



STATE OF NEW YORK  
DEPARTMENT OF TRANSPORTATION  
50 Wolf Road 1<sup>st</sup> Floor  
Albany, New York 12232  
<http://www.nysdot.gov>

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GOVERNOR

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**NEW YORK STATE DEPARTMENT OF TRANSPORTATION**

**REQUEST FOR INFORMATION: ANNOUNCEMENT**

**COMMERCIAL VEHICLE INFRASTRUCTURE INTEGRATION PROGRAM**

July 30, 2007

To All Interested Entities:

Please be advised that the New York State Department of Transportation has released a **Request For Information** to gather Expressions of Interest from Entities interested in the Department's Commercial Vehicle Infrastructure Integration Program. All the information necessary for the submission of Expressions of Interest are attached

Please note that the **deadline** for the submission of Expressions of Interests is **August 31, 2007**. Any questions regarding this project or proposal should be directed to Mr. Al Hasenkopf of the Office of Contract Management (518) 457-2600 or via e-mail: [ahasenkopf@dot.state.ny.us](mailto:ahasenkopf@dot.state.ny.us)

We look forward to the receipt of your Expressions of Interest. Thank you.

Sincerely,

WILLIAM A. HOWE,  
Acting Director  
Office of Contract Management

Attachment

# **NEW YORK STATE DEPARTMENT OF TRANSPORTATION**

## **Commercial Vehicle Infrastructure Integration Program**

### **Request For Information**

The New York State Department of Transportation hereby issues this "Request for Information" to determine interest with respect to the Department's Commercial Vehicle Infrastructure Integration (CVII) Program.

NOTE: This is NOT a Request For Proposals.

The Commercial Vehicle Infrastructure Program is a Research & Development project the Department is piloting in concert with the New York State Thruway Authority, the I-95 Corridor Coalition, USDOT, and other partners. This RFI is being conducted by NYSDOT's Office of Contract Management, on behalf of NYSDOT's Office of Safety & Security Services.

The Department is seeking Expressions of Interest from Entities interested in the Department's CVII Program. Specifically, we would like to hear from Entities interested with assisting the Department to develop, test and demonstrate the necessary and appropriate commercial vehicle on-board equipment (OBE) and software for integration with the ongoing United States Department of Transportation's (USDOT) Vehicle Infrastructure Integration (VII) Initiative.

It is intended that the Department's CVII Program will develop, test and demonstrate commercial vehicle based data communication with the VII roadside equipment (RSE) currently under development by USDOT. The Department and its partners desire to leverage the existing light vehicle based VII technology development to enhance commercial vehicle safety, security and mobility by partnering with one or more Entity to develop, test and demonstrate a prototype system that utilizes the VII architecture and system requirements as well as the SAE J1708 vehicle data bus and the standard message sets SAE J1587, SAE J1939 and SAE 2735.

Interested and experienced Entities are invited to submit a brief response to the Department's Office of Contract Management for the purpose of informing the Department and its partners as to the high level design, conceptual requirements and considerations, and any other related issues involved in:

- 1) Development, testing and demonstration of commercial vehicle in-vehicle hardware and software to allow data message sets (DMS) to be wirelessly transmitted via dedicated short range communication (DSRC) provided by others consistent and compatible with the VII architecture and standards, including the 802.11p 5.9 GHz radio and IEEE standards;
- 2) Testing of the communication of the commercial vehicle DMS to the VII 5.9GHz roadside infrastructure and the VII network being developed by USDOT for interface with VII system applications being developed by others;
- 3) Development and testing of the communication of specific DMS which include driver identification and validation including but not necessarily limited to using Transportation Workers Identification Card (TWIC) and biometrics;
- 4) Development and testing the communication of specific DMS which include vehicle based safety data including but not limited to Vehicle Identification Number (VIN), USDOT number, vehicle position, brake status, light status, tire pressure and any other desirable safety based information.

The primary objective of the Department's CVII Program is to leverage, expand and supplement the ongoing research, development and testing of 5.9 GHz DSRC based light vehicle VII program to include and be compatible with heavy commercial vehicles and to demonstrate the "first ever" application of VII technology for commercial vehicles to improve safety, security, mobility and carrier operational benefits.

Additional information on USDOT's VII Initiative is available from the following website: [www.its.dot.gov/vii](http://www.its.dot.gov/vii)

Interested Entities are encouraged to submit a written Expression of Interest of no more than three pages (including a cover letter on company letterhead) characterizing their interest, ideas, high level concepts, design issues and relevant experience. The Department shall invite interested Entities to visit the Department at its Main Offices, 50 Wolf Road, Albany, New York, for further discussions.

Note: This IS NOT a Request For Proposals, but rather an invitation to inform the Department of the current level of interest in NYSDOT's CVII Program. Information obtained may be used to develop a needs requirement upon which future procurement might be based. If further discussion is required or should questions arise, please contact the NYSDOT contact person listed below.  
Thank you.

**Deadline for Receiving Letters of Interest:**

Friday, August 31, 2007

**Mail, E-mail or Fax Letters of Interest To:**

US Mail:

Mr. William A. Howe, Acting Director  
New York State Department of Transportation  
Office of Contract Management  
50 Wolf Road 1<sup>st</sup> Floor  
Albany, NY 12232  
Attention: Mr. Al Hasenkopf NYS CVII RFI  
E-mail: [ahasenkopf@dot.state.ny.us](mailto:ahasenkopf@dot.state.ny.us)  
Fax: 518.457.8475

**NYS DOT Contact Person:**

Mr. Al Hasenkopf, Senior Transportation Analyst  
New York State Department of Transportation  
Office of Contract Management  
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