



## **AGENDA MEMORANDUM**

Future Item for the City Council Meeting of October 11, 2016  
Action Item for the City Council Meeting of October 18, 2016

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**DATE:** September 15, 2016

**TO:** Margie C. Rose, City Manager

**THRU:** Mark Van Vleck, Assistant City Manager  
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**FROM:** J. H. Edmonds, P. E., Director of Engineering Services  
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<p style="text-align: center;"><b><u>Engineering Design Services</u></b> <b>Downtown Street Traffic Signal and Area Improvements</b> <b>BOND 2014 Prop. 2</b></p>
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### **CAPTION:**

Motion authorizing the City Manager, or designee, to execute a contract for engineering design services with Freese and Nichols, Inc. of Corpus Christi, Texas in the amount of \$334,275 for the Downtown Street Traffic Signal and Area Improvements. (BOND 2014 Proposition 2).

### **PURPOSE:**

The purpose of this Agenda Item is to obtain authority to execute an engineering design contract for the Downtown Street Traffic Signal and Area Improvements project. (BOND 2014 Proposition 2).

### **BACKGROUND AND FINDINGS:**

This project was approved in the Bond 2014 Proposition 2 Street Safety, Revitalization and Capacity Improvement Projects by the community in the general election held on November 4, 2014.

**Bond 2014 Brochure description:** "Downtown Street Traffic Signal and Area Improvements – This project will replace all obsolete single poles at traffic signals on Water Street corridor with mast arm poles assemblies from south of IH-37 to Coopers Alley. It will upgrade traffic signal hardware and software to City standard configuration. The new mast arm poles will be designated to comply with the architectural design standards outlined in the Central Business District Area Development Plan. Traffic signals will be coordinated for better traffic flows. This project will also assess the need to remove existing traffic signals as traffic signal warrant analysis dictates."

This item provides for the engineering to complete the design phase to improve the signalization and safety along Water Street from Coopers Alley to Twigg Street. The improvements include new poles with mast arms that extend the signal heads out to provide drivers better line of sight. Utility adjustments are anticipated for the new pole locations and underground cables. The project also includes upgrades to the pedestrian and ADA devices. The design of the poles and devices will be consistent with the architectural standards for this area. The new signals will be coordinated and programmed for optimal traffic flows and safety. All work will be coordinated with key stakeholders and utilities to minimize disruptions to vehicular traffic, pedestrians and businesses.

**ALTERNATIVES:**

1. Authorize execution of an engineering design contract.
2. Do not authorize execution of an engineering design contract. (Not Recommended)

**OTHER CONSIDERATIONS:**

Freese and Nichols, Inc. is the design engineer that was selected for this project under RFQ 2014-08.

**CONFORMITY TO CITY POLICY:**

Complies with statutory requirements for architectural and engineering contracts. Conforms to FY 2016-2017 Street Capital Improvement Planning (CIP) Budget. This item requires a 2/3 majority vote as per City Charter requirements.

**EMERGENCY / NON-EMERGENCY:**

Not applicable

**DEPARTMENTAL CLEARANCES:**

Street Department

**FINANCIAL IMPACT:**

☐ Operating      ☐ Revenue      ☒ Capital      ☐ Not applicable

<b>Fiscal Year 2016-2017</b>	<b>Project to Date Expenditures (CIP only)</b>	<b>Current Year</b>	<b>Future Years</b>	<b>TOTALS</b>
Budget	\$49,959	\$3,597,395		\$3,647,354
Encumbered / Expended Amount	49,959	0		49,959
<b>This item</b>	<b>0</b>	<b>334,275</b>		<b>334,275</b>
Future Anticipated Expenditures This Project	0	3,210,474		3,210,474
BALANCE	\$0	\$52,646		\$52,646

Fund(s): ST 23

Comments: N/A

**RECOMMENDATION:**

City staff recommends the engineering design contract with Freese and Nichols, Inc. in the amount of \$334,275 for the Downtown Street Traffic Signal and Area Improvements BOND 2014 Proposition 2 project.

**LIST OF SUPPORTING DOCUMENTS:**

Project Budget  
Engineering Design Contract  
Location Map  
Presentation  
Form 1295