

Application for Federal Assistance SF-424

Version 02

* 1. Type of Submission: <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application	* 2. Type of Application: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision	* If Revision, select appropriate letter(s): _____ * Other (Specify): _____
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* 3. Date Received: 03/18/2013	4. Applicant Identifier: 02703131008X
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5a. Federal Entity Identifier: _____	* 5b. Federal Award Identifier: _____
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State Use Only:

6. Date Received by State: _____	7. State Application Identifier: _____
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8. APPLICANT INFORMATION:

* a. Legal Name: Guam Homeland Security / Office of Civil Defense	
* b. Employer/Taxpayer Identification Number (EIN/TIN): 980018947	* c. Organizational DUNS: 778904292

d. Address:

* Street1: 221B Chalan Palasyo
Street2: _____
* City: Agana Heights
County: _____
* State: _____ GU: Guam
Province: _____
* Country: _____ USA: UNITED STATES
* Zip / Postal Code: 96910

e. Organizational Unit:

Department Name: Guam Homeland Security / Offic	Division Name: _____
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f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Mr.	* First Name: Bradley
Middle Name: A.	
* Last Name: Hokanson	
Suffix: _____	

Title: Statewide Interoperability Coordinator
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Organizational Affiliation: _____
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* Telephone Number: (671) 475-9600	Fax Number: (671) 477-3727
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* Email: bradley.hokanson@ghs.guam.gov
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**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:**

F: U.S. Territory or Possession

**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.):**

Guam

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

Guam FY 2013 State and Local Implementation Grant Program

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

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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="529,300.00"/>
* b. Applicant	<input type="text" value="0.00"/>
* 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="529,300.00"/>

\* 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:

**State and Local Implementation Grant Program (SLIGP)**  
**Supplemental Narrative Questions**

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.*

Governor Edward J.B. Calvo signed Executive Order 2012-12 to establish the Interoperable Communication Working Group. The purpose of this committee is to have an interdisciplinary approach among all levels of government to provide reliable communications for the entire emergency response community within Guam. The committee is comprised of two co-chairs, an Executive Director, and representatives from eleven agencies. The committee is co-chaired by the government of Guam's Chief Information Officer (CIO) and Homeland Security Advisor (HSA). The Interoperable Communications Coordinator (ICC), also known as the Statewide Interoperable Coordinator, serves as the Executive Director. Lastly, members of the committee include:

Bureau of Information Technology  
Guam Homeland Security/Office of Civil Defense  
Guam Police Department  
Guam Fire Department  
Department of Customs & Quarantine  
Guam Memorial Hospital Authority  
Port Authority of Guam  
Guam International Airport Authority  
Guam Department of Education  
Guam Department of Public Works  
Guam Department of Public Health and Social Services

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

The Interoperable Communications Working Group has the authority, under Executive Order 2012-12, to advise the Governor, Lieutenant Governor, Chief Information Officer, Homeland Security Advisor, and Interoperable Communications Coordinator on the planning of emergency communications systems – including wireless broadband. The Interoperable Communications Working Group will advise the committee's co-chairs and executive director in the development of strategies for education and outreach programs, Phase II data collection, and establish constant consultation and communication with FirstNet.

- 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 Interoperable Communication Working Group's responsibilities will expand to include broadband planning. It will utilize the Statewide Communications Interoperability Plan (SCIP) to help determine the state's priorities and strategic goals. The SCIP will be updated to reflect implementing a public safety broadband network. Prior to the release of the second half of the SLIGP funding, representatives within the Interoperable Communication Working Group will meet regularly to review final planning deliverables to ensure they match the state's objectives. The Interoperable Communication Working Group, comprised of public safety subject matter experts, will work to identify the broadband needs for the State. This group will identify critical functions of a broadband network to support public safety missions. Given that the contractor will draft the planning deliverables, it is incumbent upon the Interoperable Communication Working Group to ensure grant deliverables accurately reflect public safety broadband needs.

- 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?*

All agencies in the Interoperable Communication Working Group will be directed to attend a workshop facilitated by Office of Emergency Communication to update the SCIP. One of the main objectives of this facilitation will be the inclusion of broadband in the SCIP. It is the government's hope that this will foster a greater understanding of wireless broadband and LTE technology.

The CIO is also actively engaged with the National Association for State CIOs (NASCIO) and the National Governor's Association. These non-governmental organizations work in collaboration with FirstNet. Aside from this, the ICC participates in the National Council on Statewide Interoperability Coordinators (NCSWIC). The knowledge garnered from all of these networks will be disseminated to representatives in the Interoperable Communication Working Group.

- 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 government of Guam does not intend to dedicate financial resources from the SLIGP to the Interoperable Communication Working Group. Representatives will not be compensated for participating in the Interoperable Communications Working Group. The government of Guam

would like to use a portion of the SLIGP to fund a program coordinator to oversee the project, and hire a contractor to complete the planning and data collection. The program coordinator will directly report to the Interoperable Communications Working Group.

## 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?*

At this time, broadband is not included in Guam's SCIP. The SCIP emphasizes the need to update Guam's public safety communications system, specifically voice capabilities. However, U.S. Department of Homeland Security Office of Emergency Communications is sending representatives to Guam to assist Guam Homeland Security/Office of Civil Defense in updating the SCIP. The Office of Emergency Communications will facilitate a discussion amongst primary stakeholders on Guam on November 12 and 13, 2013. Incorporating broadband into the SCIP's strategic goals will be a discussion point in this forum. Upon conclusion of this, the SCIP will be updated to reflect the decisions made during this discussion.

*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.*

Guam is unique in that it has only one state level government. It has no local governments or tribal nations. Guam collaborates and coordinates with subject matter experts, both federal and local, when conducting planning activities.

*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.*

No, the State does not intend to use SLIGP funding to include public safety wireless broadband strategies and initiatives into the SCIP. This discussion will be funded and facilitated by the Department of Homeland Security, Office of Emergency Communications. Guam's Interoperable Communications Coordinator, also known as Guam's SWIC, will be updating the plan accordingly. It is anticipated that the SCIP will be updated by the end of 2013.

### 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?*

Guam's SWIC is the ICC. Moreover, the ICC is the Executive Director of the Interoperable Communication Working Group, which is equivalent to a Statewide Interoperability Governing Body. The ICC does work full time in the SWIC capacity and is detailed to Guam Homeland Security/Office of Civil Defense. The ICC is fundamental in developing the design, testing, development, construction, administration, and maintenance of the Guam public safety communications system. The ICC is also important in the development of strategies and securing funds for the system and regulations for system admission and use. The ICC will be essential in the SLIGP in the planning and development of a public safety broadband network. The ICC will also directly oversee the program coordinator dedicated to this project.

- 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?*

Under Executive Order 2012-12, the CIO is the Co-Chairmen of the Interoperable Communication Working Group. The CIO, in accordance with E.O. 2012-12, will help in providing a reliable communications system for the entire emergency response community of Guam.

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

The agencies involved with the SLIGP will include all members of the Interoperable Communication Working Group, which is a subset of the subscribers utilizing the existing land mobile radio system. The program coordinator will reach out to additional stakeholders to ensure their input is included in the planning, such as the Judiciary of Guam, the military, and federal agencies.

- 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.*

Guam would require a full-time Program Coordinator III to assist the SWIC in the planning of a public safety broadband network. Guam Homeland Security/Office of Civil Defense requests a total of \$153,000.00 to cover the \$51,000.00 annual salary and fringe benefits of the Program Coordinator III. The program coordinator will oversee grant management and assist the SWIC by serving as the liaison to the vendor and the Interoperable Communications Working Group. The coordinator will also provide administrative support, monitor grant monies and the budget, and coordinate and participate in education and outreach projects.

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

The government of Guam is working with private industry and secondary users to ensure that the communications infrastructure meets mission critical standards.

#### 4. Coordination with Local Government Jurisdictions

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

The Territory of Guam is governed by the government of Guam, a single state level multi-party government, under the leadership of Governor Eddie B. Calvo and Lieutenant Governor Ray S. Tenorio. The single state level government is responsible for all government duties and responsibilities on Guam. There are 19 villages, often referred to as municipalities, which are represented by elected village Mayors and, for some villages, Vice Mayors who serve on the Mayor's Council. Elected Mayors cooperate with any agency or department of the government of Guam in matters pertaining to his/her district and work jointly with government of Guam officials toward the attainment of peace, order, justice and the general economic and social welfare of the people. Mayors' budgets are appropriated by the government of Guam and any all of their projects and/or resources are through the government of Guam.

- 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.*

Guam will work closely with the Mayor's Council of Guam in the development of the SLIGP to ensure that all villages are accounted for. While Mayors are elected officials that represent their respective jurisdictions, Guam does not have local jurisdictions within it. The jurisdiction of the agencies within the Interoperable Communication Working Group is islandwide.

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

The existing public safety communication system is a state-wide project with all pertinent government agencies. Please see the network users listed in answer 10. The same method used to establish the existing land mobile radio system will be employed in the planning of the public safety broadband network.

- 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?*

There are no challenges when engaging local jurisdictions (i.e. villages/municipalities) because they are governed by state level government resources. All major subscribers on the emergency communications system, including the Mayor's Council, are represented in the Interoperable Communication Working Group.

## 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.*

This is not applicable to Guam. There are no intrastate regional committees.

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

This is not applicable to Guam. There are no intrastate regional committees.

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

Guam's remote location inhibits its ability to have regional coordination efforts. The closest governments to Guam are the Commonwealth of the Northern Marianas Islands, the Federated States of Micronesia, the Marshall Islands, and the Republic of Palau. The distance separating these governments over open ocean makes wireless connections difficult. Moreover, the latter

three governments are independent countries. Guam's understanding is that the public safety broadband network is a domestic initiative.

- 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.*

Guam has not collaborated or coordinated in the development and preparation of this application with any other State. This question is not applicable to Guam.

## 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>*

Guam does not have tribal nations. Section 6 is not applicable to Guam's application.

- 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.*

Section 6 is not applicable to Guam's application.

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

Section 6 is not applicable to Guam's application.

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

Section 6 is not applicable to Guam's application.

- 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?*

Section 6 is not applicable to Guam's application.

## 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.*

According to 2010 census data from the United States Census Bureau, 94.1% of the population live in non-rural (urban) areas. The U.S. Census Bureau delineated non-rural areas as urbanized areas and urban clusters based on residential population density measured at the census tract and census block levels of geography and also based on criteria that accounts for patterns of non-residential development as outlined in the urban area criteria. There are two major urban clusters on Guam -- Agat and Dededo. The U.S. Census Bureau defines an urban cluster as an area of densely settled territory that contains at least 2,500 people but fewer than 50,000 people.

- 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.*

Broadband service is available to virtually everyone living in rural areas of Guam through commercial carriers. According to studies conducted by One Economy Corporation for the National Broadband Map, 99% of households on Guam have access to broadband services. All community anchor institutions, e.g., schools, public safety, government offices, hospitals in rural areas have access to a form of broadband services. Of the four private wireless carriers on Guam, only two provide LTE services -- a third expects LTE services to be available around June 2013. LTE is a relatively new technology to Guam and does not have widespread coverage at this time. Many of the urban areas are also left without LTE capabilities. However, Docomo Pacific Guam provides LTE coverage to portions of Santa Rita -- a village that is primarily classified as a rural area. Although LTE coverage is not widespread, 3G, HSPA, HSPA+, and 4G cover majority of the island.

- 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 Mayors Council of Guam is currently a subscriber to the government of Guam land mobile radio communications system. In order to meet the public safety needs of all areas of Guam, it is imperative that village mayors participate in the planning of a public safety broadband network. They are currently subscribers to the land mobile radio system. Many of these rural areas are home to popular remote hiking destinations where individuals often get lost and/or injured. It is important to strengthen communications in rural areas to ensure the safety of persons.

The government of Guam has been actively examining and assessing broadband coverage in rural areas. The Bureau of Statistics and Plans, a government of Guam agency, has worked with a vendor and the National Telecommunications and Information Administration to compile broadband information for the National Broadband Map – including rural coverage. Much of the research on rural broadband coverage has been completed through this project. To avoid redundancies, the Bureau of Statistics and Plans will work closely with the Interoperable Communications Working Group to provide broadband mapping information that has already been done, and assist the working group in assessing rural broadband needs for prioritization. The Governor of Guam will place the responsibility of drafting specific plans, milestones, and metrics to the Program Coordinator that will be hired and the Interoperable Communications Working Group. The Program Coordinator and the Interoperable Communications Working Group will, on behalf of the government of Guam, specify the prioritization of rural coverage in the requirements for contracted services. The government will rely upon the subject matter expertise within the group to identify the needs of the island and include ensure all stakeholders are in congruence.

## 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?*

At this time, the government of Guam owns a Motorola Site Lens network manager that collects usage data of the Automatic Multiple Site Selection/SmartNet land mobile radio system. The network manager stores everyday usage data from roughly 3,000 subscribers for approximately one year.

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

The Site Lens network manager was installed over 20 years ago. Like the government of Guam land mobile radio system, the Site Lens manager is severely outdated and has not been updated since it was first installed.

## 9. Existing Government-Owned Networks

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

The only existing government network is called the Government of Guam Wide Area Network (GGWAN), which is leased fiber from a local service provider. Each public safety agency's information is transferred through the GGWAN into a server hosted within the Guam Department of Administration. The Bureau of Information Technology is responsible for maintaining and securing this intranet with a firewall.

As a part of the contingency of operations plan, the Government of Guam has programmed two servers in secure locations to serve as a fail-safe. The Department of Administration is located in a flood zone, underscoring the importance of a disaster recovery plan.

In addition to the GGWAN, the Judiciary of Guam maintains a vital link for the entire law enforcement community of the island of Guam. This network, the Omnixx Enterprise, is comprised of the Automated Fingerprint Information System, National Crime Information Center, and Virtualized Computerized Criminal History. All law enforcement agencies that connect to the Omnixx Enterprise via the GGWAN must be compliant with Federal Bureau of Investigation (FBI) and Criminal Justice Information System security policies. All stakeholders that have terminals into the system are secured and encrypted using Federal Information Processing Standards 140-2 and with advanced authentication for those connecting via the public networks. The FBI audits the Omnixx Enterprise's security measures every three years to ensure the network is compliant. The Omnixx Enterprise was built with mobile accessibility in mind. The Judiciary procured that option in the event that the Government of Guam would eventually procure wireless broadband services. In addition, the Judiciary of Guam also houses the Automated Fingerprint System maintaining all criminal arrest offenses on Guam.

As for disaster recovery, the Omnixx Enterprise was not designed with redundant systems. Being that the Judiciary is also in a flood zone, having an alternate site for disaster recovery would be a major enhancement to ensure operational continuity is sustained.

- 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.*

Contractual requirements will reflect the information assurance specifications articulated by the Federal and local policies. The government of Guam will look to agencies such as the Federal Communications Commission, Department of Homeland Security, National Security Agency, and Federal Bureau of Investigation. The Program Coordinator will be expected to work with local committees that reflect this kind of subject matter expertise, such as the Interoperable Communications Working Group and Criminal Justice Automation Committee.

## 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.*

There are over 3000 subscribers on the government of Guam's land mobile radio system. These users will be evaluated to see if they should be included in the public safety broadband network. At this time the land mobile radio system supports resources from the following agencies:

Guam Police Department  
Guam Fire Department  
Port Authority of Guam  
Guam International Airport Authority  
Guam Memorial Hospital  
Guam Department of Education  
Guam Department of Agriculture  
Guam Mental Health and Substance Abuse  
Guam Public Health and Social Services  
Judiciary Court of Guam  
Guam Power Authority  
Guam Waterworks Authority  
Guam Homeland Security/ Office of Civil Defense  
Guam Department of Youth Affairs  
Guam Department of Corrections  
Guam National Guard  
Mayors' Council of Guam  
Guam Hotel and Restaurant Association  
Guam Department of Parks and Recreation  
Guam Revenue and Taxation  
Joint Region Marianas  
U.S. Coast Guard  
U.S. Marshals  
Federal Bureau of Investigation  
Department of Defense Education Activity  
U.S. Homeland Security

Guam does not impose a user fee on the aforementioned agencies. Guam's General Fund supports the maintenance and upgrades of this system. If it is feasible and upholds fair competition requirements, the government will consider leasing public safety broadband assets

to secondary users such as private medical transportation services. The government of Guam will wait for guidance from FirstNet to determine if this will be permissible.

## 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.*

Decision makers are currently utilizing materials within the Department of Homeland Security's Public Safety Broadband Network Outreach Took Kit to learn about the initiative. The Office of Emergency Communications is slated to arrive on Guam in August 2013 to discuss the importance of an interoperable public safety network with local resources. Guam's Chief Information Officer is also collaborating with FirstNet ensure that the Interoperable Communications Working Group is provided accurate requirements and standards.

Guam would like to use a portion of the SLIGP to hire a program coordinator to help manage this grant. In addition to program management, the program coordinator's responsibilities will include education and outreach. The program coordinator will be required to engage all subscribers to the network, including but not limited to government agencies, private entities, as well as military and federal counterparts. With an aging labor force, it is imperative that the program coordinator familiarize public safety resources how the network can make their job more efficient. Public safety agencies have stressed that recurrent training will need to be conducted once the public safety broadband network is constructed. Ease of use, speed, and access to the network will determine how frequently public safety resources utilize the network. Guam Homeland Security has space available within its facility to host training sessions for these resources.

## 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.*

When possible, the government's intention is to utilize existing repeater sites for the land mobile radio system to help support infrastructure needs of the public safety broadband network. These repeater sites are owned by the Guam Telephone Authority, which was a former government of Guam agency that has been privatized. The government will need to establish a Memorandum of Agreement regarding additional or upgraded technology placed onto this infrastructure.

To ensure full broadband coverage, the government of Guam will not only have to use the existing repeater sites, but will also need to erect additional towers. The government of Guam will need to identify necessary tower locations and then work to construct towers on these sites.

Moreover, the government of Guam is finalizing a Memorandum of Understanding with Joint Region Marianas regarding the upgrade of Guam's land mobile radio system. The government of Guam will likely reach out to Joint Region Marianas when developing the public safety broadband network to ensure that military resources are capable of communicating with local resources during an emergency as well. A new Memorandum of Understanding will need to be established to support this interaction.

Government of Guam agencies will also need to expand upon an interagency agreement with counterparts in the judicial branch. Information that will be inputted through the public safety broadband network will feed into the Government of Guam's Wide Area Network to access criminal history data through the Virtual Computerized Criminal History through the Omnixx Enterprise switch.

Lastly if the government of Guam were to include internet capabilities with the public safety broadband system, it is important to note that all commercial telecommunications carriers on Guam are foreign owned. There is no US-owned carrier on Guam, which may become a national security issue.

### 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 government of Guam utilizes Geographic Information System (GIS) software that applies to the planning and data collection activities of this program. The government of Guam Bureau of Statistics and Plans (BSP), Department of Land Management, DRT, GPA, GWA, and DPW use GIS to record and analyze geographical data. While conducting the broadband mapping project of Guam, One Economy Corporation used GIS, IBM SPSS Statistics and Adobe InDesign to collect data and present reports.

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

### 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 government of Guam intends to hire a contractor to assist the Program Coordinator in collecting data. It is the government's understanding that FirstNet has not yet completed the guidelines for phase two funding use.

15. Other

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

The government of Guam worked with government agencies to collect the information presented in its SLIGP application. Those agencies include the Office of the Lieutenant Governor, Guam Homeland Security/Office of Civil Defense, Bureau of Information Technology, Bureau of Statistics and Plans, Guam Police Department, and Marshals from the Judiciary of Guam.

## **State and Local Implementation Grant Program (SLIGP) Project Feasibility Narrative**

Guam Homeland Security/Office of Civil Defense (GHS/OCD) is a federally funded agency that has been designated as the State Administrative Agency of the State and Local Implementation Grant Program (SLIGP). The Interoperable Communications Coordinator, Mr. Bradley Hokanson, will assist GHS/OCD to ensure that this grant is administered properly. Mr. Hokanson has been detailed to GHS/OCD from the Guam Police Department because of his extensive experience in planning and overseeing federal grants and government telecommunications services projects. For the past eight years, Mr. Hokanson has managed government of Guam public safety communications upgrades, Public Safety Interoperable Communications grant programs, as well as taken on the role of instructor for Type III Communications training courses. Having had the experience as a grants manager for two public safety telecommunications programs, Mr. Hokanson is equipped with valuable expertise on how to effectively administer telecommunications projects.

Knowledge in operating telecommunications programs is vital in the implementation and design of the public safety broadband network. Mr. Hokanson has attended the following training courses:

- DHS/OEC Technician Training (COMT)
- National Wildfire Coordinating Group Incident Communications Technician
- Guam Army National Guard Joint Incident Site Communications
- Type III Communication Unit Leader (COML)
- USCG Communications Unit Leader (COML)
- FEMA National Radio System (FNARS) Operator
- FCC Emergency Response Interoperability Center Technical Advisory Committee (TAC).

By attending these courses on telecommunications and operations, Mr. Hokanson has been endowed with the knowledge vital for planning and installing the public broadband safety network.

Mr. John Bamba, from the GHS/OCD, will also be working on the public safety broadband network with Mr. Hokanson. Mr. Bamba has supervised telecommunication networks for government agencies and private networks alike. Mr. Bamba's management ability derives from overseeing the Guam Police Department, GHS/OCD, and Nissan Guam's IT networks. Additionally, Mr. Bamba has directed GHS/OCD's Voice Over Internet Protocol telephone system. Mr. Bamba has attended the COML training as well as the Communication Technician training course. Combining Mr. Bamba's exposure to communications management and training will be fundamental to the strategic planning and oversight of Guam's public safety broadband network.

To ensure efficient management of the SLIGP, the GHS/OCD intends to use part of the funds awarded to Guam to hire one (1) Program Coordinator III to accommodate the anticipated workload generated by the public safety broadband network. This Program Coordinator III will work alongside one (1) Planning Program Staff Assistant, one (1) Program Coordinator I, one (1) Program Coordinator III, one (1) Grants Manager, and one (1) Special Projects Coordinator who are all currently employed at GHS/OCD.

BUDGET INFORMATION - Non-Construction Programs

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

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. State and Local Implementation Grant Program	11.549	\$ 0.00	\$ 0.00	\$ 529,300.00	\$ 0.00	\$ 529,300.00
2.		0.00	0.00	0.00	0.00	0.00
3.		0.00	0.00	0.00	0.00	0.00
4.		0.00	0.00	0.00	0.00	0.00
5. Totals		\$	\$	\$ 529,300.00	\$	\$ 529,300.00

**SECTION B - BUDGET CATEGORIES**

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
	State and Local Implementation Grant Program				
<b>a. Personnel</b>	\$ 108,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 108,000.00
<b>b. Fringe Benefits</b>	56,682.00	0.00	0.00	0.00	56,682.00
<b>c. Travel</b>	34,020.00	0.00	0.00	0.00	34,020.00
<b>d. Equipment</b>	0.00	0.00	0.00	0.00	
<b>e. Supplies</b>	13,106.00	0.00	0.00	0.00	13,106.00
<b>f. Contractual</b>	311,307.00	0.00	0.00	0.00	311,307.00
<b>g. Construction</b>	0.00	0.00	0.00	0.00	
<b>h. Other</b>		0.00	0.00	0.00	
<b>i. Total Direct Charges (sum of 6a-6h)</b>	523,115.00	0.00	0.00	0.00	\$ 523,115.00
<b>j. Indirect Charges</b>	6,185.00	0.00	0.00	0.00	\$ 6,185.00
<b>k. TOTALS (sum of 6i and 6j)</b>	\$ 529,300.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 529,300.00
<b>7. Program Income</b>	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$

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SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS	
8. <input style="width: 100%;" type="text"/>	\$ <input style="width: 80%;" type="text" value="0.00"/>	\$ <input style="width: 80%;" type="text" value="0.00"/>	\$ <input style="width: 80%;" type="text" value="0.00"/>	\$ <input style="width: 80%;" type="text" value="0.00"/>	
9. <input style="width: 100%;" type="text"/>	<input style="width: 80%;" type="text" value="0.00"/>	<input style="width: 80%;" type="text" value="0.00"/>	<input style="width: 80%;" type="text" value="0.00"/>	<input style="width: 80%;" type="text" value="0.00"/>	
10. <input style="width: 100%;" type="text"/>	<input style="width: 80%;" type="text" value="0.00"/>	<input style="width: 80%;" type="text" value="0.00"/>	<input style="width: 80%;" type="text" value="0.00"/>	<input style="width: 80%;" type="text" value="0.00"/>	
11. <input style="width: 100%;" type="text"/>	<input style="width: 80%;" type="text" value="0.00"/>	<input style="width: 80%;" type="text" value="0.00"/>	<input style="width: 80%;" type="text" value="0.00"/>	<input style="width: 80%;" type="text" value="0.00"/>	
<b>12. TOTAL (sum of lines 8-11)</b>	\$ <input style="width: 80%;" type="text"/>	\$ <input style="width: 80%;" type="text"/>	\$ <input style="width: 80%;" type="text"/>	\$ <input style="width: 80%;" type="text"/>	
SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ <input style="width: 80%;" type="text" value="529,300.00"/>	\$ <input style="width: 80%;" type="text" value="529,300.00"/>	\$ <input style="width: 80%;" type="text" value="0.00"/>	\$ <input style="width: 80%;" type="text" value="0.00"/>	\$ <input style="width: 80%;" type="text" value="0.00"/>
14. Non-Federal	\$ <input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text" value="0.00"/>	<input style="width: 80%;" type="text" value="0.00"/>	<input style="width: 80%;" type="text" value="0.00"/>	<input style="width: 80%;" type="text" value="0.00"/>
<b>15. TOTAL (sum of lines 13 and 14)</b>	\$ <input style="width: 80%;" type="text" value="529,300.00"/>	\$ <input style="width: 80%;" type="text" value="529,300.00"/>	\$ <input style="width: 80%;" type="text" value="0.00"/>	\$ <input style="width: 80%;" type="text" value="0.00"/>	\$ <input style="width: 80%;" type="text" value="0.00"/>
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. State and Local Implementation Program	\$ <input style="width: 80%;" type="text" value="529,300.00"/>	\$ <input style="width: 80%;" type="text" value="0.00"/>	\$ <input style="width: 80%;" type="text" value="0.00"/>	\$ <input style="width: 80%;" type="text" value="0.00"/>	
17. <input style="width: 100%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text" value="0.00"/>	<input style="width: 80%;" type="text" value="0.00"/>	<input style="width: 80%;" type="text" value="0.00"/>	
18. <input style="width: 100%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text" value="0.00"/>	<input style="width: 80%;" type="text" value="0.00"/>	
19. <input style="width: 100%;" type="text"/>	<input style="width: 80%;" type="text" value="0.00"/>	<input style="width: 80%;" type="text" value="0.00"/>	<input style="width: 80%;" type="text" value="0.00"/>	<input style="width: 80%;" type="text" value="0.00"/>	
<b>20. TOTAL (sum of lines 16 - 19)</b>	\$ <input style="width: 80%;" type="text" value="529,300.00"/>	\$ <input style="width: 80%;" type="text"/>	\$ <input style="width: 80%;" type="text"/>	\$ <input style="width: 80%;" type="text"/>	
SECTION F - OTHER BUDGET INFORMATION					
21. Direct Charges: <input style="width: 80%;" type="text" value="523,115"/>	22. Indirect Charges: <input style="width: 80%;" type="text" value="6,185"/>				
23. Remarks: <input style="width: 100%;" type="text"/>					

**State and Local Implementation Grant Program (SLIGP)  
Budget Justification**

I. Budget Justification

1. Administration

- a. Personnel: (Personnel will provide SLIGP support and services only.)

**Federal: \$108,000.00**

**Non-Federal: \$0.00**

**Total: \$108,000.00**

***Guam has a \$0.00 match requirement.***

Program Coordinator III      Salary:      \$36,000/year

The Program Coordinator III, who shall be fully dedicated (100%) to work on the State and Local Implementation Program, will assist the Statewide Interoperability Coordinator (SWIC) in all administrative functions and act as the liaison to the vendor. The Program Coordinator III will be responsible for monitoring and reviewing vendor deliverables and submitting Federal plans and reports in a timely manner. The Program Coordinator III will travel to conferences and trainings as needed and organize education and outreach conferences.

- b. Fringe Benefits: The fringe benefits are determined by the staffing patterns set by Guam Homeland Security/Office of Civil Defense. The contributions will be distributed as follows:

- i. The retirement rate is calculated by taking 30.09% of the gross salary of the Program Coordinator III. This will be \$10,832 per annum.
- ii. The Retirement Death and Disability Insurance (DDI) costs \$19.02 for each pay period within one year (26 weeks). This will be \$495 per annum.
- iii. Medicare is calculated by taking 1.45% of the gross salary of the Program Coordinator III. This will cost \$522 per annum.
- iv. Life insurance is a flat rate of \$153 per annum.
- v. Medical insurance is subject to change given the Program Coordinator's status, such as if he or she is single or will be claiming dependents. The budget was projected on current Medical Class 4 premiums to accommodate if the Program Coordinator III claiming dependents. This rate is \$6,517 per annum. Please note that medical insurance rates are subject to change upon selection of a new vendor.

vi. Dental insurance costs \$375 per annum. Please note that dental insurance rates are subject to change upon selection of a new vendor.

**Federal: \$56,682**

**Non-Federal: \$0.00**

**Total: \$56,682**

***Guam has a \$0.00 match requirement.***

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c. Travel: The Statewide Interoperability Coordinator (SWIC), assisting Program Coordinator III, Chief Information Officer, and Homeland Security Advisor will travel annually to attend conferences and trainings. Due to Guam's geographic location a large portion of the budget, \$11,340 per annum, will be reserved for travel expenses to and from conferences and trainings. The per diem rate, from United States General Services Administration, is also included to cover lodging, meals and incidentals, and rental car expenses per traveler. Airline tickets were calculated after examining average prices between Guam and Washington D.C.

**Federal: \$34,020**

**Non-Federal: \$0.00**

**Total: \$34,020**

***Guam has a \$0.00 match requirement.***

d. Supplies: In order to maintain operations and fund conferences and workshops throughout the duration of the grant, the Program Coordinator III will require access to supplies, such as paper, printer ink, binders, etc. The Coordinator will be allotted a lump sum of \$13,106 to purchase supplies needed to sustain operations. This lump sum will also cover expenses that may incur when hosting conferences and workshops. This includes money for the printing of pamphlets, spiral bindings, and handouts. Please note that Guam is a remote island. This entails that companies must increase the price of commodities in order to cover transportation and customs fees. Moreover, there is not a lot of competition on the island, naturally driving up the cost of goods. The price of goods within the mainland United States is not necessarily the same as in non-contiguous parts of the country. The government of Guam contacted the General Services Agency to identify the average cost affiliated with supplies.

i. \$3,406 will be dedicated to purchase office furniture that the Program Coordinator III may require. This includes, but is not limited to, an office desk, file cabinet, storage locker, and a chair.

- ii. \$2,900 will be dedicated to purchase computer equipment and software that the Program Coordinator III may require. This includes, but is not limited to a laptop, its warranty, and project management software.
- iii. \$3,000 will be dedicated to purchasing various meeting supplies that the Program Coordinator III may require throughout the three years.
- iv. \$3,800 will be dedicated to hosting conferences and workshops. This includes, but is not limited to, professional printing expenses for meeting handouts, and possible venue expenses.

**Federal: \$13,106**

**Non-Federal: \$0.00**

**Total: \$13,106**

***Guam has a \$0.00 match requirement.***

e. Indirect Charges: A total of \$6,185 will be reserved to cover 17.18% indirect charges over three years. This rate will be applied to the salary of the Program Coordinator III (\$36,000). This is \$2,062 per annum. This charge will cover the cost of an intergovernmental review and processing, including the cost of processing federal grant paperwork through the Department of Administration, General Services Agency, and the Bureau of Budget and Management Research.

The Governor of Guam's executive order 2012-01, titled *Relative to establishing guidelines in support of the fiscal stabilization, deficit reduction, cost-containment and for improved efficiency in government operations*, specifies: "Formal documentation and application for indirect cost reimbursement to respective federal funding entities shall be a standard requirement (annually) of federally funded program recipients." Guam Homeland Security/Office of Civil Defense is a federally funded program recipient.

The indirect cost rate is based on the Negotiated Indirect Cost Rate Agreement (NICRA) established between Guam and the Department of Interior because Guam, as a U.S. territory, falls under the purview of the Department of Interior Office of Insular Affairs and it is Guam's cognizant agency. The FY 2012-2013 NICRA with the United States Department of the Interior does not specify a rate for Guam Homeland Security/Office of Civil Defense. However, in effort to comply with executive order 2012-01, the government of Guam is utilizing the last known rate that was applied to all programs as specified in the FY2009-FY2010 NICRA with the United States Department of the Interior, which is 17.18%. Copies of the FY2012-FY2013 and FY2009-FY2010 NICRA are being submitted for your reference.

**Federal: \$6,185**

**Non-Federal: \$0.00**

**Total: \$6,185**

***Guam has a \$0.00 match requirement.***

2. Planning

f. Contractual: The contractor will be responsible for phase one developmental activities in preparation for consultations with FirstNet. All contractual service rates were calculated after receiving input from the government of Guam Bureau of Statistics and Plans (BSP) and Chief Information Officer on the NTIA's State Broadband Initiative.

Given the similarities between the objectives of the State Broadband Initiative and the public safety broadband network, the government of Guam used the State Broadband Data and Development Program as a benchmark for its proposed budget. To complete this project's objectives, the Federal and non-Federal match was roughly \$1.14 million for five years of work, totaling about \$227,000 per year. Like the public safety broadband network, the State Broadband Data and Development Program included planning, education and data collection activities as well as costs associated with conducting business many miles and time zones away from the US mainland (eg. Business travel, per diem and other related expenses)

The total amount allocated for contractual services including planning, education, and data collection activities being proposed for the public safety broadband network is \$311,307 dispersed over three years. While there has been analysis of broadband coverage on the island, there has been limited preparation specifically for a public safety broadband network.

- i. Planning activities will be allocated \$90,000 that will be disbursed during year one. The government of Guam believes it is important to allocate substantial funding to ensure planning is done properly. First responders and law enforcement will need to have the plans include privacy safeguards (i.e. patient information, detainee information). This assessment will need to include a comprehensive plan of mandates governing each agency. Activities will include, but are not limited to:
  - a. identifying federal and local requirements
  - b. drafting a project plan (i.e. timeline, milestones, reporting requirements) to implement a public safety broadband network
  - c. reviewing existing capabilities and how the public safety broadband can coincide with them
  - d. local telecom providers assessment and inventory
  - e. identifying future needs

- f. identifying and developing first responder needs assessment for applications to operate on the PSBN
- g. identifying and educating potential users of the PSBN

ii. Education and outreach will be \$21,307 that will be disbursed during year one. This amount was allocated after input provided by Guam Homeland Security/Office of Civil Defense, which regularly holds education and outreach programs. Any supplies that may be required will be funded through the “supply” budget section. The Program Coordinator III will have direct access to the key stakeholders and decision makers that will utilize the public safety broadband network through the Interoperable Communications Working Group. These stakeholders will be regularly kept aware of progress and the Guam Homeland Security/Office of Civil Defense facility can be used for educational purposes. Activities will include, but are not limited to:

- a. creating a training plan and any affiliated materials that are needed in coordination with public safety users and other stakeholders about the nationwide public safety broadband network
- b. supporting general training sessions or conferences and complete “train the trainer” sessions
- c. funding of travel expenses for trainers or consultants who may travel to Guam to conduct training sessions.

**Federal: \$111,307**

**Non-Federal: \$0.00**

**Total: \$111,307**

***Guam has a \$0.00 match requirement.***

### 3. Data Collection

f. Contractual: The contractor will be responsible for phase two, which is data collection. The contractor will address Guam’s needs in preparation for further consultation with FirstNet and data collection activities. This amount was calculated upon reference to the State Broadband Initiative as discussed previously in 2(f) in this Budget Narrative. Given the role of the Program Coordinator III to assist with grant management and reporting to the Interoperable Working Group Committee, the government of Guam dedicated a larger portion of contractual services to data collection.

1. Data collection will be allocated \$200,000 that will be disbursed during year two and/or upon approval of the FirstNet Committee. Activities will include, but are not limited to:

- a. obtaining and analyzing information identified by FirstNet
- b. analysis and assessment of capacity of local telecom providers
- c. surveying land and existing infrastructure
- d. draft a report summarizing analysis, methodology, findings, and recommendation

**Federal: \$200,000**

**Non-Federal: \$0.00**

**Total: \$200,000**

***Guam has a \$0.00 match requirement.***

OBJECT CLASS CATEGORY	ADMINISTRATION	PLANNING	DATA COLLECTION	TOTAL
<b>a. Personnel</b>	<b>\$108,000</b>			<b>\$108,000</b>
Program Coordinator III (M Step 5) Year 1	\$36,000			
Program Coordinator III (M Step 5) Year 2	\$36,000			
Program Coordinator III (M Step 5) Year 3	\$36,000			
<b>b. Fringe Benefits</b>	<b>\$56,682</b>			<b>\$56,682</b>
Retirement Per Year (Salary*30.09%)	\$10,832			
Death and Disability Insurance (\$19.02 per pay period)	\$495			
Medicare Per Year (Salary*1.45%)	\$522			
Life Per Year (flat rate)	\$153			
Medical Premium Per Year (flat rate)	\$6,517			
Dental Premium Per Year (flat rate)	\$375			
Total Fringe Benefits Per Year	\$18,894			
Total Fringe Benefits for Three Years	\$56,682			
<b>c. Travel</b>	<b>\$34,020</b>			<b>\$34,020</b>
Ticket	\$2,000			
Lodging (5 days, \$250)	\$1,250			
Meals and Incidentals (5 days, \$46)	\$230			
Rental Car (5 days)	\$300			
Total Per Traveler	\$3,780			
Number of Travelers	3			
Total Travel Per Year	\$11,340			
Total Travel for Three Years	\$34,020			
<b>d. Equipment</b>	<b>\$0</b>			<b>\$0</b>
<b>e. Supplies</b>	<b>\$13,106</b>			<b>\$13,106</b>
Office Furniture (1 desk, 1 file cabinet, 1 chair, 1 storage locker)	\$3,406			
1 Laptop & 3 Year Warranty	\$2,100			
Project Management Software	\$800			
Office Supplies (file folders, paper, ink, printer toner, CD ROMs )	\$3,000			
Conference Preparation (professional printing and binding of educational pamphelts)	\$3,800			
<b>f. Contractual</b>		<b>\$111,307</b>	<b>\$200,000</b>	<b>\$311,307</b>
<i>Planning: identify federal and local requirements, draft a project plan (i.e. timeline, milestones, reporting requirements) survey land and infrastructure, review existing capabilities, identify future needs, draft a report, comply with grant requirements, local telecom providers assessment and inventory, identifying and devopling first responder needs assessment for applications to operate on the PSBN, identifying users of the PSBN</i>		\$90,000		
<i>Education and Outreach : create training plan and affiliated materials, support training sessions or conferences, "train the trainer"</i>		\$21,307		
<i>Data Collection: obtain information, analyze it, draft a report summarizing analysis, methodology, findings, recommendations, and analysis and assessment of capacity of local telecom providers</i>			\$200,000	
<b>g. Construction</b>				<b>\$0</b>
<b>h. Other</b>				<b>\$0</b>
<b>i. Total Direct Charges (This is the sum 6a through 6h.)</b>	<b>\$211,808</b>	<b>\$111,307</b>	<b>\$200,000</b>	<b>\$523,115</b>
<b>g. Indirect Charges</b>	<b>\$6,185</b>			<b>\$6,185</b>
Mandated IDC by GovGuam Executive Order 2012-01 (17.18% of Personnel Salary)	\$2,062			
Total Indirect Charges for Three Years	\$6,185			
<b>k. TOTALS (This is the sum of 6i and 6j.)</b>	<b>\$217,993</b>	<b>\$111,307</b>	<b>\$200,000</b>	<b>\$529,300</b>

## 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>Roe-Ann Jean Cruz</p>	<p>* TITLE</p> <p>Homeland Security Advisor</p>
<p>* APPLICANT ORGANIZATION</p> <p>Guam Homeland Security / Office of Civil Defense</p>	<p>* DATE SUBMITTED</p> <p>03/18/2013</p>

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

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

**LOBBYING**

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

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

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

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

**\* NAME OF APPLICANT**

Guam Homeland Security / Office of Civil Defense

**\* AWARD NUMBER**

**\* PROJECT NAME**

Guam State and Local Implementation Grant Program

<b>Prefix:</b>	<b>* First Name:</b>	<b>Middle Name:</b>
Mr.	Pedro	A.

<b>* Last Name:</b>	<b>Suffix:</b>
Leon Guerrero	Jr.

**\* Title:** Homeland Security Advisor

**\* SIGNATURE:**

Roe-Ann Jean Cruz

**\* DATE:**

03/18/2013

EDDIE BAZA CALVO  
Governor



RAY TENORIO  
Lieutenant Governor

MAR 08 2013

*Office of the Governor of Guam*

Michael E. Dame  
Program Director  
U.S. Department of Commerce  
National Telecommunications and Information Administration  
Office of Public Safety Communications  
1401 Constitution Avenue, NW, Room 7324  
Washington, DC 20230

*Hafa Adai* Mr. Dame:

As outlined in section 6302 in the Middle Class Tax Relief and Job Creation Act of 2012, the purpose of the State and Local Implementation Grant Program (SLIGP), funding opportunity number 2013-NTIA-SLIGP-01, is to plan for the national public safety broadband network. In an effort to fulfill this mandate, I hereby designate Guam Homeland Security/Office of Civil Defense (GHS/OCD) as the State Administrative Agency for the Government of Guam.

In light of the economic challenges our government faces, we must continuously find funds to improve Guam's emergency communications. Planning a public safety broadband network would contribute to a dependable and interdisciplinary emergency response team that Guam's citizens deserve. A public safety broadband network would enable peace officers and first responders to have mobile field reporting and improve their ability to communicate during emergencies.

GHS/OCD will be responsible for applying to and administering SLIGP from the U.S. Department of Commerce Office of National Telecommunications and Information Administration. The Interoperable Communications Coordinator will assist GHS/OCD to ensure that this grant is administered properly. The Interoperable Communications Coordinator, Mr. Brad Hokinson, will be the primary point of contact for SLIGP. For further clarification, please feel free to contact him at (671) 475-9600 or [bradley.hokanson@ghs.guam.gov](mailto:bradley.hokanson@ghs.guam.gov). Thank you in advance for undertaking this effort and I sincerely hope for a favorable response.

*Senseramente,*

  
**EDDIE BAZA CALVO**  
*I Maga'lahaen Guahan*  
Governor of Guam