

Application for Federal Assistance SF-424

Version 02

* 1. Type of Submission: <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application	* 2. Type of Application: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision	* If Revision, select appropriate letter(s): _____ * Other (Specify) _____
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------

* 3. Date Received: Completed by Grants.gov upon submission. _____	4. Applicant Identifier: _____
------------------------------------------------------------------------------	------------------------------------------

5a. Federal Entity Identifier: _____	* 5b. Federal Award Identifier: _____
------------------------------------------------	-------------------------------------------------

State Use Only:

6. Date Received by State: _____	7. State Application Identifier: _____
-----------------------------------------	-----------------------------------------------

8. APPLICANT INFORMATION:

* a. Legal Name: Commonwealth of Kentucky, Finance Cabinet	
* b. Employer/Taxpayer Identification Number (EIN/TIN): 610600439	* c. Organizational DUNS: 004691551

d. Address:

* Street1:	702 Capital Ave., Room 195
Street2:	_____
* City:	Frankfort
County:	_____
* State:	KY: Kentucky
Province:	_____
* Country:	USA: UNITED STATES
* Zip / Postal Code:	40601

e. Organizational Unit:

Department Name: _____	Division Name: _____
----------------------------------	--------------------------------

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Mr.	* First Name: Derek
Middle Name: _____	
* Last Name: Nesselrode	
Suffix: _____	
Title: Statewide Interoperability Coordinator	

Organizational Affiliation: Commonwealth of Kentucky

* Telephone Number: 502-782-2064	Fax Number: 502-782-2064
* Email: derek.nesselrode@ky.gov	

Application for Federal Assistance SF-424

Version 02

9. Type of Applicant 1: Select Applicant Type:

A: State Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

*** Other (specify):**

*** 10. Name of Federal Agency:**

National Telecommunications and Information Admini

11. Catalog of Federal Domestic Assistance Number:

11.549

CFDA Title:

State and Local Implementation Grant Program

*** 12. Funding Opportunity Number:**

2013-NTIA-SLIGP-01

*** Title:**

State and Local Implementation Grant Program (SLIGP)

13. Competition Identification Number:

2013-NTIA-SLIGP-01

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Statewide

*** 15. Descriptive Title of Applicant's Project:**

Commonwealth of Kentucky Public Safety Broadband Planning Grant

Attach supporting documents as specified in agency instructions.

Application for Federal Assistance SF-424

Version 02

16. Congressional Districts Of:

* a. Applicant

* b. Program/Project

Attach an additional list of Program/Project Congressional Districts if needed.

17. Proposed Project:

* a. Start Date:

* b. End Date:

18. Estimated Funding (\$):

* a. Federal	<input type="text" value="1,852,548.00"/>
* b. Applicant	<input type="text" value="0.00"/>
* c. State	<input type="text" value="463,137.00"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="2,315,685.00"/>

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

- a. This application was made available to the State under the Executive Order 12372 Process for review on
- b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation.)**

Yes No

21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)

** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name:
Middle Name:
* Last Name:
Suffix:

* Title:

* Telephone Number: Fax Number:

* Email:

* Signature of Authorized Representative: * Date Signed:

Application for Federal Assistance SF-424

Version 02

*** Applicant Federal Debt Delinquency Explanation**

The following field should contain an explanation if the Applicant organization is delinquent on any Federal Debt. Maximum number of characters that can be entered is 4,000. Try and avoid extra spaces and carriage returns to maximize the availability of space.

[Empty text input area for Applicant Federal Debt Delinquency Explanation]

Kentucky SLIGP Budget Narrative

Personnel

Federal:	\$112,500
Non-Federal:	\$318,840
Total:	\$431,340

See the Detailed Budget Spreadsheet for calculations

- SWIC (Federal): The SWIC will provide oversight for the SLIGP grant, ensuring that all activities are completed on time and within budget. The SWIC will be the primary point of contact for consultation with FirstNet, and will work to expand the State's governance structure. The budgeted costs (50% time) are only for the duties associated with public safety broadband and the SLIGP grant, not the additional land mobile radio and general interoperable communication duties of the SWIC.
- SWIC Staff Member (Non-Federal): This person will organize meetings with local and tribal jurisdictions, and communicate information about grant activities to key stakeholders. This position will spend 50% of his/her time on SLIGP grant activities. 50% of this employee's salary will be provided as an in-kind match. The source of this match is the State's general fund and is not from another Federal source.
- Project Manager (Non-Federal): This person will provide project and grant management support, including completing progress reports, managing the project's budget, and ensuring grant activities are completed on time. He/She will spend 50% of their time on SLIGP grant activities. 50% of this employee's salary will be provided as an in-kind match. The source of this match is the State's general fund and is not from another Federal source.
- Administrative Support Coordinator (Non-Federal): This person will provide administrative support to the SWIC, SWIC Staff Member and Project Manager including document preparation, processing travel documentation, record keeping, capturing meeting minutes and general administrative work. He/She will spend 50% of their time on SLIGP grant activities. 50% of this employee's salary will be provided as an in-kind match. The source of this match is the State's general fund and is not from another Federal source.
- Meeting Attendance Time (Non-Federal): We will hold KY- Public Safety Broadband meetings monthly, excluding July and December (10 times per year) for the award period. These meetings are attended by representatives of State Government and local jurisdictions. The State will donate the time their staff spends to participate in these meetings as an in-kind match.

The value of the representatives' time is based on an average "salary only" hourly rate not including benefits. The State has discussed this time donation with each agency and will obtain letters of support from each indicating their

pledge to provide this time donation and their understanding of documentation the State will maintain to support the time donations (e.g., salary information for the representatives). The State will establish appropriate procedures to track these time donations in the State's accounting system.

- Pre Award Grant Preparation Time (Non-Federal): State Employees time preparing SLIGP Grant Application packet (salary only). The State will donate the time their staff spends to SLIGP Grant preparation and submission as an in-kind match.

Fringe

Federal:	\$54,000
Non-Federal:	\$144,000
Total:	\$198,000

See the Detailed Budget Spreadsheet for calculations

- SWIC (Federal): Benefits include FICA, unemployment, medical and retirement. This position spends 50% of the time on SLIGP, therefore 50% of the fringe benefits have been allocated to this grant.
- SWIC Staff Member (Non-Federal): Benefits include FICA, unemployment, medical and retirement. This position spends 50% of the time on SLIGP, therefore 50% of fringe benefits have been allocated to this grant. All of this expense will be provided as an in-kind match from the State's general fund, and is not from another Federal source.
- Project Manager (Non-Federal): Benefits include FICA, unemployment, medical and retirement. This position spends 50% of the time on SLIGP, therefore 50% of fringe benefits have been allocated to this grant. All of this expense will be provided as an in-kind match from the State's general fund, and is not from another Federal source.
- Administrative Support Coordinator (Non-Federal): Benefits include FICA, unemployment, medical and retirement. This position spends 50% of the time on SLIGP, therefore 50% of fringe benefits have been allocated to this grant. All of this expense will be provided as an in-kind match from the State's general fund, and is not from another Federal source.

Travel

Federal:	\$165,000
Non-Federal:	\$0
Total:	\$165,000

See the Detailed Budget Spreadsheet for calculations

- Pre Award Travel for 1 Regional Meeting with FirstNet (Federal): Staff will attend regional meeting with FirstNet and share information and collaborate with other

grant recipients from our region. Travel costs include airfare, hotel, per diem and approved expenses for parking, mileage, luggage fees, etc.

- Travel for Regional and National Meetings with FirstNet (Federal): Staff will attend national and regional conferences to meet with FirstNet and share information and collaborate with other grant recipients. Travel costs include airfare, hotel, and per diem.

Equipment

Federal:	\$0
Non-Federal:	\$0
Total:	\$0

No equipment costs for this grant program.

Supplies

Federal:	\$252,298
Non-Federal:	\$297
Total:	\$252,595

See the Detailed Budget Spreadsheet for calculations

- Meeting Facilities (Federal): The State will need to obtain meeting facilities to conduct regional workshops and meetings with local first responders and stakeholders.
- Meals for meeting participants (Federal): Breakfast and Lunch will be provided to those who attend regional meetings and workshops. We anticipate the meetings and workshops to be an entire business day (7:30-4:30).
- Laptops (Federal): The State will purchase new laptops for the SWIC, SWIC Staff Member, Project Manager and Administrative Coordinator for use while on travel and for conducting other grant-related work.
- Pre award Office Supplies (Non-Federal) The State will purchase office supplies for grant preparation to include; thumb drives, printer ink, folders, paper and pens. All of this expense will be provided as an in-kind match from the State's general fund, and is not from another Federal source.

Contractual

Federal:	\$1,268,750
Non-Federal:	\$0
Total:	\$1,268,750

See the Detailed Budget Spreadsheet for calculations

- Website Development and Maintenance (Federal): The State will contract with a website development firm to create and maintain a website for the purpose of public awareness and education on the PSBN. The site would also be used by team, work group, and committee members for reviews and status updates.

- Data Collection (Federal): During Phase 2, the State will contract with a data collection firm to gather information about existing infrastructure, potential users, and other information as requested by FirstNet/NTIA.
- Contracted Consultant (Federal): The State will contract with a consultation firm to assist the SWIC and Kentucky Wireless Interoperability Executive Committee in the development and execution of strategic planning initiatives related to the PSBN. Assist in the creation and execution of education, outreach and awareness of the PSBN. Provide data validation and support to the Commonwealth.

Construction

<i>Federal:</i>	\$0
<i>Non-Federal:</i>	\$0
<i>Total:</i>	\$0

No construction costs for this grant program.

Other

<i>Federal:</i>	\$0
<i>Non-Federal:</i>	\$18,840
<i>Total:</i>	\$18,840

No "other" costs for this grant program.

Indirect

<i>Federal:</i>	\$0
<i>Non-Federal:</i>	\$0
<i>Total:</i>	\$0

No indirect costs for this grant program.

TOTALS

<i>Federal:</i>	\$1,852,548
<i>Non-Federal:</i>	\$463,137
<i>Total:</i>	\$2,315,685

Application for Federal Assistance SF-424

Version 02

*** Applicant Federal Debt Delinquency Explanation**

The following field should contain an explanation if the Applicant organization is delinquent on any Federal Debt. Maximum number of characters that can be entered is 4,000. Try and avoid extra spaces and carriage returns to maximize the availability of space.

State and Local Implementation Grant Program (SLIGP) Supplemental Application Narrative: Response Outline

1) Existing Governance Body

Kentucky Wireless Interoperability Executive Committee

The Kentucky Wireless Interoperability Executive Committee serves as the advisory board for all wireless communications strategies presented by agencies of the Commonwealth and local governments. All State agencies in the Commonwealth shall present all project plans for primary wireless public safety voice or data communications systems for review and recommendation by the committee, and the committee shall forward the plans to the Chief Information Officer for final approval. Local government entities shall present project plans for primary wireless public safety voice or data communications systems for review and recommendation by the Kentucky Wireless Interoperability Executive Committee. The approval process for State and local projects funded by State or Federal funds are exactly the same. The State or local agency application will be submitted to the Public Safety Working Group (PSWG) of the KWIEC and be reviewed for technical validity and compliance of established voice and data standards. The PSWG works with the applicant if needed and sends the final completed application and its recommendations to the KWIEC for final approval decision. In some instances a local agency will submit an application for a system completely funded by local agency funds. These applications are reviewed and recommendations are made based upon feasibility, technical standards and alignment with the SCIP, however the KWIEC has no approval authority over these locally funded projects.

Legislative Authority for Kentucky Wireless Interoperability Executive Committee

In the 2003 General Session of the Kentucky General Assembly, House Bill 309 created the KWIEC made up of state and local members. The purpose and content of HB309 was to include local first responder agencies in the strategic planning process, to adopt a nationally recognized title for the group, and to provide a statutory annual reporting requirement to the Kentucky Legislature.

In an effort to further the mission and objectives of the KWIEC, House Bill 226 was introduced to the 2004 General Session. The legislation with House Committee Substitute was passed and signed into law by Governor Ernie Fletcher and amends KRS 11.5162 to expand the definitions of "frequency," "interoperability," and "standards," create definitions for "public safety shared infrastructure" and "primary wireless public safety voice or data communications systems"; and excludes "911" telephone systems

from the definition of "primary wireless public safety voice or data communications systems."

KWIEC Membership

The Kentucky Wireless Interoperability Executive Committee shall consist of twenty-one (20) members as follows:

- A person knowledgeable in the field of wireless communications appointed by the chief information officer who shall serve as chair;
- The executive director of the Office for Infrastructure Services, Governor's Office for Technology;
- The executive director of Kentucky Educational Television, or the executive director's designee;
- The chief information officer of the Transportation Cabinet;
- The chief information officer of the Justice Cabinet;
- The chief information officer of the Kentucky State Police;
- The commissioner of the Department of Fish and Wildlife Resources, Commerce Cabinet, or the commissioner's designee;
- The chief information officer of the Natural Resources and Environmental Protection Cabinet;
- The director of the Department of Emergency Management, Department of Military Affairs;
- The executive director of the Kentucky Office of Homeland Security;
- The chief information officer, Department for Public Health, Cabinet for Health Services;
- A representative from an institution of postsecondary education appointed by the Governor from a list of three (3) names submitted by the president of the Council on Postsecondary Education;
- The executive director of the Center for Rural Development, or the executive director's designee;
- A representative from a municipal government to be appointed by the Governor from a list of three (3) names submitted by the Kentucky League of Cities;
- A representative from a county government to be appointed by the Governor from a list of three (3) names submitted by the Kentucky Association of Counties;

- A representative from a municipal police department to be appointed by the Governor from a list of three (3) names submitted by the Kentucky Association of Chiefs of Police;
- A representative from a local fire department to be appointed by the Governor from a list of three (3) names submitted by the Kentucky Association of Fire Chiefs;
- A representative from a county sheriff's department to be appointed by the Governor from a list of three (3) names submitted by the Kentucky Sheriffs' Association;
- A representative from a local Emergency Medical Services agency to be appointed by the Governor from a list of three (3) names submitted by the Kentucky Board of Emergency Medical Services;
- A representative from a local 911 dispatch center to be appointed by the Governor from a list of three (3) names submitted by the Kentucky Chapter of the National Emergency Number Association/Association of Public Safety Communications Officials.

The Commonwealth of Kentucky intends to leverage the existing Governance structure of the KWIEC. The KWIEC has extensive experience overseeing the mobile data system deployment, acceptance of Kentucky's public safety mobile data standards and grant funded planning, training and outreach for our existing statewide public safety wireless voice and data network currently in use today. The coordinated efforts of participating state and local public safety agencies and the state CIO make it a logical group to take on this monumental endeavor. Regional expansion of the KWIEC Governance structure will help bolster local support and provide a mechanism for outreach, education and data collection / sharing.

The KWIEC established the KY Public Safety Broadband Working Group on October 28th, 2012 to provide technical support and make recommendations relating to public safety broadband deployment to the KWIEC, The State CIO and the Governor. The working group is chaired by the SWIC and is made up of technical subject matter experts in the wireless telecommunications field from Federal, State and Local Government First responder Agencies. The group has the required experience to consult with industry leaders, consultants and contractors to ensure the appropriate recommendations are made for executive staff. On September 25, 2012 the First meeting of the working group was held. The group reviewed and discussed the presentation of recommendations made by the FCC Technical Advisory Board as well as planning and deployment strategies. The group was also instrumental in the development of our draft KY Broadband Strategic Plan with technical assistance provided by OEC. Since its inception the Public Safety Broadband Working Group has been scheduled to meet monthly with the PSWG to ensure accurate updates of FirstNet activities and planning strategies are provided to the KWIEC at their quarterly meeting. Two additional special meetings were also scheduled to participate in the broadband technical assistance program offered by OEC. The participation rate of meetings is approximately 80%.

The KWIEC is adequately funded for day to day activities and operations. The KWIEC does intend to utilize SLIGP funding to establish Regional Interoperability Groups to strengthen our Governance structure and provide a methodology for planning at the local level, training and outreach. These workshops will serve as public safety awareness and education initiatives workshops as well as planning and data collection workshops.

- **Planning Workshops Outreach and Education Program expenses**

10 regions (3 meetings yr) – Meeting Facilities \$131,250

Breakfast and Lunch for 100 participants -\$114,000

Total \$245,250

2) Statewide Communications Interoperability Plan (SCIP)

The Kentucky SCIP contains long range planning goals for the Public Safety Working Group (PSWG) of the KWIEC to evaluate various technologies and broadband solutions for the purpose of augmenting and eventually replacing the existing statewide IPMobileNet mobile data system. The systems reviewed must provide wireless data over long distances, provide multiple simultaneous accesses, be secure, and allow users to access the system without physically connecting to anything.

The Kentucky wireless broadband initiative includes the testing and deployment of wireless broadband technologies using the existing statewide KEWS digital microwave network.

The proposed solution selected would augment and eventually replace the current IPMobileNET solution as Kentucky's primary public safety data network in metro regions while sustaining the 19.2 system for use as a secondary network in rural areas and the more deeply penetrated areas and as the primary network for public safety agencies outside of the wireless broadband net.

These initiatives were developed prior to the current developments of FirstNet and will need to be evaluated as a part of the planning process and SCIP update workshop scheduled for November 2013.

To date the Commonwealth has focused on the development of a framework methodology for stakeholder engagement. On February 20, 2012 the KWIEC conducted a governance workshop with the support of OEC technical assistance staff to discuss best practices and establish manageable regions in order to provide stakeholder engagement, outreach and education for local governments. The Public Safety Broadband Working

Group has also conducted meetings with OEC contractors to develop the draft framework for the KY Broadband strategic plan awaiting. The funding requested will assist in the completion of this document with local stakeholder input as apart of our outreach efforts.

Commonwealth of Kentucky 2012 *Public Safety Broadband Plan*

Planning Objectives and Methodology

Objectives

Educate State, local, and county decision-makers about public safety broadband technology including explaining the need for broadband, finances, and the importance of ongoing maintenance

Stay abreast of developments in the deployment of the Nationwide Public Safety Broadband Network (NPSBN) and ongoing FirstNet efforts to better align the Kentucky Plan to national level planning

Coordinate with bordering States and other States in the region by participation in the National Council of Statewide Interoperability Coordinators

Establish procurement policies that comply with State and local requirements and codes

Develop formal policies for public safety broadband applications and limits based on FirstNet recommendations and guidelines

Develop policies on data and level of access allowed

Develop policies on level of security for software applications and user access

Incorporate broadband and other emerging technologies into existing Homeland Security Exercise and Evaluation Program (HSEEP) exercises

Ensure data interoperability with bordering States and other States in the region through the transmission and receipt of data using broadband technology

Research the creation of new applications not currently available

Approach and Methodology

The State will survey and interview public safety responders from every county and a sampling of large and small cities, towns to determine public safety broadband.

This survey will include: potential users, expectations for the system/what they want it to do, what resources are currently in use, and who are the potential secondary users The State will conduct a study to determine the minimum requirement for Statewide broadband coverage

The Commonwealth of KY intends to utilize funding as well as leverage SCIP update workshops and Broadband planning assistance offered by OEC to solidify broadband goals, objectives and strategies reflected in the SCIP and KY Broadband Strategic Plan. Both strategic plans require input from all stakeholders involved to make the documents and plan effective. Workshops and planning meetings will be required to complete these tasks. The cost of this initiative is reflected in the price of workshops above (Refer to question 1)

3) State-level Involvement

The Statewide Interoperability Coordinator (SWIC) will act as the Kentucky Project Manager for the State and Local Implementation Grant Program (SLIGP), POC for FirstNet consultation, planning activities and act in an advisory capacity for public safety agencies, KWIEC, COT and the Governors Office. The SWIC and administrative staff will be dedicated to this project.

The Kentucky CIO will be actively involved by virtue of the Chair position of the KWIEC and executive oversight of the KY Finance Cabinet and The Commonwealth Office of Technology. The Commonwealth Office of Technology will be able to provide invaluable technical and administrative resources through the entirety of the planning process and network deployment.

All state agencies represented on the KWIEC will be actively involved in the planning process (see response 1-a).

The Commonwealth of Kentucky will dedicate numerous resources in the form of personnel for the planning process however we anticipate the need for additional personnel resources to complete the planning process as we conceptualize it without the having definitive requirements of the FirstNet consultation process. We would utilize SLIGP funding to dedicate personnel in the form of project management, consultation or additional administrative SWIC staff and personnel. The Commonwealth of Kentucky anticipates that broadband related activities will consume the majority of the SWIC's and dedicated State Employees time during planning and deployment however will not be 100% of their job duties. Accounting payroll templates have been established to charge

broadband related activities from the SWIC and other State Employees and are estimated at 50%.

1) Personnel (State Employees) -

- **Anticipated manpower needs:**

\$75,000yr (50%) - Project Management
\$50,000yr (50%) - Administrative program support
\$75,000 yr (50%) -SWIC support staff
\$75,000 yr (50%) - SWIC
\$9,600- Meeting Attendance Time
\$9,240- Grant Preparation Time

3 year period

\$431,340

The Public Safety Broadband working group has discussed at length the inclusion of utilities, secondary users and public/private partnerships. This process would need to be incorporated into our regional, local outreach and data collection efforts. It is anticipated at this point we would leverage much of the data and contacts previously collected from our KY Office of Broadband statewide mapping and data collection projects.

4) Coordination with Local Government Jurisdictions

The Commonwealth of Kentucky has an estimated population of 4,380,415. Kentucky is composed of 120 counties housing 419 cities and 539 municipalities representing 430 Local Police Departments, 686 local Fire/EMS Departments and 120 County Emergency Management Agencies.

The Commonwealth will leverage its regional interoperability groups to develop stakeholder relationships as part of broadband planning, adoption and utilization, and engaging local stakeholder groups in crafting stakeholder messages to facilitate a successful outreach and communications campaign

The Commonwealth of Kentucky has successfully planned and deployed two major statewide public safety networks. The statewide 254 site, mobile data network currently supports more than 4600 users representing 103 Counties, 364 local first responder agencies, 3 Federal Agencies, The Kentucky State Police and Kentucky Emergency Management. The Kentucky Mutual Aid Interoperability Network is a statewide 112 site voice radio network that supports approximately 865 First responder agencies.

In 2005 The KWIEC received grant funding to establish the “Public Safety Awareness Initiative Program”. The program was a combined outreach effort lead by the KWIEC to engage local stakeholders in our statewide voice and data interoperability efforts.

Our greatest challenge in local stakeholder engagement has been the lack of regional governance structure. The lack of these formalized groups has made it difficult to share and collect information and limited local participation in planning processes. Formalizing these groups will provide a true ground up approach to the planning and implementation of the network, provide a means to coordinate training, meetings and data sharing.

5) Regional Coordination

The KWIEC intends to utilize SLIGP funds to stand up and formalize the proposed Regional Interoperability Groups based upon emergency management regional boundaries. While the KWIEC has local members representing Fire Chiefs Association, Police Chiefs etc. the only organized regional groups with input into the KWIEC are based upon large metropolitan and regional radio networks such as Louisville Metro, Fayette County (Lexington) and our 10 County Chemical Stockpile Emergency Preparedness Program (CSEPP) regional group. We will seek representation from each Federal, State and local government first responder agency that operates within each region. At a minimum the Commonwealth will encourage representation from each County.

Participation and sustainability of any governance body are always a challenge and concern. The Commonwealth intends to leverage existing active groups such as Emergency Management Regions (Incident Management Teams) that have frequent established working relationships to ensure maximum participation and stability.

State procurement law sometimes poses a challenge for timely purchases of large expenditures that may be associated with workshop and meeting venues. Many of these hurdles can be overcome and purchases expedited by taking advantage of existing State price contracts with state parks, conference centers and state owned properties when applicable. Many local agencies have also offered their venues in previous endeavors as well.

The Commonwealth will begin to establish the regions immediately upon award:

Timeline-

- July-Aug. 2013 _____ Coordinate participation list and workshop venues
- Sept-Oct. 2013 _____ Hold Regional Workshops

The Commonwealth plays an active role in the FEMA Region IV RECCWG as well as OEC Region IV. Both groups frequently coordinate efforts for multi state and cross

jurisdictional emergency response. As the northern most state within our region we also frequently coordinate with adjacent region III, V and VII.

The Commonwealth intends to dedicate significant resources to strengthen planning and coordination within our state borders and continues planning and coordination efforts with its surrounding states and regions for cross jurisdictional incidents.

The Commonwealth did not coordinate this application with other states or regions.

6) Tribal Nations

- a) None
- b) N/A
- c) N/A
- d) N/A
- e) N/A

7) Rural Coverage

KENTUCKY DEMOGRAPHICS

Population **4,273,951**
Total area **40,411 square miles**
Households **1,686,618**

Table A

POPULATION BREAKDOWN BY CITY

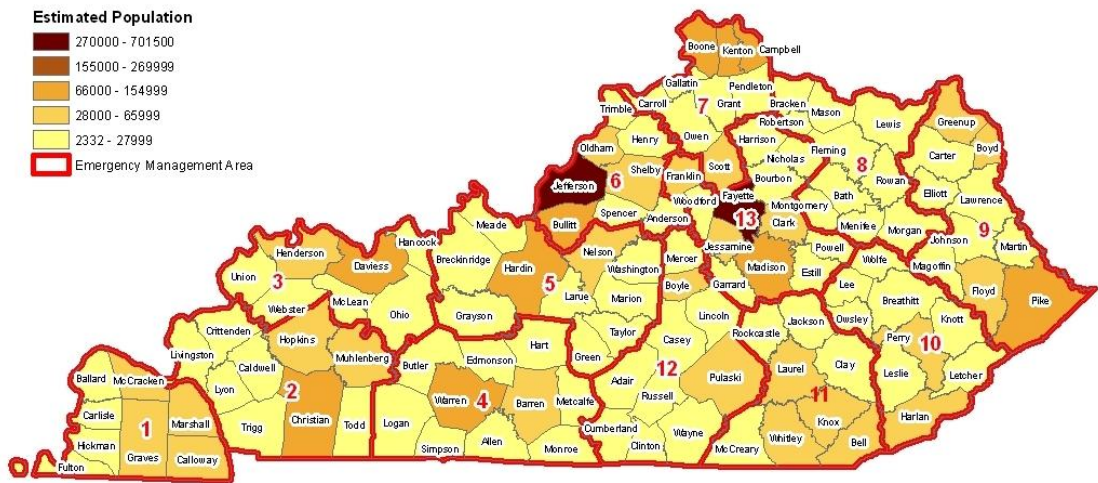
CLASS	POPULATION	CITIES
1	100,000 or more	2
2	20,000 to 99,999	13
3	8,000 to 19,999	18
4	3,000 to 7,999	112
5	1,000 to 2,999	114
6	999 or less	160

Table B

POPULATION BREAKDOWN BY COUNTY

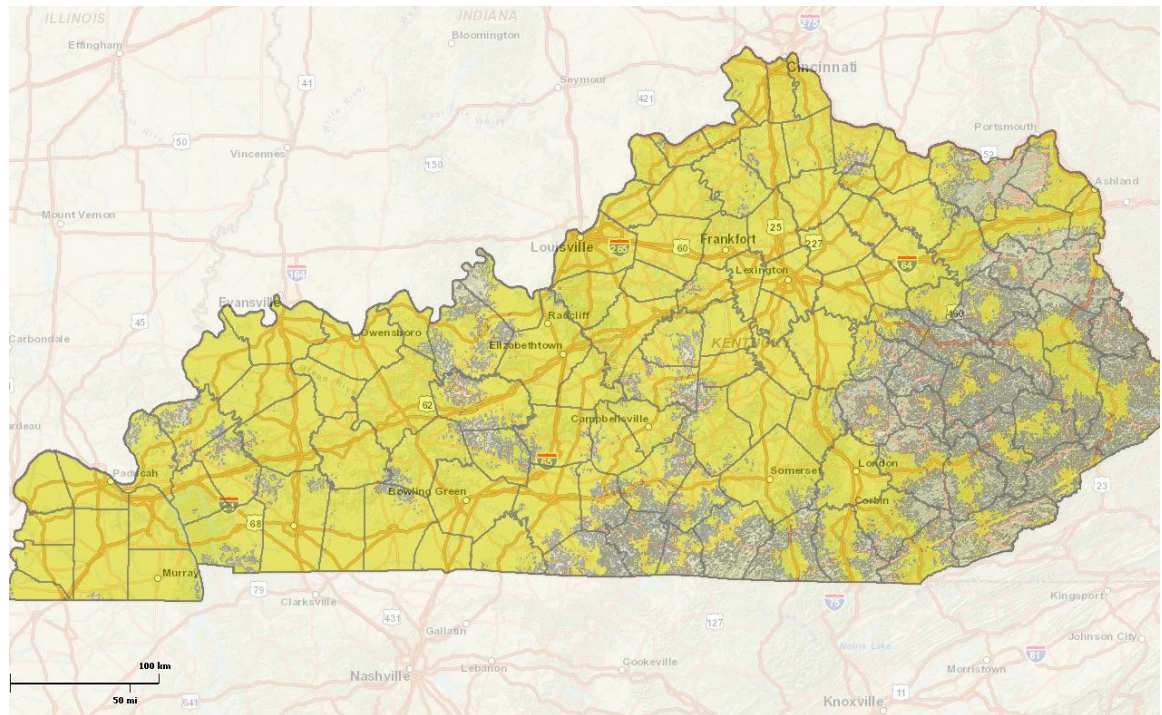
POPULATION	COUNTIES
700,000 or more	1
200,000 to 299,999	1
100,000 to 199,999	3
80,000 to 99,999	3
60,000 to 79,999	5
40,000 to 59,999	12
20,000 to 39,999	30
19,000 to 2,000	25

Distribution of Population (2006)



The Commonwealth of Kentucky is a diverse combination of metropolitan and rural areas. The Area encompassing Lexington, Louisville and the Northern KY / Cincinnati region is commonly referred to as “The Golden triangle” More than 2,250,000 people live within this 12.5% of our land mass. The remaining area is comprised of smaller cities and rural communities.

Available commercial wireless coverage is steadily improving but still lacking in rural areas in the Appalachian region of eastern Kentucky. The map below depicts commercial wireless coverage (3G or 4G LTE). The Commonwealth of Kentucky maintains its statewide 19.2 KB wireless network to provide coverage to first responders in the areas that do not have coverage or can not afford to pay for monthly service costs.



The Commonwealth is committed to ensure its rural community first responder agencies are represented during the planning process and network deployment. The proposed Regional planning methodology will effectively ensure that the vast majority of planning input for the state plan will come from these rural communities. Only 3 of the 10 planning regions contain large metropolitan areas, the remaining 7 regions are almost completely comprised of rural communities. This grass roots development will not only ensure these communities interests are served but will result in the best network possible statewide.

8) Existing Infrastructure

Kentucky public safety currently utilizes CASM to collect and store data relating to emergency wireless infrastructure for communications networks and deployable assets. The KY Office of Broadband has also developed a mapping tool, on line data collection tool and central data repository for mapping purposes for existing commercial infrastructure and anchor institutions across the state. CASM is updated as needed by the SWIC Office and reviewed annually. The KY Office of Broadband has an ongoing contract for service of their on line data tools. It is anticipated that similar tools could be leveraged or used as a template for application development for data collection purposes in Kentucky.

9) Existing Government-Owned Networks

The Chief Information Security Office is responsible for IT security functions in Kentucky. The office works with the enterprise to establish the best security practices and risk management processes, and deploys strategies aimed at protecting and securing the Commonwealth's data. The agency also plays a major role in promoting security awareness.

The Commonwealth will consult with the KY Chief Information Security Office regarding existing requirements and standards of hardening, security, reliability and resiliency of existing state and local infrastructure as well as contractual requirements for potential commercial carrier network usage.

10) Network Users

Kentucky will deploy a public safety agency awareness campaign that will be launched to inform and engage the all first responder user agencies of the Commonwealth's broadband network. The campaign would be facilitated through implementation and deployment of essential public relations and educational content made available online via a Central Repository and administered by COT and KWIEC.

11) Education and Outreach

Outreach and Communication

Localized stakeholder recruitment and participation is a key element of a successful public safety broadband planning, promotion and adoption campaign. Stakeholder participation is critical to facilitate effective collection of infrastructure and usage data for planning, adoption, utilization, and cost effective system planning and deployment

efforts. Stakeholders such as local and Federal first responder agencies, Utilities and core institutions across the Commonwealth must be engaged. The outreach campaign should be used to explain the Commonwealth's vision and how the Public Safety Broadband Network adoption, utilization, and non-utilization can impact regional communities. It also provides a mechanism to encourage local stakeholder groups to take ownership of the broadband network promotion process and build the knowledge base and capacity of the group to enable a more-sustainable effort in future years.

Kentucky's outreach campaign will be comprised of three elements; Regional Workshops, in person meetings and web based tools. Workshops will be scheduled to educate local first responders about public safety broadband use, the nationwide network and the Kentucky Broadband Plan. The workshops will also act as an important tool to identify and empower regional/local representatives and recruit and identify end users. In person meetings will be scheduled with local representatives to assist agencies that need additional clarification, education or general assistance with their planning strategies and needs. Web based education tools, presentations and information will be made available for distribution to ensure we reach the maximum number of participants and potential end users.

The Regional Interoperability Groups will play a significant role in the planning process and outreach campaign. Initially these groups will be our target audience of the education and outreach campaign to ensure information about the nationwide network reaches potential users. As the groups become established and understand the requirements of the consultation process they will be responsible for end user identification, data collection, confirmation and coordination with the KWIEC to ensure a true bottom up approach for the final development of our State plan.

The KWIEC and SWIC have previously developed relationships with the majority of these local agencies, as part of Mobile Data and Voice Interoperability projects that can be leveraged for this outreach and communications campaign. The public safety awareness campaign will also benefit from regional representation which will facilitate ongoing support and relationship building with local stakeholders.

Broadband Adoption and Data Collection Work Plan

The KWIEC will work closely with the established regional interoperability groups to produce preliminary regional broadband reports. The reports will outline the current data utilization and broadband needs of each locality and region. A regional profile will be provided to each of the 10 regions. A Kentucky Statewide Broadband Report, including each of the regional profiles will be provided to the KWIEC.

A Broadband Adoption and Utilization Planning Workshop will be organized by the KWIEC with the region, and with any other local stakeholders identified to date as members of the Regional Stakeholder Groups. The key findings and gaps identified in the Preliminary Regional Broadband Profiles previously provided will be presented and discussed. Based on these discussions, regional stakeholders will be asked to identify their:

- System Use and Applications goals
- Coverage Expectations

- Infrastructure to leverage

The workshop will also serve to raise the awareness of regional stakeholders about the value of the information to be collected and promote their participation in the data collection process. It is critical to achieve a high participation of the stakeholder constituency in the subsequent Phase 2 process to ensure the required data for broadband planning analysis is collected.

12) Memorandum of Agreements

The Commonwealth does not anticipate any obstacles, laws or legal issues that would prevent or impede our ability to fully participate in the nationwide broadband network and its planning.

13) Tools

On line software survey, mapping and data collection tools have been utilized from several projects including the Kentucky Broadband Initiatives, Kentucky NECP and CASM data collection efforts. The Kentucky Broadband data tools were developed and implemented within the scope of that project. It is anticipated that similar tools would be necessary for the FirstNet project, however discussions by the Public Safety broadband Working Group have investigated use of the OEC/ICTAP mobile data survey tools for initial data gathering and recommendations of expanding it for data collection once parameters are defined by FirstNet.

14) Phase Two Funding

Phase II - Broadband Adoption and Planning Data Collection Work Plan:

The feedback from the workshops will be documented and provided back to the KWIEC and for review and comment. The final approved information will then be used to develop the final Plan for Broadband Adoption and data collection. The plan will include a definition of the baseline data necessary for broadband planning across the Commonwealth.

15) Other

None

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 06/30/2014

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. State and Local Implementation Grant Program	11.549	\$ 1,852,548.00	\$ 463,137.00	\$ 1,852,548.00	\$ 463,137.00	\$ 2,315,685.00
2.						
3.						
4.						
5. Totals		\$ 1,852,548.00	\$ 463,137.00	\$ 1,852,548.00	\$ 463,137.00	\$ 2,315,685.00

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
	State and Local Implementation Grant Program				
a. Personnel	\$ 112,500.00	\$ 318,840.00	\$	\$	\$ 431,340.00
b. Fringe Benefits	54,000.00	144,000.00			198,000.00
c. Travel	165,000.00				165,000.00
d. Equipment					
e. Supplies	7,048.00	297.00			7,345.00
f. Contractual	1,268,750.00		0.00		1,268,750.00
g. Construction					
h. Other	245,250.00				245,250.00
i. Total Direct Charges (sum of 6a-6h)	1,852,548.00	463,137.00	0.00		\$ 2,315,685.00
j. Indirect Charges					\$
k. TOTALS (sum of 6i and 6j)	\$ 1,852,548.00	\$ 463,137.00	\$ 0.00	\$	\$ 2,315,685.00
7. Program Income	\$	\$	\$	\$	\$

Authorized for Local Reproduction

Standard Form 424A (Rev. 7- 97)
Prescribed by OMB (Circular A -102) Page 1A

SECTION C - NON-FEDERAL RESOURCES						
	(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS	
8.	State and Local Grant Implementation Program	\$ <input type="text"/>	\$ <input type="text" value="463,137.00"/>	\$ <input type="text"/>	\$ <input type="text" value="463,137.00"/>	
9.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
10.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
11.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
12.	TOTAL (sum of lines 8-11)	\$ <input type="text"/>	\$ <input type="text" value="463,137.00"/>	\$ <input type="text"/>	\$ <input type="text" value="463,137.00"/>	
SECTION D - FORECASTED CASH NEEDS						
		Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13.	Federal	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
14.	Non-Federal	\$ <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
15.	TOTAL (sum of lines 13 and 14)	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT						
	(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)				
		(b)First	(c) Second	(d) Third	(e) Fourth	
16.	<input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	
17.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
18.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
19.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
20.	TOTAL (sum of lines 16 - 19)	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	
SECTION F - OTHER BUDGET INFORMATION						
21.	Direct Charges:	<input type="text" value="62,315,685.00"/>	22.	Indirect Charges:	<input type="text" value="0"/>	
23.	Remarks:	<input type="text" value="Revised 8/6/2013"/>				

Kentucky SLIGP Budget Narrative

Personnel

Federal:	\$112,500
Non-Federal:	\$318,840
Total:	\$431,340

See the Detailed Budget Spreadsheet for calculations

- **SWIC (Federal):** The SWIC will provide oversight for the SLIGP grant, ensuring that all activities are completed on time and within budget. The SWIC will be the primary point of contact for consultation with FirstNet, and will work to expand the State's governance structure. The budgeted costs (50% time) are only for the duties associated with public safety broadband and the SLIGP grant, not the additional land mobile radio and general interoperable communication duties of the SWIC.
- **SWIC Staff Member (Non-Federal):** This person will organize meetings with local and tribal jurisdictions, and communicate information about grant activities to key stakeholders. This position will spend 50% of his/her time on SLIGP grant activities. 50% of this employee's salary will be provided as an in-kind match. The source of this match is the State's general fund and is not from another Federal source.
- **Project Manager (Non-Federal):** This person will provide project and grant management support, including completing progress reports, managing the project's budget, and ensuring grant activities are completed on time. He/She will spend 50% of their time on SLIGP grant activities. 50% of this employee's salary will be provided as an in-kind match. The source of this match is the State's general fund and is not from another Federal source.
- **Administrative Support Coordinator (Non-Federal):** This person will provide administrative support to the SWIC, SWIC Staff Member and Project Manager including document preparation, processing travel documentation, record keeping, capturing meeting minutes and general administrative work. He/She will spend 50% of their time on SLIGP grant activities. 50% of this employee's salary will be provided as an in-kind match. The source of this match is the State's general fund and is not from another Federal source.

- Meeting Attendance Time (Non-Federal): We will hold KY- Public Safety Broadband meetings monthly, excluding July and December (10 times per year) for the award period. These meetings are attended by representatives of State Government and local jurisdictions. The State will donate the time their staff spends to participate in these meetings as an in-kind match.

The value of the representatives' time is based on an average "salary only" hourly rate not including benefits. The State has discussed this time donation with each agency and will obtain letters of support from each indicating their pledge to provide this time donation and their understanding of documentation the State will maintain to support the time donations (e.g., salary information for the representatives). The State will establish appropriate procedures to track these time donations in the State's accounting system.

- Pre Award Grant Preparation Time (Non-Federal): State Employees time preparing SLIGP Grant Application packet (salary only). The State will donate the time their staff spends to SLIGP Grant preparation and submission as an in-kind match.

Fringe

Federal:	\$54,000
Non-Federal:	\$144,000
Total:	\$198,000

See the Detailed Budget Spreadsheet for calculations

- SWIC (Federal): Benefits include FICA, unemployment, medical and retirement. This position spends 50% of the time on SLIGP, therefore 50% of the fringe benefits have been allocated to this grant.
- SWIC Staff Member (Non-Federal): Benefits include FICA, unemployment, medical and retirement. This position spends 50% of the time on SLIGP, therefore 50% of fringe benefits have been allocated to this grant. All of this expense will be provided as an in-kind match from the State's general fund, and is not from another Federal source.
- Project Manager (Non-Federal): Benefits include FICA, unemployment, medical and retirement. This position spends 50% of the time on SLIGP, therefore 50% of fringe benefits have been allocated to this grant. All of this expense will be provided as an in-kind match from the State's general fund, and is not from another Federal source.
- Administrative Support Coordinator (Non-Federal): Benefits include FICA, unemployment, medical and retirement. This position spends 50% of the time on SLIGP, therefore 50% of fringe benefits have been allocated to this grant. All of this expense will be provided as an in-kind match from the State's general fund, and is not from another Federal source.

Travel

Federal:	\$165,000
Non-Federal:	\$0
Total:	\$165,000

See the Detailed Budget Spreadsheet for calculations

- Pre Award Travel for 1 Regional Meeting with FirstNet (Federal): Staff will attend regional meeting with FirstNet and share information and collaborate with other grant recipients from our region. Travel costs include airfare, hotel, per diem and approved expenses for parking, mileage, luggage fees, etc.
- Travel for Regional and National Meetings with FirstNet (Federal): Staff will attend national and regional conferences to meet with FirstNet and share information and collaborate with other grant recipients. Travel costs include airfare, hotel, and per diem.

Equipment

Federal:	\$0
Non-Federal:	\$0
Total:	\$0

No equipment costs for this grant program.

Supplies

Federal:	\$7,048
Non-Federal:	\$297
Total:	\$7,345

See the Detailed Budget Spreadsheet for calculations

- Laptops (Federal): The State will purchase new laptops for the SWIC, SWIC Staff Member, Project Manager and Administrative Coordinator for use while on travel and for conducting other grant-related work.
- Pre award Office Supplies (Non-Federal) The State will purchase office supplies for grant preparation to include; thumb drives, printer ink, folders, paper and pens. All of this expense will be provided as an in-kind match from the State's general fund, and is not from another Federal source.

Contractual

Federal: \$1,268,750
Non-Federal: \$0
Total: \$1,268,750

See the Detailed Budget Spreadsheet for calculations

- Website Development and Maintenance (Federal): The State will contract with a website development firm to create and maintain a website for the purpose of public awareness and education on the PSBN. The site would also be used by team, work group, and committee members for reviews and status updates.
- Data Collection (Federal): During Phase 2, the State will contract with a data collection firm to gather information about existing infrastructure, potential users, and other information as requested by FirstNet/NTIA.
- Contracted Consultant (Federal): The State will contract with a consultation firm to assist the SWIC and Kentucky Wireless Interoperability Executive Committee in the development and execution of strategic planning initiatives related to the PSBN. Assist in the creation and execution of education, outreach and awareness of the PSBN. Provide data validation and support to the Commonwealth.

Construction

Federal: \$0
Non-Federal: \$0
Total: \$0

No construction costs for this grant program.

Other

Federal: \$245,250
Non-Federal: \$0
Total: \$245,250

See the Detailed Budget Spreadsheet for calculations

- Meals for meeting participants (Federal): Breakfast and Lunch will be provided to those who attend regional meetings and workshops. We anticipate the meetings and workshops to be an entire business day (7:30-4:30).

- Meeting Facilities (Federal): The State will need to obtain meeting facilities to conduct regional workshops and meetings with local first responders and stakeholders.

Indirect

Federal:	\$0
Non-Federal:	\$0
Total:	\$0

No indirect costs for this grant program.

TOTALS

Federal:	\$1,852,548
Non-Federal:	\$463,137
Total:	\$2,315,685

SLIGP Detailed Budget Spreadsheet

Category	Detailed Description of Budget (for full grant period)			Breakdown of Costs		Comments
	Quantity	Unit Cost	Total Cost	Federal	Non-Federal	
a. Personnel						
SWIC The SWIC will spend 50% of the time on SLIGP grant activities for 3 years. The SWIC's annual salary is \$75,000. \$75,000 x 50% = \$37,500	3 years	\$37,500	\$112,500	\$112,500		
SWIC Staff Member The SWIC Staff Member will spend 50% of the time on SLIGP grant activities for 3 years. The Staff Member annual salary is \$75,000. \$75,000 x 50% = \$37,500	3 years	\$37,500	\$112,500		\$112,500	
Project Manager One project manager will spend 50% of their time on the project for 3 years. The Staff Member annual salary is \$75,000. \$75,000 x 50% = \$37,500	3 years	\$37,500	\$112,500		\$112,500	
Administrative Support Coordinator One administrative support coordinator will spend 50% of their time on the project for 3 years. The Staff Member annual salary is \$50,000. \$50,000 x 50% = \$25,000	3 years	\$25,000	\$75,000		\$75,000	
Meeting Attendance Time 5 state representatives of the wireless broadband executive committee will attend 10 state committee meetings per year for 3 years (total of 30 meetings); each meeting will be 2 hours long (5 rep./meeting x 30 meetings x 2 hrs./meeting = 300 hours). The average value of the representatives' time is \$32/hour.	300 hours	\$32	\$9,600		\$9,600	
Pre Award Grant Preparation Time- Time of State Employees working on SLIGP Grant Application Packet. 220 hours at an average rate of \$42/hr	220 hours	\$42/hr	\$9,240		\$9,240	
Total Personnel			\$431,340	\$112,500	\$318,840	
b. Fringe Benefits						
SWIC Fringe is calculated at 48% of salary, for the portion of time spent on SLIGP activities (50%)	\$112,500	48%	\$54,000	\$54,000		
SWIC Staff Member Fringe is calculated at 48% of salary, for the portion of time spent on SLIGP activities (50%)	\$112,500	48%	\$54,000		\$54,000	
Project Manager Fringe is calculated at 48% of salary, for the portion of time spent on SLIGP activities (50%)	\$112,500	48%	\$54,000		\$54,000	
Administrative Support Coordinator Fringe is calculated at 48% of salary, for the portion of time spent on SLIGP activities (50%)	\$75,000	48%	\$36,000		\$36,000	
Total Fringe Benefits			\$198,000	\$54,000	\$144,000	
c. Travel						
Pre Award Travel for Regional and National Meetings with FirstNet 10 individuals will attend 1 meeting Airfare is estimated at \$750/ticket; hotel is estimated at \$200/night for two nights; per diem is estimated at \$75/day for two days, \$200 local allowable expenses, for a total of \$1500/trip	10 trips	\$1,500.00	\$15,000	\$15,000		
Travel for Regional and National Meetings with FirstNet 10 individuals will attend 10 meetings Airfare is estimated at \$750/ticket; hotel is estimated at \$200/night for two nights; per diem is estimated at \$75/day for two days; approved travel expenses ie. taxi, luggage fees, local travel, parking \$200 for a total of \$1500/trip	100 trips	\$1,500	\$150,000	\$150,000		
Total Travel			\$165,000	\$165,000	\$0	
d. Equipment						
N/A	0	\$0	\$0	\$0		
Total Equipment			\$0	\$0	\$0	
e. Supplies						
4 Laptop Computers for assigned State Employees	4 Computers	\$1,762	\$7,048	\$7,048		

ASSURANCES - NON-CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee- 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.
19. Will comply with the requirements of Section 106(g) of the Trafficking Victims Protection Act (TVPA) of 2000, as amended (22 U.S.C. 7104) which prohibits grant award recipients or a sub-recipient from (1) Engaging in severe forms of trafficking in persons during the period of time that the award is in effect (2) Procuring a commercial sex act during the period of time that the award is in effect or (3) Using forced labor in the performance of the award or subawards under the award.

<p>* SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL</p> <p>STAN HEAD</p>	<p>* TITLE</p> <p>Finance Cabinet</p>
<p>* APPLICANT ORGANIZATION</p> <p>Commonwealth of Kentucky, Finance Cabinet</p>	<p>* DATE SUBMITTED</p> <p>03/18/2013</p>

Standard Form 424B (Rev. 7-97) Back

Applicants should also review the instructions for certification included in the regulations before completing this form. Signature on this form provides for compliance with certification requirements under 15 CFR Part 28, 'New Restrictions on Lobbying.' The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Department of Commerce determines to award the covered transaction, grant, or cooperative agreement.

LOBBYING

As required by Section 1352, Title 31 of the U.S. Code, and implemented at 15 CFR Part 28, for persons entering into a grant, cooperative agreement or contract over \$100,000 or a loan or loan guarantee over \$150,000 as defined at 15 CFR Part 28, Sections 28.105 and 28.110, the applicant certifies that to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, 'Disclosure Form to Report Lobbying,' in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure occurring on or before October 23, 1996, and of not less than \$11,000 and not more than \$110,000 for each such failure occurring after October 23, 1996.

As the duly authorized representative of the applicant, I hereby certify that the applicant will comply with the above applicable certification.

*** NAME OF APPLICANT**

Commonwealth of Kentucky, Finance Cabinet

*** AWARD NUMBER**

11.549

*** PROJECT NAME**

Public Safety Broadband

Prefix:

Mr.

*** First Name:**

Jim

Middle Name:*** Last Name:**

Barnhart

Suffix:

* Title: Finance Cabinet

*** SIGNATURE:**

STAN HEAD

*** DATE:**

03/18/2013

DISCLOSURE OF LOBBYING ACTIVITIES

Complete this form to disclose lobbying activities pursuant to 31 U.S.C.1352

Approved by OMB
0348-0046

1. * Type of Federal Action: <input type="checkbox"/> a. contract <input checked="" type="checkbox"/> b. grant <input type="checkbox"/> c. cooperative agreement <input type="checkbox"/> d. loan <input type="checkbox"/> e. loan guarantee <input type="checkbox"/> f. loan insurance	2. * Status of Federal Action: <input type="checkbox"/> a. bid/offer/application <input checked="" type="checkbox"/> b. initial award <input type="checkbox"/> c. post-award	3. * Report Type: <input checked="" type="checkbox"/> a. initial filing <input type="checkbox"/> b. material change
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------

4. Name and Address of Reporting Entity:
 Prime SubAwardee
* Name: Commonwealth of Technology KY
* Street 1: 101 Cold Harbor Drive Street 2:
* City: Frankfort KY 40601 State: Zip:
Congressional District, if known:

5. If Reporting Entity in No.4 is Subawardee, Enter Name and Address of Prime:

6. * Federal Department/Agency: NA	7. * Federal Program Name/Description: State and Local Implementation Grant Program CFDA Number, if applicable: 11.549
----------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------

8. Federal Action Number, if known:	9. Award Amount, if known: \$
--------------------------------------------	-----------------------------------------

10. a. Name and Address of Lobbying Registrant:
Prefix: * First Name: NA Middle Name:
* Last Name: NA Suffix:
* Street 1: Street 2:
* City: State: Zip:

b. Individual Performing Services (including address if different from No. 10a)
Prefix: * First Name: NA Middle Name:
* Last Name: NA Suffix:
* Street 1: Street 2:
* City: State: Zip:

11. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when the transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to the Congress semi-annually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

* Signature: STAN HEAD
* Name: Prefix: Mr. * First Name: Stan Middle Name:
* Last Name: Head Suffix:
Title: Policy Analyst Telephone No.: 5025648086 Date: 03/18/2013

Federal Use Only: Authorized for Local Reproduction Standard Form - LLL (Rev. 7-97)

Request for waiver- KY SLIGP

The Commonwealth of Kentucky is requesting a waiver of the state matching contribution of the State and Local Implementation Grant Program (SLIGP) in the form of “in kind contributions”. The Commonwealth intends to contribute every available state resource to ensure the success of this monumental planning endeavor and network deployment. The in kind contributions would be in the form of dedicated employee salaries to include the Statewide Interoperability Coordinator, State Contractors, Finance Managers and Administrative staff assigned to the project. Significant in state time and travel of Kentucky Wireless Interoperability Executive Committee and Public Safety Broadband Working Group staff members and the use of state facilities and supplies will be required during the outreach and planning phases. The in kind contributions on behalf of the Commonwealth will far exceed the anticipated maximum of \$474,250.00 cash match. Below are just a few of the estimated contributions from Kentucky.

Statewide Interoperability Coordinator (SWIC) Salary-	3yrs \$198,000
SWIC Administrative Support Salary-	3yrs \$120,000
Dedicated Project Support Contract Employee Salary-	3yrs- \$180,000
State Facilities for meetings, workshops etc.	3yrs- \$168,000
In State travel of Executive Staff	3yrs- \$47,000
<hr/>	
Total	\$ 713,000

Your consideration in this matter it greatly appreciated.

Derek Nesselrode
Commonwealth of Kentucky
Statewide Interoperability Coordinator

**Commonwealth of Kentucky
Office of the Governor
Public Safety Broadband Letter of Designation**

Governance, Planning and Coordination

Kentucky will leverage the existing governance structure of the Kentucky Wireless Interoperability Executive Committee (KWIEC) to oversee strategic planning efforts, outreach and education. The KWIEC is comprised of representatives of disciplines of public safety and chaired by Commonwealth Office of Technology (COT) executive staff members. Additional steps are being taken to encourage local government participation for outreach and education. Due to multiple agencies involved within the planning process (Kentucky State Police, Kentucky Emergency Management, COT, Rural Broadband Office), the Kentucky Finance and Administration Cabinet will manage the planning grant funds associated with the project.

Single Point of Contact (POC) – Designee

Derek Nesselrode, Statewide Interoperability Coordinator, will be the Kentucky Project Manager for the State and Local Implementation Grant Program, POC for FirstNet consultation/planning activities, and act in an advisory capacity for all public safety agencies.

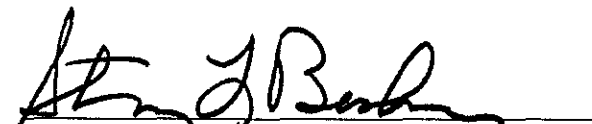
KWIEC, COT and the Office of the Governor

KWIEC Contact:

Jim Barnhart
Chair, KWIEC
Commonwealth Office of Technology
101 Cold Harbor Drive
Frankfort, KY 40601
Office: 502-564-7777
Email: jim.barnhart@ky.gov

Contact for questions regarding the public safety broadband network:

Derek Nesselrode
Statewide Interoperability Coordinator
Kentucky State Police
1240 Airport Road
Frankfort, KY 40601
Office: 502-782-2064
Email: derek.nesselrode@ky.gov


Steven L. Beshear
Governor

March 13, 2013

Date