



Legislation Text

File #: 130618., **Version:** 1

Purchase of Equipment from Transportation Control Systems, Inc., (TCS) for the Traffic Management System (TMS) (B)

This item involves a request to purchase traffic signal equipment necessary for the Traffic Operations Division of Public Works to maintain as well as enhance the Traffic Management System (TMS) on an as-needed basis.

Transportation Control Systems, Inc., (TCS) is the vendor of traffic control equipment including Aldis video detectors, McCain signal heads, GE traffic signal LEDs, Pelco Mounting products, NEMA cabinets and hardware, test equipment, and illuminated LED signs.

Aldis video detection cameras provide vehicle detection to signalized intersections allowing for safer and more efficient movement of traffic with a single “fish-eye” camera. The system also provides automated vehicle counts which can be used to optimize signal timings. Aldis cameras can be used for permanent detection as well as temporary because of the single camera design.

McCain signal heads, GE traffic signal LEDs, Pelco Mounting Products, as well as TCS’s line of NEMA cabinets, test equipment, and illuminated LED signs provide for general maintenance of traffic signal overhead equipment. These types of devices fail over time and it is important to maintain supply.

All items purchased from TCS will be from competitively bid contracts, Florida Department of Transportation state contract, or sole source.

Funding for purchase of the equipment from Transportation Control Systems is available from the appropriation for the Traffic Management System in the CIRB of the 2005 Capital Project Fund, 8051, and 8052 annual operating budgets in the amount of approximately \$1,500,000. Purchases will be made over multiple years as equipment replacements are needed throughout the Traffic Management System.

The City Commission: 1) approve the purchase of the specified equipment from Transportation Control Systems, Inc; and 2) authorize the City Manager to issue purchase order(s) to Transportation Control Systems in excess of \$50,000.