

**INDIAN RIVER COUNTY  
OFFICE OF MANAGEMENT AND BUDGET  
PURCHASING DIVISION**

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**DATE:** April 10, 2024

**TO:** BOARD OF COUNTY COMMISSIONERS

**THROUGH:** John A. Titkanich, Jr., County Administrator  
Kristin Daniels, Director, Office of Management and Budget

**FROM:** Jennifer Hyde, Purchasing Manager

**SUBJECT:** Waiver of Bid Requirement for FDOT-Certified Traffic Equipment

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**BACKGROUND:**

The Traffic Engineering Division utilizes various traffic control products, which are required to be certified by FDOT, meeting uniform system requirements, as required by F.S. 316.065. In addition to certification of equipment, FDOT publishes an approved product list (“APL”), and also awards term contracts for those approved products, with fixed prices. These term contracts are utilized by the Division for purchase of equipment in the same manner as any State Contract. The previous contracts for traffic equipment expired on March 13, 2024, and no new contracts have yet been awarded.

**DISCUSSION:**

The Division has standardized the video detection cameras used at signalized intersections, with the TrafiSense Foward Looking Infrared Radar (“FLIR”). These cameras have several advantages over other technologies, such as a visual display of the detection operation, ability to see through fog and rain, and lack of interference or impact from glare or shadows. In addition, the FLIR technology does not require camera cleaning. FLIR is the only vehicle detection product with infrared detection technology on the FDOT-approved product list. Control Technologies Inc. is the sole FDOT-approved vendor for FLIR products.

Ten of these camera systems were approved for purchase in the current fiscal year, however, without an existing State contract, their purchase requires Board approval.

**FUNDING:**

Funding for the purchase of ten camera systems is available in the Secondary Roads Fund/Secondary Roads/Roads and Bridges/Construction in Progress/Traffic Controllars Account 10921441-066510-05017.

| Description                                                                                         | Fund                  | Amount       |
|-----------------------------------------------------------------------------------------------------|-----------------------|--------------|
| Secondary Roads Fund/Secondary Roads/Roads and Bridges/Construction in Progress/Traffic Controllars | 10921441-066510-05017 | \$230,294.62 |

**RECOMMENDATION:**

Staff recommends the Board waive the requirement for bids for the FLIR cameras, as well as any other products of the FDOT APL, and authorize the Purchasing Division to issue purchase orders, as approved by Budget.

**Attachment:**

Control Technologies Quote