

## STATE OF CONNECTICUT

RFI-#09ITZ0035

Office of Statewide Emergency Telecommunications (OSET)

Request for Information

Broadband Internet Access Mapping

**Issue Date:**

June 12, 2009

**Question Deadline Date:**

July 10, 2009, @ 5:00 P.M. EST

**Response Deadline:**

September 4, 2009, @ 2:00 P.M. EST

**Issued by:**

Department of Information Technology on Behalf of  
Department of Office of Statewide Emergency Telecommunications (OSET)  
101 East River Drive  
East Hartford, CT 06108

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## 1. REQUIREMENTS AND DEADLINES FOR QUESTIONS AND RESPONSES

This Request for Information (RFI) outlines the information being solicited from vendors and includes guidelines for content and format of responses. From this RFI's issuance date of **June 12, 2009**, vendors choosing to respond will have **four weeks** to respond with questions and **twelve weeks** to submit their completed written responses. Responses must be submitted no later than 2:00 pm EST on **September 4, 2009**

All questions must be in written form, submitted using electronic mail and addressed to

[Daniel.Czaja@po.state.ct.us](mailto:Daniel.Czaja@po.state.ct.us)

**Written questions must be submitted no later than 5:00 pm EST on July 10, 2009**

Late responses may or may not be considered, and the Department of Office of Statewide Emergency Telecommunications (OSET) will determine this. The postal address for RFI responses is:

Daniel Czaja  
State of Connecticut  
Office Of Statewide Emergency Telecommunications  
1111 Country Club Rd.  
Middletown CT 06457

Parties desiring to respond to this RFI must do so in writing, providing one (1) original and four (4) complete copies of the submitted response to the address above. Please include an electronic copy in Word format with the original and each of the written copies. Responses will be reviewed by the agency and, depending on the results of that review, additional information or product/service demonstrations may be requested. No contract will result directly from this RFI. Following the review of submitted information, the Office of Statewide Emergency Telecommunications (OSET) will determine the best course of action. This RFI process is intended to help OSET research a variety of available services so that OSET can determine the best strategy for the State.

## 2. RESPONSES TO RFI

- 2.1 Scope of Responses to this RFI will be used by the State to gather company, service and availability information from vendors with the capability of providing scalable broadband mapping at various levels of service within the State of Connecticut.
- 2.2 No contract will result directly from the RFI process. The responses to this RFI will be used to determine whether an RFP should be issued.

**All RFI responses submitted by vendors will become the property of the State of Connecticut.**

### **3. QUALITY OF RESPONSES**

**3.1** Well-organized and concise responses are encouraged in order to facilitate the State's assessment. Responses must follow the same order as this RFI document and utilize the same section numbering system.

### **3.2 PRODUCT AND SERVICE AVAILABILITY**

The State expects that the system and services described in response to this request for information are generally available as of the date that responses are due. Responders must explain any exceptions.

### **4. BACKGROUND AND SCOPE**

**4.1** The OSET seeks a qualified independent contractor to develop a statewide comprehensive assessment of current broadband service and infrastructure deployment. The assessment must incorporate all information that is necessary in order to satisfy the standards identified in the Broadband Data Improvement Act (PL 110-385), the American Recovery and Reinvestment Act of 2009 (ARRA), and subsequent rules and determinations of the Department of Agriculture – Rural Utilities Service (RUS), Department of Commerce – National Telecommunications and Information Administration (NTIA), and the Federal Communications Commission (FCC) related to those acts that are, or become necessary in order to support the application of any grantee for an award of funds for any grant or loan made available by the ARRA for projects to be completed in Connecticut.

A successful contractor must provide satisfactory services in a timely and cost efficient manner, including, but not limited to the following items:

- Create a geographic statewide inventory of “wired” (i.e. DSL, cable modem, fiber) and “fixed-wireless” high speed internet service to identify where current terrestrial broadband service and infrastructure exists and does not exist at a street-level of detail.
- Provide a GIS-ready dataset suitable for immediate use. The dataset should include various levels of accuracy, coded as to their availability of DSL and/or cable internet, including transmission speeds and levels and types of service.

The OSET is responsible for purchasing, leasing and contracting GIS Database services for the support of the State's need to identify broadband plant. OSET will take the lead role in both this Request for Information (RFI) and, if required, any resulting competitive procurement, working with both the vendor(s) and associated state agencies to ensure available solution is identified, obtained and implemented in the required timeframe.

### **5. DATA SHOULD BE ESRI® COMPATIBLE.1**

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<sup>1</sup> See <http://www.esri.com/>.

## 6. FUTURE NEEDS AND REQUIREMENTS:

- A) OSET intends to use scalable broadband mapping as the primary means for locating broadband plant and infrastructure.
- B) OSET intends to allow other State agencies, such as the Department of Public Safety and the Siting Council, to have access to the mapping data.

## 7. INFORMATION REQUIRED

Each of the following paragraphs in this section should be acknowledged and answered. Thorough answers that address all points are expected. Responses should clearly address both transitional and ongoing issues.

### 7.1 PRODUCT INFORMATION

Responses to this RFI must include the following information relative to the managed Address Point Database, Product Flexibility, Platform, File Structure and Product limitations.

### 7.2 QUESTIONS

- A) Describe the database file type structure and format, as well as release(s) and version(s).
- B) Describe available source(s) of mapping data and those that your company intends to use for this project. Respondents shall provide associated costs for furnishing these datasets.
- C) Can broadband mapping be done at:
  - i. the census tract level? Explain (include estimated cost).
  - ii. the block group level? Explain (include estimated cost).
  - iii. the census block level? Explain (include estimated cost).
  - iv. street segment level? Explain (include estimated cost).
  - v. address point level? Explain (include estimated cost).
- D) Describe address point location type (for example, parcel centroid, building centroid, driveway entrance, mix).
  - i. Define attribute fields used for address point data.
  - ii. Define spatial accuracy for address points.
  - iii. Define spatial projection of address points.
  - iv. Define the number and percentage (0 – 99%) of address points available for Connecticut, each Connecticut county and each Connecticut municipality.
- E) Provide information on types of directories, files and or types of file extensions (TXT).
- F) Identify flexibility of updates and or Database changes.
- G) Define Product Delivery Testing and quality assurance methodology.
- H) Define associated metadata.

- I) Please state usage and or ownership policy broadband service/infrastructure data.

### **7.3 COST**

Respondents shall provide estimated costs to provide the work as described therein.

## **8. FREEDOM OF INFORMATION ACT**

Due regard will be given for the protection of proprietary information contained in all proposals received; however, vendors should be aware that all materials associated with the procurement are subject to the terms of the Freedom of Information Act (FOIA) and all rules, regulations and interpretations resulting therefrom. It will not be sufficient for vendors to merely state in general terms that the proposal is proprietary in nature and, therefore, not subject to release to third parties. Any proposal that makes such a general or overarching claim may be subject to disqualification. Those particular sentences, paragraphs, pages or sections which a vendor believes to be exempt from disclosure under the Act must be specifically identified as such, and any such declaration should indicate the entity which is making the claim of confidentiality regarding its alleged proprietary information.