

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
**FDOT DESCRIPTION OF INTENDED  
SINGLE SOURCE PURCHASE  
(PUR 7776)**

375-040-53  
PROCUREMENT  
03/19

AGENCY: DEPARTMENT OF TRANSPORTATION

TITLE: Dedicated Short-Range Communication (DSRC) Connected Vehicle Equipment for Florida's Regional Advanced Mobility Elements (FRAME) project  
 Short description of the commodity or service desired: Connected Vehicle equipment, using Dedicated Short-Range Communication (DSRC), for the FRAME project that was tested at the Traffic Engineering Research Lab and a permitted test site. Components include the Road Side Unit (RSU), On Board Unit (OBU), operating system and ancillary components relative to Connected Vehicle applications.

CONTACT  
 Name: Jim Brown, District Contracts Administrator  
 Address: 1109 S. Marion Ave. MS 2015, Lake City, Florida, 32055  
 Telephone: 386-758-3798  
 Email: james.brown@dot.state.fl.us

Internal tracking number, if any: DOT-SS-20-2003-JB

**Date posted:** July 10, 2019 5:00PM                      **Last day for receipt of information:** July 19, 2019 5:00PM

This description of commodities or contractual services intended for purchase from a single source is posted in accordance with section 287.057(3)(c), Florida Statutes and will remain posted for a period of at least 7 business days.

Commodity or Service Required (commodity class and group, manufacturer, model, and description, as appropriate):  
46161500, Traffic Control

Quantity or Term (as appropriate): One-Year

Requestor (division, bureau, office, individual, as appropriate): FDOT District Two - Traffic Operations - ITS - Peter Vega

Performance and/or Design Requirements (intended use, function or application, compatibility etc. requirements; reference to policy, rule, statute or other act of the Legislature, etc., as appropriate): Connected Vehicle Technology using Dedicated Short-Range Communication (DSRC).

Intended source (vendor, contractor):  
TrafficCast International, Inc.  
1800 Deming Way, Suite 100  
Middleton, WI 53562

Estimated Dollar Amount: \$1,540,600.00

Justification for single source acquisition (what is necessary and unique about the product, service or source; steps taken to confirm unavailability of competition, as appropriate): This product is specialized equipment for Connected Vehicle systems that uses Dedicated Short-Range Communication (DSRC) to produce Intersection geometry mapping (MAP), Signal Phasing and Timing (SPaT), Emergency Vehicle Preemption (EVP), Transit Signal Priority (TSP) information for vehicles. TrafficCast International, Inc. is the only provider of this service for the BlueToad Road Side Units (RSU) product in a DSRC environment.

Approved By: (names & titles, as appropriate to Post on Vendor Bid System (VBS), e.g., requestor, requestor management, information systems, budget, purchasing):

Scott Blocker  
\_\_\_\_\_  
Scott Blocker

Procurement Services Administrator  
\_\_\_\_\_  
Title

Central Office Legal Review:

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DocuSigned by:



Authorized Signature

Chief, Contracts and Special Projects

Title

***Legal review by the Office of General Counsel is required prior to posting. Please coordinate with District Legal Counsel prior to submission to the Office of General Counsel, MS-58.***

Prospective vendors are requested to provide information regarding their ability to supply the commodities or contractual services described. If it is determined in writing by the agency, after reviewing any information received from prospective vendors, that the commodities or contractual services are available only from a single source, the agency shall:

1. Provide notice of its intended decision to enter a single-source purchase contract in the manner specified in s.120.57 (3) F.S.