

ITEM #: 32a & 32b  
 DATE: 10-24-23  
 DEPT: PW

**COUNCIL ACTION FORM**

**SUBJECT: 2022/23 TRAFFIC SIGNAL PROGRAM (STATE AVE & MORTENSEN ROAD PERMANENT SIGNAL) - SIGNAL**

**BACKGROUND:**

The annual Traffic Signal Program provides for replacing older traffic signals and for constructing new traffic signals. This will result in improved visibility, reliability, and appearance of signals. This program also provides for maintenance needs as well as traffic signal system upgrades as technology advances. **This project includes converting the existing temporary traffic signal at State Ave & Mortensen Road to a permanent traffic signal. Project costs are to be split equally with Iowa State University.**

On October 18, 2023, bids were received for this project as follows:

<i>Bidder</i>	<i>Total Bid</i>
<i>Engineer's Estimate</i>	\$223,656.25
Kline Electric DBA Heartland Underground Solutions	\$140,755.00
Van Maanen Electric	\$170,069.00
Iowa Signal, Inc.	\$179,909.55

Revenues and expenses for this project are as follows:

Revenues		Expenses	
CIP Road Use Tax	\$ 180,000	Construction Admin.	\$ 20,000.00
Iowa State Funding	\$180,000	Design	\$ 23,400.00
		Construction	\$ 140,755.00
		Signal Poles	\$ 64,676.00*
		Pedestrian Pole	\$ 2,757.30
<b>Total</b>	<b>\$ 360,000</b>	<b>Total</b>	<b>\$ 251,588.30</b>

\*Please note that quotes for the signal poles were solicited separately and approval to purchase them is under separate agenda item.

**ALTERNATIVES:**

1. a. Accept the report of bids for the 2022/23 Traffic Signal Program (State & Mortensen)
- b. Approve the final plans and specifications for this project.
- c. Award the 2023/24 Traffic Signal Program (State & Mortensen) to Kline Electric DBA Heartland Underground Solutions of Des Moines, Iowa in the amount of \$140,755.
2. Award the contract to one of the other bidders.
3. Do not proceed with this project.

**CITY MANAGER'S RECOMMENDED ACTION:**

By awarding this project, it will be possible to construct the permanent signal in 2024 and eliminate the high maintenance requirements of the existing temporary signal. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as noted above.