



MEMORANDUM

ADDENDUM NO. 1

Date: August 08, 2019

To: Bidders

From: Gail Brown
Contract Analyst II
Florida's Turnpike Enterprise

Subject: DOT-ITB-20-8001-GB
Dynamic (Short Term) Automated Queue Warning System

Bidders and other interested parties are informed that the above referenced document is hereby revised, changed and supplemented as set forth below:

1. The Advertisement Section, Page 1 has been amended to revise the following:
 - The bid due date has been changed from August 21, 2019 2:30pm to September 10, 2019 2:30pm.
 - Sub-section 4.1.D has been added to include additional language and the link to the product evaluation site.
 - The last sentence of sub-section 4.1 was bolded to emphasize the importance.
2. The Invitation To Bid Registration Form has been amended to revise the bid due date from August 21, 2019 2:30pm to September 10, 2019 2:30pm.
3. The Introduction Section, Page SC2, Section 2 Timeline has been amended to revise the following:
 - The Deadline for Technical Questions has been changed from August 9, 2019 5:00pm to August 20, 2019 5:00pm.
 - The Bid Due (On or Before) date has been changed from August 21, 2019 2:30pm to September 10, 2019 2:30pm.
 - The Public Opening date has been changed from August 21, 2019 2:30pm to September 10, 2019 2:30 pm.
 - The Posting of the Intended Decision/Award has been changed from August 27, 2019 5:00pm through August 30, 2019 5:00pm to September 17, 2019 5:00pm through September 20, 2019 5:00pm.

4. The Special Conditions, Page SC5, has been amended to add the following:
 - Sub-section 9.1.1.D has been added to include additional language and the link to the product evaluation site.
 - The last sentence of sub-section 9.1.1 was bolded to emphasize the importance.
5. Exhibit “A,” Scope of Services, Page A-3, has been amended to add the following:
 - Sub-section 4.1.D has been added to include additional language and the link to the product evaluation site.
 - The last sentence of sub-section 4.1 was bolded to emphasize the importance.
6. Attachment “A,” Dynamic Automated Queue Warning (DAQW) System Type 1 Plan Layout (Typical) has been amended to remove the brand name Speed-Mac from the specifications.

Please remove the Advertisement Page 1, Invitation to Bid Registration Form, Introduction Section Page SC2, Special Conditions Page SC5, Scope of Services, Page A-3, Attachment “A,” Dynamic Automated Queue Warning (DAQW) System Type 1 Plan Layout (Typical) and replace them with the attached revised Advertisement Page 1, Invitation to Bid Registration Form, Introduction Section Page SC2, Special Conditions Page SC5, Scope of Services, Page A-3, Attachment “A,” Dynamic Automated Queue Warning (DAQW) System Type 1 Plan Layout (Typical) dated August 8, 2019.

ACKNOWLEDGEMENT OF RECEIPT

The Bidder shall acknowledge receipt of each addenda to this Invitation To Bid by completing Form No. 5, Addenda Acknowledgement Form (included with the bid package) and enclosing the same with your bid response.

Failure to file a protest within the time prescribed in Section 120.57(3), Florida Statutes, or failure to post the bond or other security required by law within the time allowed for filing a bond shall constitute a waiver of proceedings under Chapter 120, Florida Statutes.

ADVERTISEMENT
INVITATION TO BID
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
FLORIDA'S TURNPIKE ENTERPRISE

Sealed Invitation to Bid Packages will be received by the State of Florida, Department of Transportation, Florida's Turnpike Enterprise, Contractual Services Office, Building 5315 on Florida's Turnpike, Milepost 263.0, Turkey Lake Service Plaza, Ocoee, Florida, 34761, until **2:30 P.M. (local time) on Tuesday, September 10, 2019** for this project.

BID NO.: DOT-ITB-20-8001-GB

SCOPE OF SERVICES: The Florida Department of Transportation, Florida's Turnpike Enterprise (hereinafter referred to as the "Department") under this Contract seeks a vendor to provide a six (6) month service and evaluation period of a portable Dynamic Automated Queue Warning (DAQW) system including furnishing, installing, configuring, setup, maintenance and operation. Services shall coincide with an adjacent milling and resurfacing (M&R) construction contract, Financial Project Identification Number (FPID) 437992.

Vendor's Qualifications:

The Vendor shall maintain and keep in force throughout the life of the Contract, renewals, and extensions, the requirements specified below. Failure of the Vendor to comply with these requirements shall be sufficient grounds for the Department to declare the Vendor in default pursuant to the terms of Section 6, Termination and Default, of the Standard Written Agreement.

4.1 Permit/Product Approval, License/Certification and Registration:

- A. In accordance with Chapter 489 Florida Statutes, and the Florida Department of Business and Professional Regulation, the Vendor shall be currently licensed and hold a certification or registration under the respective trade category for the specified work to be performed under this Contract.
- B. The Vendor's DAQW system shall be approved and listed on the Florida Department of Transportation Approved Product List at <https://fdotwp1.dot.state.fl.us/ApprovedProductList/Specifications>

OR

- C. The Vendor shall provide to the Department a copy of the Traffic Control Device Permit approval from the Florida Department of Transportation Traffic Engineering and Research Laboratory.
- D. Information regarding the product evaluation process can be obtained from the Florida Department of Transportation Product Evaluation Site at <https://www.fdot.gov/programmanagement/ProductEvaluation>. Allow sufficient time for product evaluation and permit approval.

A copy of the above required permit or product approval, license and/or certifications for this Contract shall be included with the Vendor's bid package.

4.2 Business Location:

The Vendor shall have a current and valid Business Tax Receipt which states the name of the Vendor, street address of the business where all the work covered under the Contract will be handled, and the type of work that the Business Tax Receipt is issued for (which must be for the same type of services required in the Contract). If awarded the Contract, the Vendor shall be required to provide the Department verification of a Business Tax Receipt in the county the services are being provided (Martin County) prior to Contract execution.

State of Florida
Department of Transportation
Florida's Turnpike Enterprise
P.O. Box 613069
Ocoee, Florida 34761-3069

INVITATION TO BID REGISTRATION

PLEASE COMPLETE AND RETURN THIS FORM

E-MAIL: Gail Brown at gail.brown@dot.state.fl.us or **FAX:** (407) 264-3058

Bid Number: DOT-ITB-20-8001-GB

Title: Dynamic (Short Term) Automated Queue Warning (DAQW) System - Florida's Turnpike Enterprise

Bid Due Date & Time (On or Before): Tuesday, September 10, 2019 2:30pm

Potential bidders should notify our office by returning this Bid Registration Form as soon as possible after downloading. Complete the information below and fax or e-mail *this sheet only* to the Florida Department of Transportation Procurement Office at (407) 264-3058 or gail.brown@dot.state.fl.us.

THE INVITATION TO BID DOCUMENT YOU RECEIVED IS SUBJECT TO CHANGE. Notice of changes (Addenda), will be posted on the Florida Vendor Bid System at:

http://www.myflorida.com/apps/vbs/vbs_main_menu

**Under "Vendor Bid System" Click on "Search Advertisements"
Click on the Drop menu for Agency and Select "Department of Transportation"
Scroll down and Click on "Advertisement Search"
Locate the "ITB" number.**

It is the responsibility of all potential bidders to monitor this site for any changing information prior to submitting your bid.

Company Name: _____

Address: _____

City, State, Zip: _____

Telephone: _____ Fax Number: _____

Contact Person: _____

Internet E-Mail Address: _____

For further information on this process, e-mail or telephone: Gail Brown (407) 264-3995, or e-mail to gail.brown@dot.state.fl.us.

INTRODUCTION SECTION

1) INVITATION

The State of Florida Department of Transportation (hereinafter referred to as the "Department") is soliciting written bids from qualified bidders to establish a contract to provide a six (6) month service and evaluation period of a portable Dynamic Automated Queue Warning (DAQW) system including furnishing, installing, configuring, setup, maintenance and operation. The implementation of the DAQW system will coincide with Financial Project Identification (FPID) 437992, a milling and resurfacing (M&R) project located in Martin County, Florida Mainline (SR-91) from Milepost 117.843 to Milepost 138.037. The Contract will be in effect for six (6) months after the Department's issuance of a Notice to Proceed (NTP).

For the purpose of this document, the term "bidder" means the bidder acting on their own behalf and those individuals, partnerships, firms, or corporations comprising the bidder team. The term "bid package" means the complete response of the bidder to the Invitation to Bid, including properly completed forms and supporting documentation. After the award, said bidder will be referred to as the "Vendor."

2) TIMELINE

Provided below is a list of critical dates and actions. These dates are subject to change. Notices of changes (Addenda) will be posted on the Florida Vendor Bid System at http://www.myflorida.com/apps/vbs/vbs_www.main_menu, (Under "Vendor Bid System," Click on "Search Advertisements," Select the drop down menu for "Agency" and Select "Department of Transportation," Scroll down and Click on "Advertisement Search," under this ITB number). It is the responsibility of all potential bidders to monitor this site for any changing information prior to submitting your bid.

<u>ACTION / LOCATION</u>	<u>DATE</u>	<u>LOCAL TIME</u>
A PRE-BID CONFERENCE WILL NOT BE HELD		
DEADLINE FOR TECHNICAL QUESTIONS <i>There is no deadline for administrative questions.</i>	08/20/2019	05:00 PM
BIDS DUE (ON OR BEFORE) (See Notes 1 & 2) Florida's Turnpike, MP 263 Turkey Lake Service Plaza, Bldg. 5315, Room 2167 Ocoee, Florida 34761	09/10/2019	02:30 PM
PUBLIC OPENING (See Notes 1 & 2) Florida's Turnpike, MP 263 Turkey Lake Service Plaza, Bldg. 5315, Room 2167 Ocoee, Florida 34761	09/10/2019	02:30 PM
POSTING OF INTENDED DECISION/AWARD	09/17/2019 05:00 PM THROUGH 09/20/2019 05:00 PM	

(Note 1: All meetings listed above are open to the public).

(Note 2: It is the bidder's responsibility to assure that the bid is delivered to the proper place on or before the bid due date and time. Bids which for any reason are not so delivered will not be considered).

3) BID OPENING AGENDA

The sealed bids will be opened by the Department's Procurement Office personnel at the date, time and location in the Timeline. All bid openings are open to the public and will be conducted according to the following agenda:

7) INTENDED AWARD

The Department intends to award this Contract to the responsive and responsible bidder that submits the lowest responsive bid. If the Department is confronted with identical pricing or scoring from multiple vendors, the Department shall determine the order of award using the following criteria, in the order of preference listed below (from highest priority to lowest priority):

1. Section 295.187(4), Florida Statutes; Veteran Business Enterprise
2. Section 287.087, Florida Statute; Drug Free Work Place
3. Section 287.057(11), Minority Business Enterprise

In the event that the application of the above referenced preferences does not resolve the identical replies, the Department shall determine the award by means of random drawing.

8) PRE-BID CONFERENCE

A Pre-Bid Conference will not be held.

9) QUALIFICATIONS

9.1 GENERAL

The Vendor shall maintain and keep in force throughout the life of the Contract, renewals, and extensions, the requirements specified below. Failure of the Vendor to comply with these requirements shall be sufficient grounds for the Department to declare the Vendor in default pursuant to the terms of Section 6, Termination and Default, of the Standard Written Agreement.

9.1.1 Permit/Product Approval, License/Certification and Registration:

- A. In accordance with Chapter 489 Florida Statutes, and the Florida Department of Business and Professional Regulation, the Vendor shall be currently licensed and hold a certification or registration under the respective trade category for the specified work to be performed under this Contract.
- B. The Vendor's DAQW system shall be approved and listed on the Florida Department of Transportation Approved Product List at <https://fdotwp1.dot.state.fl.us/ApprovedProductList/Specifications>

OR

- C. The Vendor shall provide to the Department a copy of the Traffic Control Device Permit approval from the Florida Department of Transportation Traffic Engineering and Research Laboratory.
- D. Information regarding the product evaluation process can be obtained from the Florida Department of Transportation Product Evaluation Site at <https://www.fdot.gov/programmanagement/ProductEvaluation>. Allow sufficient time for product evaluation and permit approval.

A copy of the above required permit or product approval, license and/or certifications for this Contract shall be included with the Vendor's bid package.

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9.1.2 Business Location:

The Vendor shall have a current and valid Business Tax Receipt which states the name of the Vendor, street address of the business where all the work covered under the Contract will be handled, and the type of work that the Business Tax Receipt is issued for (which must be for the same type of services required in the Contract). If awarded the Contract, the Vendor shall be required to provide the Department verification of a Business Tax Receipt in the county the services are being provided (Martin County) prior to Contract execution.

OR

C. The Vendor shall provide a copy of the Traffic Control Device Permit approval from the Florida Department of Transportation Traffic Engineering and Research Laboratory.

D. Information regarding the product evaluation process can be obtained from the Florida Department of Transportation Product Evaluation Site at <https://www.fdot.gov/programmanagement/ProductEvaluation>. Allow sufficient time for product evaluation and permit approval.

A copy of the above required permit or product approval, license and/or certifications for this Contract shall be included with the Vendor's bid package.

4.2 Business Location:

The Vendor shall have a current and valid Business Tax Receipt which states the name of the Vendor, street address of the business where all the work covered under the Contract will be handled, and the type of work that the Business Tax Receipt is issued for (which must be for the same type of services required in the Contract). If awarded the Contract, the Vendor shall be required to provide the Department verification of a Business Tax Receipt in the county the services are being provided (Martin County) prior to Contract execution.

4.3 Certification of Experience:

- A. The organized business enterprise (e.g. corporation, LLC or sole proprietorship) shall have been licensed and actively involved in the type of business requested in the scope of services for this Contract for a minimum of three (3) years.
- B. The Vendor shall provide references for five (5) or more similar type projects and have a total of three (3) years' experience in the deployment and maintenance of similar type systems for approval by the Department. References shall include project details, owner and employee responsible for the system, and contact information (Name, Agency, Title, Phone & Email). Submit the Certificate of Experience Documentation Form 1 with the bid package.
- C. The Vendor must be approved before the Vendor can deploy the DAQW system. The DAQW system must be deployed in advance of any construction activity that negatively impacts traffic flows worse than existing conditions prior to construction.

The Department will carefully review to determine if the Vendor is responsive, responsible and qualified in the area of work contemplated by this Contract.

4.4 System User List:

The Vendor shall provide to the Department, within ten (10) days of the NTP a user list including Names, Agency, Phone, Email and Users Status (VIEWER or OPERATOR). All system users shall access the DAQW system via a password protected login. The DAQW system shall log all actions by all users.

5.0 Work Schedule:

Due to the nature of the MOT phasing, as well as lane closure restrictions, the Department anticipates daily setups, adjustments or other maintenance shall be required. The Vendor shall perform all work unless otherwise approved by the Department's Project/Contract Manager, strictly between the hours of 10:00 PM to 6:00 AM, Sunday through Thursday Night, which will comprise the active work zone timeframes for evaluation purposes. The Vendor will not be entitled to any compensation for work performed outside the regular work hours unless approved in advance by the Department.



ATTACHMENT "A" DYNAMIC AUTOMATED QUEUE WARNING (DAQW) SYSTEM TYPE 1 Plan Layout (Typical)

Intelligent Portable Changeable Message Sign
PCMS w/Sensor & Modem (3.0-3.5 mi b4 WZ)

AUTOMATED QUEUE WARNING SYSTEM

EQUIPMENT * 4 Portable Traffic Sensors

* 1 Intelligent PCMS + Doppler

SYSTEM * Web-Based Remote Queue
Warning Server

Portable Traffic Sensors (Qty=4)
0.1, 0.5, (1.0-1.5) & (2.0-2.5) before Taper

SYSTEM LOGIC:

APPROACH SPEEDS AT SENSOR(S)

SLOW TRAFFIC: Avg Speeds < 45 mph

- CAUTION SLOW TRAFFIC - X MILES AHEAD

STOPPED TRAFFIC: Avg Speeds < 20 mph

- CAUTION STOPPED TRAFFIC - X MILES AHEAD

APPROACH SPEEDS AT PCMS

FREE FLOW:

WORKZONE 3 MILES AHEAD

MAX QUEUE ALERT: Avg Speeds <45 mph

- Send Auto Alert via Email to Project Personnel
- Consider moving PCMS further upstream
- Consider adding another Sensor upstream (spaced approximately 1.0 mile +/-)

NOTE: Only use on roads with ≤ 3 lanes.
White covers shall be utilized in lieu of amber,
amber/orange is not allowed.

