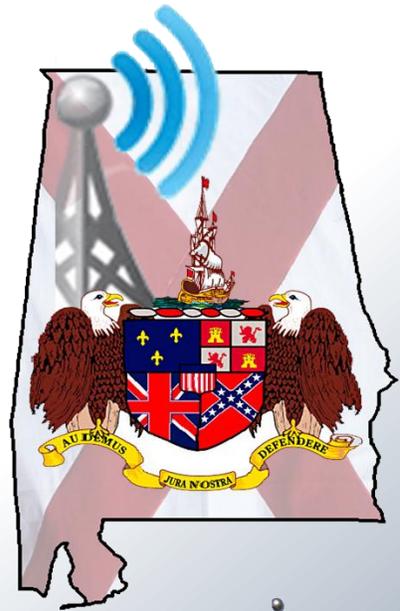


# State of Alabama

## Revised State and Local Implementation Grant Program Application

National Public Safety Broadband  
Network  
FirstNet

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# **I. Standard Form 424**

**Application for Federal Assistance SF-424**

Version 02

<b>* 1. Type of Submission:</b> <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application		<b>* 2. Type of Application:</b> <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision		<b>* If Revision, select appropriate letter(s):</b> <input type="text"/> <b>* Other (Specify)</b> <input type="text"/>	
<b>* 3. Date Received:</b> Completed by Grants.gov upon submission.		<b>4. Applicant Identifier:</b> <input type="text"/>			
<b>5a. Federal Entity Identifier:</b> <input type="text"/>			<b>* 5b. Federal Award Identifier:</b> <input type="text"/>		
<b>State Use Only:</b>					
<b>6. Date Received by State:</b> <input type="text"/>		<b>7. State Application Identifier:</b> <input type="text"/>			
<b>8. APPLICANT INFORMATION:</b>					
<b>* a. Legal Name:</b> Alabama Department of Homeland Security					
<b>* b. Employer/Taxpayer Identification Number (EIN/TIN):</b> 63-6000619			<b>* c. Organizational DUNS:</b> 1403814480000		
<b>d. Address:</b>					
<b>* Street1:</b> 525 Washington Avenue P.O. Box 304115					
<b>Street2:</b> Room 175					
<b>* City:</b> Montgomery					
<b>County:</b> <input type="text"/>					
<b>* State:</b> AL: Alabama					
<b>Province:</b> <input type="text"/>					
<b>* Country:</b> USA: UNITED STATES					
<b>* Zip / Postal Code:</b> 36104-3718					
<b>e. Organizational Unit:</b>					
<b>Department Name:</b> AL Dept of Homeland Security			<b>Division Name:</b> <input type="text"/>		
<b>f. Name and contact information of person to be contacted on matters involving this application:</b>					
<b>Prefix:</b> Mr.		<b>* First Name:</b> Chuck			
<b>Middle Name:</b> <input type="text"/>					
<b>* Last Name:</b> Murph					
<b>Suffix:</b> <input type="text"/>					
<b>Title:</b> Director of Communications					
<b>Organizational Affiliation:</b> Alabama Department of Homeland Security					
<b>* Telephone Number:</b> 334-353-3050			<b>Fax Number:</b> 334-353-3071		
<b>* Email:</b> chuck.murph@dhs.alabama.gov					

Application for Federal Assistance SF-424

Version 02

**9. Type of Applicant 1: Select Applicant Type:**

A: State Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

\* Other (specify):

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

National Telecommunications and Information Admini

**11. Catalog of Federal Domestic Assistance Number:**

11.549

CFDA Title:

State and Local Implementation Grant Program

**\* 12. Funding Opportunity Number:**

2013-NTIA-SLIGP-01

\* Title:

State and Local Implementation Grant Program (SLIGP)

**13. Competition Identification Number:**

2013-NTIA-SLIGP-01

Title:

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

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

Establishment of public safety broadband network.

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

Application for Federal Assistance SF-424

Version 02

16. Congressional Districts Of:

\* a. Applicant

\* b. Program/Project

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

17. Proposed Project:

\* a. Start Date:

\* b. End Date:

18. Estimated Funding (\$):

* a. Federal	<input type="text" value="2,044,932.00"/>
* b. Applicant	<input type="text" value="511,233.00"/>
* c. State	<input type="text" value="0.00"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="2,556,165.00"/>

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

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

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

Yes  No

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

\*\* I AGREE

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

Authorized Representative:

Prefix:  \* First Name:

Middle Name:

\* Last Name:

Suffix:

\* Title:

\* Telephone Number:  Fax Number:

\* Email:

\* Signature of Authorized Representative:  \* Date Signed:

**Application for Federal Assistance SF-424**

Version 02

**\* Applicant Federal Debt Delinquency Explanation**

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

## **II. Standard Form 424A**

**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. Governance, Planning, Outreach, and Education	11.549	\$ 2,044,932.00	\$ 511,233.00	\$	\$	\$ 2,556,165.00
2.						
3.						
4.						
<b>5. Totals</b>		\$ 2,044,932.00	\$ 511,233.00	\$	\$	\$ 2,556,165.00

**SECTION B - BUDGET CATEGORIES**

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
	Governance, Planning, Outreach, & Education				
<b>a. Personnel</b>	\$ 658,800.00	\$	\$	\$	\$ 658,800.00
<b>b. Fringe Benefits</b>	72,009.00				72,009.00
<b>c. Travel</b>	428,400.00				428,400.00
<b>d. Equipment</b>	0.00				0.00
<b>e. Supplies</b>	43,230.00				43,230.00
<b>f. Contractual</b>	837,500.00				837,500.00
<b>g. Construction</b>	0.00				0.00
<b>h. Other</b>	516,226.00				516,226.00
<b>i. Total Direct Charges (sum of 6a-6h)</b>	2,556,165.00				\$ 2,556,165.00
<b>j. Indirect Charges</b>	0.00				\$ 0.00
<b>k. TOTALS (sum of 6i and 6j)</b>	\$ 2,556,165.00	\$	\$	\$	\$ 2,556,165.00
<b>7. Program Income</b>	\$	\$	\$	\$	\$

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SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS	
8. Governance, Planning, Outreach & Education	\$ <input type="text"/>	\$ 511,233.00	\$ <input type="text"/>	\$ 511,233.00	
9. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
10. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
11. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<b>12. TOTAL (sum of lines 8-11)</b>	\$ <input type="text"/>	\$ 511,233.00	\$ <input type="text"/>	\$ 511,233.00	
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"/>
<b>15. TOTAL (sum of lines 13 and 14)</b>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT					
(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)				
	(b)First	(c) Second	(d) Third	(e) Fourth	
16. <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	
17. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
18. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
19. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<b>20. TOTAL (sum of lines 16 - 19)</b>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	
SECTION F - OTHER BUDGET INFORMATION					
21. Direct Charges: <input type="text" value="2,556,165.00"/>		22. Indirect Charges: <input type="text" value="0"/>			
23. Remarks: <input type="text"/>					

## **III. Standard Form 424B**

## 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>Completed on submission to Grants.gov</p>	<p>* TITLE</p> <p>Director</p>
<p>* APPLICANT ORGANIZATION</p> <p>Alabama Department of Homeland Security</p>	<p>* DATE SUBMITTED</p> <p>Completed on submission to Grants.gov</p>

## **IV. CD-511**

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**

Alabama Department of Homeland Security

**\* AWARD NUMBER**

2013-NTIA-SLIGP-01

**\* PROJECT NAME**

Establishment of a public safety broadband network.

Prefix:	* First Name:	Middle Name:
Mr.	Spencer	

* Last Name:	Suffix:
Collier	

\* Title: Director

**\* SIGNATURE:**

Completed by Grants.gov upon submission.

**\* DATE:**

Completed by Grants.gov upon submission.

# **V. Introduction**

Alabama is the 30th largest state in the United States with 52,423 square miles (135,775 km<sup>2</sup>) of total area. Three point nineteen percent (3.19%) of this is water, making Alabama 23rd for surface water and the second largest inland waterway system in the United States. Baldwin County, along the Gulf Coast, is the largest county in the state in both land area and water area. About three-fifths of the land area is a gentle plain with a general decline towards the Mississippi River and the Gulf of Mexico. The North Alabama region is mostly mountainous, with the Tennessee River cutting a large valley creating many creeks, streams, rivers, mountains and lakes. Another natural wonder in the state is Natural Bridge, the longest land bridge span east of the Mississippi River. Alabama ranges in elevation from sea level at Mobile Bay, to a little more than 1,800 feet (550 m) in the Appalachian Mountains in the northeast.

States bordering Alabama include Tennessee to the north, Georgia to the east, Florida to the south, and Mississippi to the west. Alabama has coastline at the Gulf of Mexico southern edge of the state.

Alabama consists of 67 counties, 457 municipalities, and one federally recognized Indian Tribe. Alabama's highest elevation is at Cheaha Mountain (2407 feet) and lowest point is sea level at the Gulf of Mexico. Topography includes coastal plains, hills and broken terrain. Population is 4,557,808+ with six major population centers. In the years following World War II, Alabama emerged as a growing economic power as the economy of the state transitioned from agricultural to diversified interests in heavy manufacturing, mineral extraction, education and high technology. Today, the state is heavily invested in aerospace, education, health care, banking, and various heavy industries including automobile manufacturing, mineral extraction, and steel production and fabrication. Alabama is also an agricultural region with existing industries in paper, lumber, wood products, mining, rubber, plastic products, transportation equipment and apparel. While its population growth is not rapid, the present statewide communications system is inadequate for present needs. Alabama's state, county, tribal and municipal public safety agencies and services use radio in Low Band, VHF, UHF, and 800MHz.

### **National Parks**

Alabama has several national parks including: Horseshoe Bend National Military Park in Daviston, Little River Canyon National Preserve in Fort Payne, Russell Cave National Monument in Bridgeport, Tuskegee Airmen National Historic Site in Tuskegee, and Tuskegee Institute National Historic Site near Tuskegee.

Scenic/historic sites in Alabama also include the Natchez Trace Parkway, the Selma to Montgomery National Historic Trail, and the Trail of Tears National Historic Trail.

### **Population**

As of 2012, Alabama had an estimated population of 4,822,023, which is an increase of 42,278, or 0.9%, from the prior year and an increase of 374,923 since the year 2000. This includes a

natural increase since the last census of 77,418 people (that is, 319,544 births minus 242,126 deaths) and an increase because of net migration of 36,457 people into the state. Immigration from outside the United States resulted in a net increase of 25,936 people, and migration within the country produced a net increase of 10,521 people.

The geographical center of Alabama is located in Chilton County, outside the town of Jemison in an area known as Jemison Division.

## **Highway System**

The State of Alabama's transport system serves many needs, including home-to-work commuting, moving freight and goods throughout the state, intercity and interstate business or personal travel and recreational travel. Alabama has five major interstate roads: I-65 runs north-south roughly through the middle of the state; I-59/I-20 travels from the central west border to Birmingham, where I-59 continues to the northeast corner of the state and I-20 continues east towards Atlanta; I-85 is a main thoroughfare to Atlanta, running from Montgomery to the Georgia border; and I-10 traverses the southernmost portion of the state, running from west to east through Mobile. Another interstate road, I-22, is under construction. When completed (est. 2014), it will connect Birmingham with Memphis, Tennessee.

Public transport services are available. Fixed-route and fixed-schedule service is offered in every urbanized area. Three intercity bus terminals and passenger service to 83 Alabama communities are also available.

Alabama has a system of Strategic Highway Network (STRAHNET) roadways, which would be used for the rapid mobilization and deployment of armed forces in the event of war or peacekeeping. These routes connect military bases to the interstate highway network and include over 15,000 miles of roadway nationally. STRAHNET routes within Alabama include:

- U.S. 45 from the Mississippi state line to I-65 in Mobile
- U.S. 82 from the Mississippi state line to I-59 in Tuscaloosa
- U.S. 84 from the Georgia state line to I-65 in Evergreen
- U.S. 231 from the Florida state line to I-85 in Montgomery
- U.S. 280 from the Georgia state line to I-20/59 in Birmingham, connecting with I-85 in Auburn/Opelika
- U.S. 431 from Dothan to U.S. 80 in Phoenix City

Connector routes also link Fort Rucker, near Dothan, with U.S. 231 and the Anniston Army Depot with I-20.

## Waterways

Alabama has the second largest inland waterway system in America. Also in the state is the 12th busiest deepwater port. Together, the six major rivers of Alabama provide about 1,300 miles of navigable waterways. Mobile Bay, deepened by a shipping channel, subsequently allowed Mobile to develop as a modernized port, ranking among the top dozen seaports of the nation. The Tennessee–Tombigbee Waterway, a 234-mile canal opened in 1985, connects two of the state's main river systems. Railroad transport, as elsewhere in the United States, has suffered a relative decline; however, bus, truck, and airline traffic have increased.

Port Name	Location	Connected To
Port of Guntersville	Guntersville, on Lake Guntersville	Tennessee River
Port of Decatur	Decatur, on Wheeler Lake	Tennessee River
Port of Muscle Shoals	Florence/Muscle Shoals, on Wilson Lake	Tennessee River
Port of Tuscaloosa	Tuscaloosa, on Black Warrior River	Tennessee-Tombigbee Waterway
Port of Montgomery	Montgomery, on Woodruff Lake	Alabama River
Port of Mobile	Mobile, on Mobile Bay	Gulf of Mexico
Port Birmingham	Birmingham, on Black Warrior River	Tennessee-Tombigbee Waterway

## Airports

There are eight commercial and ninety-one general aviation airports in the state. Major airports in Alabama include Birmingham International Airport (BHM), Dothan Regional Airport (DHN), Huntsville International Airport (HSV), Mobile Regional Airport (MOB), Montgomery Regional Airport (IATA: MGM, ICAO: KMGM), Muscle Shoals - Northwest Alabama Regional Airport (MSL), and Tuscaloosa Regional Airport (TCL).

## Railroads

The state has five Class 1 railroads, two Amtrak passenger rail routes with many other intermodal facilities to ease the flow of passengers and freight.

## Government

The foundational document for Alabama's government is the Alabama Constitution, which was signed in 1901. At more than 770 amendments and 310,000 words, it is the world's longest constitution and is roughly forty times the length of the U.S. Constitution.

Alabama is divided into three equal governmental branches:

The Legislative Branch is the Alabama Legislature, a bicameral assembly comprised of the Alabama House of Representatives, with 105 members, and the Alabama Senate, with 35

members. The Legislature is responsible for writing, debating, passing or defeating state legislation.

The Executive Branch is responsible for the execution and oversight of laws. The Governor of Alabama is the head of the Executive Branch. Other members of the Executive Branch include the cabinet, the Attorney General of Alabama, the Alabama Secretary of State, the Alabama Commissioner of Agriculture and Industries, the Alabama State Treasurer, and the Alabama State Auditor.

The Judicial Branch is responsible for interpreting the Constitution and applying the law in state criminal and civil cases. The highest court is the Supreme Court of Alabama.

### Local and County Government

Alabama has 67 counties. Each county has its own elected governing body of commissioners, serving as the executive authority in the county. Because of the restraints in the Alabama Constitution, all but seven counties (Jefferson, Lee, Mobile, Madison, Montgomery, Shelby, and Tuscaloosa) have little-to-no home rule. Instead, most counties must lobby the Local Legislation Committee of the state legislature for even the simplest local policies, such as waste disposal to land use zoning. We do not anticipate having any challenges with the seven aforementioned counties when planning for and deploying the NPSBN.

At the county level, the chief elected officials are the sheriff, county commissioners, judges of probate, tax assessors and collectors, and boards of education. In the 457 municipalities, there are no uniform systems of government: the mayor–council form is most common, but some cities have a commission, and some employ a city manager.

### State Indian Affairs:

There are nine Tribal Governments in Alabama; however, the Federal Government recognizes only one: the Poarch Band of Creek Indian Tribe.

The Alabama Indian Affairs Commission (AIAC) is responsible for:

- Providing a Tribal Relations Officer to coordinate with any tribal governments affected on all aspects of incident management operations
- Organizing and managing a Tribal Relations Field Component to help State Government relations with tribal governments and their incident management organization, communities, victims, and tribal roles

The Assistant Secretary – Indian Affairs (ASIA), Department of the Interior, is the primary official responsible to promote incident liaison, response, and recovery for all federally recognized affected tribal communities after a federally declared disaster. The Bureau of Indian Affairs (BIA) places field officers and uses all available field personnel to aid in incident

management activities. All Federal agencies are required by various authorities, to include Executive Order 13175 Consultation and Coordination with Indian Tribal Governments dated November 6, 2000, to work with tribes and tribal members. Tribal Relations serves as a direct link to these communities and works in close coordination with other program elements to ensure availability of Federal disaster assistance.

#### Tribal Emergency/Disaster Planning Assumptions

##### Placement

Federal Tribal Relations managers and field officers deploy under the National Response Plan and simultaneously with other early response as determined necessary by responsible officials.

##### Data Sharing

Up-to-date databases are made available by those State agencies upholding them to provide fixed contacts, relationships, and rosters of Tribal government officials and apt community groups and organizations to properly identified Tribal Relations officials. Current, accurate, and accessible geographic and demographic databases are made available by those Federal agencies preserving them to properly identified Tribal Relations officials. The Department of Homeland Security (DHS) Office of State and Local Government Coordination coordinates data sharing.

##### Coordination

Tribal Relations officials coordinate with all elements of the Emergency Response Team (ERT) to ensure information spread in the community is timely and consistent.

#### **Major Annual Events**

NASCAR Race Weekend (Twice a year), Talladega, yearly in April & October

Alabama Jubilee Hot Air Balloon Classic, Decatur, yearly in May

Jubilee City Fest, Montgomery, yearly in April

Spirit of America Festival, Decatur, yearly on the 4th

Mobile Bay Jubilee, Mobile Bay, Shrimp Festival Phenomenon at various times

Mardi Gras, Mobile, yearly in February

Alabama Sports Festival, Birmingham, yearly in June/July

City Stages Music Festival, Birmingham, yearly in June

WC Handy Music Festival, Florence, yearly in July  
Regions Charity Classic Golf Tournament, Hoover, yearly in May  
Sidewalk Moving Picture Festival, Birmingham, yearly in September  
Gadsden Riverfest, Gadsden, yearly in June  
Big Spring Jam, Huntsville, yearly in September  
Panoply of the Arts, Huntsville, yearly in April  
BayFest – Mobile’s Music Festival, Mobile, yearly in October  
Major college football games (in state), Sept – Jan yearly  
Papajohn.com Bowl, Birmingham, yearly in December  
GMAC Bowl, Mobile, yearly in January  
Senior Bowl, Mobile, yearly in January  
Peanut Festival, Dothan  
Veteran Day Parade, Birmingham, yearly on Veteran Day

### **Major Venues / Stadiums**

Joe W. Davis Stadium, Huntsville  
Regions Park, Hoover (Formerly the Met)  
Montgomery Riverwalk Stadium, Montgomery  
Montgomery Convention Center, Montgomery  
Hank Aaron Stadium, Mobile  
Von Braun Center, Huntsville  
Birmingham Jefferson Convention Complex, Birmingham  
The Mitchell Center, Mobile  
Bryant-Denny Stadium, Tuscaloosa  
Jordan-Hare Stadium, Auburn

Movie Gallery Veterans Stadium, Troy  
Legion Field, Birmingham  
Ladd Peebles Stadium, Mobile  
Fair Park Arena, Birmingham (AL State Fairgrounds)  
Mobile Civic Center, Mobile  
Rickwood Field, Birmingham  
Robert Trent Jones Golf Trail, various cities  
Point Mallard Aquatic Center, Huntsville  
Talladega Superspeedway, Talladega  
Garrett Coliseum, Montgomery  
The International Motorsports Hall of Fame & Museum, Talladega  
Barber MotorSports Park, Leeds  
Barber Vintage MotorSports Museum, Leeds

Distinctive festivals are celebrated in various locations. Mobile's Mardi Gras is a major event in February, as are its springtime Azalea Trail garden tours and the annual Junior Miss Pageant. Birmingham explores international culture in its annual spring Festival of Arts. The town of Opp hosts a yearly Rattlesnake Rodeo that draws large participation. Most Alabama towns and cities sponsor historic pilgrimages in April to celebrate architectural survivals. The state preserves many parks and several large public lakes, too. Water-skiing, boating, and stock car racing rank among the most popular recreational activities among Alabamians. The Alabama International Speedway at Talladega attracts hundreds of thousands of auto racing enthusiasts twice each year. Three dog-racing tracks draw many bettors. College gridiron football, especially the teams fielded by the state's two major universities, Alabama and Auburn, elicit avid devotion from most the state's residents.

## **Climate**

The Alabama climate is temperate, with an average annual temperature of about 64° F (18° C), mellowed by altitude to some 60° F (16° C) in the northern counties and reaching 67° F (19° C) in the southern counties. The average summer temperature is 79° F (26° C); the winter average is 48° F (9° C). Although summer heat is often eased by the winds blowing in from the Gulf, occasionally the temperature may rise to 100° F (38° C) in the summer. Snow may occasionally fall in the northern counties and frosts are periodic.

Rainfall is evenly spread throughout the year, with an annual average of 56 inches (1,420 millimeters) and a concentration on the coast. These favorable conditions have given the state a long growing season, ranging from 200 days in the north to 300 days in the south.

## **Hazards**

### Natural and Technological:

Alabama's closeness to the Gulf of Mexico gives way to a direct path for hurricanes. A few major category hurricanes have made landfall on Alabama's shoreline over the past decade. There have also been many making landfall both east and west of the state, which caused devastating effects. Major hurricanes have come ashore close to the southern shoreline and evoked major damage before losing strength, changing into tropical storms and moving on out of the state. Alabama has an excellent working relationship with other states bordering on the Gulf, and, because of this, excellent planning can be carried out before storms arrive so excessive damage can be reduced as much as possible.

### **Nuclear Power Plants (NPP)**

#### Tennessee Valley Authority (TVA)

TVA manages Brown's Ferry NPP near Decatur in Alabama's NW Region 5. It is also starting up Belafonte NPP near Huntsville in Alabama's NE Region 6. Both are in the Tennessee River Basin. The adjacent map shows their location and TVA's Electrical Grid for North Alabama and surrounding states.

#### Southern Nuclear Operating Company, Alabama Power Company (APC)

APC runs Joseph M. Farley NPP near Dothan in Alabama's SE Region 2

All Alabama Nuclear Power Plants are regulated by the U.S. Nuclear Regulatory Commission.

### **Statewide Risk Assessment**

Alabama citizens and infrastructure are vulnerable to natural and technological hazards. Vulnerabilities are quantified and combined with potential impact to assets and services to find out risk. The following table is an assessment of these vulnerabilities to certain hazards. It is based on worst-case scenario for hazards and their effects:

HAZARD RANKING		RISK			IMPACT		
		HIGH	MED	LOW	HIGH	MED	LOW
<b>NATURAL HAZARDS</b>							
1	Flooding	H			H		
2	Tornadoes/Windstorms	H			H		
3	Hurricanes	H			H		
4	Winter/Ice Storms	H				M	
5	Lightning	H					L
6	Drought		M				L
7	Hail		M				L
8	Extreme Temperatures		M				L
9	Wildfire (Updated 2011)	H			H		
10	Urban Fire			L			L
11	Earthquakes			L			L
12	Landslides/Subsidence			L			L
<b>TECHNOLOGICAL HAZARDS</b>							
1	Energy Crisis		M			M	
2	Transportation (Air/Sea/Rail)		M			M	
3	Terrorism			L	H		
4	Chemical Stockpile (CSEPP)			L	H		
5	Radiological (Attack)			L	H		
5	Radiological (Fixed Facility)			L		M	
6	Dam Failure			L		M	
7	Hazmat (Fixed Facility)			L		M	
8	Cyber-Terrorism			L		M	
9	Hazmat (Transportation)			L			L
10	Civil Disturbance			L			L
11	Radiological (Transportation)			L			L

# **VI. Project Feasibility**

## **Grant Administration**

The State and Local Implementation Grant Program (SLIGP) will be administered by the Alabama Department of Homeland Security which serves as the state's SAA. As such, the department's staff has many years of experience administering, managing, and monitoring Department of Homeland Security grants of various programs. The department also served as administrative agent and program management for the Public Safety Interoperable Communications (PSIC) Grant Program. The department has over ten (10) years of SAA experience associated with administering Federal public safety specific grant programs.

The department has two grant coordinators tasked with grantee and sub-grantee administration and coordination. The grant coordinators work with state, regional, county, and municipal agencies to ensure grant program compliance and assurance. Each county jurisdiction's governing body, county commission, has appointed a ADHS Point-of-Contact who's responsibility is to work directly with ADHS and the grant managers to ensure the proper grant coordination in his/her jurisdiction. In most cases across the state of Alabama, the county's Emergency Management Director serves in this capacity. The POC's work with the ADHS grant managers year round to coordinate the grant program as set forth by Federal and State DHS guidance.

The department also has two accountants tasked with executing reimbursement claims and ensuring proper documentation for grant expenditures. The accountants work closely with state and federal auditors to ensure grant funds are properly managed and administered. The department's accountants have earned Master Degrees in Accounting from major universities and have extensive training and expertise in Federal accounting practices.

The department is managed by the Director who provides departmental policy and direction. The Director has appointed a Deputy Director, who oversees the daily management of the department, and two Assistant Directors, who oversee specific operations within the department. The Assistant Director of Interoperable Communications, who also serves as the state's State Wide Interoperability Coordinator (SWIC), will be the state's SLIGP Program Manager. He will report to the Director of the department, who has been appointed as FirstNet's POC by the Governor of the State of Alabama.

## **SLIGP Staffing Plan**

The State and Local Implementation Grant Program will be managed by the department's Assistant Director of Interoperable Communications. All day-to-day management will be handled by him, while programmatic/policy decisions will be approved by the Director. The Assistant Director will serve as the Program Manager and will form his staff as specified below.

The Program Manager serves as the state's SWIC and has extensive knowledge in project management, development, implementation, coordination, and collaborative skills necessary to

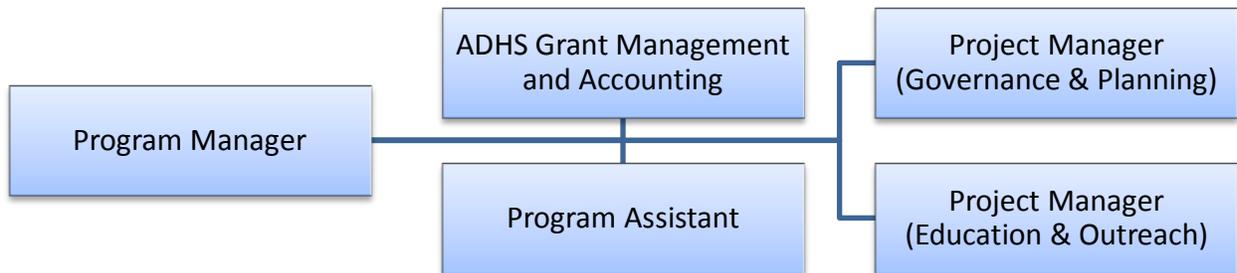
make the SLIGP in Alabama a success. He has a background in the Fire Service, Hazardous Materials, Emergency Management, and Communications. His responsibilities will include, but not be limited to, daily management of the program, implementation of policies and procedures, project reporting, and insurance of grant program guidance compliance and completion.

The Program Manager will hire two individuals to work as Project Managers. These Project Managers will have specific responsibilities as detailed in the budget narrative. They will be required to report directly to the Program Manager on the specific tasks assigned to them relating to the SLIGP.

The Program Manager will also hire a Program Assistant to assist with administrative functions relative to the SLIGP. The assistant's duties will consist of those needed by all of the program team to assist with scheduling, filing, messaging, and coordinating the team.

The Program Manager will develop a Request for Proposal (RFP) seeking professional services from a qualified vendor(s) to assist the team with planning, education/outreach, and implementation. The state will seek vendors whose experience will outline previous work with broadband services and public safety communications.

#### Program Team Organizational Chart



# **VII. Supplemental Application Narrative**

## **Supplemental Application Narrative**

### **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.**

The Alabama Homeland Security Task Force has served as Alabama's Statewide Interoperability Governing Body (SIGB) since 2007. As set forth in Alabama Code - Section 31-9A-12: the task force is comprised of representation from over twenty state and local public safety response agencies. This task force had many responsibilities to include acting as the state's SIGB. In April of 2012, the State Wide Interoperability Coordinator (SWIC) recognized the need to build a broader collaborative body to address not only interoperability, but create a body to assist with Project 25 system build-outs and public safety broadband planning.

In August of 2012, Governor Robert Bentley signed Executive Order 34 creating the Alabama First Responder Wireless Commission (AFRWC). Executive Order 34 outlined the major responsibilities and the membership of the commission. The AFRWC is now Alabama's SIGB and has to date met four times. Over the previous four meetings, the attendance rate has averaged near 98%. The chairperson of the commission is the state's Homeland Security Director. Membership of the commission is as follows: a. The Director of the Alabama Department of Homeland Security (the "Chair"); b. The Director of the Alabama Emergency Management Agency; c. The Director of the Alabama Department of Public Safety; d. The Director of the Alabama Department of Transportation; e. The Adjutant General of the Alabama National Guard; f. The Administrator of the Alabama Alcoholic Beverage Control Board; g. The Commissioner of the Alabama Department of Conservation and Natural Resources; h. The Director of the Alabama Department of Corrections; i. The Chief Information Officer as appointed by the Director of the Alabama Department of Finance; j. The Statewide Interoperable Communications Coordinator; k. The Commissioner of the Alabama Forestry Commission; l. A representative as appointed by the Alabama Sheriffs Association; m. A representative as appointed by the Alabama Association of Volunteer Fire Departments; n. A representative as appointed by the Alabama Association of Chiefs of Police; o. The Alabama Emergency Medical Services Director; p. A representative as appointed by the Alabama Association of Emergency Managers; q. A representative as appointed by the Alabama Association of Fire Chiefs; r. The Chairperson of the Federal Communications Commission's Region 1, 700MHz Regional Planning Committee; s. The President of the Alabama Emergency Number Association; t. The Tribal Chief of the Poarch Band of Creek Indians; and, u. Any additional members the Governor may choose to appoint.

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

The Alabama First Responder Wireless Commission is created through executive order with specific objectives and responsibilities relating to public safety communications. The decisions made by the commission are carried out through the powers prescribed by the executive order. The commission does not have jurisdiction over county and municipal agencies; however the commission’s membership of county and local partners facilitates a very collaborative and cooperative environment for advancing public safety communications.

Bills to codify the Alabama First Responder Wireless Commission are currently introduced in both Alabama’s House and Senate. Once passed and signed into law, the commission will transcend Gubernatorial Administrations and will have more influence over public safety communication at state, county, and municipal levels of government in our state. We do not anticipate any challenges relating to the planning and deployment of the NPSBN if the bills as introduced are not signed into law. The Executive Order provides the needed authority for the AFRWC to facilitate any needs as requested by FirstNet and/or NTIA. We have reached out to federal agencies in the past to provide membership in the SIGB, but have had very disappointing results.

**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.**

The Governor has designated the state’s Homeland Security Director as the point-of-contact for consultations with FirstNet. The Homeland Security Director also serves as the Chairman of the Alabama First Responder Wireless Commission. The executive order outlines the commission’s responsibilities relating to both public safety voice and data. The state will leverage the SIGB by partnering in education & outreach, asset & infrastructure cataloging, and end user feedback.

**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?**

Alabama’s SIGB has extensive membership of public safety professionals representing state, county and municipal response agencies. These professionals, who represent public safety interest in the field, will provide the needed input from an end-user’s prospective. The commission has plans to release a Request for Proposal (RFP) to bring onboard a consultant company to provide the state with subject matter expertise on wireless broadband and Long

Term Evolution (LTE) technologies. The consultant will work with members of the commission to ensure the state's strategy is in our first responder's best interests.

**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 currently supports the financial needs of the commission thru each of the cabinet level department's participation. The commission does not have a "line item" in the general fund budget, nor does it need one for the intended purpose of the commission. Since the commission will have additional duties and responsibilities assigned to it regarding the planning, education/outreach, and deployment of the NPSBN in Alabama, some SLIGP funding will be used to facilitate those initiatives. The funding amounts can be found in the Budget Narrative.

## **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?**

Currently, Alabama's SCIP does not have public safety wireless broadband strategic goals and initiatives. However, Alabama's SCIP is slated to be updated in July of this year through a workshop provided by OEC's ICTAP group. It will be at this time that Alabama's SCIP will be updated to include the relevant public safety wireless broadband strategic goals and initiatives for our state.

**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.**

The state has a strong working relationship with local governments and Alabama's only federally recognized Indian Tribe, the Poarch Creek Indian Tribe. This relationship has been developed over the past decade due in no small part to the State Homeland Security Grant Program (SHSGP) and regional collaboration initiatives. The commission is comprised of representation from every public safety professional association, including the tribe. These representatives represent Alabama's Law Enforcement Community (State, Sheriff, & Municipal Law), Fire/Rescue (Fire Chiefs & Volunteer Fire), Emergency Management (State, County & Tribe),

Emergency Medical Services, and Rescue Squads. The commission has been the primary body, thus far, addressing public safety broadband issues. In the proposed legislation to codify the commission, the League of Municipalities and the County Commission Association will also have representation on the commission.

**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.**

At this time, the state does not intend to use SLIGP funding to support efforts to update the SCIP. Once the SCIP is updated via the ICTAP workshop in July, it will contain the appropriate public safety broadband strategic goals and initiatives needed for our state. If funding is needed to address the addition of these goals and initiatives at a later time, the commission will work with the consultant to ensure the proper updates are made to the SCIP.

### **3. State-level Involvement**

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

Alabama's Statewide Interoperability Coordinator (SWIC) is employed full-time by the Alabama Department of Homeland Security and works directly for the HSA/SAA. The SWIC is also a member of the Alabama First Responder Wireless Commission and will coordinate the SLIGP on the HSA's behalf. The SWIC will work with the members of the commission as well as the public safety community in general in regards to the NPSBN in Alabama.

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

The State's Chief Information Officer (SCIO) is a member of the commission and will provide vital input to the SLIGP and the deployment of the NPSBN. The SCIO will provide technical expertise to the commission and provide technical feedback on system architecture and design.

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

The core State-level agencies involved with the SLIGP will be the Alabama Emergency Management Agency, Department of Public Safety, Information Services Division, and the Alabama National Guard. The commission, as a whole, will play a vital role in the implementation of the SLIGP to include the member agencies/departments. We foresee the SLIGP providing us the resources needed to reach out to other entities such as utilities, public works, and education.

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

The state expects to hire contract employees to assist with the planning, education/outreach, and implementation of the SLIGP. The specific staffing resources the State will require are positions in project management assistance and educational/outreach program development specialists.

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

The State plans to utilize SLIGP funding to foster private industry and potential secondary user collaboration on Alabama's portion of the NPSBN. Currently, informal discussions have taken place between State officials and possible secondary users. Once SLIGP funding is awarded to the State, commission representatives will work with private industry and potential users to explore future opportunities.

#### **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?**

Sub-jurisdictions of the State of Alabama are known as counties and municipalities. Alabama has 67 counties and 426 municipalities. Geographically speaking, as it relates to Emergency Management and Homeland Security, Alabama has 7 regions. These regions have no legislative or statutory authority and are used for collaborative purposes.

**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 AFRWC has membership representing the interests from all jurisdictions of the State. The commission will work with all interested jurisdictions on the planning and coordination of NPSBN projects.

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

The State has worked and continues to work with sub-jurisdictions on numerous projects. A couple of the more national recognized projects were the Virtual Alabama program and the Alabama Mutual Aid System. Virtual Alabama was a state sponsored initiative to create a Common Operations Picture for first responders and support personnel. Through numerous agreements, counties and municipalities shared aerial imagery with the state in a partnership to populate GIS information in the program for first responder use and accessibility. The Alabama Mutual Aid System (AMAS) is a network of first responder capabilities fostered by state and federal funding. AMAS resources are used both for intrastate and interstate emergencies and events.

**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?**

A couple of primary challenges the State has faced when engaging with local jurisdictions is information dissemination and participation due to budgetary constraints. In recent years, local budgets have prohibited representatives from travel to workshops and conferences. The state has budgeted funding from the SLIGP to assist those representatives whose budgets would not otherwise allow them to attend meetings relating to the NPSBN. The Education and Outreach Project Manager will work to ensure appropriate participation by our local representatives and report to the Program Manager on any shortfalls.

## **5. Regional Coordination**

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

The Alabama Department of Homeland Security has seven geographically arranged Regional Advisory Committees (RAC) used for regional collaboration and coordination. These RAC's consists of Fire, Law, EMA, EMS, E-911, Elected Officials, and other first responder/support agencies from municipalities and counties located within their region. Each individual RAC meets and conducts business at their own discretion. To assist the SIGB with interoperable communications, each RAC appointed a subcommittee of Interoperability. Each RAC appointed a subcommittee of Interoperability. The RAC's were asked to include communication professionals from each county to work in a collaborative manner. Each subcommittee appointed a chairman to report to and attend the RAC meetings. As aforementioned, the RACs and subcommittees meet at the call of the chair. The state doesn't monitor the meeting schedule of the committees or subcommittees. However, once we begin using the subcommittees for NPSBN, we will track meetings in ensure participation.

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

Alabama has worked with neighboring Gulf Coast states on a number of mutual aid issues relative to interoperable communications. The GULFWIN (Gulf Coast Wide area Interoperability Network) initiative originally included Louisiana, Mississippi, and Alabama working together to establish a Common Operating Picture for communications. This initiative grew even more important when all of the Gulf Coast dealt with the BP Oil Spill. The three states worked together and brought Florida's panhandle into the fold to work with the Coast Guard on establishing a coordination communications platform. Mobile Tower Trailers were used to expand P25 coverage to areas along the coast that did not have access. The initiative was one of only a few best practices coordinated during the response phase.

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

The State plans to meet with our neighboring jurisdictions, such as Mississippi, Tennessee, Louisiana, Texas, and Georgia to discuss future possibilities relative to the deployment of the NPSBN. Informal discussions have already taken place with plans to continue to collaborate moving forward. Until formal discussions and agreements are executed, the State will not outline hypotheticals in this application.

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

The State did not collaborate with any other state, territory, or regional entity in the production of this application.

## **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 Alabama has only one federally recognized Indian tribes located with our borders. The Poarch Band of Creek Indians is located within Alabama and has land in numerous areas across the state.

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

The State has a very good public safety relationship with the Poarch Band of Creek Indians. The AFRWC has representation from them on the commission. The State will work closely on the planning and deployment of the NPSBN with the tribe.

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

To our knowledge, the Poarch Creek Band of Creek Indians was the first tribe to host and participate in a Federal DOD exercise in the nation. The exercise was based on a CBRNE incident that involved numerous local, tribe, state, and federal response agencies. The state worked very closely with the tribe to plan and execute the exercise alongside our federal partners. The tribe has established an Emergency Management Agency to coordinate with state

homeland security and emergency management officials. We often refer to the tribe as our 68<sup>th</sup> county due to our efforts to ensure their inclusion into state emergency planning.

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

Yes, the tribal Chief has designated a firefighter to attend our meetings.

**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?**

The State has not experienced problems with engaging the tribal nation in coordinating emergency response and planning initiatives.

## **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.**

As part of the SLIGP objectives, the state will work with the consultant to classify local jurisdictions into rural and non-rural areas. The state feels it is premature to begin classification of our jurisdictions until we understand FirstNet's intentions relative to coverage and usability. The Federal government has several differing definitions of how to classify rural/urban areas. For the purposes of this application, the state will use the Census definition which defines rural as all areas outside urban areas, which places the upper limit of rural at 2,500, since urban areas must have at least 2,500 people. The state reserves the right to utilize any other definition at a future date after consultation during the planning phase.

**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 state plans to use SLIGP funding to determine coverage areas, availability of broadband services and LTE technology in the rural areas of the state. As stated in 7.a, the state will work with our consultant to determine the state's definition of rural areas.

**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.**

The state will work closely with rural first responders to incorporate their participation into the planning phase. In order for the NPSBN initiative to be successful here in Alabama, rural participation and buy-in will be key. The state will use rural representation on the AFRWC to begin the necessary outreach programs to ensure rural participation. The state will hold regional workshops in all regions across the state to include rural areas. The state will also assist with funding for travel costs associated with rural participants. The state will also have multimedia programs so rural participants can participate via internet and/or conference calls.

## **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 State currently uses the CASM database accessible by state and local public safety communication professionals to enter existing infrastructure. CASM is used both as a database and visual geographic software to allow users to display specific communications data. In the last month, Alabama received technical assistance from OEC's ICTAP to produce a broadband specific database that our locals could access via the internet. The database was just recently activated and we anticipate having our first data pull by the end of April 2013.

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

The CASM database can be updated at any time as the end users have their own login information and schedule for accessing the database. There is no standard update procedure mandated by the state. The broadband specific database will have its first data pull at the end of April 2013.

## **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.**

As part of the SLIGP process, the state will work with the contractor to develop a plan to identify any hardening, security, reliability, or resiliency requirements needed for NPSBN sites. The state currently has no “standard(s)” for public safety communications network sites. However, the state’s Information Technology Division and Criminal Justice Information System do have very stringent guidelines to follow regarding the statewide network. The state anticipates working with the contractor to identify and implement a system wide hardening, security, reliability, and resiliency regiment.

**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.**

The state will work with the Alabama Division of State Purchasing to ensure that the proper hardening, security, reliability, and resiliency requirements are included in state contracts for commercial wireless providers if needed. Both State and Local jurisdictions purchase from these contracts.

## **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 AFRWC will work within its membership to create a comprehensive education and outreach program. Through this program, the commission will identify the potential users of the NPSBN to include state, county, tribe, and local primary and secondary users.

## **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.**

The state will hold three annual conferences across the state to encompass State, local and tribal participants to educate and train multi-discipline, public safety, other government users and secondary users. The state will also develop a webinar series for participants to learn about the planning process and participate in interactive forums with other users. Additional methods the state may use in the future to educate and provide outreach to those who will ultimately utilize the NPSBN is to have face-to-face meetings, attend public safety oriented professional association meetings, regional committee meetings, and other types of meeting scenarios as would typically be needed to properly education an individual or group of individuals on projects of this magnitude. Workshops could be held monthly, quarterly, and/or annual as determined by the project team to achieve the desired effectiveness.

## **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 our knowledge, there are no obstacles, laws, and/or legal issues that will impede our ability to participate fully in the nationwide public safety broadband network or in SLIGP. As part of the statement of work for our consultant, they will work with the state to ensure no Federal, State, and/or local laws would prohibit any potential use or participation in the NPSBN.

## **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?**

The state has used the CASM program and an online survey tool provided by OEC's ICTAP to capture numerous data sets. The state anticipates working with the consultant to develop a new website specifically for capturing the necessary data. Also, we will have personnel assigned to visit with local users to collect data if needed.

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

The state has discussed a multitude of tools and ideas to assist with the SLIGP and ultimately the actual implementation of the NPSBN. However, until we have the opportunity to work with our consultant and also learn more about FirstNet's intentions moving forward, we will keep our options open.

## **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 anticipates the activities to be undertaken in Phase 2 will include, but not limited to: continuation of planning, detailed coverage expectation based on prioritization, infrastructure site planning and development, and network conception planning.

## **15. Other**

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

The state did not utilize the services of any consultant, vendor, or other entity in the development of this SLIGP application.

## **VIII. Detailed Budget Justification**

## Revised State of Alabama SLIGP Detailed Budget Spreadsheet

Category	Detailed Description of Budget (for full grant period)			Breakdown of Costs	
	Quantity	Unit Cost	Total Cost	Federal	Non-Federal
<b>a. Personnel</b>					
Program Manager The Program Manager will spend 60% of the time on SLIGP grant activities for 3 years. The SWIC's annual salary is \$78,000. \$78,000 x 60% = \$46,800	3 years	\$46,800	\$140,400	\$0	\$140,400
Project Manager - Governance & Planning One project manager will spend 100% of his/her time on the project for 3 years.	3 years	\$60,000	\$180,000	\$180,000	\$0
Project Manager - Education & Outreach One project manager will spend 100% of his/her time on the project for 3 years.	3 years	\$60,000	\$180,000	\$180,000	\$0
Program Assistant One grant manager will spend 100% of his/her time on the project for 3 years.	3 years	\$30,000	\$90,000	\$90,000	\$0
Attorney One attorney will spend 20% of his/her time on the project for 3 years. The attorney's annual salary is \$114,000. \$114,000 x 20% = \$22,800	3 years	\$22,800	\$68,400	\$0	\$68,400
<b>Total Personnel</b>			<b>\$658,800</b>	<b>\$450,000</b>	<b>\$208,800</b>
<b>b. Fringe Benefits</b>					
Program Manager Fringe is calculated at 18% of salary, for the portion of time spent on SLIGP activities (60%)	\$140,400	18.00%	\$25,272	\$0	\$25,272
Project Manager Fringe is calculated at 7.65% (Temporary Worker percentage) of salary.	\$180,000	7.65%	\$13,770	\$13,770	\$0
Project Manager Fringe is calculated at 7.65% (Temporary Worker percentage) of salary.	\$180,000	7.65%	\$13,770	\$13,770	\$0
Program Assistant Fringe is calculated at 7.65% (Temporary Worker percentage) of salary.	\$90,000	7.65%	\$6,885	\$6,885	\$0
Attorney Fringe is calculated at 18% of salary, for portion of time spent on SLIGP activities (20%).	\$68,400	18.00%	\$12,312	\$0	\$12,312
<b>Total Fringe Benefits</b>			<b>\$72,009</b>	<b>\$34,425</b>	<b>\$37,584</b>
<b>c. Travel</b>					
Mileage for Working Group Meetings 25 individuals traveling 200 miles roundtrip for 10 meetings; cost per mile is based on state mileage rates	50,000 miles	\$0.52	\$26,000	\$26,000	\$0

Pre-Award Cost Travel for Regional Meeting with FirstNet/NGA *Estimated: 14 individuals will attend 1 meeting Airfare is estimated at \$750/ticket; hotel is estimated at \$100/night for two nights; meals are estimated at \$75/day for 3 days, for a total of \$1,175	14 (people)	\$1,175	\$16,450	\$16,450	\$0
Travel for Regional and National Meetings regarding the NPSBN *Estimated: 10 individuals will attend 10 meetings Airfare is estimated at \$900/ticket; hotel is estimated at \$180/night for three nights; eligible meal & travel expenses is estimated at \$100/day for 3 days, for a total of \$1,740/trip @ 100 trips	100	\$1,740	\$174,000	\$174,000	\$0
Travel for In-State Meetings regarding NPSBN matters 150 individuals will attend 3 conferences per diem is estimated at \$75/day for 15 days (including travel days), for a total of \$1,125/person	150	\$1,125	\$168,750	\$168,750	\$0
Lease for Transportation Vehicle Trasportation times 2 for SLIGP staff to attend meetings at \$600/month=\$1,200/month	36	\$1,200	\$43,200	\$43,200	\$0
<b>Total Travel</b>			<b>\$428,400</b>	<b>\$428,400</b>	<b>\$0</b>
<b>d. Equipment</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Federal</b>	<b>Non-Federal</b>
N/A	0	\$0.00	\$0.00	\$0.00	
<b>Total Equipment</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>e. Supplies</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Federal</b>	<b>Non-Federal</b>
Multi-Function Printer/Fax/Scanner/Copier	1	\$4,950	\$4,950	\$4,950	\$0
Office Supplies budgeted at \$80/month for 36 months	36	\$80	\$2,880	\$0	\$2,880
Conference Supplies Conference Supplies, Handouts, Easels, Pads, etc... estimated \$3,500/conf	3	\$3,500	\$10,500	\$10,500	\$0
Combination Digital/DryErase Board for planning	1	\$4,000	\$4,000	\$4,000	\$0
Laptops	4	\$2,700	\$10,800	\$10,800	\$0
Tablets	3	\$700	\$2,100	\$2,100	\$0
Large Monitors	4	\$2,000	\$8,000	\$8,000	\$0
<b>Total Supplies</b>			<b>\$43,230</b>	<b>\$40,350</b>	<b>\$2,880</b>
<b>f. Contractual</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Federal</b>	<b>Non-Federal</b>
Website Development and Maintenance 200 hrs./year for 3 years; average hourly rate is \$80	600 (hrs)	\$80	\$48,000	\$48,000	\$0
Data Collection for Phase 2 1,500 hrs./year for 2 years; average hourly rate is \$100	3000 (hrs)	\$100	\$300,000	\$300,000	\$0
Intrastate Regional Meeting Rooms (to include A/V, meals, etc.) with First Responders and other Emergency Support Personnel. 7 Geographical Regions x 3 one day meetings each x \$5,000/meeting	21 meetings	\$5,000	\$105,000	\$105,000	\$0

Conference Space/Rooms 3 annual meetings requiring 3 days of facility use and 1 Interstate Regional meeting requiring 3 days of facility use. Includes all floorspace, catering, A/V, etc... 12 days x \$25,000/day	12 days	\$25,000	\$300,000	\$300,000	\$0
Web based Conference/Meeting Registration Software. Estimating 1000 registrations at \$4/registration.	1,000	\$4	\$4,000	\$4,000	\$0
Video Production for SLIGP Education and Outreach. 350 hrs. @ \$230/hr	350 (hrs)	\$230	\$80,500	\$80,500	\$0
<b>Total Contractual</b>			<b>\$837,500</b>	<b>\$837,500</b>	<b>\$0</b>
<b>g. Construction</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Federal</b>	<b>Non-Federal</b>
N/A			\$0.00	\$0.00	\$0.00
<b>Total Construction</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>h. Other</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Federal</b>	<b>Non-Federal</b>
Wireless Connection for Laptops and Tablets 7 laptops/tablets/month x 12 months/year x 3 years = 252; the monthly cost for each laptop's connection is \$55	252	\$55	\$13,860	\$13,860	\$0
Conference Display for meetings. Background board for displaying information to participants in vendor areas or hallways.	1	\$2,797	\$2,797	\$2,797	\$0
Office Space for SLIGP staff based on 550 sqft @ \$12/sqft/month for 3 years	36	\$6,600	\$237,600	\$237,600	\$0
As approved by Asst. Sec. Lawrence Strickling, we are using conference attendee time as local in-kind match. Conference Meeting Attendance Time by First Responders and Emergency Support Personnel. 100 attendees x 6 hrs/conference day x 12 conference days= 7,200 man hours. We calculate that the total value of conference attendee time is \$252,000 (7,200 x \$35/hour). However, we plan to only commit \$222,594 toward the SLIGP match.	7,200 manhours	\$35/hour	\$222,594	\$0	\$222,594
As discussed and approved by Asst. Sec. Lawrence Strickling, we are using conference attendee time as local in-kind match. Governance Meeting Attendance Time 25 state & local representatives will attend 6 meetings per year for 3 years (total of 18 meetings); each meeting will be 2 hour long 87.5% of meeting time will be spent on NPSBN matters.(25 rep./meeting x 18 meetings x 1.75 (2 hr.)/meeting = Approximately 787.5 hours). The average value of the representatives' time is \$50/hour.	787.5 manhours	\$50	\$39,375	\$0	\$39,375
<b>Total Other</b>			<b>\$516,226</b>	<b>\$254,257</b>	<b>\$261,969</b>
<b>Total Direct Charges</b>			<b>\$2,556,165</b>	<b>\$2,044,932</b>	<b>\$511,233</b>
<b>i. Indirect Costs</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Federal</b>	<b>Non-Federal</b>

No Indirect Costs	\$0.00	0%	\$0	\$0	\$0
<b>Total Indirect</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>TOTALS</b>			<b>\$2,556,165</b>	<b>\$2,044,932</b>	<b>\$511,233</b>

**Personnel**

<i>Federal:</i>	<i>\$450,000</i>
<i>Non-Federal:</i>	<i>\$208,800</i>
<i>Total:</i>	<i>\$658,800</i>

See the Detailed Budget Spreadsheet for calculations

- Program Manager (Non-Federal): \$234,000/3 year period (\$78,000/year salary)

The Program Manager will be responsible for accomplishing the stated project objectives. Key program management responsibilities include creating clear and attainable program objectives, building the project requirements, and managing the constraints of the project management triangle, which are cost, time, scope, and quality. The current Assistant Director and State Wide Interoperability Coordinator (SWIC) will be the Program Manager of the SLIGP and NPSBN initiative in Alabama and will spend 60% of his/her time on NPSBN matters. All of this expense will be provided as an in-kind match. The source of this match is the State’s general fund and is not from another Federal source.

- Project Manager – Governance and Planning (Federal): \$180,000/3 year period (\$60,000/year salary)

The Project Manager will be responsible for implementing tasks as prescribed by the Program Manager. The Governance and Planning Project Manager will be hired once the SLIGP is funded. Tasks will include, but not be limited to: coordination and expansion of the SIGB (Alabama First Responder Wireless Commission), development of the procedures for inclusiveness of state, local and tribal representatives in the consultation process with FirstNet, develop Memorandums of Agreement (MOA) with various agencies/jurisdictions for use of infrastructure and coordinate the update of the SCIP to incorporate NPSBN.

- Project Manager – Education and Outreach (Federal): \$180,000/3 year period (\$60,000/year salary)

The Project Manager will be responsible for implementing tasks as prescribed by the Program Manager. The Education and Outreach Project Manager will be hired once the SLIGP is funded. Tasks will include, but not be limited to: create a process for education and outreach through program development or through other efforts among local and tribal officials, public safety users, and other stakeholders about the NPSBN; schedule, plan, and implement state, regional and local workshops; and create multimedia products via the internet, podcasts, and other platforms to educate end users on the NPSBN.

- Program Assistant (Federal): \$105,000/3 year period (\$35,000/ year salary)

The Program Assistant will be responsible for assisting both Project Managers in the execution of tasks and objectives. The assistant will share duties under both programs and will report directly to the Program Manager.

- Attorney (Non-Federal): \$68,400/3 year period

The state will use in-house legal counsel when dealing with matters regarding FirstNet and the NPSBN. If Alabama's Request for Waiver Reduction is not honored, the state will attempt to fund with local resources. The attorney will use 25% of his/her time on NPSBN/SLIGP related tasks.

**Fringe**

<i>Federal:</i>	<i>\$36,000</i>
<i>Non-Federal:</i>	<i>\$29,376</i>
<i>Total:</i>	<i>\$65,376</i>

See the Detailed Budget Spreadsheet for calculations

- Program Manager (Non-Federal): Benefits include FICA, insurance, and retirement. This position spends 60% of the time on SLIGP, so 60% of the fringe benefits will be provided as an in-kind match from the State's general fund and is not from another Federal source.
- Project Manager for Governance and Planning (Federal): Benefits include FICA. This position spends 100% of his/her time on SLIGP, so all fringe benefits have been allocated to this grant.
- Project Manager for Education and Outreach (Federal): Benefits include FICA. This position spends 100% of his/her time on SLIGP, so all fringe benefits have been allocated to this grant.
- Program Assistant (Federal): Benefits include FICA. This position spends 100% of his/her time on SLIGP, so all fringe benefits have been allocated to this grant.
- Attorney (Non-Federal): Benefits include FICA, insurance, and retirement. This position spends 20% of the time on SLIGP, so 20% of the fringe benefits will be provided as an in-kind match from the State's general fund and is not from another Federal source.

**Travel**

<i>Federal:</i>	<i>\$253,100</i>
<i>Non-Federal:</i>	<i>\$0</i>
<i>Total:</i>	<i>\$253,100</i>

See the Detailed Budget Spreadsheet for calculations

- Mileage for Working Group Meetings (Federal): Staff members will drive to various locations across the state to participate in meetings with local and tribal jurisdictions to raise awareness of the PSBN, discuss local and tribal needs, and identify potential network users.
- Travel for Regional and National Meetings with FirstNet (Federal): Staff will attend national and regional conferences to meet with FirstNet and share information and collaborate with other grant recipients. Travel costs include airfare, hotel, and per diem.
- Travel for State hosted Conferences (Federal): The state will host three annual conferences within our own state that will assist in the education and outreach of FirstNet and the NPSBN. To ensure proper participation of state, local, and tribal jurisdictions, the state will use SLIGP to supplement their travel expenditures. These conferences will play a vital role in gaining face-to-face time with numerous jurisdictions in a timely and efficient manner.

#### **Equipment**

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

We do not plan to have any equipment costs for this grant program.

#### **Supplies**

<i>Federal:</i>	<i>\$35,150</i>
<i>Non-Federal:</i>	<i>\$2,880</i>
<i>Total:</i>	<i>\$38,030</i>

See the Detailed Budget Spreadsheet for calculations

- Multi-Purpose Printer/Copy/Fax/Scanner (Federal): A multi-purpose printer will be purchased for the SLIGP employees to support their grant-related activities.
- Office Supplies (Non-Federal): This includes paper, folders, pens, and other general office supplies which will be used by the SLIGP employees for grant-related activities.
- Laptops/Tablets (Federal): The State will purchase new laptops and tablets, to include docking stations, monitors, wireless plans, display capabilities and accessories, for the SLIGP employees for use while on travel and for conducting other grant-related work.

**Contractual**

<i>Federal:</i>	<i>\$1,130,500</i>
<i>Non-Federal:</i>	<i>\$0</i>
<i>Total:</i>	<i>\$1,130,500</i>

See the Detailed Budget Spreadsheet for calculations

- Data Collection & Professional Services (Federal): The state anticipates releasing a Request for Proposal (RFP) for professional services relating to the planning, implementation, and consultation of FirstNet for the NPSBN. The chosen consultant will be required to work with the state/commission per the statement of work (SOW) agreed upon during the contracting phase. The state anticipates the consultant to handle various technical and logistical aspects of the planning, data collection and consultation phases. The consultant will supply the state with subject matter experts (SME) to assist the state in preparing for the consultation process with FirstNet.
- Conference and Workshop Meeting Space (Federal): The state will need to rent/lease space to conduct numerous conference and workshops across the state.
- Website for outreach (Federal): The state will develop and maintain a website to serve Alabama’s first responders and support personnel to keep up to date on the latest FirstNet and NPSBN initiatives. The website will also serve as a portal for the capture of data needed to use in the planning and consultation with FirstNet.
- Video Production (Federal): The state will produce a video to be distributed to all first responders and support personnel to thoroughly explain the NPSBN initiative and Alabama’s specific plans relative to FirstNet.

**Construction**

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

We do not plan to have any construction costs for this grant program.

**Other**

<i>Federal:</i>	<i>\$140,182</i>
<i>Non-Federal:</i>	<i>\$39,400</i>
<i>Total:</i>	<i>\$179,582</i>

See the Detailed Budget Spreadsheet for calculations

- Wireless Connection for Laptops (Federal): The three laptops and three tablets purchased for the SLIGP staff will have wireless connections to facilitate work while at meetings and on travel.
- Conference Display (Federal): As part of the State’s education and outreach activities, we plan to purchase a large conference display to serve as a backdrop at meetings and events. We plan to use this backdrop to display information regarding the NPSBN activities.
- Office Space (Federal): Due to no additional office space at our current location, the state will be forced to lease additional office space to accommodate the addition of personnel to work exclusively on NPSBN matters.

**Indirect**

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

- Indirect: The Alabama Department of Homeland Security does not have an indirect cost agreement with the Federal government.

**TOTALS:**

<i>Federal:</i>	<i>\$2,044,932</i>
<i>Non-Federal:</i>	<i>\$280,456</i>
<i>Total:</i>	<i>\$2,325,388</i>

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.**

**Statement for Loan Guarantees and Loan Insurance**

The undersigned states, to the best of his or her knowledge and belief, that:

In any 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 commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, 'Disclosure Form to Report Lobbying,' in accordance with its instructions.

Submission of this statement 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 statement 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.

\* NAME OF APPLICANT

Alabama Department of Homeland Security

\* AWARD NUMBER

2013-NTIA-SLIGP-01

\* PROJECT NAME

Establishment of a public safety broadband network.

Prefix: Mr. \* First Name: Spencer Middle Name:

\* Last Name: Collier Suffix:

\* Title: Director

\* SIGNATURE: Deborah Link

\* DATE: 03/19/2013

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>Deborah Link</p>	<p>* TITLE</p> <p>Director</p>
<p>* APPLICANT ORGANIZATION</p> <p>Alabama Department of Homeland Security</p>	<p>* DATE SUBMITTED</p> <p>03/19/2013</p>

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## 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.

# **IX. Letter of State Designation**

OFFICE OF THE GOVERNOR

ROBERT BENTLEY  
GOVERNOR



STATE CAPITOL  
MONTGOMERY, ALABAMA 36130

(334) 242-7100  
FAX: (334) 242-3282

## STATE OF ALABAMA

March 11, 2013

Lawrence E. Strickling  
Assistant Secretary for Communications and Information  
and Administrator, National Telecommunications and Information Administration (NTIA)  
U.S. Department of Commerce  
1401 Constitution Avenue, N.W., Suite 4898  
Washington, D.C. 20230

Dear Assistant Secretary Strickling:

In compliance with Section 6302, Subtitle C, Title VI of the Middle Class Tax Relief and Job Creation Act of 2012, I have appointed my Director of Homeland Security and Homeland Security Advisor (HSA) Spencer Collier to coordinate the implementation of grant funds and FirstNet matters on my behalf. I have also established through Executive Order 34 as amended, the Alabama First Responder Wireless Commission, which Director Collier serves as Chairman. My administration is committed to working with FirstNet to provide our First Responders the communication tools needed to safely and efficiently serve the citizens of our great state.

Please find Director Collier's contact information below:

Spencer Collier  
Director, Alabama Department of Homeland Security  
P.O. Box 304115  
Montgomery, AL 36130-4115  
Phone: (334) 353-3050  
Email: [spencer.collier@dhs.alabama.gov](mailto:spencer.collier@dhs.alabama.gov)  
Alt. Email: [chuck.murph@dhs.alabama.gov](mailto:chuck.murph@dhs.alabama.gov)

Sincerely,

A handwritten signature in cursive script that reads "Robert Bentley".  
Robert Bentley  
Governor