductors, controller cabinet, electrical service, and pavement repairs & markings. This work replaces the existing temporary signal at the location.

On February 3, 2016, the City received proposals from three (3) bidders and the bidders are as follows:

Contractor	Base Bid
Siemens Industry, Inc. Corpus Christi, Texas	\$207,007.95
Austin Traffic Signal Construction Company, Inc. Pflugerville, Texas	\$213,592.10
E-Z Bel Construction, LLC San Antonio, Texas	\$250,430.00

The City's consultant Maldonado-Burkett Intelligent Transportation Systems, LLP, analyzed the three proposals and determined the lowest reasonable bidder is Siemens based on the review of the bids, past performance, and other information in accordance with the contract documents.

ALTERNATIVES:

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

OTHER CONSIDERATIONS:

Not applicable

CONFORMITY TO CITY POLICY:

Complies with statutory requirements for architectural and engineering contracts. Conforms to FY 2015-2016 Street Capital Improvement Planning (CIP) Budget.

EMERGENCY / NON-EMERGENCY:

Not applicable

DEPARTMENTAL CLEARANCES:

Street Department

FINANCIAL IMPACT:

☐ Operating
 ☐ Revenue
 ☒ Capital
 ☐ Not applicable

Fiscal Year 2015-2016	Project to Date Expenditures (CIP only)	Current Year	Future Years	TOTALS
Budget	\$2,000,000.00			\$2,000,000.00
Expended/Encumbered Amount	136,259.72			136,259.72
This item		\$207,007.95		\$207,007.95
Future Anticipated Expenditures This Project		47,535.79		47,535.79
BALANCE	\$1,863,740.28	(\$254,543.74)		\$1,609,196.54

Fund(s): ST 46

Comments: N/A

RECOMMENDATION:

City staff and MBITS recommend the construction contract award to Siemens Industry, Inc. in the amount of \$207,007.95 for the Signal Improvements and Street Lighting BOND 2012 project at Ocean Drive & Robert Drive for the base bid.

LIST OF SUPPORTING DOCUMENTS:

Project Budget
 Location Map
 Presentation