

ITEM#: 24
DATE: 09-14-21

COUNCIL ACTION FORM

SUBJECT: GRIDSMART TRAFFIC CAMERA SYSTEM SOLE SOURCE PURCHASE

BACKGROUND:

The City utilizes GRIDSMART camera systems at signalized intersections to detect and manage the flow of traffic. At its April 14, 2020 meeting, City Council approved the purchase of GRIDSMART traffic intersection camera systems from General Traffic Controls, Spencer, IA in an amount not to exceed \$271,825 as a sole source purchase to be installed at various locations. To date, \$263,251 in GRIDSMART purchases have been made or are being processed for current projects.

The GRIDSMART camera system provides the best value and will be consistent with the systems that have been installed. Below is a table that summarizes the ongoing and future projects that will require the purchase of a GRIDSMART system. Funding is available in the amounts indicated below from the FY 2020/21 and FY 2021/22 Capital Improvements Plans.

FY 2020/21		
CIP Program/Budget	Location	Estimated Cost*
Grand Avenue Extension	S. 16th & S. Duff	\$ 50,000.00
S. Dayton Improvements	S. 16th & S. Dayton and S. Dayton & HWY 30 North & South Ramps (3 units)	\$ 65,000.00
Multi-Modal Roadway Improvements	Vet Med Trail Crossing @ S. 16th St	\$ 20,000.00
	FY 2020/21 Total	\$ 135,000.00
FY 2021/22		
CIP Program/Budget	Location	Cost*
Concrete Pavement Improvements	Stange & 24th Street	\$ 20,000.00
Traffic Signal Program	University Blvd & S. 4th Street	\$ 20,000.00
Traffic Operating Budget	Traffic Inventory	\$ 20,000.00
	FY 2021/22 Total	\$ 60,000.00
*The cost of each system is dependent on the size of each intersection and the speed limits of the approaches. Costs have been rounded up to the nearest \$1,000 to account for fluctuations in market costs for the equipment.		

ALTERNATIVES:

- 1.a. Waive the Purchasing Policies & Procedures competitive bidding process.
- b. Award a sole source contract for the purchase of GRIDSMART traffic intersection camera systems to General Traffic Controls, Spencer, IA in an amount not to exceed \$195,000.
2. Do not approve the purchase of traffic camera systems.

CITY MANAGER'S RECOMMENDED ACTION:

Staff has reviewed available options, selected the system best suited to our traffic signal network needs, and negotiated the best price. Funding for these units has already been approved as a part of the adopted CIP process.

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