

**City of Seattle Quarterly Report<sup>1</sup>  
to the Federal Communications Commission  
Public Safety and Homeland Security Bureau  
Regarding Progress in Deployment of a Public Safety LTE Broadband Wireless Network  
July 19, 2010**

**I. Planning**

**Expected timing for development and issuance of any RFI/RFP**

- A. *Expected timing for RFI/RFP*
1. *When will RFI or RFP be issued (any progress or outcome)?*
  2. *If the RFI or RFP has been issued, what is the timing of the response window and the succeeding timing for a decision by the Waiver recipient?*

The City of Seattle issued an RFI on May 27, 2010 as part of preparing its application for Broadband Technology Opportunities Program (BTOP) funding which was due July 1, 2010. The City received responses from four vendors – two LTE equipment manufacturers and two commercial carriers. The vendor responses were used specifically to prepare the City’s BTOP application; however, information contained in those responses will also inform the City’s formal RFP process.

The City anticipates conducting a full RFP process for equipment and services to implement the City of Seattle network after BTOP funding has been approved. The City anticipates conducting the RFP process during 4<sup>th</sup> Q2010 and 1stQ2011.

- B. *What other planning activities have occurred which may increase the potential for timely submissions of FCC deliverables (e.g., meetings with vendors, coordination within the state or, if relevant, any coordination with other neighboring states, communications with public safety officials, narrowband relocation efforts)?*

City of Seattle has had various meetings with LTE equipment manufacturers to develop the City’s Interoperability Showing, due July 19, 2010. The City will submit its showing on that date.

City of Seattle has also been working with public safety agencies within Waiver boundary including Seattle Police Department, Seattle Fire Department, UW Campus Police, KC Sheriff, Port of Seattle and Washington State patrol to identify end user requirements.

City of Seattle has worked with Pierce Transit Authority regarding the cost of moving their narrow band 700 MHz channels to another narrow band channel away from PSST spectrum

The City’s Chief Technology Officer has discussed City of Seattle’s waiver and BTOP application with the State Interoperability Executive Committee (SIEC). The City

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<sup>1</sup> Paragraph 64 of the *Waiver Order* requires the Petitioners to file, in consultation with the PSST, a quarterly status report with the FCC Public Safety and Homeland Security Bureau. The *Waiver Order* requires Quarterly Reports to address Petitioners’ progress in three areas: (1) planning; (2) funding; and (3) deployment.

received letters of in support for its BTOP application from the SEIC and the Governor's Office.

## **II. Funding**

### **Status of efforts to obtain funding for planning and/or deployment, including budgeting, assessments, grants or other means**

*A. Briefly describe any efforts to obtain funding (e.g., BTOP application) for the Project*

The City of Seattle submitted an application for a BTOP grant funding that included a total project cost of \$27.94 million for which the City of Seattle seeks a grant in the amount of \$19.54 million.

*B. Briefly describe Recipient's current funding plan and expected funding timeline*

City of Seattle should have information about its specific funding plan after BTOP grant funds are awarded at the end of September.

## **III. Deployment**

### **Status of equipment development and purchase, including number of devices and users**

*A. Identify any completed efforts at equipment development*

None at this time

*B. Describe any equipment purchases, including types, numbers of devices and who will be the proposed users*

City of Seattle developed an initial list of user devices for its BTOP application. The proposed users will be public safety departments/agencies which operate within the boundary of City the Seattle. We anticipate that there will be changes to the initial list of devices; and expect to have additional information after BTOP grant funds are awarded and the City conducts its RFP process.

### **Site development, including use of existing towers**

*A. How many sites currently exist in the Project area?*

About 200 sites currently exist in the Project area that can be and available for use by the Project.

*B. How many new sites may be needed and will such new builds require additional time for permitting which could delay deployment?*

We do not anticipate requiring a new site that will require additional time for permitting which could delay deployment.

*C. Are there any rights of way issues related to the sites which could pose jurisdictional issues and result in delays?*

City of Seattle does not anticipate any right-of-way issues that could cause delays.

*D. What is the status of site acquisition or development (e.g. number of sites completed and ready for equipment deployment, number in progress, number not yet started)?*

The sites selected for City of Seattle's BTOP application are existing sites. Site-specific ready work to prepare radio sites for deployment has not yet begun.

**Deployments and upgrades (commencement and completion), including site information and location**

*A. Expected construction/deployment timeline*

City of Seattle expects to deploy within the time frame defined within BTOP (substantially complete within two years of when fund are awarded, 100% complete within three years). The City will have additional detail after BTOP grant funds are awarded at the end of September.

*B. Interoperability Showing (Confirm submittal of copy to FCC and PSST)*

City of Seattle will submit an Interoperability Showing to the FCC on July 19, 2010.

*C. Confirm access to all public safety entities in your geographic area (Order para. 54)*

City of Seattle will ensure that all public safety agencies operating within the geographic areas covered by City of Seattle's network will have access to the network.

**Applications in development or in use**

City of Seattle expects to deploy a network that supports the five applications described in paragraph 46 of the waiver order.