

COUNCIL ACTION FORM

SUBJECT: 2017/18 TRAFFIC SIGNAL PROGRAM – E. LINCOLN WAY & DAYTON AVE

BACKGROUND:

The Traffic Signal Program (TSP) is the annual program that provides for replacing older traffic signals and constructing new traffic signals in the City, which will result in improved visibility, reliability, and appearance of signals. This program provides upgrading of the traffic signal system technology. In recent years, traffic signal replacements have included radar detection systems instead of in-pavement loop detection systems that had previously been used (frequently a point of vehicle detection failure). Another advantage of the radar detection system is that it detects bicycles in addition to vehicles. **This project will install a new signal and new pedestrian ramps at E. Lincoln Way and Dayton Avenue.**

On February 21, 2018, bids for the project were received as follows:

<i>Bidder</i>	<i>Base Bid Amount</i>	<i>Alternate Bid Amount</i>
Engineer's estimate	\$263,802.15	\$19,500
Iowa Signal Inc.	\$309,416.64	\$21,907
Voltmer, Inc.	\$310,601.93	\$21,907

This project is shown in the 2017/18 Capital Improvements Plan with **funding in the amount of \$375,000** in Road Use Tax (RUT). Bid alternates were intended to provide replacement stock for the certain signal equipment such as pedestrian and vehicle detection components. However, due to budget constraints staff is not recommending the award of the bid alternate.

Costs associated with this project are estimated to include:

Engineering and Construction Administration (Estimated)	\$61,883.00
Construction (Low Bid)	\$309,416.64
Total Estimated Costs	\$371,299.64

The low bid for the 2016/17 TSP project (received separate from the project) was well below the programmed budget. These available funds will be reserved as contingency for both FY 16/17 and FY 17/18 projects. A financial summary of both traffic signal projects follows:

<u>Project Name</u>	<u>Revenues</u>	<u>Expense</u>	<u>Contingency</u>
2016/17 TSP (6th St. & N. Hazel Ave.)	\$325,000	\$284,011	\$40,989 (12.6%)
2017/18 TSP (E. Lincoln Way & Dayton Ave.)	\$375,000	\$371,300	\$3,700 (1.0%)
	\$700,000	\$655,311	\$44,689 (6.4%)

ALTERNATIVES:

- 1a. Accept the report of bids for the 2017/18 Traffic Signal Program – E. Lincoln Way & Dayton Ave project.
 - b. Approve the final plans and specifications for this project.
 - c. Award the 2017/18 Traffic Signal Program – E. Lincoln Way & Dayton Ave project to Iowa Signal Inc. of Grimes, Iowa, in the amount of \$309,416.64.
2. Award the contract to one of the other bidders.
 3. Do not proceed with this project.

MANAGER'S RECOMMENDED ACTION:

Proceeding with this project will make it possible to provide better service for residents using this intersection.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as described above.