

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): <input type="text"/> * Other (Specify) <input type="text"/>
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* 3. Date Received: <input type="text" value="03/15/2013"/>	4. Applicant Identifier: <input type="text"/>
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5a. Federal Entity Identifier: <input type="text"/>	* 5b. Federal Award Identifier: <input type="text"/>
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State Use Only:

6. Date Received by State: <input type="text"/>	7. State Application Identifier: <input type="text"/>
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8. APPLICANT INFORMATION:

* a. Legal Name: <input type="text" value="State of Utah Department of Technology Services"/>
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* b. Employer/Taxpayer Identification Number (EIN/TIN): <input type="text" value="87-6000545"/>	* c. Organizational DUNS: <input type="text" value="783662617"/>
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d. Address:

* Street1: <input type="text" value="1 State Office Building"/>
Street2: <input type="text" value="Floor 6"/>
* City: <input type="text" value="Salt Lake City"/>
County: <input type="text" value="Salt Lake"/>
* State: <input type="text" value="UT: Utah"/>
Province: <input type="text"/>
* Country: <input type="text" value="USA: UNITED STATES"/>
* Zip / Postal Code: <input type="text" value="84114"/>

e. Organizational Unit:

Department Name: <input type="text"/>	Division Name: <input type="text" value="SIEC"/>
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f. Name and contact information of person to be contacted on matters involving this application:

Prefix: <input type="text"/>	* First Name: <input type="text" value="Kevin"/>
Middle Name: <input type="text"/>	
* Last Name: <input type="text" value="Rose"/>	
Suffix: <input type="text"/>	

Title: <input type="text" value="Statewide Interoperability Coordinator"/>

Organizational Affiliation: <input type="text"/>
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* Telephone Number: <input type="text" value="8015383700"/>	Fax Number: <input type="text"/>
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* Email: <input type="text" value="kevinrose@utah.gov"/>

Application for Federal Assistance SF-424

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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.):

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

Nationwide Public Safety Broadband Network State and Local Implementation

Attach supporting documents as specified in agency instructions.

Application for Federal Assistance SF-424		Version 02
16. Congressional Districts Of:		
* a. Applicant	<input type="text" value="UT-004"/>	* b. Program/Project <input type="text" value="UT-all"/>
Attach an additional list of Program/Project Congressional Districts if needed.		
<input type="text"/>	<input type="button" value="Add Attachment"/>	<input type="button" value="Delete Attachment"/> <input type="button" value="View Attachment"/>
17. Proposed Project:		
* a. Start Date:	<input type="text" value="07/15/2013"/>	* b. End Date: <input type="text" value="07/15/2016"/>
18. Estimated Funding (\$):		
* a. Federal	<input type="text" value="1,782,235.00"/>	
* b. Applicant	<input type="text" value="0.00"/>	
* c. State	<input type="text" value="445,559.00"/>	
* 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="2,227,794.00"/>	
* 19. Is Application Subject to Review By State Under Executive Order 12372 Process?		
<input type="checkbox"/> a.	This application was made available to the State under the Executive Order 12372 Process for review on <input type="text"/>	
<input type="checkbox"/> b.	Program is subject to E.O. 12372 but has not been selected by the State for review.	
<input checked="" type="checkbox"/> c.	Program is not covered by E.O. 12372.	
* 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation.)		
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="button" value="Explanation"/>
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)		
<input checked="" type="checkbox"/> ** 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:	<input type="text"/>	* First Name: <input type="text" value="Kevin"/>
Middle Name:	<input type="text"/>	
* Last Name:	<input type="text" value="Rose"/>	
Suffix:	<input type="text"/>	
* Title:	<input type="text" value="Statewide Interoperability Coordinator"/>	
* Telephone Number:	<input type="text" value="8015383700"/>	Fax Number: <input type="text"/>
* Email:	<input type="text" value="kevinrose@utah.gov"/>	
* Signature of Authorized Representative:	<input type="text" value="Kevin Rose"/> 	* Date Signed: <input type="text" value="08/15/2013"/> 8/13



State and Local Implementation Grant Program [SLIGP] Supplemental Application Narrative

STATE OF UTAH

Submitted by:
Kevin Rose, SWIC

March 19, 2013 Revised 5/13/13

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

The State of Utah is pleased to submit its official supplemental application narrative for the State and Local Grant Implementation Program, as directed by Governor Gary R. Herbert. Below you will find our responses to questions posed by the National Telecommunications and Information Administration related to the SLIG Program and our coordination with the build out of the Public Safety Broadband Network (PSBN) in Utah. As described in more detail below, public safety interoperability efforts in Utah are well organized. We look forward to utilizing this grant in a way that will not only help our state improve that coordination and organization, but also increase our focus on and readiness for the deployment of the national PSBN.

The single point of contact for Utah will be our Statewide Interoperability Coordinator (SWIC), Kevin Rose. He can be reached at kevinrose@utah.gov or 801-538-3700. We look forward to both working and collaborating with NTIA on this important and vital effort going forward.

1. Existing Governance Body

- a. Describe the organizational structure and membership of the existing Statewide Interoperability Governing Body (SIGB), or its equivalent, that is responsible for public safety communications in the State.

Utah's Statewide Interoperability Executive Committee (SIEC) consists of 25 members and is comprised of representatives from all levels of government within the State of Utah to include urban, rural, and tribal interests. The statute also requires representation from each public safety discipline.

Committee Membership

- *Chief Information Officer (Chairman)*
 - *Public safety leadership representative from each of the five class one and class two (urban) counties*
 - *One representative from each of the six rural Association of Governments*
 - *One representative from the Utah Communications Agency Network (UCAN), the statewide 800 MHz trunked radio provider*
 - *One representative of the Native American tribes*
 - *One representative from the Utah National Guard*
 - *One representative from the Utah Chiefs of Police Association*
 - *One representative from the Utah Sheriffs Association*
 - *One representative from the Utah Fire Chiefs Association*
 - *One representative for urban security efforts*
 - *One representative from the Department of Technology Services*
 - *Commissioner of the Department of Public Safety*
 - *Executive Director of the Utah Department of Transportation*
 - *Executive Director of the Utah Department of Corrections*
 - *Executive Director of the Utah Department of Natural Resources*
 - *Director of the Department of Health*
- b. Describe the SIGB's authority to make decisions regarding public safety communications and how these decisions are implemented.

As outlined in Utah Code 63F-1-801, the SIEC is charged with promoting wireless technology and interoperability among local, state, and federal agencies by:

- *Coordinating statewide efforts for implementation of interoperable statewide voice and data networks*
- *Improving data and information sharing*
- *Leveraging existing state resources in creating state communication networks*
- *Forming Memorandums of Understanding (MOU) between agencies in support of proactive planning efforts*

The SIEC was created as a coordinating body and was not given authority to dictate public safety communication procedures or requirements for local and state agencies. The statute does enable the committee to manage the interoperability spectrum and create interoperable communications standard operating procedures.

The success of the SIEC has been with its outreach efforts. Once initiatives are approved by the committee, the SWIC becomes responsible to implement them. This is done by assisting local, state, and tribal agencies understand the initiative and how it relates to their local needs.

- c. Describe how the State will leverage its existing SIGB, or its equivalent, to coordinate the implementation of the Public Safety Broadband Network (PSBN) in the State.

Utah's SIEC will be the coordinating body for the implementation of the Public Safety Broadband Network in the state. State statute grants the committee authority to coordinate the implementation of a statewide data network. Because of the diverse representation of the members on the committee, having the SIEC as the governing body will enable the state to leverage all existing state and local resources and bring a unified approach to decision making and governance.

The SIEC recently created a broadband subcommittee and tasked them with creating a plan for the implementation of the network in Utah. The subcommittee is also responsible for outreach and education. All decisions regarding the network and grant funding will be made by the SIEC with input and recommendation from the broadband subcommittee.

The broadband subcommittee meets at least monthly and its members are actively engaged in the subcommittee's efforts. The subcommittee is made up of representatives from the following:

- *Utah Division of Indian Affairs*
- *State Automated Geographical Reference Center (GIS)*
- *Utah Public Safety Answering Points*
- *Salt Lake City Police Department*
- *Unified Police Department*
- *Logan City Police Department*
- *Moab City Fire Department*
- *Department of Technology Service*
- *Utah Department of Transportation*
- *Emergency Medical Services*
- *St. George City/Washington County*
- *Utah Communications Agency Network*
- *Governors Office*

Our subcommittee membership is flexible, we can add members as needed if identified in the future. The members on the subcommittee bring years of public safety experience along with technical knowledge and skills. This makeup also provides for representation for both urban and rural areas of the state.

- d. How does the State plan to expand its existing SIGB to include representatives with an understanding of wireless broadband and Long Term Evolution (LTE) technology in order to facilitate its consultations with FirstNet?

While the committee's membership includes individuals and organizational representation of experts in wireless technology, there is limited knowledge of wireless broadband and LTE. To address this, the broadband subcommittee has been coordinating and consulting with local subject matter experts and have leveraged their skills to educate the subcommittee. We would anticipate in the future contracting with a firm that specializes in wireless broadband and/or LTE networks if needed.

- e. Does the State currently dedicate sufficient financial resources to adequately support the SIGB? Does the State intend to invest funds received from SLIGP to financially support the SIGB? If so, provide the amount the State expects to request and describe the SIGB functions that these funds will support.

The SIEC currently does not receive direct funding for its activities. In the past, the committee leveraged communications grant funding to coordinate and implement their initiatives that were described in the Statewide Communications Interoperability Plan.

By law, members of the committee are not allowed to receive compensation for their work on the committee. Members of the committee understand the value of statewide coordination and interoperability and have invested their time in ensuring the success of the committee.

The committee is supported and administrated by the Department of Technology Services (DTS). DTS has allocated a fulltime position to work with the committee on their day to day business. DTS also provides other administrative support as needed.

Very minimal funding from the grant will be used to support the committee directly. Given the geographical size of the state, funds may be used to reimburse members for travel expenses to attend meetings.

2. Statewide Communications Interoperability Plan (SCIP)

- a. Are there existing strategic goals and initiatives in your SCIP focused on public safety wireless broadband? If so, what are they?

There are currently no initiatives in the SCIP that address wireless broadband. The committee has scheduled a workshop to update our SCIP this spring and intend on including public safety wireless broadband initiatives.

- b. Describe how the State has engaged local governments and tribal nations, if applicable, in public safety broadband planning activities that have been completed to date.

As stated above, the SIEC created a broadband subcommittee to plan for consultation with FirstNet. The subcommittee has representation from urban, rural, and tribal

jurisdictions. The intent of the subcommittee was to ensure an expanded membership that would allow for sufficient local and tribal representation and input.

- c. Does the State intend to use SLIGP funding to support efforts to update the SCIP by adding public safety wireless broadband strategic goals and initiatives? If so, provide the amount the State expects to request and describe the activities that these funds will support.

Efforts were already underway to update the SCIP with inclusion of public safety wireless broadband initiatives and these efforts should be completed before the grant is awarded to the state. Therefore grant funding will not be required to update our SCIP.

3. State-level Involvement

- a. What is the status of the Statewide Interoperability Coordinator (SWIC) for your State? Does this person work full-time in the SWIC capacity? How will this person be involved with SLIGP?

The State of Utah recognizes the important role the Statewide Interoperability Coordinator (SWIC) holds in statewide coordination and planning. Since 2007, Utah has benefitted from a fulltime SWIC that has been dedicated to fulfilling the mission of the SIEC.

Originally the position was funded with various interoperable communications grant money. Over the last several years these grant programs have disappeared and left the state with the decision to continue funding the position fully or to eliminate it. Because of the value of the role and the successes that this position has achieved, the state allocated funds to maintain a fulltime SWIC for the State.

- b. How will the State's Chief Information Officer/Chief Technology Officer be involved with SLIGP and with activities related to the implementation of the nationwide public safety broadband network?

The State Chief Information Officer is the chairman of the SIEC and has been fully engaged with its activities. Having the SIEC serve as the governing body for the Public Safety Broadband Network ensures his continual involvement with the networks implementation.

- c. What other State-level organizations or agencies will be involved with SLIGP?

The below state level agencies and organizations will be involved with broadband planning out outreach activities:

- *Department of Technology Services*
- *Department of Transportation*
- *Department of Public Safety*
- *Governor's Office of Economic Development/Utah Broadband Project*
- *Automated Geographic Reference Center (State GIS)*
- *Utah Communications Agency Network*
- *Utah Chiefs of Police Association*
- *Utah Sheriffs Association*
- *Utah Fire Chiefs Association*
- *Utah National Guard*

- *Department of Corrections*
- *Department of Natural Resources*
- *Department of Health*
- *Utah Education Network*
- *Utah Division of Indian Affairs*
- *Other agencies has required*

- d. What are the specific staffing resources the State requires to effectively implement the consultation process with the First Responder Network Authority (FirstNet) and perform the requirements of SLIGP? If the application requests funding for additional staffing, provide the amount the State expects to request and describe the positions these funds will support.

The states fulltime SWIC will be dedicated to the planning of the Public Safety Broadband Network in Utah. As we ramp up efforts for outreach and education we realize the value of bringing on additional staff to assist the SWIC.

The SIEC may create an inter-agency agreement with another state agency to manage financial and reporting aspects of the grant. This would allow the SWIC to focus on the grant activities.

As our education and outreach activities begin, we foresee a need to bring on additional staff members to assist the SWIC with grant reporting, coordinating events, travel planning, community and stakeholder outreach and vendor activities. We also anticipate the need for staff to explicitly focus on providing direct outreach and coordination to the eight tribes located within the State. The SIEC will be allocating \$903,317 of grant funding to hire additional staff.

Once the requirements for data collection are published and phase two of the grant program is released, the SIEC will determine, based on the requirements, whether to complete the data collection in house, hire additional staffing, or to contract with a 3rd party firm.

- e. How is the State engaging private industry and secondary users (e.g., utilities)?

The broadband subcommittee is in the process of identifying private industry and secondary users and inviting them to participate in the planning process. We recognize the importance of early outreach to these organizations and ensuring they have a voice in the networks planning and implementation.

4. Coordination with Local Government Jurisdictions

- a. Describe the local government jurisdictional structure (e.g., municipalities, cities, counties, townships, parishes) located within the boundaries of the State, Commonwealth, Territory, or District applying for a grant. How many of these local jurisdictions exist within the State's boundaries?

The State of Utah has 29 counties and 245 cities and towns within its boundaries.

- b. Describe how your State will involve these local jurisdictions to ensure there is adequate representation of their interests in the FirstNet consultation and in the planning and governance for SLIGP.

Since the creation of the broadband subcommittee, we have encouraged local participation in their efforts. As we move forward with outreach and education, we anticipate more local jurisdictions will become engaged with the planning efforts. The subcommittee is also targeting organizations such as the League of Cities and Towns and the Association of Counties for representation on the subcommittee.

Outreach and education is a critical component to this process. If we are able to successfully reach out to local governments we will be able to more directly engage them in the planning process.

- c. Describe past methods the State has used to successfully coordinate state-wide projects or activities with local government jurisdictions.

One of the initiatives defined in our Statewide Communications Interoperability Plan was the need to create local Tactical Interoperable Communications Plans. The SIEC decided to complete these plans at a regional level. Using funding from the Interoperable Emergency Communications Grant Program, the SIEC assisted and coordinated with each of the States Association of Governments and Emergency Management regions to develop, train, and test these plans.

Using this regional approach allowed for more local ownership and input and creates a working environment between the local jurisdictions and the State.

Utah's State Geographic Information Database is a repository of digital map layers built through partnership and coordination between federal, state, and local government. Coordination to share technical assistance and build data-sharing processes has included the operation of a GIS Advisory Committee, one-to-one communications, participation in meetings held by the Utah Association of Counties, the Utah League of Cities and Towns, and the Utah Geographic Information Council. Additionally, federal and state funds have been shared with local government in support of the construction and maintenance of digital map datasets for parcels, roads, and address point layers. Local, state, and federal funds have been used pooled to efficiently fund data acquisition projects for aerial photography and LIDAR elevation data.

- d. What have been some of the State's primary challenges when engaging with local jurisdictions? What are some of the strategies that the State will employ to overcome these challenges during implementation of SLIGP?

One of the largest challenges we have faced with engaging local jurisdictions on statewide projects is education. This is a challenge that is not unique to Utah but is an issue across the country. We discovered that if we did not do enough outreach to the local stakeholders, they did not fully understand the need for the project. Without that full understanding, we had difficulty with stakeholder buy-in at the local level. We have overcome this challenge by making a strong effort to engage the local jurisdictions early in the process, making sure they are involved through the entire planning and implementation process.

We intend on using grant funding to improve the SIEC's visibility by attending local and regional meetings, updating our website to be a central information point for information

and updates related to the SIEC and FirstNet efforts in Utah, and to host educational events that are directed at local and tribal stakeholders.

5. Regional Coordination

- a.** Does your State have intrastate regional committees that are involved with public safety communications? If so, please describe their organizational structure and membership and how they provide input to the SIGB.

The State of Utah is divided into 8 Emergency Management regions. Each region has communications working groups that are comprised of Emergency Managers, technicians, dispatch center managers, and public safety officials. The SWIC works with these groups on statewide coordination, training, and SOP's. The SIEC has representative from each region who is nominated by the local Association of Governments.

In 1997, prior to the 2002 Olympic Games, the State created an independent state agency called the Utah Communications Agency Network (UCAN) which constructed and operates a consolidated trunked radio network along the greater Wasatch front region. UCAN is governed by a 17 member executive committee created by Utah code 63C-7-101. This committee is comprised of 12 local representatives and 5 state representatives. The day to day operations are overseen by an executive director who is appointed by the committee. A representative from UCAN is appointed by the governor to the Statewide Interoperable Executive Committee.

- b.** Describe any interstate regional bodies in which your State participates that are involved with public safety communications in the State.

Utah is an active member of the FEMA Region 8 Regional Emergency Communications Coordination Working Group. This working group is comprised of representatives from each state in Region 8 and meets regularly to coordinate interstate interoperability communications issues along with other regional communication projects.

In addition, the State of Utah is strongly supporting regional coordination efforts across Western states to address interoperability issues that extend beyond state lines. Consistent with its approach to previous NTIA filings, Utah recognizes the importance of collaborating with neighboring states early in the PSBN planning process to develop a regional strategy that will integrate into the requirements set forth by FirstNet.

Utah worked closely with the states of Idaho, Montana, Oregon, South Dakota, Nevada, and Wyoming in coordinating a "Joint" collaborative filing in response to the NTIA's Notice of Inquiry ("NOI"). The NOI addressed public comment on (1) the conceptual network architecture presentation made at the FirstNet Board of Directors ("Board") meeting held on September 25, 2012, (2) the potential framework for developing applications for public safety use discussed at that meeting, and (3) other network design and business plan considerations.

This regional group of western states continues to meet and grow to include other states as they discuss and confer on plans for joint meetings and communications with FirstNet. Western states have long supported each other in addressing public safety demands in the region and continue this valued and strategic relationship as the National PSBN is deployed.

- c. How does the State plan to engage and leverage these existing regional coordination efforts in the nationwide public safety broadband network planning?

Interstate coordination is vital to the planning process in preparation for FirstNet. Being that this will be a nationwide network, State boundaries may not play a definitive role in the network design. Radio Access Networks may be more efficiently deployed based on available resources and coverage needs for geographical areas as apposed to state by state.

Utilizing regional coordination bodies such as the RECCWG or others would allow the states to work with each other and share information to ensure the network adequately addresses coverage needs.

The SIEC will also engage our local intra-state regional groups by attending and presenting and their regular meetings. This will allow us to keep each region up to date with the current public safety broadband activities and facilitate local input into the process. These regional bodies will be a critical component to our outreach and education plans.

- d. Please identify, if applicable, any other state, territory, or regional entity with which the State collaborated or coordinated in the development and preparation of this application and describe the nature of that collaboration or coordination.

The State of Utah has been participating in a western regional planning body known as "WestNet". Participating states include Arizona, California, Oregon, Idaho, Montana, New Mexico, Nevada, Nebraska, South Dakota, and Wyoming.

Utah has utilized input and discussion from this group as we have prepared our grant applications. All of the states involved in WestNet have common interests and obstacles; by working together we ensured that they are addressed in a consistent manor.

6. Tribal Nations

- a. How many federally recognized tribes are located within the State boundaries? (If the answer is zero, please skip to question #7.) Information on federally recognized tribes may be located at the Department of Interior, Bureau of Indian Affairs website:
<http://www.bia.gov/WhoWeAre/BIA/OIS/TribalGovernmentServices/TribalDirectory/index.htm>

Utah has eight federally recognized tribes within its borders.

- b. Describe how the State will involve the tribal nations to ensure there is adequate representation of their interests in the FirstNet consultation and in the planning/governance for the grant program. Does the State have a process for consulting with the tribes located within State boundaries? If so, please provide a description of that process.

The director of the Utah Division of Indian Affairs is a member of the Statewide Interoperability Committee. The director works directly with the tribes to represent their interests on the committee.

Seeing the positive impact the Nationwide Public Safety Broadband Network could potentially have on the tribes, the SIEC is in the process of developing a more inclusive plan to bring direct tribal representation to the broadband subcommittee. The SIEC

would like to identify key tribal public safety and governmental representatives to enhance the tribal involvement in the FirstNet planning process.

In addition to our planned outreach efforts, the broadband subcommittee has identified benefit to hiring on an additional staff member to focus entirely on tribal outreach and education and will recommend the SIEC hire a fulltime staff member as a tribal liaison.

This tribal liaison would be someone the tribes are already familiar working with and who has already developed a relationship of trust. This person would attend tribal meetings and present on the progress of FirstNet. They would then receive from the tribes and report to the SIEC and the broadband subcommittee.

We would also anticipate that this person would plan tribal outreach seminars and workshops to ensure that each tribe is familiar with FirstNet and has the ability to provide input into the planning process.

- c. Describe past methods the State has used to successfully coordinate with tribal nations.

The Utah Division of Indian Affairs partners with the Division of Emergency Management and participates in the Utah Tribal Emergency Response Committee. The director also sits on the council for the Continuity of Operations Plan. Most importantly, UDIA works closely with Utah's 8 tribal nations, sharing critical information pertinent to their communities.

The division also participates in bi-monthly Utah Tribal Leaders meetings and plans the annual Governor's Native American Summit, attended by Tribal Leaders, tribal members, state agencies and local businesses.

- d. Are there tribal representatives who regularly attend your SIGB meetings? If so, please identify the tribes represented.

The director of the Utah Division of Indian Affairs is a member of the Statewide Interoperability Committee. The director works directly with the tribes to represent their interests on the committee.

- e. What have been some of the State's primary challenges when engaging with tribal nations? What are some of the strategies that the State will employ to overcome these challenges during implementation of SLIGP?

In the past the state has struggled with tribal outreach and education and getting direct buy-in from the Utah tribes. The SIEC intends to do extensive outreach by initially identifying key tribal stakeholders and getting them involved in the planning process from the beginning. Additionally, the SWIC plans to have staff explicitly focused on tribal outreach and inclusion.

As part of our overall outreach strategy, the SIEC intends on directly targeting each of the eight tribes in Utah and ensuring that they understand what this project is and how it could affect their interests.

Each year, the Utah Division of Indian Affairs hosts a Utah Native American Summit. This multi-day event brings tribal leaders from each of Utah's tribes together to discuss

current issues and events. The SIEC intends having representation at these summits and utilizing them as a method to reach out to the tribes directly.

7. Rural Coverage

- a.** Please classify your local jurisdictions into rural and non-rural areas and identify the criteria used in making these rural and non-rural determinations.

Utah law divides each county into one of 6 classes based on population. In other state programs, such as the State 911 Committee, this classification has been used to distinguish between urban and rural counties. See Attachment A for a map of urban and rural counties.

The SIEC will adopt this method to classify our counties as urban or rural. All class I and class II counties will be considered urban while class 3 through 6 will be considered rural. This urban/rural classification method will only be used for outreach and education purposes.

Urban Counties:

- *Davis County*
- *Salt Lake County*
- *Utah County*
- *Washington County*
- *Weber County*

Rural Counties:

- *Beaver County*
- *Box Elder County*
- *Cache County*
- *Carbon County*
- *Daggett County*
- *Duchesne County*
- *Emery County*
- *Garfield County*
- *Grand County*
- *Iron County*
- *Juab County*
- *Kane County*
- *Millard County*
- *Morgan County*
- *Piute County*
- *Rich County*
- *San Juan County*
- *Sanpete County*
- *Sevier County*
- *Summit County*
- *Tooele County*
- *Uintah County*
- *Wasatch County*
- *Wayne County*

- b. Please describe the coverage area and availability of broadband service and LTE technology in the rural areas of the State as defined in response to 7.a.

4G LTE broadband service in Utah is largely centered around metropolitan and suburban areas of the Wasatch Front. The main exception to this metro-only coverage is found in the north eastern area of the state known as the Uintah Basin, which is a mostly rural area. The LTE service throughout the state is also extremely limited by terrain (canyon service is nearly non-existent) and, to an extent, strain on existing service due to increasing demand. There is nearly no LTE coverage in rural areas of the state. Barriers such as low population density and rights of ways on federal lands have largely deterred private providers from extending commercial networks into rural areas in Utah. Please see Attachment B for a map of LTE service areas in Utah, provided by the Utah Broadband Project (Utah's designated broadband data authority for the NTIA and FCC).

- c. Please describe how the State plans to prioritize the grant activities to ensure coverage in, and participation by, rural areas. Please include specific plans, milestones, and metrics to demonstrate how you will achieve these requirements.

As described in questions 7b, rural areas of the State have minimal, if any, wireless LTE broadband services, with the vast majority of the State having no access to LTE. Responders working in the urban areas of the State are generally more familiar with wireless LTE broadband because they use it now in their day to day operations. Educating rural responders becomes more critical to gain buy in as they may not be familiar with the functionality that wireless broadband and/or LTE -enabled technology offers them.

The State of Utah is broken up into eight homeland security regions. Each region has a planning committee with members representing all public safety disciplines. These planning committees meet at least quarterly and are very active. By leveraging these already existing governance bodies, the SIEC can properly disseminate information and receive feedback from the rural areas of the State. The SWIC plans on attending these meetings to represent the SIEC and answer questions regarding the public safety broadband network.

In addition to outreach and education, these planning committees will be utilized to develop a rural coverage prioritization plan. Rural stakeholders would identify areas such as population centers, major highways and roadways, hazard areas, etc... and prioritize PSBN coverage that would fit their unique needs.

The SIEC broadband subcommittee is working on a comprehensive plan to address specific plans, milestones, and metrics that will put an emphasis on rural areas. This plan will be completed within the coming months, as directed by NTIA.

8. Existing Infrastructure

- a. What, if any, databases exist that collect data on government-owned wireless and/or communications infrastructure for the state, local, and/or tribal governments?

Each governmental agency that owns communications infrastructure own and maintain separate and individual databases. The State of Utah anticipates that, once the phase two requirements are released, we anticipate the need for additional staffing to collect, verify, and standardize this information from all agencies and compile into a single database.

In addition, the State of Utah has a history of establishing public-private partnerships, and as such, the design of statewide communications infrastructure may include a mix of public and private (commercial) networks. We therefore intend to consider a balanced approach between a private solution and public solution.

- b. If these databases exist, what is the process for updating them and how often do these updates occur?

Processes for updating databases vary by each individual agencies policies and procedures.

9. Existing Government-Owned Networks

- a. Describe how you plan to identify any hardening, security, reliability, or resiliency requirements that are currently required for existing government-owned networks within the State, including those networks at the local and tribal governments.

The SIEC plans to reach out and coordinate with local agencies who own communications infrastructure. Through a comprehensive Threat-Risk Analysis, we will then be able to assess and evaluate each agency's hardening, security, reliability and resiliency requirements. This will allow the SIEC to produce a best practice model using this information along with national standards.

- b. Describe how you plan to identify any existing contractual requirements regarding hardening, security, reliability, or resiliency for commercial carriers providing wireless data services within the State, including those at the local and tribal governments.

There are currently no existing contractual requirements for commercial carriers in regards to hardening, security, reliability or resiliency of their networks.

10. Network Users

- a. Describe how you plan to identify the potential users of the nationwide public safety broadband network within the State, including at the local and tribal governments.

As part of our outreach efforts, the SIEC will survey all potential public safety broadband network users in the State to understand their current wireless broadband and LTE usage along with their future needs. This will include state and local agencies or entities that would be involved in emergency response or disaster recovery scenarios. This data will give us insight into how users currently utilize wireless broadband for public safety and to also identify users who do not currently use wireless broadband or LTE.

We envision this survey to be more than just a mechanism to obtain a count of potential users but to also give us information on how users would use the Nationwide Public Safety Broadband Network.

We have tentatively identified potential users of the nationwide public safety broadband network within the State as follows:

- *Primary Users*

- *Daily users*
- *All Federal, State, Tribal, County and local law enforcement, fire and EMS entities*
- *Secondary Users*
 - *As needed by incident*
 - *All Federal, State, Tribal, County and Local government policy groups, Emergency Management entities, government infrastructure entities such as Public services/utilities (transportation, water and sewer, etc) and other government entities as needed by incident.*
- *Tertiary Users*
 - *As needed by incident*
 - *Private infrastructure entities such as privately held utilities, railroads, airports, transportation companies, wireless cellular providers, broadband providers, radio network providers, educational institutions, etc.*

A web-based survey tool would be developed with public safety broadband related questions. A link to this survey would be distributed to all police, fire and EMS agencies along with other potential users through their respective associations. We would then identify agencies that did not respond to the survey and reach out to them directly. Our goal would be to get every potential user agency to respond to the survey.

11. Education and Outreach

- a. Describe how you plan to educate and train multi-discipline, public safety and other government users of the nationwide public safety broadband network at your State, local, and tribal levels.

There are many professional organizations and associations for public safety in the State of Utah that encompasses each discipline. The SIEC will use these organizations to educate their members. Such methods would include presenting at these organization's meetings and conventions and by coordinated webinars. The organizations would also serve as a conduit to distribute educational documents and to keep their members updated throughout the process. Additionally, the SIEC plans to host all informational items, including educational and outreach materials, on their website.

Below is a list of organizations that have been identified by the SIEC that could assist with outreach and educations.

- *Association of Public Safety Communications Officials*
- *National Emergency Number Association*
- *Utah Chiefs of Police Association*
- *Utah Sheriff's Association*
- *Utah Fire Chief's Association*
- *Utah Emergency Management Association*
- *Utah Hospital Association*
- *Utah Tribal Leaders Council*

- *Utah 911 Committee*
- *Utah Leagues of Cities and Towns*
- *Utah Association of Counties*
- *Utah Division of Indian Affairs*
- *Utah Tribal Emergency Response Committee*
- *Association of Governments*
- *Peace Officer Standards and Training*
- *Utah Fire and Rescue Academy*
- *Salt Lake Valley Police Alliance*
- *Tribal Emergency Response Committee*
- *Others as identified by the SIEC*

As described in previous sections, the SIEC would utilize two additional staff members to assist the SWIC with one of those being dedicated to tribal outreach. These individuals would attend all association conferences and present on FirstNet and the PSBN. The following associations have been identified as having conferences and meetings that would be beneficial for us to attend and present to:

- *Utah Sheriff's Association*
- *Utah Chiefs of Police Association*
- *Utah Fire Chiefs Association*
- *Association of Public Safety Communications Officials*
- *Utah National Emergency Number Associations*
- *Utah League of Cities and Towns*
- *Utah Association of Counties*
- *Utah Tribal Emergency Response Committee*
- *Utah Emergency Management Association*
- *Utah Hospital Association*

In addition to attending and presenting at these meetings and conferences, the SIEC would hold annual regional workshops where local stakeholders would be invited to get the latest information about the activities of FirstNet and be able to provide .

Along with regional workshops, the SIEC would hold a statewide broadband summit where we would invite a member of the FirstNet board to attend and receive input from our local and state stakeholders and to give a progress report of their activities.

Vendors would be able to give workshops during this summit on current LTE technologies that are available and emerging technologies. This would assist with educating our stakeholders on how this technology and network will impact and benefit their day to day operations and provide a platform for agency level buy-in.

12. Memorandum of Agreements

- a. Describe any specific obstacles, laws, and/or legal issues that will likely impede your ability to participate fully in the nationwide public safety broadband network or in SLIGP.

We are unaware of any legal issues that would impede the State of Utah from participating in the Nationwide Public Safety Broadband Network.

13. Tools

- a. What are some of the software tools that the State has used and could apply to the planning and data collection activities associated with this program?

- *Communication Assets and Mapping (CASM)*
- *ESRI ArcGisDesktop*
- *ESRI ArcGIS Server*
- *Custom secure FTP*
- *Safe Software FME tools for data extraction, transformation, load (ETL) data standardization operations*
- *UEN Video Conferencing*

- b. Is the State aware of additional tools that could be useful for implementing allowable grant activities?

Yes

14. Phase Two Funding

- a. Describe the activities that you expect to undertake with the Phase two funding when it is made available to the State, Territory, or District.

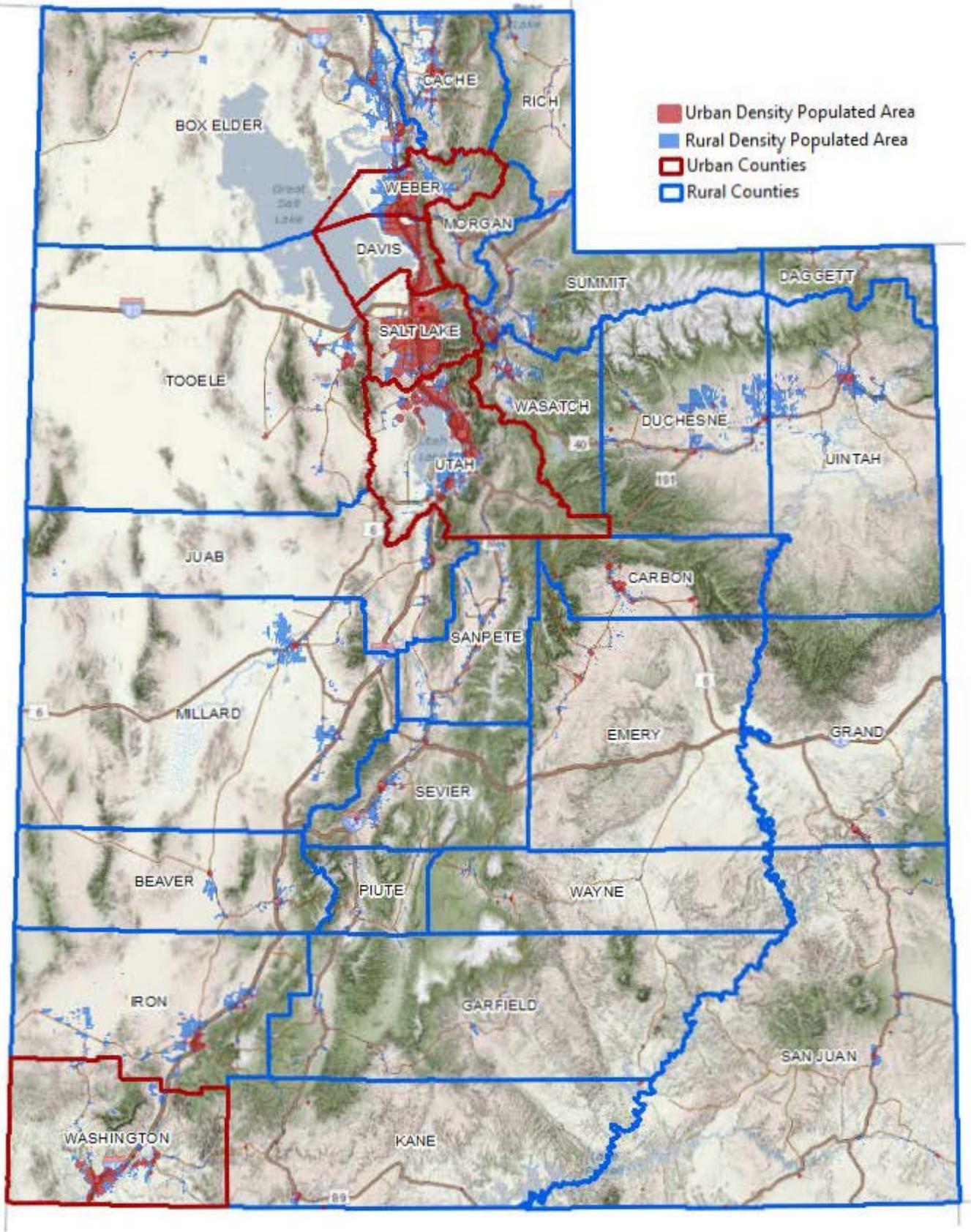
When the phase two requirements are released, the SIEC will produce a comprehensive plan which will detail our data collection strategy.

15. Other

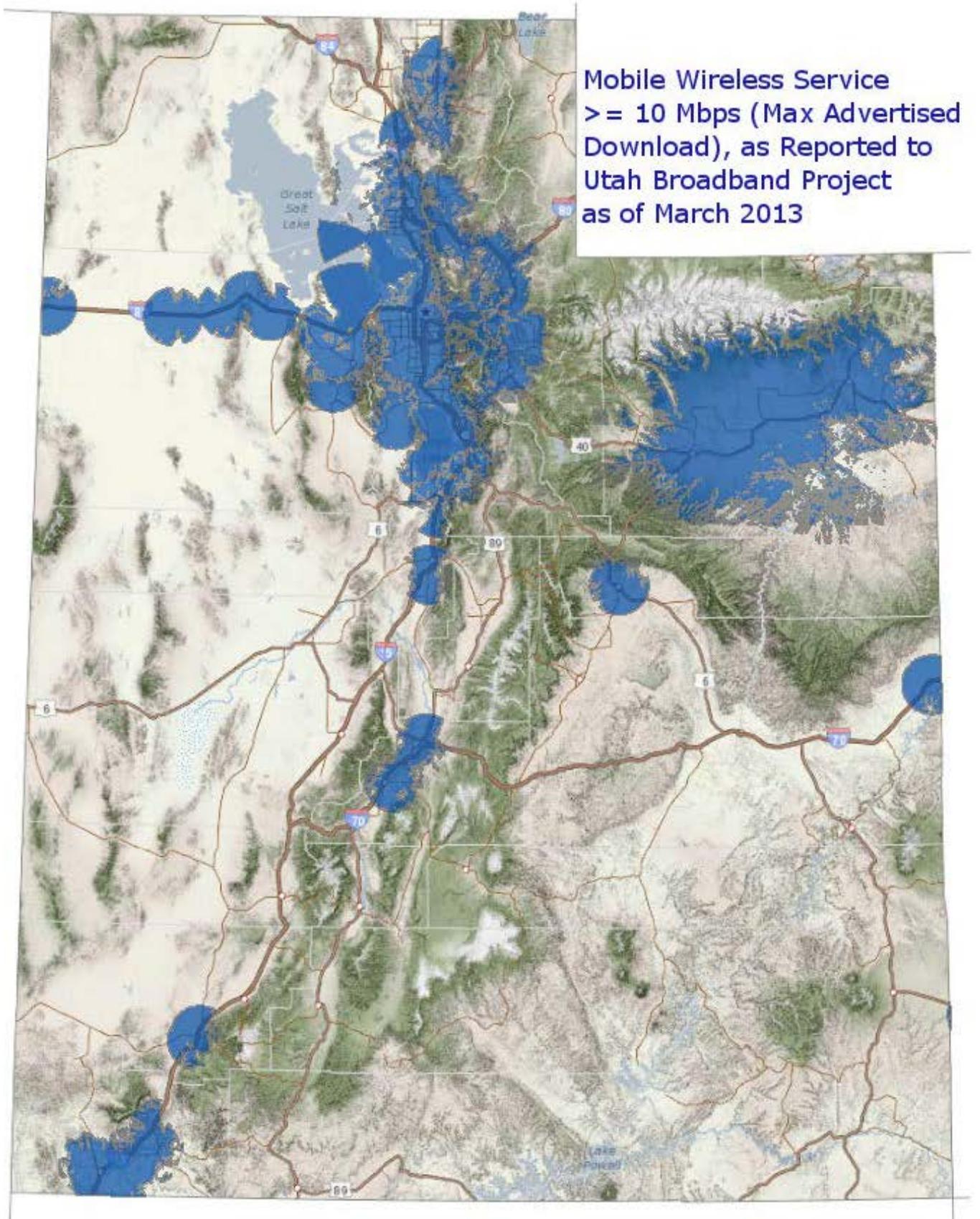
- a. Please list any consultants, vendors, or other entity that assisted in the preparation of this application.

None

Attachment A



Attachment B



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	11.549	\$ 1,782,235.00	\$ 445,559.00	\$	\$	\$ 2,227,794.00
2.						
3.						
4.						
5. Totals		\$ 1,782,235.00	\$ 445,559.00	\$	\$	\$ 2,227,794.00

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1) State and Local Implementation Grant	(2)	(3)	(4)	
a. Personnel	\$ 625,380.00	\$	\$	\$	\$ 625,380.00
b. Fringe Benefits	277,522.00				277,522.00
c. Travel	127,500.00				127,500.00
d. Equipment					
e. Supplies	8,794.00				8,794.00
f. Contractual	126,000.00				126,000.00
g. Construction					
h. Other	1,062,598.00				1,062,598.00
i. Total Direct Charges (sum of 6a-6h)	2,227,794.00				\$ 2,227,794.00
j. Indirect Charges					\$
k. TOTALS (sum of 6i and 6j)	\$ 2,227,794.00	\$	\$	\$	\$ 2,227,794.00
7. Program Income	\$	\$	\$	\$	\$

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SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS	
8. Phase One	\$ <input type="text"/>	\$ 289,199.00	\$ 156,360.00	\$ 445,559.00	
9.	<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"/>	
11.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
12. TOTAL (sum of lines 8-11)	\$ <input type="text"/>	\$ 289,199.00	\$ 156,360.00	\$ 445,559.00	
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. Phase One	\$ <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"/>	
18.	<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"/>	
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"/>		22. Indirect Charges: <input type="text"/>			
23. Remarks: Revised 8/5/2013					

SLIGP Budget Detail Spreadsheet

Category	Description	Federal	State	Total
Personnel				
	Full Time Employee Salary (90%)		\$189,000.00	\$189,000.00
	Full Time Employee Salary	\$210,000.00		\$210,000.00
	Full Time Employee Salary (Tribal Outreach)	\$210,000.00		\$210,000.00
	Grant Management	\$16,380.00		\$16,380.00
	Total:	\$436,380.00	\$189,000.00	\$625,380.00
Fringe Benefits				
	Benefits for FTE (90%)		\$85,050.00	\$85,050.00
	Benefits for FTE	\$75,452.00	\$15,149.00	\$90,601.00
	Benefits for FTE (Tribal Outreach)	\$94,500.00		\$94,500.00
	Benefits for Grant Manager	\$7,371.00		\$7,371.00
	Total	\$177,323.00	\$100,199.00	\$277,522.00
Travel				
	Out of State Travel	\$45,600.00		\$45,600.00
	Monthly Meetings	\$41,040.00		\$41,040.00
	Association Conferences	\$10,260.00		\$10,260.00
	State Broadband Summit	\$23,000.00		\$23,000.00
	Pre-award travel	\$7,600.00		\$7,600.00
	Total:	\$127,500.00		\$127,500.00
Supplies				
	Office Supplies	\$1,500.00		\$1,500.00
	Equipment	\$5,350.00		\$5,350.00
	Printing	\$1,944.00		\$1,944.00
	Total:	\$8,794.00		\$8,794.00
Contractual				
	Contract Work	\$126,000.00		\$126,000.00
	Total:	\$126,000.00		\$126,000.00
Other				
	Conference Registration Fees	\$9,600.00		\$9,600.00
	Phase II Activities	\$891,118.00		\$891,118.00
	In-kind Volunteer Hours		\$156,360.00	\$156,360.00
	Conference Center Reservation	\$300.00		\$300.00
	Cell Phone Reimbursement	\$5,220.00		\$5,220.00
	Total:	\$906,238.00	\$156,360.00	\$1,062,598.00
Grand Total:		\$1,782,235.00	\$445,559.00	\$2,227,794.00



State and Local Implementation Grant Program [SLIGP] Budget Detail Narrative

STATE OF UTAH

Submitted by:
Kevin Rose, SWIC

March 19, 2013 Revised 7/22/2013

Detailed Budget Justification

Personnel

The SIEC is allocating \$625,380 for personnel costs to support the current The Statewide Interoperability Coordinator (SWIC), two additional full time employees, and a grant manager (part time).

The SWIC is assigned exclusively to the SIEC and is the broadband subcommittee chairman. While the SWIC will be primarily focused on SLIGP activities, he will still have interoperable communications functions that he spends time on. We anticipate that 90% of the SWIC's time will be on SLIGP activities. The SWIC's current salary is estimated to be \$70,000 a year. $90\% \text{ of } \$70,000 \times 3 \text{ years} = \$189,000$. The full 90% of the SWIC salary will be used towards the 20% match requirements.

Additionally, the SIEC would like to hire an additional fulltime staff member who will assist the SWIC in planning and coordinating outreach, education, and data collection activities. This position will plan and attend local, regional, and state meetings and workshops on the public safety broadband network. They would also attend local and state coordinating meetings representing the SIEC on matters dealing with the public safety broadband network. This position will be 100% dedicated to SLIGP activities.

Understanding the unique challenges associated with outreach to the tribes, the subcommittee recommends hiring an additional staff member who will focus directly on outreach and education to all of Utah's eight tribes. This position will be responsible to engaged tribal stakeholders from each tribe, plan and coordinate tribal meetings and presentations, and address any specific tribal needs to relation to the Nationwide Public Safety Broadband Network (NPSBN). This position will be 100% dedicated to SLIGP activities.

The salary for the additional two employees was calculated using the SWIC's current estimated salary. $\text{Salary of } \$70,000 \times 3 \text{ years} \times 2 \text{ staff members} = \$420,000$

Additionally, the SIEC anticipates entering into an inter-agency agreement with another state agency, such as the State Administrative Agency (SAA), to provide expertise to manage the financial aspects of the grant. This person would manage the financial aspects of the grant along with submitting grant progress reports. They estimate spending roughly 3 hours a week on grant management at a rate of \$35 an hour. $(3 \times 52 \text{ weeks} \times 3 \text{ years} \times \$35 = \$16,380 \text{ for salary})$.

Fringe Benefits

The SIEC is allocating \$281,421 for fringe benefits. The SWIC's current estimated fringe benefit is \$31,500 a year. To calculate the fringe benefits for the two additional employees and the part time grant manager we estimated it to be 45% of their salary.

For the SWIC, we calculated 90% of his fringe benefits. $90\% \text{ of } \$31,500 \times 3 \text{ years} = \$85,050$. The full 90% of the SWIC fringe benefits will be used towards the 20% match requirements.

For the two additional full time employees we estimated their salary to be \$70,000 a year. $45\% \text{ of } \$70,000 = \$31,500 \times 3 \text{ years} = \$94,500$. \$75,452 of fringe benefits for the first position will be funded by federal funds while \$19,048 will be funded by state funds for a total of \$94,500. \$12,899 from state funded benefits for this position will be used towards the 20% match requirements. The remaining \$6,149 will not be counted towards the grant.

The \$94,500 in fringe benefits for the second position will be funded 100% by federal funds. The total for both positions is \$189,000 with \$182,851 funded by the grant.

For the grant manager we estimated \$5,460 a year in salary $\times 3 \text{ years} = \$16,380$. $45\% \text{ of } \$16,380 = \$7,371$.

Travel

\$127,500 is allocated for travel related expenses. In order to adequately plan and prepare for FirstNet, the SIEC needs to engage in active discussions nationally regarding the NPSBN. The SIEC intends on having participation at all national events and meetings that provide pertinent discussion or topics related to the NPSBN.

The SIEC's plan for outreach and education include extensive statewide engagement. Travel funding will be used to cover expenses incurred from in-state travel to support training and meetings with local and tribal stakeholders.

Out of State travel:

Airfare: \$400 round trip per person

Hotel: \$150 a night per person

Per-diem: \$50 a day per person

Parking, luggage, transportation: \$100 a trip

Total out of State Travel Costs for a 3 day/2 night trip: \$950

4 people going to 4 trips a year for 3 years = \$45,600

Pre-award travel costs to attend the regional workshop:

8 people x \$950 = \$7,600

In State travel:

Hotel: \$150 a night per person

Per-diem: \$40 a day per person

Rental car and fuel: \$75 a day

Cost to attend local monthly meetings: \$150 for hotel + \$80 for two days of per-diem + \$150 for rental car and fuel x 3 people x 12 meetings a year x 3 years = \$41,040

Cost to attend association conferences: \$150 for hotel + \$80 for two days of per-diem + \$150 for rental car and fuel x 3 people x 3 meetings a year x 3 years = \$10,260

Cost to reimburse locals to attend the Broadband Summit Workshop:

\$150 for hotel + \$80 for per-diem x 100 people = \$23,000

Supplies

The SIEC intends on holding multiple statewide and regional meetings with local and tribal stakeholders to educate and receive input from them regarding the NPSBN implementation. We will also have representation at any local conferences and summits that allow us to engage stakeholders such as APCO, Sheriff, Police, Fire, and EMS conferences, etc... \$8,794 will be allocated to support these activities by allowing us to purchase the necessary supplies, documents, and other informative materials to maximize our effectiveness during these activities.

Printing:

The State Printing Service charges 92 cents per page for high quality documents. We anticipate handing out 50 documents at each local monthly meeting (600), 300 documents at 4 association (1200) conferences per year and 150 at the State Broadband summit. $600 + 1200 + 150 = 1,950$ documents total x .92 cents = \$1,794 with an additional \$150 to put together a booth display to be used at association conference (state printing estimate). Total: \$1,944

Office Supplies:

We estimate needing \$500 a year for office supplies for 3 people. This would include items such as printer paper, toner, pens, stapler, staples, etc... This was calculated by our office manager using existing expenses to support the current SWIC and adding in costs for an additional 2 employees. \$500 a year x 3 years = \$1,500

Equipment:

Costs based on state contract pricing.

Laptop: \$1,299 for two employees = \$2,598. The current SWIC already has a laptop that was purchased by the State.

Printer: \$809 to be shared by all three employees

Monitor: \$299 for two employees = \$598

Projector: \$1,345

Equipment Total: \$5,350

Grand Total for Supplies: \$8,794

Contractual

The SIEC realizes the need to utilize 3rd party firms in developing educational material and other needs requiring specific expertise such as marketing, research, website development, etc.... We have budgeted \$126,000 to support contracting with private companies to assist us in these efforts. An example would be contracting with a marketing firm to develop educational materials that could be utilized to more effectively educate the local and tribal stakeholders.

We calculated an hourly rate of \$175 and estimate them to spend 20 hours a month for 3 years. $\$175 \times 20 \times 12 \times 3 = \$126,000$.

Other

50% of the federal award has been reserved in this category for phase II activities. Once FirstNet releases the data collection requirements and NTIA releases the phase II funding, we will create a data collection plan and update our phase two budget to align with the financial needs of the plan.

Conference Room:

\$300 for conference center reservation for the State Broadband Summit. This was estimated by a local conference center for a one day room rental.

Cell phone:

The State reimburses \$50 a month to employees for cell phone service. $\$50 \times 12 \text{ months} \times 2 \text{ employees} = \$3,600 + \$1,620$ for 12 months of cell phone reimbursement for the SWIC at 90% of the cost = \$5,220

Donated Volunteer Hours:

We estimate \$34,560 in donated hours from the local representatives that serve on the SIEC's broadband subcommittee. There are 16 eligible members who attend monthly meetings that last approximately 2 hours. We estimate the average wage to be \$30 an hour. $16 \text{ members} \times 2 \text{ hour meetings} \times 12 \text{ meetings a year} \times 3 \text{ years} \times \$30 = \$34,560$.

We estimate \$40,500 in donated hours from the members of our SIEC. There are 25 members who attend monthly meetings where at least 1 hour will be spent discussing the NPSBN. We estimate their average wage to be \$45 an hour. $25 \text{ members} \times 1 \text{ hour meetings} \times 12 \text{ meetings a year} \times 3 \text{ years} \times \$45 = \$47,250$.

For phase II activities we anticipate utilizing the broadband subcommittee to gather information on local and state assets. This information would be collected, analyzed, and submitted to FirstNet by the broadband subcommittee. We estimate the subcommittee members will spend 160 hours on data collection activities. $16 \text{ members} \times 160 \text{ hours} \times \$30 = \$76,800$

Total donated hours: \$158,610

Conference Registration Fees:

We anticipate sending four people to two conferences a year that require a registration fee. Such conferences would include industry association and expositions with a focus on public safety broadband (APCO, IWCE, PSCR, etc...). We estimate that the average registration fee is \$400. $4 \text{ people} \times 2 \text{ conferences a year} \times 3 \text{ years} \times \$400 = \$9,600$

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>Kevin Rose</p>	<p>* TITLE</p> <p>Statewide Interoperability Coordinator</p>
<p>* APPLICANT ORGANIZATION</p> <p>State of Utah Department of Technology Services</p>	<p>* DATE SUBMITTED</p> <p>03/15/2013</p>

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

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
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4. Name and Address of Reporting Entity:

Prime SubAwardee

* Name: State of Utah

* Street 1: 1 State Office Building Street 2: Floor 6

* City: Salt Lake City State: UT: Utah Zip: 84114

Congressional District, if known: _____

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

6. * Federal Department/Agency: NTIA	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: \$ 1,825,000.00
---	--

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: Kevin Rose

* Name: Prefix _____ * First Name Kevin Middle Name _____
* Last Name Rose Suffix _____

Title: SWIC Telephone No.: 8015383700 Date: 03/15/2013

Federal Use Only:	Authorized for Local Reproduction Standard Form - LLL (Rev. 7-97)
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0348-0046

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4. Name and Address of Reporting Entity:

Prime SubAwardee

* Name:

* Street 1: Street 2:

* City: 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: <input type="text" value="NTIA"/>	7. * Federal Program Name/Description: <input type="text" value="State and Local Implementation Grant Program"/> CFDA Number, if applicable: <input type="text" value="11.549"/>
---	---

8. Federal Action Number, if known: <input type="text"/>	9. Award Amount, if known: \$ <input type="text" value="1,825,000.00"/>
--	---

10. a. Name and Address of Lobbying Registrant:

Prefix * First Name Middle Name

* Last Name Suffix

* Street 1: Street 2:

* City: State: Zip:

b. Individual Performing Services (including address if different from No. 10a)

Prefix * First Name Middle Name

* Last Name Suffix

* Street 1: Street 2:

* City: State: Zip:

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* Signature:

* Name: Prefix * First Name Middle Name

* Last Name Suffix

Title: Telephone No.: Date:



State of Utah

GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

Office of the Governor

March, 4 2013

National Telecommunications and Information Administration
US Department of Commerce
1401 Constitution Avenue, NW
HCHB, Room 7324
Washington, DC, 20230

To Whom It May Concern:

I am appointing the Utah Statewide Interoperability Executive Committee to serve as the coordinator for the State and Local Implementation Grant Program. The committee will also be the governing body, working with FirstNet, to plan for the build out of the Nationwide Public Safety Broadband Network in Utah. The contact person for the grant will be the Statewide Interoperability Coordinator.

Sincerely,

A handwritten signature in black ink that reads "Gary R. Herbert".

Gary R. Herbert
Governor



State of Utah

GARY R. HERBERT
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GREG BELL
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Gary R. Herbert
Governor



State of Utah

GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

**Department of
Technology Services**

Mark VanOrden
CIO
Executive Director

March 14, 2013

To Whom It May Concern:

The Statewide Interoperable Executive Committee (SIEC) has been appointed by the governor to serve as the governing body to oversee the State and Local Implementation Grant program and to work with FirstNet in planning for the implementation of the Nationwide Public Safety Broadband Network in Utah.

Kevin Rose is our Statewide Interoperability Coordinator and will be the point of contact for the SIEC for matters related to the Nationwide Public Safety Broadband Network and the State and Local Implementation Grant. His contact information is below.

Kevin Rose
1 State Office Building
Floor 6
Salt Lake City, UT 84114

Office: 801 538-3700
Cell: 801 920-3967
kevinrose@utah.gov

Sincerely,

A handwritten signature in black ink that reads "Mark VanOrden".

Mark VanOrden
Executive Director and
Chief Information Officer