

COUNCIL ACTION FORM

SUBJECT: 2018/19 TRAFFIC SIGNAL PROGRAM – LINCOLN WAY / HYLAND AVENUE

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 Lincoln Way and Hyland Avenue.**

On December 5, 2018, bids for the project were received as follows:

<i>Bidder</i>	<i>Base Bid Amount</i>	<i>Alternate Bid Amount</i>	<i>Total Bid Amount</i>
Engineer's estimate	\$183,678.35	\$19,500.00	\$203,178.35
Van Maanen Electric, Inc.	\$215,425.73	\$23,367.00	\$238,792.73
K&W Electric, Inc.	\$229,081.10	\$24,100.00	\$253,181.10
Voltmer, Inc.	\$255,271.76	\$21,837.00	\$277,108.76

Costs associated with this project are estimated to include:

Engineering and Construction Administration (Estimated)	\$ 71,600.00
Traffic Signal Poles (Received Quote)	\$ 21,582.00
Construction	\$ <u>238,792.73</u>
Total Estimated Costs	\$ 331,972.73

This Traffic Signal Program project is shown in the 2018/19 Capital Improvements Plan with **funding in the amount of \$353,000** in Road Use Tax (RUT).

ALTERNATIVES:

- 1a. Accept the report of bids for the 2018/19 Traffic Signal Program – Lincoln Way / Hyland Avenue project.

- b. Approve the final plans and specifications for this project.
 - c. Award the 2018/19 Traffic Signal Program – Lincoln Way / Hyland Avenue project to Van Maanen Electric, Inc. of Newton, Iowa, in the amount of \$238,792.73.
2. Award the contract to one of the other bidders.
 3. Do not proceed with this project.

MANAGER'S RECOMMENDED ACTION:

In analyzing the bids, staff believes that costs came in slightly higher than estimated due to contractors hedging on uncertain steel market prices. Also, this intersection has tighter working space and higher traffic than most project locations. **However, with estimated expenses projected to be well within available funding, staff is recommending the selection of the Base Bid and the Alternate Bid.** Proceeding with this project will make it possible to provide better safety and more reliable service for users of this intersection.

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