

ITEM #: 15
 DATE: 09-27-22

COUNCIL ACTION FORM

SUBJECT: SIGNALIZED INTERSECTION TRAFFIC CAMERA SYSTEM (GRIDSMART) PURCHASE

BACKGROUND:

At its September 14, 2021 meeting, City Council approved the purchase of GRIDSMART traffic detection camera systems from General Traffic Controls, Spencer, IA in an amount not to exceed \$195,000 as a sole source purchase. To date, \$181,501 in GRIDSMART purchases have been made or are being processed for current traffic signal projects.

Staff has continued to evaluate different camera-based detection systems and believes GRIDSMART camera systems continue to provide the best value. GRIDSMART has been the sole source supplier of previous camera detection equipment and thus provides the best interoperability with the existing equipment.

Below is a table that summarizes the ongoing and future projects that will require the purchase of a GRIDSMART system.

FY 2022/23		
CIP Program/Budget	Location	Cost*
Traffic Operating Budget	Traffic Inventory	\$ 20,000
CyRide Route Pavment Improv.	Lincoln Way (Beedle to Franklin)	80,000
Multi-Modal Roadway Improv.	Grand & 6th Street	20,000
Traffic Signal Program	Various Equipment Upgrades	80,000
	FY 2022/23 Total	\$ 200,000
FY 2023/24		
CIP Program/Budget	Location	
Traffic System Capacity Improv.	Airport Road	\$ 40,000
Traffic Signal Program	S. Duff & Chestnut	40,000
	FY 2023/24 Total	\$ 80,000
*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 City's Purchasing Policies and Procedures requirement for competitive bids for these sole source cameras and

B. Approve the purchase of GRIDSMART traffic intersection camera systems from General Traffic Controls, Spencer, IA in an amount not to exceed \$280,000 as a sole source purchase.
2. Do not approve the purchase of traffic camera systems.

CITY MANAGER'S RECOMMENDED ACTION:

Staff has reviewed available options, and selected the GRIDSMART system as best suited to the City's traffic signal network needs. Staff is confident that GRIDSMART provides the best value and the price negotiated is acceptable. Funding for these units has already been approved through the annual budget process.

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