

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"/>	
* 3. Date Received: 03/15/2013		4. Applicant Identifier: <input type="text"/>			
5a. Federal Entity Identifier: <input type="text"/>			* 5b. Federal Award Identifier: <input type="text"/>		
State Use Only:					
6. Date Received by State: <input type="text"/>		7. State Application Identifier: <input type="text"/>			
8. APPLICANT INFORMATION:					
* a. Legal Name: Georgia Emergency Management Agency (GEMA)/Homeland Security					
* b. Employer/Taxpayer Identification Number (EIN/TIN): 58-0973190			* c. Organizational DUNS: 137517624		
d. Address:					
* Street1: 935 East Confederate Avenue, SE		<input type="text"/>			
Street2:		<input type="text"/>			
* City: Atlanta		<input type="text"/>			
County:		<input type="text"/>			
* State:		GA: Georgia			
Province:		<input type="text"/>			
* Country:		USA: UNITED STATES			
* Zip / Postal Code: 30316-0055		<input type="text"/>			
e. Organizational Unit:					
Department Name: Georgia Emergency Mgmt Agency			Division Name: Homeland Security		
f. Name and contact information of person to be contacted on matters involving this application:					
Prefix: Ms.		* First Name: Ceporia			
Middle Name:		<input type="text"/>			
* Last Name: McMillian		<input type="text"/>			
Suffix:		<input type="text"/>			
Title: Director of Finance					
Organizational Affiliation: Georgia Emergency Management Agency					
* Telephone Number: 404-635-7041		Fax Number: 770-302-7683			
* Email: ceporia.mcmillian@gema.ga.gov					

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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.):

This project will be implemented statewide.

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

The State of Georgia will coordinate a two phase program (planning phase and implementation phase) which will allow us to implement a nationwide, interoperable, public safety broadband network.

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

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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="3,306,657.00"/>
* b. Applicant	<input type="text" value="0.00"/>
* c. State	<input type="text" value="826,664.00"/>
* 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="4,133,321.00"/>

*** 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:

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*** 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.

Supplemental Application Narrative (as of 05/13/2013)
Georgia State and Local Implementation Grant Program (SLIGP) Proposal

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.*

Currently, at the state level, a communications subcommittee of the Homeland Security Task Force (HSTF), in conjunction with the Georgia Emergency Management Agency/Homeland Security (GEMA/HS), is charged with the responsibility of overseeing the interoperability effort in Georgia. The purpose of the State's Homeland Security Task Force is to advise the Director of Homeland Security on issues related to terrorism and homeland security. The HSTF was created by Executive Order; however, the communications subcommittee operates without an executive or legislative order and serves only in an advisory capacity to GEMA/HS. The Homeland Security Director appoints the chairman of the committee, and the chairman recommends the membership of the interoperability committee. The Director of Homeland Security reviews the suggested list for approval. There is no specific term of office for the members of the task force or the committees. The following agencies and associations are represented on the HSTF:

State Agencies

- Department of Agriculture
- Department of Defense (Georgia National Guard)
- Department of Homeland Security
- Department of Human Resources, Public Health
- Department of Natural Resources
- Department of Transportation
- Georgia Bureau of Investigation

- Georgia Emergency Management Agency
- Georgia State Patrol

Professional Associations:

- Georgia Association of Chiefs of Police
- Georgia Association of Fire Chiefs
- Georgia Sheriffs' Association
- Georgia Municipal Association
- Association County Commissioners of Georgia

Georgia Business Community:

- Represented by the Georgia Power Company

Georgia is reorganizing the SIGB effort by creating a new committee: the Georgia Statewide Public Safety Interoperability Executive Committee (PSIEC). The PSIEC will include representatives from many of the same state agencies and professional organizations that are currently represented on the HSTF. However, the PSIEC will be directly chaired by the Director of the Georgia Emergency Management Agency/Homeland Security (GEMA/HS). The involvement of professional associations on the PSIEC provides the State with an important mechanism for reflecting the viewpoints and needs of state and local agencies in Georgia's public safety planning efforts.

By Executive Order of the Governor, the Public Safety Interoperability Executive Committee (PSIEC) was established in March 2013 to oversee the Public Safety Interoperability issues in Georgia, to include potential Public Safety Broadband Networks (PSBN). This committee is made up of many of the same agencies and professional organizations already present on the HSTF due to their public safety and communications expertise. These agencies and professional organizations regularly communicate with, survey, and issue reports to their constituents on a wide variety of public safety issues, one of which will now be items of interest for the PSBN project.

In addition, the PSIEC will involve, via GEMA/HS, local governments' participation and input through its regular consultation with the regional All Hazards Councils (AHC) in

Georgia. These councils have membership from local governments throughout each region of Georgia, and one of their primary continuing concerns is public safety communications. At these councils, local government and public safety executives have the opportunity to attend and express their ideas and concerns about the issues at hand.

GEMA /HS also has a robust network of local liaisons through its use of the Field Coordinator Program, one of which is in each of the eight GEMA regions. This GEMA/HS employee serves as a primary point of contact for local officials to direct a wide variety of concerns and issues to, and serves as a facilitator at many local public safety events and meetings. Any PSBN related concerns voiced to the Area Field Coordinators will be forwarded to the GEMA PSBN Coordinator for action. Finally, PSIEC members, particularly the Statewide Interoperability Coordinator (SWIC), have established strong working relationships with public safety professionals in local governments throughout the state during the implementation of the Georgia Interoperability Network (GIN), which has placed public safety answering point systems in most counties. This well-developed “networking” will be also utilized to foster the flow of information between the PSIEC and local officials.

- b. Describe the SIGB’s authority to make decisions regarding public safety communications and how these decisions are implemented.*

The current SIGB lacks the authority to make decisions regarding public safety communications. Instead, it acts in an advisory capacity to the Director of GEMA/HS, who has the authority to make and execute decisions.

The newly established PSIEC, which would become the SIGB, will have executive authority to:

1. Establish policies regarding the implementation of interoperable communications (when such implementation shall involve or affect state-owned communications resources or statewide communications systems.)

2. Review and adopt the Statewide Communications Interoperability Plan (SCIP), or similar official state strategic plan on interoperable communication, for guidance on the goals and objectives of this Committee.
3. Review plans to utilize any State-owned tangible and intangible communications assets to support public safety as long as such utilization does not adversely affect the primary purpose of the assets.
4. Review plans for the deployment of new communications assets that will affect statewide public safety communications.
5. Review plans for the procurement, installation, operation, and maintenance of communications systems to support or enhance public safety.
6. Review plans for the issuance of Requests for Proposals (RFPs) and/or Requests for Quotes (RFQs) for equipment or services necessary to implement or improve public safety communications systems.
7. Review contracts and/or agreements for equipment or services to implement or improve public safety communications systems, when funding is available.
8. Review applications for grants and other proposals for financial assistance in the implementation of the State interoperable communication network.
9. Establish subcommittees and working groups as necessary to accomplish the purposes of the committee.
10. Make recommendations to the Governor regarding public safety communications.

The appropriate staffs of the agencies represented on the PSIEC will implement these decisions. The PSIEC can also involve other state agencies or outside resources. The main conduit for this engagement will be through GEMA/HS, which is the State Administrative Agent for purposes of administering federal and state funds associated with the National Public Safety Broadband Network (NPSBN).

- 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.*

As discussed in parts 1a) and 1b), the State has created a new organization to take the place of the previous SIGB. However, the existing SIGB's experience will be leveraged

by including many of the same agencies as members of the new PSIEC, while giving this committee more authority to make and execute decisions.

- 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?*

Expertise in wireless broadband and LTE will need to be provided to the PSIEC to facilitate consultations with FirstNet. To help with this endeavor, the PSIEC will likely form three subcommittees initially: a technical advisory subcommittee, a land mobile radio (LMR) subcommittee, and a finance subcommittee. The technical advisory subcommittee, which will advise the executive committee on the technical issues of importance, will be comprised of personnel from the member agencies with technical and business knowledge of broadband and LMR. Additionally, the State has an invaluable asset in Georgia Tech, one of the top five engineering institutions in the country. For over a decade, the Georgia Tech Research Institute (GTRI) has provided technical expertise to the State in the area of interoperable and cutting-edge communications. GTRI is Georgia Tech's applied research arm and will continue to play a vital role through this committee as a sister state agency, providing unbiased technical expertise when 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 State dedicates sufficient financial resources to the current SIGB. However, with the establishment of the new PSIEC, Georgia will be investing funds received from the SLIGP to financially support the new SIGB. The SLIGP will be used to cover the meeting expenses for the PSIEC and its subcommittees, as well as travel expenses for those attending the meetings. The total amount of funding necessary for this is budgeted as \$136,000.

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?*

In 2012, Georgia revised its SCIP to include a goal for planning a statewide Public Safety Broadband Network in alignment with the goals of the National Public Safety Broadband Network (NPSBN). The objectives for meeting this goal are to:

- Revisit the state's governance structure to ensure that broadband planning efforts include all levels of government
- Work with state and national associations to ensure that a consistent message on public safety broadband is delivered throughout Georgia
- Monitor all levels of broadband planning efforts in the state
- Develop Public Safety Broadband planning goals and objectives for Georgia public safety agencies based on ongoing developments

The Georgia Emergency Management Agency/Homeland Security (GEMA/HS) is working with other public safety agencies within the state to address many of the governance and management expectations for broadband efforts. Through the Georgia SCIP, GEMA/HS expects that Georgia will develop an all-inclusive governance structure to address broadband planning efforts.

The SCIP will continue to be updated on an annual basis under the leadership of the statewide interoperability coordinator (SWIC) with technical assistance by the public safety communications researchers in the Georgia Tech Research Institute. This process will involve extensive involvement with stakeholders in local and state government through technical workshops, the All Hazards Council consultation process, and individual interviews.

- 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.*

To date, Georgia has done minimal planning toward the incorporation of broadband

wireless radio capability into public service agencies. Therefore, future planning efforts for implementation of FirstNet can adopt the NPSBN planning approach without the need for reconciling it with an existing planning template.

Georgia has implemented other projects to implement public safety broadband capability, most notably the build-out of the Georgia Interoperability Network (GIN). This project, leveraged a statewide MPLS network and involved coordination of approximately 150 local public safety answering point systems (PSAPs) and five to six state agencies. Support for users of the GIN involved kickoff meetings at which local needs and capabilities were assessed as well as extensive technical assistance through telephone calls and e-mail exchanges. The State provided training through technical workshops in each region and developed an online training course for GIN operators that more than 1,200 persons have completed.

Another outreach mechanism for providing information about broadband radio to local jurisdictions has been the Georgia regional All Hazards Councils (AHC). More information on the AHCs is presented in Section 4a of this proposal narrative.

- 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.*

The state will use SLIGP funding to update the Georgia SCIP as the new Georgia Statewide Public Safety Interoperability Executive Committee defines the public safety broadband strategy. The SCIP is maintained by the SWIC. The SLIGP grant will provide \$59,409 to the fund the SWIC position, and the SCIP will be updated as part of that effort based on the efforts of the PSIEC and FirstNet.

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?*

Georgia funds the position of a full-time SWIC, which is held by Mr. Nick Brown of the Georgia Emergency Management Agency/Homeland Security's Division of Homeland Security. Mr. Brown will continue to oversee maintenance and revision of the SCIP, assist the new Public Safety Broadband Network coordinator in interfacing with specific existing state programs, and provide input on the implementation of the SLIGP in Georgia to the PSIEC.

- 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?*

Georgia's Chief Information Officer (CIO), who also serves as the Director of the Georgia Technology Authority, is a member of the Georgia Statewide Public Safety Interoperability Executive Committee, which oversees implementation of the SLIGP, as well as PSIEC subcommittees. Georgia's Chief Technology Officer (CTO), who resides at the Georgia Technology Authority, is a member of the standing technical advisory committee of the PSIEC. The roles of both CIO and CTO are specifically designated in the Governor's Executive Order establishing the PSIEC.

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

The following state organizations and agencies will have representatives on the Georgia Statewide Public Safety Interoperability Executive Committee:

- The Governor's Office of the State of Georgia
- Georgia Department of Administrative Services
 - Provides business services to state agencies, including contracting expertise, state purchasing, fleet management, surplus property, risk management, and human resources.
- Georgia Department of Corrections
 - Creates a safer Georgia by effectively managing offenders and providing opportunities for positive change. Provides to the

committee the Interoperability interests and needs of the correctional community

- Georgia Department of Natural Resources
 - Sustains, enhances, protects and/or conserves Georgia's natural, historic and cultural resources. Has public safety communication interests in the more rural areas of the state
- Georgia Department of Public Safety
 - Although focused primarily on the enforcement of traffic laws and investigation of traffic crashes, the Department of Public Safety will support the efforts of all public safety agencies to reduce crime, apprehend those who commit them, and respond to natural and manmade disasters. Is the business manager for the Georgia Interoperability Network (GIN).
- Georgia Bureau of Investigation
 - Provides the highest quality investigative, scientific, and information services and resources to the criminal justice community and others as authorized by law, for the purpose of maintaining law and order and protecting life and property. Manages the Georgia Crime Information Network, Fingerprint data and Criminal History Databases.
- Georgia Emergency Management Agency/Homeland Security
 - Provides a comprehensive and aggressive all-hazards approach to homeland security initiatives, mitigation, preparedness, response, recovery and special events in order to protect life and property and prevent and/or reduce negative impacts of terrorism and natural disasters in Georgia. Is the designated SAA for most Federal Homeland Security grant programs in the state, including the SLIGP.

- Georgia Forestry Commission
 - Provides leadership, service and education in the protection and conservation of Georgia's forest resources. Has extensive rural communications experience and infrastructure as well as issues surrounding communication in wildfire situations.
- Governor's Office of Planning and Budget
 - Analyzes agency budget requests and policy issues, and develops comprehensive budget recommendations, as well as acts as the principal agent for the development of the state strategic plan.
- Georgia Technology Authority
 - Manages the delivery of IT infrastructure services to 85 Executive Branch agencies and managed network services to 1,400 state and local government entities.
- Georgia Association of Chiefs of Police
 - Promotes cooperative, professional relationships among law enforcement agencies throughout the state, evaluates the standards of police institutions and the profession, offers quality training and continuing education for administrators, and provides opportunities for police executives to exchange information and experiences. Serves to survey law enforcement executives statewide and assist in communicating their issues concerns to the state committees.
- Georgia Association of Emergency Medical Services
 - Dedicated to helping EMTs and Paramedics who work in the State of Georgia. Provides to the committee the Interoperability interests and needs of the emergency medical and ambulance community.
- Georgia Fire Chiefs Association
 - Works to assure statewide delivery of quality Fire, Rescue and EMS services to the citizens of Georgia. Provides to the committee the Interoperability interests and needs of the local fire services community.

- Georgia Sheriff's Association
 - Promotes and further professionalizes the Office of Sheriff in order to enhance public safety throughout Georgia. Serves to survey County elected law executives statewide and assist in communicating their issues concerns to the state committees.
- Georgia Municipal Association
 - Anticipates and influences the forces shaping Georgia's communities, and provides leadership, tools and services that assist local governments in becoming more innovative, effective and responsive. Assists in communications with and sharing the concerns of local elected municipal officials.
- Association County Commissioners of Georgia
 - Works to ensure that the counties can provide the necessary leadership, services and programs to meet the health, safety and welfare needs of their citizens. Assists in communications with and sharing the concerns of local elected county officials.

The executive order establishing the PSIEC mandates “[t]hat State agency members of the committee shall provide staff and other resources, as necessary, to perform the functions of this Committee.” As such, the state agencies will provide the necessary manpower and expertise for the committee, and one of the key methods for this provision will be by serving on working groups and subcommittees. One subcommittee is named in the executive order: the standing Technical Advisory subcommittee. However, other subcommittees will later be established to provide focused leadership in areas such as finance, public/private partnerships, and community outreach.. The establishment of these and other subcommittees will be considered by the PSIEC after its initial meeting at the end of May 2013.

- 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.

Staff for these purposes will consist of personnel from Georgia state agencies currently assigned to the roles of overseeing and managing public safety communications networks. Georgia foresees adding one new position: PSBN coordinator. This person would reside in GEMA/HS and would be charged with coordinating the PSBN effort in the state. The funding budgeted for this position is \$369,000 over three years.

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

The PSIEC will ask private utility service companies to provide input, when requested, in the SLIGP planning process and serve as a clearinghouse for reviewing technologies associated with public safety broadband implementation (e.g., devices and applications).

The PSIEC will identify secondary users (e.g., public health agencies, hospitals, utilities, etc.) and invite them to participate in a working group that provides advice to the committee as a whole and its subcommittees.

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?

Georgia has 159 counties and more than 500 municipal governments. The Georgia Constitution specifically provides for “home rule” for counties and municipalities in Georgia. While county home rule is constitutionally prescribed, cities may be granted the same right by the state legislature. In both cases the county or city is authorized to adopt “clearly reasonable ordinances, resolutions, or regulations . . . for which no provision has been made by general law and which is not inconsistent with” the Constitution of Georgia.

- 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.*

The PSIEC will coordinate its activities with local jurisdictions through direct contacts as well as through a variety of professional associations and regional coordinating bodies. Prominent professional associations for local jurisdictions in the state are the Georgia Municipal Association (GMA), Association County Commissioners of Georgia (ACCG), the Georgia Association of Chiefs of Police (GACP), the Georgia Association of Emergency Medical Services (GAEMS), the Georgia Fire Chiefs Association (GFCA), and the Georgia Sheriff's Association (GSA). Professional organizations with a specific interest in public safety radio communication are the Georgia chapters of the Association of Public-Safety Communications Officials (APCO) and the National Emergency Number Association (NENA).

The principal regional coordinating bodies with involvement in public safety communications are the eight Georgia All Hazards Councils (AHC). These councils bring together community leaders and key consequence managers to develop preparedness, response and recovery strategies for all disasters, both natural and man-made, for their region. These councils normally have communications subcommittees. AHCs are composed of sheriffs, police chiefs, public health directors, fire chiefs, emergency medical services directors, medical examiners, 9-1-1 center directors, emergency managers, mayors and county commissioners. Additional members may be added as needed.

Representatives of the PSIEC will attend many of the regular All Hazards Councils meetings to brief them on continuing developments in planning and implementation of the Public Safety Broadband Network in Georgia and receive their advice. In addition, the PSIEC will conduct periodic technical workshops and other meetings through the assistance of and coordination with the All Hazards Councils.

Local jurisdictions will participate in the SLIGP process through representation on the Georgia Statewide Public Safety Interoperability Executive Committee by members from the following advocacy organizations:

- Georgia Association of Chiefs of Police
- Georgia Association of Emergency Medical Services
- Georgia Fire Chiefs Association
- Georgia Sheriff's Association
- Georgia Municipal Association
- Association County Commissioners of Georgia

c. *Describe past methods the State has used to successfully coordinate statewide projects or activities with local government jurisdictions.*

The State of Georgia has had great success working with local government representatives on public safety communications issues through professional advocacy associations and the regional All Hazards Councils. The best example of the effectiveness of working through the AHCs has been the State's coordination with these councils in the successful build-out of the Georgia Interoperability Network (GIN). The GIN is installed in almost 150 PSAPs around the state. Each of these PSAPs received personalized kickoff meetings and workshops to design the system to meet local needs. This personalized attention worked well to establish trust and two-way communications between the state and the local jurisdictions.

Working under contract to GEMA/HS, the Georgia Tech Research Institute (GTRI) also conducted over twenty functional exercises across the state to educate 911 center personnel about the capabilities of the GIN and eight functional exercises on the use of the network in the state's mobile communications vehicles. In the training domain, GTRI has developed and delivered three online courses to enhance understanding of the GIN: the basic operator's course, the supervisor's course, and an introduction to radio communications course. GTRI is currently completing an online course on "Designing Radio System Infrastructures for GIN Users" and will soon complete publication of a paper publication called the GIN Users Reference Guide, with key commands for system operators.

Training resources will continue to be broadened and enhanced through use of a new learning management system used widely by educational institutions throughout the

United States and abroad.

During 2009, GTA transitioned the management and operations of the State telecommunications network to ATT. This activity required coordination with several hundred telecommunications services customers which included local government entities.

GTA oversees, manages and processes over 12,000 Federal Communications Commission (FCC) licenses, applications and queries annually. GTA's spectrum management group focuses on supporting the radio frequency needs of both state and local public safety agencies, ensuring compliance with state plans and federal regulations, and processing and validating FCC license applications prior to their submittal to the FCC. GTA is an active member of and works closely with the Association of Public Safety Officers (APCO) and the Region 10 (Georgia), 700 and 800MHz Regional Planning Committee (RPC) to ensure adherence to their plans and requirements.

GTA currently manages the State Broadband Program Initiative funded by NTIA. Through this program GTA is partnered with Sanborn corporation and the University of Georgia Carl Vinson Institute of Government. The team is working with all broadband service providers, utilities and government entities to inventory and map broadband infrastructure and services available statewide. The inventory includes wireline and wireless geospatial analysis and mapping to provide coverage maps by technology and by speeds available. The GTA team and partners will provide additional data collection, inventory and analysis resources to the State's FirstNet planning team.

The program is partnered with Georgia's twelve regional planning commissions to develop broadband plans for each region statewide. Through this program GTA and the Regional Commissions can assist Georgia's FirstNet outreach, awareness and coordination.

- 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?

The primary challenges faced by the State in working with local jurisdictions are the large number of counties and municipalities, the high rate of turnover in the communications staffs of these jurisdictions, travel restrictions that prevent local representatives from participating in state-sponsored training and exercises, conflicting priorities by local jurisdictions, and lack of local expertise in communications and broadband activities.

One of the State's main strategies to overcome these difficulties is to involve representatives from local advocacy organizations on the PSIEC governing board for the FirstNet implementation. The use of these professional associations on the executive committee will provide multiple avenues of communication with local jurisdictions. The State will continue to address the large number of counties and municipalities along with conflicting local priorities by working through All Hazards Council communications subcommittees, which have local representatives from throughout their regions and have an established network for interaction with local governments. The councils are better placed for resolving conflicts between the jurisdictions they serve.

Georgia will address the high rate of turnover, lack of local expertise in communications, travel restrictions in two ways: 1) by offering frequent technical assistance workshops, proscribed guidance and best practice information, and interoperable and PSBN exercises and training to appropriate local representatives in strategically located areas of the state (which are easier and less expensive for local personnel to reach); and 2) by expanding its established portal for web-based communications training, which provides free training offerings continuously without requiring the student to travel long distances. Web training resources allow communications personnel to refresh themselves on key technical topics as often they need from their offices or home computers. The training portals provide students with the ability to ask follow-up questions by email or phone on topics that require clarification.

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.*

Georgia has well-established and much-practiced mechanisms in place to respond to disasters and other large-scale emergencies. However, in the wake of 2001's terrorist attacks against the United States, it became evident that better planning and communication among federal, state and local emergency responders and government officials would further enhance Georgia's ability to rapidly and effectively respond to large-scale disasters. To improve communication and help fight terrorism at the local level, GEMA/HS has organized Regional All Hazards Councils (AHC), established within the eight existing GEMA/HS regions consistent with the current state and local government disaster/emergency response system.

These councils bring together community leaders and key consequence managers to develop preparedness, response and recovery strategies for all disasters, both natural and man-made, for their region. Councils are composed of two each: sheriffs, police chiefs, public health directors, fire chiefs, emergency medical services directors, medical examiners, 9-1-1 center directors, emergency managers, mayors and county commissioners. Additional members may be added as needed.

The mission of the All Hazards Council is to:

- improve local, state and federal information sharing,
- identify critical regional infrastructure and potential terrorist targets,
- prepare regional response plans,
- facilitate mutual aid agreements for communities to share resources, identify capacity needs,
- participate in and/or conduct training and exercises, and
- bring federal Citizen Corps programs to local communities

Additionally, each All Hazards Council (AHC) has a communications subcommittee. These groups, populated by interested and knowledgeable representatives throughout

each region, act as a conduit of interoperability and communications information between the local/regional agencies and the State.

As previously indicated, public safety communications officials in GEMA/HS already have strong long-term relationships with each regional All Hazards Council through implementation of the Georgia Interoperability Network. In the public safety broadband implementation effort, the PSIEC will use several different channels for engaging the All Hazards Councils:

- Representatives of the PSIEC will attend many of the regular All Hazards Councils meetings to brief them on continuing developments in planning and implementation of the public safety broadband network in Georgia and receive their advice.
- The PSIEC will conduct periodic technical workshops, trainings, and other meetings through the coordination of the All Hazards Councils in different areas of the state to make it easier for council members and local governments to participate.
- The PSIEC will invite representatives of each All Hazards Council to participate in meetings that involve all areas of the state so that representatives of each council can understand each other's perspectives and collaborate in resolving communications challenges facing all parties.

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

As of now, there are no regional bodies in which Georgia can take part, but the State continues to participate actively in meetings of national organizations involved in public safety communication. Two of the most important are:

- National Emergency Management Association (NEMA) - the professional association of and for emergency management directors from all 50 states, eight U.S. territories, and the District of Columbia. NEMA provides national leadership and expertise in comprehensive emergency management; serves as a vital emergency management information and assistance resource; and

advances continuous improvement in emergency management through strategic partnerships, innovative programs, and collaborative policy positions.

- National Governors Association (NGA) - the bipartisan organization of the nation's governors that promotes visionary state leadership, shares best practices and speaks with a collective voice on national policy. Through NGA, governors identify priority issues and deal collectively with matters of public policy and governance at the state and national levels.

Georgia stands ready to join and collaborate with any regional body that is organized to deal with public safety communications issues and will actively participate in any effort to establish such a body in the Southeastern United States GEMA/HS, as the State Warning Point, already has relations with its counterparts in the surrounding states and has practiced a level of interoperable communications on several occasions with them, both in crisis and for exercise.

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

Georgia has a long, successful history of engaging with the local agencies and jurisdictions through the All Hazards Councils. The PSIEC will use this same structure to coordinate with stakeholders across the state in the manner with which they are familiar.

- 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 States of Georgia and Florida have had initial discussions regarding their mutual interest in coordinating efforts during the FirstNet consultation and planning process. The executive committees of each state will stay in contact through their various board and agency counterparts. To help initiate this cooperation, both Georgia and Florida selected the Georgia Tech Research Institute (GTRI) to complete their SLIGP applications to ensure that they are compatible moving forward. Both states plan to engage and interact

with GTRI during the SLIGP planning effort to provide technical expertise and facilitate state-to-state collaboration.

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>.*

The State of Georgia has no federally recognized tribes located within the State boundaries.

- 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.*

N/A

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

N/A

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

N/A

- 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?*

N/A

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.*

There are a number of methods in use today to classify areas as rural or non-rural.

- The US census uses a population measure, counting urban areas as having more than 50,000 people, urban clusters as having between 2,500 and 50,000 people, and all other areas being rural.
- The Rules and Regulations of the State of Georgia define rural as “areas not expected to become urbanized or require provision of urban services during the planning period.”
- OneGeorgia, a part of the Georgia Department of Community Affairs (DCA) that invests only in certain eligible counties, considers “eligible” to mean a county with a population of less than 50,000 and a poverty rate of greater than 10%.
- The Georgia Department of Community Affairs (DCA) also created the concept of “character areas”. Character areas are defined as specific geographic areas that meet the following criteria:
 - Have unique or special characteristics;
 - Have potential to evolve into a unique area when provided specific and intentional guidance; or
 - Require special attention due to unique development issues.

Using these criteria for a broadband-based definition, rural will initially be defined as any area that is un-served or underserved by existing commercial broadband wireless providers).

Please note that the PSIEC, which will meet for the first time in late May 2013, will be tasked with creating the official definition of “rural” for the purposes of NPSBN coverage design. This will be done during the performance period of the SLIGP and in consultation with FirstNet, during which time the definition of rural may change based on the changing landscape of the NPSBN.

- 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.*

The Georgia Technology Authority (GTA) has been undergoing a U.S. Department of Commerce-sponsored effort on state-wide broadband mapping. The goal is to partner with Georgia telecommunications carriers to collect broadband data on coverage and speeds across technology types to assess the state's unserved and underserved areas. The program creates maps, analysis, and tabular data twice a year. This data and information is used across the state's partner Domains of Excellence Areas, which are: Education, Public Safety, Citizen Access, and Healthcare. This information can be found at <http://www.georgiabroadband.net/>. GTA is also tracking 4G deployments in Georgia; the latest data collection will be gathered by April 1, 2013 and should be prepared by mid-April 2013. These tools will be used to inform the decisions that are made by the PSIEC in regards to rural vs. non-rural coverage.

- 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.*

Until the PSIEC is officially formed and establishes its operating parameters, the State will not have an official definition of rural vs. non-rural for the purposes of the NPSBN. This is the first grant activity to ensure rural coverage. Rural participation will be obtained by using the local and regional coordination methodologies discussed in Sections 4 and 5. This will be the baseline the state uses to define specific plans, milestones and metrics to achieve rural coverage. All of these efforts will be undertaken as part of the SLIGP process.

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?

The main database used by the State of Georgia for public safety communications information is the federally hosted Communications Asset Survey and Mapping (CASM) tool. This database contains some information (e.g. tower locations), but lacks key information needed for FirstNet (e.g. space left on towers, height of available space, shelter space, etc.). CASM can act as a source of contact information and some preliminary infrastructure data.

The State of Georgia itself currently does not have a database of state or locally owned wireless infrastructure. Some local jurisdictions may have individual databases that contain the information for their local systems. The State also leverages federally maintained databases such as the Georgia Building, Land and Lease Inventory of Property (BLLIP) database and the FCC's Universal Licensing System (ULS) and Antenna Registration System (ASR) databases.

Any data that is gathered during the FirstNet consultation phase and beyond will increase Georgia's knowledge about infrastructure in the state.

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

The main database that currently exists, CASM, is updated on a voluntary basis by the counties and state agencies themselves. Any new databases created through the SLIGP/FirstNet effort will need their own processes established to ensure they are kept up-to-date and accurate.

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.

With 159 counties and over 500 cities, Georgia has a large number of networks that have been built for public safety communications. Many of these networks include supporting equipment such as towers, shelters, power delivery systems, and generators. To identify the hardening, security, reliability, and resiliency requirements currently required for these government-owned networks, Georgia plans to create a working group under the PSIEC. This working group will be tasked with creating the process and methodology for gathering this information as FirstNet determines their data collection requirements. The working group will then submit its product to the executive board of the PSIEC, where the representatives of the member agencies/professional groups will be tasked with obtaining that information from their respective groups. If there are entities that need to be contacted and are not directly represented in the PSIEC process, the working group, through the executive board, will contact them.

- 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.*

This effort will parallel the undertaken discussed in section 9a). The same working group will determine the information that needs to be collected, which will be informed by FirstNet by requirement. Depending on the information to be collected, this effort may be consolidated with the data collection effort discussed in 9a). However, if the contractual requirement analysis is determined to be sufficiently different, it will be run as a separate process.

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.*

The PSIEC will make a determination that categorizes the types of users considered primary and secondary on a statewide public safety broadband network. The executive committee will create a working group to determine the methodology and criteria to gather the identities of potential network users. The identification process will likely consist of multiple interaction methods with local and state stakeholders, including questionnaires, online surveys, workshops, and individual interviews. The process will elicit information on topics such as current usage, satisfaction with current usage, reasons for non-usage (cost, availability, lack of relevant applications, etc.), desired capabilities of the system, and future plans of various agencies for public safety communications with or without NPSBN.

The working group will gather the necessary information in consultation with appropriate advocacy organizations representing local jurisdictions. The working group will also classify the potential users into the appropriate classes, using a yet-to-be determined metric (e.g. everyday user, disaster-only user, high or low bandwidth users, etc.). Using the results of the public safety community interaction and overlaying the variables of usage type, potential price points, etc., the group will be able to determine the potential network users for various technology and economic scenarios that the state could follow.

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.*

Georgia's plan for education and outreach includes the following main elements:

1. Assess the current infrastructure already in place for education and outreach of the public safety community on issues related to broadband communications. One such resource is the program that now provides training, exercises and technical assistance in the implementation of the Georgia Interoperability Network.
2. Determine how the established infrastructure can be used or adapted to offer broadband communications education and outreach. Prospects appear favorable for using this infrastructure extensively since it was set up for the same general

purpose (i.e., public safety communications) and is operated by the same organizations that are involved in the implementation of the SLIGP in Georgia.

3. Establish any new mechanisms (beyond the existing education and outreach infrastructure) needed for the SLIGP effort.
4. Leverage the networking and outreach capabilities of the professional organizations to assist in disseminating the purpose, capabilities and availability of the PSBN to their constituents and members agencies, including their already existing communication channels and their regional and annual meetings and conventions.

A variety of media and approaches are envisioned to assist local jurisdictions in adapting to broadband communications. Anticipated vehicles for education and outreach include the following:

- A series of regional meetings held on quarterly basis to explain the program on a person-to-person level, solicit feedback, and build support for the initiative
- Creation of an innovation center to anticipate technological changes and provide best practices and technical workshops in broadband communications
- Establishment of broadband communications user groups, whose members participate in regular meetings and who receive newsletters
- Development and delivery of web-based outreach and training on key topics of interest by local jurisdictions
- Regular webinars and newsletters on topics of interest to local stakeholders

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.*

To address the issue of legal memoranda of understanding, the PSIEC will engage the staff attorneys of its member agencies, in addition to the resources available at the State's Attorney General's office. This group will make the determinations regarding legal issues

that could impede Georgia's full participation in the National Public Safety Broadband Network effort.

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?*

Other than CASM, which was discussed in section 8a), the most common tools used for planning and data collection are GIS platforms. For example, the state uses ArcGIS for its NTIA-sponsored broadband survey, as well as a number of other data sets. The emergency management community uses the Georgia Online Disaster Awareness Geospatial System (GODAWGS). The state also uses the Geographic Tool for Visualization and Collaboration (GTVC), which is a collaboration platform developed at Georgia Tech for response planning and execution.

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

The State is unaware of any key additional tools at this time.

14. Phase Two Funding

- a. *Describe the activities that you expect to undertake with the Phase 2 funding when it is made available to the State, Territory, or District.*

The State expects to carry out the following activities with Phase 2 SLIGP funding:

- Sustainment of governance, including continued consultation with FirstNet
- Education and outreach programs to stakeholders
- Data collection to determine key issues involved in the implementation of FirstNet in Georgia

The specific activities will be determined when FirstNet finalizes the data collection requirements. When those are released, Georgia will be able to determine the exact efforts that will be undertaken with the Phase Two funding.

15. Other

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

Georgia was able to complete the application without the assistance of an outside consultant or vendor. The Georgia Tech Research Institute (GTRI) led the application effort, with assistance from the Georgia Emergency Management Agency/Homeland Security (GEMA/HS) and the Georgia Technology Authority (GTA).



THE STATE OF GEORGIA

EXECUTIVE ORDER

BY THE GOVERNOR:

ESTABLISHING A STATEWIDE PUBLIC SAFETY INTEROPERABILITY EXECUTIVE COMMITTEE FOR THE STATE OF GEORGIA

- WHEREAS:** The State of Georgia recognizes that public safety is a core function of state government; and
- WHEREAS:** Interoperable communications is a critical need for first responders and other public safety personnel; and
- WHEREAS:** Effective governance is essential to efficient operation and utilization of state communications assets; and
- WHEREAS:** The State of Georgia desires to design, implement and maintain an interoperable communication system that ensures the public safety through a partnership of state agencies and private sector stakeholders; and
- WHEREAS:** No other legally authorized entity now exists in the State of Georgia with the authority to properly address issues of interoperability among the state's public safety community.

NOW, THEREFORE BY THE POWER VESTED IN ME AS GOVERNOR OF THE STATE OF GEORGIA, IT IS HEREBY

- ORDERED:** That there is created a Georgia Statewide Public Safety Interoperability Executive Committee which is vested with all of the powers and authority set forth in the provisions of this Executive Order.

IT IS FURTHER

- ORDERED:** That the Committee shall meet at least quarterly, ensure that state communications resources are utilized in a manner that is in the best interest of the State of Georgia, establish guidelines for subcommittees and/or working group by appointment, prepare reports (as may be required) regarding the operation of the committee, and shall ensure that the requirements of grants, funding allocations, contracts, and agreements are met and that public safety needs are ensured.

IT IS FURTHER

- ORDERED:** That the Committee shall be composed of the following members:
- The Commissioner of the Georgia Department of Administrative Services
 - The Commissioner of the Georgia Department of Corrections
 - The Commissioner of the Georgia Department of Natural Resources
 - The Commissioner of the Georgia Department of Public Safety
 - The Director of the Georgia Bureau of Investigation
 - The Director of the Georgia Emergency Management Agency/Homeland Security
 - The Director of the Georgia Forestry Commission
 - The Director of the Governor's Office of Planning and Budget
 - The State's Chief Information Officer
 - A representative of the Georgia Association of Chiefs of Police
 - A representative of the Georgia Association of Emergency Medical Services
 - A representative of the Georgia Fire Chiefs Association
 - A representative of the Georgia Sheriff's Association
 - A representative of the Association County Commissioners of Georgia
 - A representative of the Georgia Municipal Association

IT IS FURTHER

- ORDERED:** That the Director of the Georgia Emergency Management Agency/ Homeland Security shall serve as the Chairperson and that the Second Vice Chairperson shall be the Commissioner of the Georgia Department of Public Safety. Member agencies or organizations may designate a representative, and they may invite such persons as they deem necessary to temporarily serve as non-voting members when such membership will benefit the functions of the committee. Members will serve without compensation but may receive reimbursement from their individual agencies, grant, or other funding source, if available.

IT IS FURTHER

- ORDERED:** That the Director of the Georgia Emergency Management Agency/ Homeland Security shall serve as the State Administrative Agent for purposes of administering federal and state funds associated with the federal Public Safety Broadband Network.

IT IS FURTHER

- ORDERED:** That State agency members of the Committee shall provide staff and other resources, as necessary, to perform the functions of this Committee.

IT IS FURTHER

- ORDERED:** That the Committee shall establish a standing technical advisory subcommittee that shall include the State's Chief Technology Officer and other members as determined by the Committee.

IT IS FURTHER

ORDERED: That the Committee shall have the authority to:

1. Establish policies regarding the implementation of interoperable communications (when such implementation shall involve or affect state-owned communications resources or statewide communications systems.)
2. Review and adopt the State Communication Interoperability Plan (SCIP), or similar official state strategic plan on interoperable communication, for guidance on the goals and objectives of this Committee.
3. Review plans to utilize any state-owned tangible and intangible communications assets to support public safety as long as such utilization does not adversely affect the primary purpose of the assets.
4. Review plans for the deployment of new communications assets that will affect statewide public safety communications.
5. Review plans for the procurement, installation, operation, and maintenance of communications systems to support or enhance public safety.
6. Review plans for the issuance of Requests for Proposals (RFPs) and/or Requests for Quotes (RFQs) for equipment or services necessary to implement or improve public safety communications systems.
7. Review contracts and/or agreements for equipment or services to implement or improve public safety communications systems, when funding is available.
8. Review applications for grants and other proposals for financial assistance in the implementation of the State interoperable communication network.
9. Establish subcommittees and working groups as necessary to accomplish the purposes of the committee.
10. Make recommendations to the Governor regarding public safety communications and interoperability.

IT IS FURTHER

ORDERED: That the exercise of authority, as outlined in this Executive Order, shall be in accordance with established statutes, policies, rules and regulations of the State of Georgia, unless the committee is specifically exempted by an act of the General Assembly.

IT IS FURTHER

ORDERED: That the responsibilities established for the Committee shall not relieve any state agency, board or authority of its established responsibility, unless such responsibility is specifically transferred to the Committee by Executive Order or an act of the General Assembly, or both.

This 11th day of March, 2013.



GOVERNOR

GEORGIA EMERGENCY MANAGEMENT AGENCY
GEORGIA OFFICE OF HOMELAND SECURITY

NATHAN DEAL
GOVERNOR



CHARLEY ENGLISH
DIRECTOR

February 19, 2013

Michael Dame
Program Director
State and Local Implementation Grant Program
Office of Public Safety Communications (OPSC)
National Telecommunications Information Administration
U. S. Department of Commerce
1401 Constitution Avenue, NW
HCHB, Room 7324
Washington, DC 20230

Re: DUNS Number

Dear Mr. Dame:

This correspondence is being forwarded in response to your request for documentation regarding the DUNS number for the Georgia Emergency Management Agency (GEMA). Our DUNS number is 137517624 as it is shown on the grant application that we submitted on Friday, March 15, 2013. Even though the legal business name is listed as Fulton County, this is the DUNS number that was assigned to the Governor's Office of Planning and Budget. GEMA is administratively attached to this agency, and we have the same federal tax identification number as this entity as well.

Please use this correspondence as documentation to make any adjustments that you deem necessary to the applicable grant records that will be created by your agency.

If you need additional documentation from me or find that you need additional assistance regarding this matter, please feel free to contact me directly at (404) 635-7041 or by email at ceporia.mcmillian@gema.ga.gov.

Sincerely,

Ceporia McMillian
Director of Finance

/CM



Project Feasibility (Revision as of 05/13/2013)

The State of Georgia is qualified to complete the proposed State and Local Implementation Grant Program (SLIGP) within the program standards, as shown by a stellar track record of technical project management and expertise, stakeholder outreach and involvement, and grant management. Using a proven structure of local jurisdiction involvement, as well as a unique partnership with a world-class research university, and collaboration between state agencies, Georgia is ready to coordinate with FirstNet to implement a world-class National Public Safety Broadband Network (NPSBN).

Georgia is implementing a new governance body, the Georgia Statewide Public Safety Interoperability Executive Committee (PSIEC), which will bring together representation from all levels of local government, state government, and the private sector to address Georgia's public safety broadband needs. The chair of this committee will be the Director of the Georgia Emergency Management Agency/Homeland Security (GEMA/HS), who is the State Administrative Agency (SAA) for Department of Homeland Security grants. In this role, GEMA/HS has successfully managed over \$471,144,419 in grants over the past 14 years. Additionally, GEMA/HS manages the state's well established regional All Hazards Council (AHC) process that acts as a key advisory interface between local jurisdictions and GEMA regarding public safety communications needs and successes.

Georgia also has a unique resource in the Georgia Tech Research Institute (GTRI), which is the applied research arm of the Georgia Institute of Technology (Georgia Tech). Georgia Tech is consistently ranked as one of the top 5 engineering schools in the country with over \$600 million in awards annually. GTRI accounts for roughly half the total, with sponsors including Department of Defense and other federal agencies, state governments, and industry. GTRI has strong expertise in all aspects of broadband communications through its Information and Communications Laboratory, and has been a partner with GEMA/HS on numerous high profile and successful communication projects in the recent past.

The Georgia Interoperability Network (GIN) is an excellent example of Georgia's experience in bringing local jurisdictions together with multiple state agencies to

implement a broadband-enabled system. Leveraging funding from various grant programs, GEMA/HS tasked GTRI to act as technical lead on the project. In cooperation with GTA and DPS, GTRI led the procurement effort, system design, stakeholder outreach, system acceptance, and training and exercise development and delivery. GTA manages the contracted network services through AT&T that enable the GIN. DPS acts as business manager, which includes hosting the servers and managing system maintenance and upkeep. The system, which started rollout in 2005, is now in almost 200 locations and ties together the dispatch centers and radio systems of 159 counties and 5-6 state agencies.

As a sister state agency to GEMA/HS, GTRI is in a unique position to act as a neutral third party with a world-class reputation and experience. GTRI has provided the state with expert technical expertise and advice related to all public safety communications issues, including the NPSBN, for over a decade. These issues include: assistance in the creation and revision of the SCIP; coordination of communications committees and subcommittees; development and implementation of training and exercises for communications in Georgia; and continuing technical advice to the State on emerging issues in communications, including the NPSBN, Next Generation 9-1-1, and land mobile radio (including P25). GTRI is to provide the PSIEC with real-world technical advice, surveys, best practices, industry standards and trends, and applicable research and reporting on current and desired public safety communication capabilities.

Multiple other state agencies will be integrally involved in the work of the PSIEC. Two key agencies with experience in managing statewide systems include:

- Georgia Technology Authority (GTA) – This agency manages the delivery of IT infrastructure services to 85 Executive Branch agencies and managed network services to 1,400 state and local government entities through a contract with IBM. IT infrastructure services encompass mainframes, servers, service desk, end user computing, disaster recovery and security; 14 agencies receive all of these services through GTA, while the remaining agencies may receive two or three of these services. GTA also oversees managed network services through a contract with AT&T, which includes the state's wide area network and voice. During 2008

Georgia Technology Authority (GTA) conducted a procurement to privatize the services associated with the operations of the State Data Center and the State Wide Area Network including data, voice and video communications services. Valued at \$1.3 billion, the procurement was completed with no bidder protests or lawsuits.

- Georgia Department of Public Safety (DPS) – As home of the Georgia State Patrol (GSP), DPS acts as business manager of the Georgia Interoperability Network (GIN), a broadband-enabled gateway system that connects the land mobile radio (LMR) systems of all 159 counties in Georgia, as well as 5-6 state agencies.

The other agencies participating actively in the PSIEC include:

- Georgia Department of Administrative Services
- Georgia Department of Corrections
- Georgia Department of Natural Resources
- Georgia Department of Public Safety
- Georgia Bureau of Investigation
- Georgia Emergency Management Agency/Homeland Security
- Georgia Forestry Commission
- Governor's Office of Planning and Budget
- Georgia Technology Authority
- Georgia Association of Chiefs of Police
- Georgia Association of Emergency Medical Services
- Georgia Fire Chiefs Association
- Georgia Sheriff's Association
- Georgia Municipal Association
- Association County Commissioners of Georgia

These agencies and associations have vast experience in the current operational and inter-operational communication capabilities of their respective public safety entities, and are actively pursuing opportunities to address the future needs of the public safety community. As standing members of the PSIEC, they will competently represent their constituents and disciplines to ensure that their public safety communications needs are voiced and considered in all decisions. The Committee will be presented with the current status of the PSBN planning, match current capabilities with anticipated needs, and devise strategies and actionable items for supporting entities to carry forward. This

degree of involvement is the key to effectively implementing a statewide system: it must be designed to meet all user needs, and this broad representation will serve that purpose.

These organizations are committed to working together to successfully plan for the NPSBN while working with FirstNet and adapting to the changing landscape of this monumental effort.

The Georgia Governor's Executive Order also directs the PSIEC to establish subcommittees and working groups as needed. One of these working groups is named explicitly: a standing technical advisory subcommittee that will include the State's Chief Technology Officer, as well as other members as determined by the PSIEC. In addition, GTRI will provide these working groups with world-class technical knowledge and advice and an in-depth understanding of Georgia's public safety communications needs.

The PSIEC is a newly formed group that is empowered by executive order to address interoperability at the state level; the NPSBN is specifically named in the order as a core area of responsibility for the Committee. The Committee is also directed by Executive Order establish policies for PSBN implementation; review and adopt the Statewide Communication Interoperability Plan; review plans to utilize communications assets in support of public safety and the PSBN; review contracts and/or agreements to implement or improve PSBN public safety communications systems; establish needed working groups; and advise the Governor regarding overall PSBN status and implementation.

This Committee being so recently established, its first meeting is scheduled to take place at the end of May 2013. Therefore, the processes that determine decision-making have not yet been established. It is envisioned that this process will be democratic in nature, with different thresholds (50%, 67%, 75%, etc.) established for various types of decisions that must be made. The Chairman of the Committee will ensure that actionable items from the PSIEC are appropriately assigned to the correct working groups, staff or other entities, and will set deadlines and define deliverables for the desired work products. The Chairman will also cause through staff an open and accessible liaison with our FirstNet partners to assure that effective and seamless communications between all involved parties will exist.

As the supplemental application and budget narratives will show, Georgia has the experience and staffing to implement the SLIGP process to coordinate with FirstNet for planning and undertake whatever data collection effort will be deemed necessary. Using established and successful methods for local involvement, Georgia is ready to move forward with the establishment of its portion of the NPSBN.

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. Phase I: Planning, Education and Outreach	11.549	\$	\$	\$ 1,757,884.00	\$ 826,664.00	\$ 2,584,548.00
2. Phase II: Data Collection	11.549			1,548,773.00		1,548,773.00
3.						
4.						
5. Totals		\$	\$	\$ 3,306,657.00	\$ 826,664.00	\$ 4,133,321.00

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1) Phase I: Planning, Education and Outreach	(2) Phase II: Data Collection	(3)	(4)	
a. Personnel	\$ 413,866.00	\$	\$ 126,720.00	\$	\$ 540,586.00
b. Fringe Benefits	197,998.00				197,998.00
c. Travel	84,460.00				84,460.00
d. Equipment					
e. Supplies	13,600.00				13,600.00
f. Contractual	1,044,360.00				1,044,360.00
g. Construction					
h. Other	3,600.00	1,548,773.00	699,944.00		2,252,317.00
i. Total Direct Charges (sum of 6a-6h)	1,757,884.00	1,548,773.00	826,664.00		\$ 4,133,321.00
j. Indirect Charges					\$
k. TOTALS (sum of 6i and 6j)	\$ 1,757,884.00	\$ 1,548,773.00	\$ 826,664.00	\$	\$ 4,133,321.00
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 I: Planning, Education and Outreach	\$ <input type="text"/>	\$ 826,664.00	\$ <input type="text"/>	\$ 826,664.00	
9. Phase II: Data Collection	<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"/>	\$ 826,664.00	\$ <input type="text"/>	\$ 826,664.00	
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 I: Planning, Education and Outreach	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	
17. Phase II: Data Collection	<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: <input type="text"/>					

Georgia - Detailed Budget Justification (Revision as of 06/14/2013)

Implementation of Georgia's State and Local Implementation Grant Program (SLIGP) will require allocation of funds in three broad categories: personal services, contract services, and data collection activities. Please see attached spreadsheet titled "Detailed Budget Spreadsheet Georgia" for cost breakdowns.

Personnel-

Implementation of the SLIGP will require contributions by the following personnel headquartered in the Georgia Emergency Management Agency/Homeland Security, the state agency responsible for statewide public safety communications, with a three-year budget of **\$413,866 in salary All Federal, and \$126,720 Non-federal.**

- Public Safety Broadband (PSBN) Coordinator. This new position will be funded at 100% time and require a three-year budget expenditure of \$210,000 **All Federal**. The PSBN coordinator will be responsible for overall management of the SLIGP initiative and coordinating the activities of all other participants.
- Statewide Interoperability Coordinator (SWIC). This position will be funded at 15% time for the current Georgia SWIC, requiring a three-year budget expenditure of \$21,600 **All Federal**. The SWIC's duties will be to coordinate SCIP revisions and coordinate the PSBN with specific existing state communications programs.
- Communications Manager. This position will be funded at 10% time for the present incumbent in this position requiring a three-year budget expenditure of \$15,600 **All Federal**. The Communication Manager's duties will be to coordinate the PSBN with the 911 community and explore the impact and plan for the integration of PSBN into current E911 and Next Gen 911. Will plan for potential uses, needs, capabilities and desired functioning of PSBN in the 911 environment.
- Chief of Special Projects. This position will be funded at 40% of the time of the current incumbent, and will require a three-year budget expenditure of \$90,950 **All Federal**. This position manages all of the state's interoperable communications efforts, and the PSBN Coordinator will report to this position.
- Secretary. This position will be funded at 5% of the time of the current incumbent, and will require a three-year budget expenditure of \$5,103 **All Federal**. The secretary of the GEMA Homeland Security Division will perform administrative functions for the Chief of Special Projects.
- Assistant Division Director. This position will be funded at 10% of the time of the current incumbent, and will require a three-year budget expenditure of \$22,765 **All Federal**. The Assistant Division Director will act as the liaison between GEMA Director and various special projects as well as with other agencies and political entities in Georgia pertaining to the PSBN project.
- Grants Administrator. This position will be funded at 5% of the time of the current incumbent, and will require a three-year budget expenditure of \$7,200 **All Federal**. The Grants Administrator will oversee all grants activities of the SLIGP as well as develop and execute contracts related to grant funds with PSBN responsibility.

- Compliance Officer. This position will be funded at 15% of the time of the current incumbent, and will require a three-year budget expenditure of \$ 18,000 **All Federal**. The Compliance Officer will act as the SLIGP Grants Compliance Specialist. This individual will assure compliance to grant terms and conditions, track expenditures, match information, and prepare reports.
- Finance Director. This position will be funded at 2% of the time of the current incumbent, and will require a three-year budget expenditure of \$4,920 **All Federal**. This individual will act as the SLIGP Finance Director, supervising finance Grants Specialists and reviewing all grants for financial compliance.
- Grants Specialist. This position will be funded at 5% of the time of the current incumbent, and will require a three-year budget expenditure of \$6,900 **All Federal**. The Grants Specialist will devote 5% of her time developing, reviewing and submitting all post-award SLIGP grant revisions, amendments and financial quarterly and annual reports.
- Financial Operations Specialist. This position will be funded at 5% of the time of the current incumbent, and will require a three-year budget expenditure of 6,489 **All Federal**. The Financial Operations Specialist will process SLIGP grant payments and tracks expenditures.
- Director of Operations. This position will be funded at 1% of the time of the current incumbent, and will require a three-year budget expenditure of \$2,636 **All Federal**. The Director of Operations heads the division in which Communications Manager position is housed. This individual will provide supervision and input related to operational requirements for the SLIGP.
- State Operations Center (SOC) Director. This position will be funded at 1% of the time of the current incumbent, and will require a three-year budget expenditure of \$1,703 **All Federal**. The SOC Director will directly supervise the Communications Manager and provides input related to SLIGP operational requirements.
- Administrative Support: the State conservatively estimates that a number of state employees will spend one day per pay period (two days per month) working on SLIGP and PSBN-related efforts. The estimate is 1728 total hours per year spent on the project, or 5184 hours over 3 years. Using rounded and average salary information, this would provide an in-kind NON-Federal match of approximately \$126,720 to be used towards the total grant. Please see the match estimates spreadsheet for details on how we calculated the amount for this item.

Fringe Benefits

Fringe Benefits calculations for the above listed positions are shown in this section. Benefits include FICA, unemployment, and retirement. Calculations are shown in proportion the anticipated time each position will spend on eligible SLIGP activities. The total for all fringe benefits is \$197,998 **All Federal**.

- Public Safety Broadband (PSBN) Coordinator. This new position will be funded at 100% time and require a fringe benefits three-year budget expenditure of \$100,466

All Federal. The PSBN coordinator will be responsible for overall management of the SLIGP initiative and coordinating the activities of all other participants.

- Statewide Interoperability Coordinator (SWIC). This position will be funded at 15% time for the current Georgia SWIC, requiring a three-year budget Fringe Benefits expenditure of \$10,334 **All Federal.** The SWIC's duties will be to coordinate SCIP revisions and coordinate the PSBN with specific existing state communications programs.
- Communications Manager. This position will be funded at 10% time for the present incumbent in this position requiring a three-year fringe benefits budget expenditure of \$7,463 **All Federal.** The Communication Manager's duties will be to coordinate the PSBN with the 911 community and explore the impact and plan for the integration of PSBN into current E911 and Next Gen 911. Will plan for potential uses, needs, capabilities and desired functioning of PSBN in the 911 environment.
- Chief of Special Projects. This position will be funded at 40% of the time of the current incumbent, and will require a three-year fringe benefits budget expenditure of \$43,512 **All Federal.** This position manages all of the state's interoperable communications efforts, and the PSBN Coordinator will report to this position.
- Secretary. This position will be funded at 5% of the time of the current incumbent, and will require a three-year fringe benefits budget expenditure of \$2,441 **All Federal.** The secretary of the GEMA Homeland Security Division will perform administrative functions for the Chief of Special Projects.
- Assistant Division Director. This position will be funded at 10% of the time of the current incumbent, and will require a three-year fringe benefits budget expenditure of \$10,891 **All Federal.** The Assistant Division Director will act as the liaison between GEMA Director and various special projects as well as with other agencies and political entities in Georgia pertaining to the PSBN project.
- Grants Administrator. This position will be funded at 5% of the time of the current incumbent, and will require a three-year fringe benefits budget expenditure of \$3,445 **All Federal.** The Grants Administrator will oversee all grants activities of the SLIGP as well as develop and execute contracts related to grant funds with PSBN responsibility.
- Compliance Officer. This position will be funded at 15% of the time of the current incumbent, and will require a three-year fringe benefits budget expenditure of \$8,611 **All Federal.** The Compliance Officer will act as the SLIGP Grants Compliance Specialist. This individual will assure compliance to grant terms and conditions, track expenditures, match information, and prepare reports.
- Finance Director. This position will be funded at 2% of the time of the current incumbent, and will require a three-year fringe benefits budget expenditure of \$2,354 **All Federal.** This individual will act as the SLIGP Finance Director, supervising finance Grants Specialists and reviewing all grants for financial compliance.
- Grants Specialist. This position will be funded at 5% of the time of the current incumbent, and will require a three-year fringe benefits budget expenditure of \$3,301

All Federal. The Grants Specialist will devote 5% of her time developing, reviewing and submitting all post-award SLIGP grant revisions, amendments and financial quarterly and annual reports.

- Financial Operations Specialist. This position will be funded at 5% of the time of the current incumbent, and will require a three-year fringe benefits budget expenditure of 3,104 **All Federal.** The Financial Operations Specialist will process SLIGP grant payments and tracks expenditures.
- Director of Operations. This position will be funded at 1% of the time of the current incumbent, and will require a three-year fringe benefits budget expenditure of \$1,261 **All Federal.** The Director of Operations heads the division in which Communications Manager position is housed. This individual will provide supervision and input related to operational requirements for the SLIGP.
- State Operations Center (SOC) Director. This position will be funded at 1% of the time of the current incumbent, and will require a three-year fringe benefits budget expenditure of \$815 **All Federal.** The SOC Director will directly supervise the Communications Manager and provides input related to SLIGP operational requirements.

Travel

A travel budget of \$84,460 (all Federal) is required for the cost of GEMA/HS personnel to attend SLIGP meetings within the state and for stakeholders outside the agency to attend FirstNet meetings and trainings in and out of Georgia. Breakdown is as follows:

- Travel for state personnel to attend grant meetings. Meeting schedule is as follows: 10 employees traveling 150 miles roundtrip for 24 meetings over three years. \$20,340 in total.
- Funds for Technical Assistance Visits - State employees visit each of eight GEMA regions to provide planning and technical assistance to local government partners in preparation for PSBN. 72 meetings over three years. Includes lodging, transportation and per diem. \$13,320 in total over three years.
- Travel for Regional and National Meetings - 10 PSIEC members will attend 1 pre-award and 7 post-award meetings. Airfare is estimated at \$395.00 per ticket; hotel is estimated at \$128.00 per night; per diem is estimated upon GSA per diem of \$56.00 per day. Each trip is estimated at two days/one night for a trip estimate of \$635.00. \$50,800 over three years.

Supplies

A budget of \$13,600 **All Federal** is required to purchase telecommunication equipment, a computer, and a printer, office supplies as well as office furniture to support the SLIGP program in Georgia.

Contract Services

A total budget of \$1,044,360 All Federal is required for contractual services.

Implementation of the SLIGP in Georgia over three years will require \$294,000 in contract services for planning from the Georgia Tech Research Institute (GTRI), a sister State of Georgia governmental agency to GEMA/HS. GTRI will provide neutral technical expertise and advice related to all communications issues surrounding and including PSBN. GTRI will assist in the SLIGP effort by: 1) assisting in the maintenance and revision of the SCIP; 2) coordinating the activities of communications committees and subcommittees; 3) developing and implementing training for broadband communications in Georgia; and 4) staying abreast of and advising GEMA/HS on emerging issues in broadband communications. GTRI will continue to assist the agency in PSBN development through consultation on strategies, data collection and collation (future phase), subcontracts, and program management.

The GTRI contract will be used to cover the time of research-level personnel to perform these duties, with student employee providing targeted assistance as required. This effort will be modeled after GTRI's successful work with GEMA/HS over the past 10+ years. The average senior- or principal-level GTRI employee has an hourly rate of ~\$200 (approved by the Office of Naval Research under FAR 31 regulations). These approximately 490 hours per year will allow GTRI to support the PSIEC by providing input at meetings and keeping abreast of the latest technical advancements that will affect the FirstNet efforts. The hours will also support/run training and outreach sessions around the state.

Facilitating PSIEC specific gatherings, outreach workshops, as well as numerous PSBN program meetings with stakeholders in Georgia's eight emergency response regions will require a three-year budget of \$450,360 in contract services, which, in addition to labor, includes expenses for room rental, travel, training materials, etc.

Finally, contract services totaling \$300,000 will be required for outreach efforts as well as the development, implementation, delivery and collation and data analysis of surveys and questionnaires to a wide range of potential public safety users of the PSBN.

Other-

Pending definition by NTIA, GEMA/HS will execute subcontracts as needed to collect data as outlined by FirstNet in Phase II. The budget for this activity is \$1,548,773. Internet services to support this and Phase I activity will amount to \$3600.

The State is supplementing this budget with the required in-kind match to be provided through documentation of the time and effort of stakeholders under state and local appropriation. The stakeholders referenced here are 911 Directors, County and Municipal government officials, and state agency personnel. Much of their participation will be through planning, education, and outreach efforts throughout the state over the three-year grant cycle. GEMA/HS gathers and records the number of hours included in

the calculation of third party in-kind contribution match by specific date, person, position, work location and date of occurrence. All non-state persons included in the match calculations certify that their salary hours are not being funded by Federal funds and do not include fringe benefits.

The State envisions multiple 2-3 day outreach workshops across the state with local government representatives, along with numerous planning sessions conducted in each GEMA region. With Georgia's large number of local jurisdictions (159 counties and 500+ cities), the budget spreadsheet illustrates an in-kind match of approximately \$700,640 for these events. Please see the match spreadsheet for details on how we calculated the amount for this item. Although we calculated the total value of this item as \$700,640, we intend to contribute only \$699,944 toward this SLIGP budget.

SLIGP, FOA 2013-NTIA-SLIGP-01 Georgia

Detailed Budget Spreadsheet

14-Jun-13

Category	Detailed Description of Budget (for full grant period)			Breakdown of Costs	
	Quantity	Unit Cost	Total Cost	Federal	Non-Federal
A. Personnel					
PSBN Coordinator - will spend 100% of time overseeing the grant administration of the SLIGP grant. The PSBN coordinator will be responsible for overall management of the SLIGP initiative and coordinating the activities of all other participants. Salary \$70,000.00	3 Years	\$ 70,000	\$ 210,000	\$ 210,000	
SWIC - Will spend 15% of his time coordinating SCIP revisions and coordinate the PSBN with specific existing state communications programs. Salary \$48,000.00	3 Years	\$ 7,200	\$ 21,600	\$ 21,600	
Communications Manager - will spend 10% Coordinating with 911 community and explore impact and plan integration of PSBN into current E911 and Next Gen 911, and plan for potential uses, needs, capabilities and desired functioning of PSBN in the 911 environment. Salary \$52,000.00	3 Years	\$ 5,200	\$ 15,600	\$ 15,600	
Chief of Special Projects - manages all of the state's interoperable communications efforts and the PSBN Coordinator will report to this position. 40% of this position's time will be devoted to SLIGP. Salary \$ 75792.	3 Years	\$ 30,317	\$ 90,950	\$ 90,950	
Secretary - Will devote 5% of her time to perform administrative functions for Chief of Special Projects. Salary \$34,018.00	3 Years	\$ 1,701	\$ 5,103	\$ 5,103	
Assistant Division Director - will devote 10% of her time serving as the liaison between GEMA Director and various special projects as well as with other agencies and political entities in Georgia. Salary \$75,882.00	3 Years	\$ 7,588	\$ 22,765	\$ 22,765	
Grants Administrator - will spend 5% of her time writing, interpreting and executing contracts related to the SLIGP grant funds. Salary \$48,000.00	3 Years	\$ 2,400	\$ 7,200	\$ 7,200	
Compliance Officer - will spend 15% of his time will serving as the SLIGP Grants Compliance Specialist. This individual will assure compliance to grant terms and conditions, track expenditures and track in-kind match. Will also prepare reports internal and external programmatic reports. Salary \$ 40,000.00	3 Years	\$ 6,000	\$ 18,000	\$ 18,000	
Finance Director - will devote 2% of her time to the SLIGP grant supervising financial and purchasing staff reviewing all grant submissions and reports for financial compliance. Salary \$82,000.00	3 Years	\$ 1,640	\$ 4,920	\$ 4,920	
Grants Specialist - will devote 5% of her time developing, reviewing and submitting all post-award SLIGP grant revisions, amendments and financial quarterly and annual reports. Salary \$46,000.00.	3 Years	\$ 2,300	\$ 6,900	\$ 6,900	
Financial Operations Specialist - Will give 5% of his time on a weekly basis processing SLIGP grant payments and tracks expenditures for the agency. Salary \$43,260.00	3 Years	\$ 2,163	\$ 6,489	\$ 6,489	
Director of Operations - will spend 1% of time towards the SLIGP Grant. The Director of Operations heads the division in which Communications Manager position is housed. This individual will provide supervision and input related to operational requirements for the SLIGP. Salary \$87,864.00	3 Years	\$ 879	\$ 2,636	\$ 2,636	
SOC Director - will spend 1% of time towards the SLIGP Grant. The SOC Director will directly supervise the Communications Manager and provides input related to SLIGP operational requirements. Salary \$56,779.00	3 Years	\$ 568	\$ 1,703	\$ 1,703	
Administrative Support: the State conservatively estimates that a number of state employees will spend one day per pay period (two days per month) working on SLIGP and PSBN-related efforts. The estimate is 1728 total hours per year spent on the project, or 5184 hours over 3 years. Using rounded and average salary information, this would provide an in-kind NON-Federal match of approximately \$126,720 to be used towards the total grant. Please see the match estimates spreadsheet for details on how we calculated the amount for this item.	3 Years	\$ 42,240	\$ 126,720		\$ 126,720
Total Personnel			\$ 540,586	\$ 413,866	\$ 126,720

**SLIGP, FOA 2013-NTIA-SLIGP-01 Georgia
Detailed Budget Spreadsheet**

B. Fringe Benefits	Quantity	Unit Cost	Total Cost	Federal	Non-Federal
PSBN Coordinator	\$ 210,000	47.841%	\$ 100,466	\$ 100,466	
SWIC	\$ 21,600	47.841%	\$ 10,334	\$ 10,334	
Communications Manager	\$ 15,600	47.841%	\$ 7,463	\$ 7,463	
Chief of Special Projects	\$ 90,950	47.841%	\$ 43,512	\$ 43,512	
Secretary	\$ 5,103	47.841%	\$ 2,441	\$ 2,441	
Assistant Division Director	\$ 22,765	47.841%	\$ 10,891	\$ 10,891	
Grants Administrator	\$ 7,200	47.841%	\$ 3,445	\$ 3,445	
Compliance Officer	\$ 18,000	47.841%	\$ 8,611	\$ 8,611	
Finance Director	\$ 4,920	47.841%	\$ 2,354	\$ 2,354	
Grants Specialist	\$ 6,900	47.841%	\$ 3,301	\$ 3,301	
Financial Operations Sp.	\$ 6,489	47.841%	\$ 3,104	\$ 3,104	
Director of Operations	\$ 2,636	47.841%	\$ 1,261	\$ 1,261	
SOC Director	\$ 1,703	47.841%	\$ 815	\$ 815	
Total Fringe Benefits			\$ 197,998	\$ 197,998	
C. Travel	Quantity	Unit Cost	Total Cost	Federal	Non-Federal
Travel for state personnel to attend grant meetings. Meeting schedule is as follows: 10 employees traveling 150 miles roundtrip for 24 meetings over three years. \$20,340 in total.	36,000 miles	\$0.565	\$ 20,340	\$ 20,340	
Funds for Technical Assistance Visits - State employees visit each of eight GEMA regions to provide planning and technical assistance to local government partners in preparation for PSBN. 72 meetings over three years. Includes lodging, transportation and per diem. \$13,320 in total over three years. 2 days per diem at \$56 per day and one nights hotel at \$73 per night (\$56+\$56+\$73=\$185)	72 meetings	\$ 185	\$ 13,320	\$ 13,320	
Travel for Regional and National Meetings - 10 PSIEC members will attend 1 pre-award meeting. Airfare is estimated at \$395.00 per ticket; hotel is estimated at \$128.00 per night; per diem is estimated upon GSA per diem of \$56.00 per day. Each trip is estimated at two days/one night for a trip estimate of \$635.00 per attendee	10 meetings	\$ 635	\$ 6,350	\$ 6,350	
Travel for Regional and National Meetings - 10 PSIEC members will attend 7 post-award meetings. Airfare is estimated at \$395.00 per ticket; hotel is estimated at \$128.00 per night; per diem is estimated upon GSA per diem of \$56.00 per day. Each trip is estimated at two days/one night for a trip estimate of \$635.00.	70 meetings	\$ 635	\$ 44,450	\$ 44,450	
Total Travel			\$ 84,460	\$ 84,460	
D. Supplies	Quantity	Unit Cost	Total Cost	Federal	Non-Federal
Telecommunication- cell phones, tablets	10	\$ 500	\$ 5,000	\$ 5,000	
Computers and printers	5	\$ 700	\$ 3,500	\$ 3,500	
Furniture	1	\$ 1,500	\$ 1,500	\$ 1,500	
Office Supplies - Budgeted at \$100.00 a month for 3 years	36 months	\$ 100	\$ 3,600	\$ 3,600	
Total Supplies			\$ 13,600	\$ 13,600	

**SLIGP, FOA 2013-NTIA-SLIGP-01 Georgia
Detailed Budget Spreadsheet**

E. Contractual	Quantity	Unit Cost	Total Unit Cost	Federal	Non-Federal Match
GTRI-Georgia Tech Research Institute will provide technical consulting, plan development, SCIP revision and meeting coordination services. 490 hours per year for 3 years at \$200.00 per hour.	1,470 hours	\$ 200	\$ 294,000	\$ 294,000	
Local Stakeholder's Meetings - Facilitating numerous program and outreach meetings with stakeholders in Georgia's eight emergency response regions will require a three-year budget. This budget includes labor, meeting room rentals, and printed educational and training materials. Estimate: 8 meetings per year x (\$5000 room rental over 2 days for each meeting + \$2000 materials for attendees + \$10,000 in lodging for 100 attendees one night each @\$100 per night + \$1765 in labor to facilitate meeting logistics for 5 positions for 12 hours each @ 29.42/hr) x 3 years= \$450,360	3 Years	\$ 150,120	\$ 450,360	\$ 450,360	
Outreach, surveys and data collection --contract services will be required for outreach efforts as well as the development, implementation and collation/analysis of surveys and questionnaires. Two (2) Sr researchers x \$200/hour x 250 hours/year x 3 years	3 years	\$ 100,000	\$ 300,000	\$ 300,000	
Total Contractual (Federal plus non-federal)			\$ 1,044,360	\$ 1,044,360	
F. Other	Quantity	Unit Cost	Total Cost	Federal	Non-Federal
Internet Service -	36 months	\$ 100	\$ 3,600	\$ 3,600	
Phase II - Data Collection, education and outreach programs for local stakeholders, sustainment of governance and other field activities as prescribed by NTIA.			\$ 1,548,773	\$ 1,548,773	
Non-Federal Match for Local stakeholder's meetings, outreach, surveys and data collection over three years. Please see the match spreadsheet for details on how we calculated the amount for this item. Although we calculated the total value of this item as \$700,640, we intend to contribute only \$699,944 toward this SLIGP budget.			\$ 699,944		\$ 699,944
Total Other (Federal plus non-federal)			\$ 2,252,317	\$ 1,552,373	\$ 699,944
Total Charges			\$ 4,133,321	\$ 3,306,657	\$ 826,664
Grand Total			\$ 4,133,321	\$ 3,306,657	\$ 826,664

Match Estimate Worksheet- SLIGP Georgia

Conducting 2 x 2 day data collection, surveys, outreach workshops across the state with local governments						
Local Entities	Avg Annual Salary	Per Hour (rounded)	x 8 hrs day	4 days= 32 hours	Potential Number	Total Match Contribution
County Manager	\$53,000.00	\$25.00	\$200.00	\$800.00	159	\$127,200.00
City Manager	\$50,500.00	\$24.00	\$192.00	\$768.00	300	\$230,400.00
911 Director	\$48,000.00	\$23.00	\$184.00	\$736.00	140	\$103,040.00
IT Specialist	\$63,000.00	\$30.00	\$240.00	\$960.00	200	\$192,000.00
CIO	\$63,000.00	\$30.00	\$240.00	\$960.00	50	\$48,000.00
						\$700,640.00
Conservative Estimate - State Funded Staff Working on Program Planning						
Staff	Avg Annual Salary	Per Hour	Daily Salary	Average 16 hours per month/year = 192 hours for each position	Over three years	Total Match Contribution
GTA	\$83,200.00	\$40.00	\$320.00	192	576	\$23,040.00
GTA	\$68,640.00	\$33.00	\$264.00	192	576	\$19,008.00
GSP	\$43,680.00	\$21.00	\$168.00	192	576	\$12,096.00
DNR	\$43,680.00	\$21.00	\$168.00	192	576	\$12,096.00
GFC	\$43,680.00	\$21.00	\$168.00	192	576	\$12,096.00
OPB	\$43,680.00	\$21.00	\$168.00	192	576	\$12,096.00
DOAS	\$43,680.00	\$21.00	\$168.00	192	576	\$12,096.00
GBI	\$43,680.00	\$21.00	\$168.00	192	576	\$12,096.00
DOC	\$43,680.00	\$21.00	\$168.00	192	576	\$12,096.00
Total State Staff In Kind				1728 hours per year	5184 hours	\$126,720.00
				Total in-kind Match Estimated		\$827,360.00

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>Shemeeka Hopkins</p>	<p>* TITLE</p> <p>Director</p>
<p>* APPLICANT ORGANIZATION</p> <p>Georgia Emergency Management Agency (GEMA)/Homeland Security</p>	<p>* DATE SUBMITTED</p> <p>03/15/2013</p>

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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**

Georgia Emergency Management Agency (GEMA)/Homeland Security

*** AWARD NUMBER***** PROJECT NAME**

State of Georgia FY13 SLIGP

Prefix:

Mr.

*** First Name:**

Charley

Middle Name:*** Last Name:**

English

Suffix:*** Title:**

Director

*** SIGNATURE:**

Shemeeka Hopkins

*** DATE:**

03/15/2013



STATE OF GEORGIA
OFFICE OF THE GOVERNOR
ATLANTA 30334-0900

Nathan Deal
GOVERNOR

March 11, 2013

Mr. Lawrence E. Strickling
Assistant Secretary for Communications
and Information
U.S. Department of Commerce
National Telecommunications and
Information Administration
1401 Constitution Avenue, NW
Room 4898
Washington, DC 20230

Dear Mr. Strickling:

On August 21, 2012, the National Telecommunications and Information Administration (NTIA) announced requirements for the State and Local Implementation Grant Program authorized by Section 6302 of the Middle Class Tax Relief and Job Creation Act of 2012 (Act). The notice described the programmatic requirements under which NTIA will award grants to assist state, local, and tribal governments to use while planning a nationwide, interoperable, public safety broadband network.

The Act directs each state to include, in its application for grant funds, a designated officer or governmental body to serve as coordinator of the grant funds and be responsible for determining the method of consultation between FirstNet and the state. For purposes of communication, coordination, and leadership, I have designated Charley English, Director of the Georgia Emergency Management Agency/Homeland Security, to coordinate with FirstNet to develop and manage Georgia's governance process as Chair of the Statewide Public Safety Interoperability Executive Committee for the State of Georgia. Please direct all communications regarding this program to Director English at the following address:

Charley English, Director
Georgia Emergency Management Agency/Homeland Security
Post Office Box 18055
Atlanta, Georgia 30316-0055
Phone: (404)635-7236
Email: charley.english@gema.ga.gov

We look forward to working with you and your staff to implement a public safety broadband network.

Sincerely,

A handwritten signature in black ink that reads "Nathan Deal".

Nathan Deal