

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

AGENCY: DEPARTMENT OF TRANSPORTATION, FLORIDA'S TURNPIKE ENTERPRISE (FTE)

TITLE: Q-Free – Intrada™ Optical Character Recognition Engine Software & Support Services

Short description of the commodity or service desired: Q-Free – Intrada™ Optical Character Recognition Engine Software & Support Services

CONTACT

Name: Gail Brown, Procurement Specialist
Address: Florida's Turnpike Enterprise
Turkey Lake Service Plaza, Milepost 263, Building 5315
Ocoee, Florida 34761
Telephone: 407-264-3995
Email: gail.brown@dot.state.fl.us

Internal tracking number, if any: SS-DOT-17/18-8003-GB

Date posted: September 25, 2017

Last day for receipt of information: October 04, 2017 5PM

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 seven (7) business days.

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

81112200 Software Maintenance and Support

Quantity or Term (as appropriate):

Execution through 12/31/2019

Requestor (division, bureau, office, individual, as appropriate):

William C. Wood
Deputy Director
Toll Systems Facilities and Equipment
Florida's Turnpike, Milepost 263
Turkey Lake Service Plaza, Building 5315
Ocoee, Florida 34761

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):

The Florida Department of Transportation, Florida's Turnpike Enterprise, an executive agency of the State of Florida, desires to enter into a Single Source Contract with the Granting Party, Q-Free to procure a one-time algorithm tuning and two years of Intrada™ OCR engine software and support services. Since the launch of electronic tolling, Florida's Turnpike Enterprise (FTE) has installed cameras in lane systems to capture toll violator license plate information. The continued deployment of AET (All Electronic Tolling) and express lanes have increased the reliance on image based technologies. Florida's Turnpike Enterprise (FTE) maintains and operates 651 SunPass® toll lanes, generating 833 million transactions annually across the state of Florida. Currently 11% or

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95 million transactions annually are image based. The volume of images FTE must translate into useable plate information necessitates automation of the process. Accuracy and efficiency in our Intrada™ OCR (Optical Character Recognition) system has become a business-critical technology. For a toll agency, there are two main components to the Intrada™ OCR engine. First, is the hardware component that supports OCR and second, is the actual OCR engine, i.e., software application.

Intended Source (Vendor, contractor):

AR Technology, Inc. / Dacolian USA
8485 22nd Street, #144
Tucson, Arizona 85710

Estimated Dollar Amount: \$230,000.00

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):

FTE has several different hardware combinations which support the Intrada™ OCR engine / software application. The Intrada™ OCR engine is developed by and supported by the same Vendor (Q-Free). Variations in hardware require different Intrada™ OCR engine versions, and currently FTE maintains two versions of the Intrada™ OCR engine. FTE receives updates to the engine on an as needed basis, which averages once per year. The tuning effort is not a single task; it must be updated over time. As new character syntaxes are introduced into the license plate population, the Intrada™ OCR engine changes to accommodate them. The Intrada™ OCR engine is tightly tuned where valid characters are limited to specific locations, this is a strategy to improve accuracy and performance. The Intrada™ OCR engines are highly tuned to meet rigorous performance standards. The goal is to reduce human review to the greatest extent possible. At FTE, our performance requirements are that 70% or greater of the Intrada™ OCR reads, must have a confidence level that exceeds that of a human, to complete the same task without error in 2000 repetitions; only Intrada™ OCR reads that meet this confidence, bypass human review. With 833 million transactions annually, accuracy and automation are of the utmost importance at FTE, and periodic retuning is necessary to maintain financial performance.

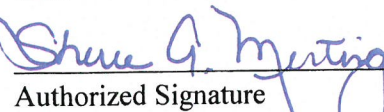
The Q-Free Intrada™ OCR engine is a sole source application. FTE will continue to require OCR tuning on the OCR engine. The engine is proprietary to Q-Free who holds the IP (Intellectual Property) license thereto. This proposed single source agreement provides for the necessary software services required to maintain support of the FTE Intrada™ OCR infrastructure.

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

Procurement Office:

Sheree A. Merting
Print Name

Contractual Services Administrator
Title


Authorized Signature

Central Office Legal Review:

Sonya Daws
Print Name

Deputy General Counsel
Title


Authorized Signature

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Legal review by the Deputy General Counsel is required prior to posting. Please coordinate with District Legal Counsel prior to submission to the Deputy 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.