



## AGENDA MEMORANDUM

First Reading for the City Council Meeting of December 15, 2015  
Second Reading for the City Council Meeting of January 12, 2016

**DATE:** November 23, 2015

**TO:** Ronald L. Olson, City Manager

**THRU:** Gustavo Gonzalez, P. E., Assistant City Manager of Public Works and Utilities  
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**Engineering Construction Contract**  
**Traffic Signal and Street Lighting Improvements IDIQ**

**CAPTION:**

Ordinance appropriating \$400,725.04 from the Unreserved Fund Balance in No. 1041 Street Fund for the Traffic Signal and Street Lighting Improvements IDIQ project; changing the FY 2015-2016 Operating Budget adopted by Ordinance No. 030620 by increasing expenditures by \$400,725.04; authorizing the City Manager, or Designee, to execute a construction contract with Siemens Industry, Inc. of Austin, Texas in the amount of \$721,485.80 for the initial year with the option of four one-year extensions that may be administratively approved; and authorizing the City Manager to proceed with the design of IDIQ delivery orders for the base year by executing Amendment No. 1 to a Professional Service Agreement with Maldonado-Burkett Intelligent Transportation Systems, LLP in the amount of \$32,211.73 for a restated fee of \$71,725.04 for the Traffic Signal and Street Lighting Improvements IDIQ project.

**PURPOSE:**

The purpose of this Agenda Item is to obtain authority to execute a construction contract with the lowest responsible bidder, Siemens Industry, Inc., and a design amendment with MBITS for the Traffic Signal and Street Lighting Improvements IDIQ project.

**BACKGROUND AND FINDINGS – CONSTRUCTION CONTRACT:**

The traffic signals portion of this project was approved by City Council in a decision package in Fiscal 2015 for city-wide Traffic Signal Improvements. The street lighting portion of the project is a budgeted annual infrastructure maintenance expense in the General Fund for maintenance of certain highway lights on the TxDOT system in accordance with several Interlocal Agreements.

This item provides for the award of the base year of the multi-year IDIQ construction contract with the option of four (4) one-year extensions. The award of the base year is in the amount of \$721,485.80 with a potential total of \$3,607,429.00 over the 5-year program pending available funds. Option years will be administratively authorized by the City Manager or designee based on available funding.

The project was initially advertised in August 2015 with no bids. A second advertisement received two bids in October. With the additional timeline for the rebid, the Fiscal 2015 Council-approved funds programmed for Year 1 of the multi-year program were transferred to the unreserved fund balance and must be re-appropriated for use in this contract.

The work under this project will be identified and prioritized by the Street Department and Delivery Orders (DO's) prepared by the consultant engineer for the maintenance of signals and lighting across the City and for emergency repairs from accidents on an on-call basis. Approximately five (5) DOs are anticipated for the base year and subsequent years subject to availability of funding.

On October 7, 2015, the City received proposals from two (2) bidders as follows:

<b>Contractor</b>	<b>Base Bid</b>
Siemens Industry, Inc. Austin, Texas	\$721,485.80
Austin Traffic Signal Construction Company, Inc. Pflugerville, Texas	\$769,351.50

The City's engineer, Maldonado-Burkett Intelligent Transportation Systems, LLP (MBITS) evaluated the two (2) bids and determined that Siemens Industry, Inc. is a responsible bidder with the experience and resources to perform the work.

**BACKGROUND AND FINDINGS – DESIGN AMENDMENT:**

The contract amendment will provide engineering services to include the following scope:

- Kick-off scoping meeting and project coordination.
- Preparation of plans, specifications, estimates, and contracts documentation with review of contractor submittals.
- Delivery Order (DO) preparation for construction/maintenance to include but not limited to foundations, signal poles, mast arms, signal heads, pedestrian poles, pedestrian heads, school zone flashers, conduits, conductors, controller cabinets, electrical services, illumination poles, etc.
- Construction support services for responses to Request for Information (RFI's) and other technical support.

**ALTERNATIVES FOR CONSTRUCTION AND DESIGN AMENDMENT No.1:**

1. Authorize execution of the construction contract and design amendment.
2. Do not authorize execution of the construction contract and design amendment. (Not Recommended)

**OTHER CONSIDERATIONS: Award of all DOs and start of any construction will be subject to the availability and certification of operational funds to cover Year-1 from the street fund balance.**

The immediate need for the citywide maintenance and repairs of existing signal and lighting locations, will be addressed by this year round project. Benefits to the traveling public include safety from the enhanced infrastructure. This project is Year 1 of a multi-year contract approved by Council as a Decision Package for both Fiscal 2015 (Year 1) and Fiscal 2016 (Year 2). Fiscal 2016 monies will be encumbered with the renewal on the contract.

**CONFORMITY TO CITY POLICY:**

Complies with statutes regarding construction procurement criteria.

**EMERGENCY / NON-EMERGENCY:**

Not applicable

**DEPARTMENTAL CLEARANCES:**

Street Department

**FINANCIAL IMPACT:**

X Operating       Revenue       Capital       Not applicable

<b>Fiscal Year 2015-2016</b>	<b>Project to Date Expenditures (CIP only)</b>	<b>Current Year</b>	<b>Future Years</b>	<b>TOTALS</b>
Budget	\$0.00	\$700,725.04	\$0.00	\$700,725.04
Encumbered / Expended Amount	\$0.00	\$0.00	\$0.00	\$0.00
This item	\$0.00	\$753,697.53	\$0.00	\$753,697.53
Future Anticipated Expenditures This Project	\$0.00	\$79,176.01	\$0.00	\$79,176.01
<b>BALANCE</b>	\$0.00	-\$132,148.50	\$0.00	-\$132,148.50

Fund(s): Street Fund, General Fund

**RECOMMENDATION:**

City staff recommends that the construction contract be awarded to Siemens Industry, Inc. of Austin, Texas in the amount of \$721,485.80 for Traffic Signal and Street Lighting Improvements IDIQ for the total Base Bid and award of Amendment No. 1 with Maldonado Burkett Intelligent Transportation Systems, LLP for \$32,211.73 for a restated fee of \$71,725.04.

**LIST OF SUPPORTING DOCUMENTS:**

Project Budget  
Location Map  
Presentation