

COUNCIL ACTION FORM

SUBJECT: 2021/22 TRAFFIC SIGNAL PROGRAM (UNIVERSITY BLVD & SOUTH FOURTH STREET)

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.

In recent years, improvements have included using video detection instead of in-pavement loop detection systems that had previously been used and frequently failed. Another advantage of the video detection system is that it detects bicycles in addition to vehicles. **This project includes traffic signal and pedestrian ramp improvements at the intersection of University Boulevard and South Fourth Street.**

On January 19, 2022, bids were received for this project as follows:

<i>Bidder</i>	<i>Total Bid</i>
Engineer's estimate	\$247,323.75
Voltmer, Inc.	\$293,231.41
K&W Electric, Inc.	\$299,446.15
Van Maanen Electric, Inc.	\$305,758.22

The revenues and expenses for this project are as follows:

Revenues		Expenses	
Road Use Tax	\$400,000	Administration	\$10,000.00
Road Use Tax Savings	\$59,000	Design	\$24,300.00
		Construction	\$293,231.41
		Gridsmart Detection	\$23,495.00
		Signal Cabinets	\$40,180.00
		Signal Poles	\$58,359.00
Total	\$459,000	Total	\$449,565.41

ALTERNATIVES:

- 1a. Accept the report of bids for the 2021/22 Traffic Signal Program (University Blvd & South Fourth Street) project.

- b. Approve the final plans and specifications for this project.
 - c. Award the 2021/22 Traffic Signal Program (University Blvd & South Fourth Street) project to Voltmer, Inc. of Decorah, Iowa in the amount of \$293,231.41.
2. Award the contract to one of the other bidders.
 3. Do not proceed with this project

CITY MANAGER'S RECOMMENDED ACTION:

Proceeding with this project will make it possible to improve an aging traffic signal 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.**