



**Contract for Video Image Vehicle Detection System Cameras - City of Tempe  
Cooperative Contract T17-120-01 (Ordinance S-44687)**

Request to authorize the City Manager, or his designee, to access the City of Tempe Cooperative Contract awarded as a result of solicitation RFP17-120 and enter into a contract with ITS Plus, Inc. to purchase Video Image Vehicle Detection System (VIVDS) cameras for the Street Transportation Department. Further request authorization for the City Controller to disburse all funds related to this item. The aggregate contract value will not exceed \$300,000.

**Summary**

The VIVDS cameras will be used to detect the presence of vehicles and bicycles at various intersections throughout the City. They will be installed in lieu of in-ground detection loops. The VIVDS offer greater flexibility as they are able to detect all objects in their view, while loops can only detect objects that are on top of the pavement where the loop is located. The VIVDS can be repaired remotely with no disruption to traffic, while repairs or adjustments to loops must be made in the field and require lane restrictions. The cost to equip an intersection with VIVDS is comparable to the cost to install in-ground detection loops. The VIVDS are also able to provide staff with data analytics, such as the number of bicycles passing through an intersection. This information is not currently available with loops.

**Procurement Information**

In accordance with Administrative Regulation 3.10, a participating agreement is required when the City uses a cooperative agreement from another public agency. The contract was awarded through a competitive process consistent with the City's procurement processes, as set forth in Phoenix City Code, Chapter 43. Cooperative agreements allow the City to benefit from national government pricing and volume discounts. The City of Tempe contract was awarded April 20, 2017 and covers the VIVDS cameras and related equipment.

**Contract Term**

The five-year contract term shall begin on or about July 1, 2018.

**Financial Impact**

The aggregate contract value will not exceed \$300,000. Funds are available in the Street Transportation Department's budget.

**Responsible Department**

This item is submitted by Deputy City Manager Mario Paniagua and the Street Transportation Department.