

COUNCIL ACTION FORM

SUBJECT: 2016/17 TRAFFIC SIGNAL PROGRAM – 6th STREET/HAZEL AVE.

BACKGROUND:

The Traffic Signal Program 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 6th Street and N. Hazel 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	\$226,528.30	\$19,500
Voltmer, Inc.	\$236,676.13	\$21,907
Iowa Signal Inc.	\$245,293.87	\$21,907

Estimated costs associated with this project include:

Engineering and Construction Administration (Estimated)	\$47,335.00
Construction (Low Bid)	\$236,676.13
Total Estimated Costs	\$284,011.13

This Traffic Signal Program (TSP) project is shown in the 2016/17 Capital Improvements Plan with **funding in the amount of \$325,000** in Road Use Tax (RUT). Bid alternates were intended to provide replacement stock for certain signal components such as pedestrian and vehicle detection components. However, in order to provide contingency for this project and for the 2017/18 TSP project (see below), staff is not recommending the award of the bid alternates.

Below is a financial summary of both the FY 16/17 and FY 17/18 traffic signal bids:

<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 2016/17 Traffic Signal Program – 6th Street/Hazel Ave project.
 - b. Approve the final plans and specifications for this project.
 - c. Award the 2016/17 Traffic Signal Program – 6th Street/Hazel Ave project to Voltmer, Inc. of Decorah, Iowa, in the amount of \$236,676.13.
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 all users of this intersection.

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