

ITEM #: 28  
DATE: 10-22-24  
DEPT: PW

**COUNCIL ACTION FORM**

**SUBJECT:**                                   **2024/25 TRAFFIC SIGNAL PROGRAM**

**BACKGROUND:**

The Traffic Signal Program provides for both the replacing of older traffic signals and constructing new traffic signals in the City. **This project involves the replacement of the traffic signal at the intersection of S. 16th Street & University Boulevard. The design of the signal has been coordinated with the planned S. 16th Street widening project. Signal poles for this location have already been ordered through a separate bid solicitation. Therefore, this action is for the installation of the signals and related equipment.** Staff worked with WHKS & Co. of Ames, Iowa to develop construction plans and specifications with a total estimated construction cost of \$193,128.75.

On October 16, 2024, bids for the project were received as follows:

<b>Bidder</b>	<b>Bid Amount</b>
<i>Engineer's Estimate</i>	<i>\$193,128.75</i>
<b>Van Maanen Electric, Inc.</b>	<b>\$142,043.15</b>
Kline Electric, Inc. DBA Heartland Underground Solutions	\$147,730.00
Iowa Signal, Inc.	\$156,988.40
Voltmer Electric, Inc.	\$219,523.00

The table below shows estimated expenses and revenues for this project:

<b>Expenses</b>	<b>Amount</b>	<b>Revenues</b>	<b>Amount</b>
Design	\$ 24,600.00		
Signal Poles (previous bid)	\$ 59,934.00		
Pedestrian Pushbutton Equipment (previous bid)	\$ 17,204.00		
<b>Construction (this action)</b>	<b>\$ 142,043.15</b>		
Administration	\$ 25,000.00		
		FY 23/24 & 24/25 Traffic Signal Program Road Use Tax	\$478,000
<b>Totals</b>	<b>\$ 268,751.15</b>		<b>\$478,000</b>

**ALTERNATIVES:**

1. a. Accept the report of bids for the 2024/25 Traffic Signal Program  
b. Approve the final plans and specifications for this project and award the 2024/25 Traffic Signal Program to Van Maanen Electric, Inc. of Newton, Iowa in the amount of \$142,043.15.
2. Do not proceed with the project at this time.

**CITY MANAGER'S RECOMMENDED ACTION:**

**This project will provide a new traffic signal at this intersection in coordination with the upcoming improvements along S. 16th Street. Award of the project will continue to keep this project on pace for 2025 construction.** Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as described above.

**ATTACHMENT(S):**

[Location Map.pdf](#)