



**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

**REQUEST FOR INFORMATION
FOR
INTELLIGENT TRANSPORTATION SYSTEMS (ITS) VIDEO ANALYTICS
SOFTWARE**

**RFI # 40100-26220
July 22, 2020**

1. STATEMENT OF PURPOSE:

The State of Tennessee, Department of Transportation issues this Request for Information (“RFI”) for the purpose of understanding availability and capabilities of a video analytics software for Intelligent Transportation Systems (ITS). We appreciate your input and participation in this process.

2. BACKGROUND:

The State of Tennessee currently utilizes Radar Detection Systems (RDS) and Closed-Circuit Television (CCTV) Cameras to gather roadway data and assist Traffic Management Center (TMC) Operators with traffic management.

The State is interested in implementing a video analytics software to gather real-time traffic data, improve motorist safety, and increase the efficiency of regional traffic management strategies. We are unaware of all capabilities available; however, some requirements for the solution are highlighted below.

- Detect objects in the roadway and vehicles stopped on the highway
- Wrong way detection
- Analysis of speed, length, and vehicle type
- Vehicle count
- Congestion monitoring and incident detection
- Alert TMC Operators to congestion levels
- Disaster management
- Integration with current TMC software
- Ability to integrate with future Dedicated Short-Range Communications (DSRC) broadcast messages and automated Dynamic Message Signs (DMS) messages

3. COMMUNICATIONS:

3.1. Please submit your written response to this RFI to:

Jennifer Garrison
Tennessee Department of Transportation
615-532-8165
Jennifer.Garrison@tn.gov

3.2. Please feel free to contact the Department of Transportation with any questions regarding this RFI. The main point of contact will be:

Said El Said, P.E.
ITS Project Manager
Tennessee Department of Transportation
505 Deaderick Street, 18th Floor
Nashville, TN 37243
Phone: 615-253-0053
*Email: said.elsaid@tn.gov

Alternative Contact:
Eric Flora, P.E.
Tennessee Department of Transportation
505 Deaderick Street, 18th Floor
Nashville, TN 37243
Phone: 615-253-1683
*Email: eric.flora@tn.gov

**Note: If you submit questions via email, please include the email address for both contacts listed above.*

3.3. Please reference RFI # 40100-26220 with all communications to this RFI.

4. RFI SCHEDULE OF EVENTS:

EVENT		TIME (Central Time Zone)	DATE (all dates are State business days)
1.	RFI Issued		July 22, 2020
2.	RFI Response Deadline	2:00 p.m.	August 7, 2020
3.	State Schedules Demos and Presentations		August 14, 2020
4.	Hold Demos and Presentations* *Presentations will be scheduled via WebEx by the State.	TBD	August 27, 2020

5. GENERAL INFORMATION:

- 5.1. Please note that responding to this RFI is not a prerequisite for responding to any future solicitations related to this project and a response to this RFI will not create any contract rights. Responses to this RFI will become property of the State.
- 5.2. The information gathered during this RFI is part of an ongoing procurement. In order to prevent an unfair advantage among potential respondents, the RFI responses will not be available until after the completion of evaluation of any responses, proposals, or bids resulting from a Request for Qualifications, Request for Proposals, Invitation to Bid or other procurement method. In the event that the state chooses not to go further in the procurement process and responses are never evaluated, the responses to the procurement including the responses to the RFI, will be considered confidential by the State.
- 5.3. The RFI Coordinator will invite each Respondent, who is apparently responsive and responsible, to make an oral presentation or provide a demonstration of relevant functionality.
 - 5.3.1. The RFI Coordinator will schedule Respondent presentations during the period indicated by the RFI Section 4, Schedule of Events. The RFI Coordinator will make every effort to accommodate each Respondent's schedules. When the Respondent presentation schedule has been determined, the RFI Coordinator will contact Respondents with the relevant information as indicated by RFI Section 4, Schedule of Events. A webex style presentation will be allowed.
 - 5.3.2. Oral presentations and demonstrations provide an opportunity for Respondents to explain and clarify their responses. Respondent pricing shall not be discussed during oral presentations.
 - 5.3.3. RFI Responses become property of the State and shall remain confidential, unless a formal solicitation is completed. If a formal solicitation is completed, all RFI response material will become part of the procurement file and will be available for public inspection.
- 5.4. The State will not pay for any costs associated with responding to this RFI.

6. INFORMATIONAL FORMS:

The State is requesting the following information from all interested parties. Please fill out the following forms:

RFI #40100-26220

TECHNICAL INFORMATIONAL FORM

1. RESPONDENT LEGAL ENTITY NAME:

2. RESPONDENT CONTACT PERSON:

Name, Title:

Address:

Phone Number:

Email:

3. BRIEF DESCRIPTION OF EXPERIENCE PROVIDING SIMILAR SCOPE OF SERVICES/PRODUCTS.

4. HAVE YOU IMPLEMENTED THIS TYPE OF SOLUTION FOR ANY GOVERNMENT ENTITY OR QUASI-GOVERNMENTAL ENTITY AT THE STATE OR LOCAL LEVEL?

5. PLEASE STATE THE NUMBER OF PUBLIC SECTOR ENTITIES THAT HAVE IMPLEMENTED YOUR SOLUTION.

6. WHAT TYPE OF SOLUTION WOULD YOUR COMPANY BE ABLE TO PROPOSE OR BUILD FROM SCRATCH?

7. WHAT POTENTIAL PROBLEMS OR RISKS DO YOU SEE WITH A SOLUTION BEING IMPLEMENTED?

8. WOULD YOUR COMPANY BE INTERESTED IN RESPONDING TO A FUTURE SOLICITATION?

COST INFORMATIONAL FORM

1. DESCRIBE WHAT PRICING UNITS YOU TYPICALLY UTILIZE FOR SIMILAR SERVICES OR GOODS (E.G., PER HOUR, EACH, ETC.):

2. DESCRIBE THE TYPICAL PRICE RANGE FOR SIMILAR SERVICES OR GOODS.

ADDITIONAL CONSIDERATIONS

1. PLEASE PROVIDE INPUT ON ALTERNATIVE APPROACHES OR ADDITIONAL THINGS TO CONSIDER THAT MIGHT BENEFIT THE STATE: