OMB Number: 4040-0004
Expiration Date: 03/31/2012

Application for Federal Assistance SF-424

* 1. Type of Submission:	* 2. Type of Application:	* If Revision, select appropriate letter(s):
☐ Preapplication	☒ New	
☒ Application	☐ Continuation	* Other (Specify)
☐ Changed/Corrected Application	☐ Revision	

* 3. Date Received:	4. Applicant Identifier:
07/15/2013	

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

State Use Only:

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

8. APPLICANT INFORMATION:

* a. Legal Name:	State of Maine - Maine Emergency Management Agency

* b. Employer/Taxpayer Identification Number (EIN/TIN):	* c. Organizational DUNS:
01 6000001	13720205200

d. Address:

* Street1:	72 State House Station
Street2:	
* City:	Augusta
County:	
* State:	ME
Province:	
* Country:	USA
* Zip / Postal Code:	04333-0072

e. Organizational Unit:

Department Name:	Division Name:

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

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

Title:	Deputy Director
Organizational Affiliation:	Maine Emergency Management Agency

* Telephone Number:	(207) 624-4471	Fax Number:	(207) 287-3180
* Email:	bruce.fitzgerald@maine.gov		

Application for Federal Assistance SF-424

9. Type of Applicant 1: Select Applicant Type:

A. State

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 Administration (NTIA), US Department of Commerce

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:

Title:

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

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

State of Maine SLIGP Application

Attach supporting documents as specified in agency instructions.

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: ME-ALL
* b. Program/Project: ME-ALL

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

17. Proposed Project:

* a. Start Date: 07/01/2013
* b. End Date: 06/30/2016

18. Estimated Funding ($):

* a. Federal	1,045,904.00
* b. Applicant	262,363.00
* c. State	
* d. Local	
* e. Other	
* f. Program Income	
* g. TOTAL	1,308,267.00

*** 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 in attachment.)**

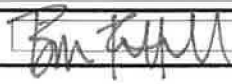
☐ Yes ☒ No If "Yes", provide explanation and attach.

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:	Robert
Middle Name:	
* Last Name:	McAleer
Suffix:	
* Title:	Director - Maine Emergency Management Agency
* Telephone Number:	(207) 624-4401
Fax Number:	(207) 287-3180
* Email:	robert.mcaleer@maine.gov
* Signature of Authorized Representative:	
* Date Signed:	07/17/2013

Bruce Fitzgerald, Deputy Director
(on behalf of R. McAleer)

OMB Approval No. 4040-0006
Expiration Date 07/30/2010

BUDGET INFORMATION - Non-Construction Programs

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 (Maine)	11.549	$	$	$ 1,045,904	$ 262,363.00	$ 1,308,267.00
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		$ 0.00	$ 0.00	$ 1,045,904.00	$ 262,363.00	$ 1,308,267.00

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1) State and Local Implementation Grant Program (Maine) (federal funds)	(2) State and Local Implementation Grant Program (Maine) (non-Federal funds)	(3)	(4)	
a. Personnel	$ 116,850.00	$ 31,290.00	$ 0.00	$ 0.00	$ 148,140.00
b. Fringe Benefits	65,894.00	13,455.00	0.00	0.00	79,349.00
c. Travel	57,800.00	31,680.00	0.00	0.00	89,480.00
d. Equipment	0.00	0.00	0.00	0.00	0.00
e. Supplies	7,800.00	0.00	0.00	0.00	7,800.00
f. Contractual	775,075.00	0.00	0.00	0.00	775,075.00
g. Construction	0.00	0.00	0.00	0.00	0.00
h. Other	2,337.00	185,938.00	0.00	0.00	188,275.00
i. Total Direct Charges (sum of 6a-6h)	1,025,756	262,363.00	0.00	0.00	$ 1,288,119.00
j. Indirect Charges	20,148.00	0.00			$ 20,148.00
k. TOTALS (sum of 6i and 6j)	$ 1,045,904	$ 262,363.00	$ 0.00	$ 0.00	$ 1,308,267.00
7. Program Income	$ 1,045,904	$ 262,363.00	$ 0.00	$ 0.00	$ 1,308,267.00

SECTION C - NON-FEDERAL RESOURCES

	(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS
8.	State and Local Implementation Grant Program (Maine)	$ 48,206.00	$	$ 214,157.00	$ 262,363.00
9.		0.00	0.00	0.00	0.00
10.		0.00	0.00	0.00	0.00
11.		0.00	0.00	0.00	0.00
12.	TOTAL (sum of lines 8-11)	$ 48,206.00	$ 0.00	$ 214,157.00	$ 262,363.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$	$	$	$	$
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$	$	$	$	$

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.		$	$	$	$ 0.00
17.		0.00	0.00	0.00	0.00
18.		0.00	0.00	0.00	0.00
19.		0.00	0.00	0.00	0.00
20.	TOTAL (sum of lines 16 - 19)	$ 0.00	$ 0.00	$ 0.00	$ 0.00

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: $1,288,119

22. Indirect Charges: $20,148

23. Remarks: SF-424A revised by State of Maine/Maine Emergency Management Agency (B. Fitzgerald) on 09/04/2013

OMB CONTROL NO. 0660-0038
FUNDING OPPORTUNITY NUMBER: 2013-NTIA-SLIGP-01

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

STATE OF MAINE
Maine Emergency Management Agency
Maine Office of Information Technology

REVISED: July 10, 2013

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 State of Maine organized the Maine Interoperable Communications Committee (MICC) in 2007 by Governor's Executive Order 03-FY08/09. The purpose of the MICC was to develop a plan for statewide voice and data communications interoperability to help ensure the safety of all citizens in day-to-day operations, natural disasters, emergency response scenarios, and terrorist incidents.

The MICC is comprised of every State agency involved in emergency response, representatives of the Maine Fire Chiefs Association, Chiefs of Police Association, Sheriff's Association, Maine Municipal Association, County Commissioner's Association, and the Maine Hospital Association. The Committee also has the authority to call other representatives as it deems necessary on an ad-hoc basis.

The duties of the MICC include: to review, evaluate and make recommendations relating to interoperable public safety communications of government at all levels in the state; to facilitate coordination among the various agencies of state government relating to interoperable communications; and to develop a plan that shall include, but not be limited to, a strategy for the design, construction and deployment of an interoperable communications system for the entire State of Maine.

The third charge above relates to the development of the Statewide Interoperable Communications Plan (SCIP). The SCIP was first authorized on November 30, 2007 and has been subsequently updated in 2008 and 2010. The MICC now oversees the maintenance and updates to the SCIP plan on an ongoing basis.

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

The mission statement for the MICC in its charter is: to coordinate a thoughtful, comprehensive statewide approach based on the skills of the group to implement and revise the SCIP to ensure the safety of the citizens of Maine.

The MICC charter directs the Committee to work closely with the Maine Emergency Management Agency (MEMA) and the Statewide Interoperability Coordinator (SWIC) by providing input for statewide communications planning activities and reviewing the information necessary to prioritize key initiatives.

As such, the MICC ensures that all statewide planning and coordination is aligned with SCIP objectives, evaluates effectiveness of Tactical Interoperable Communications Plans (TICPs), establishes sub-level working groups as necessary, identifies evolving needs and new public safety communications gaps, maintains awareness of new and innovative approaches, and coordinates with Canadian partners to improve cross-border communications between Maine and neighboring New England states, as well as the Provinces of New Brunswick and Quebec

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 MICC includes representation of all State agencies involved in public safety and emergency response, as well as representatives from the County and Local levels with similar responsibilities. Therefore the MICC is the appropriate governing body to take on the responsibilities of planning for, implementing, and managing the Public Safety Broadband Network (PSBN) in Maine.

MICC membership may be expanded as planning and requirements for the PSBN become more refined. For example, it is clear that the MICC needs a Tribal representative formally named to the Committee.

With this breadth and depth of representation, Maine believes the MICC will be able to reach out to all first responder disciplines at all levels of government to coordinate the implementation of the PSBN.

While the MICC includes representation from Police, Fire, Sheriffs, County and Municipal associations, the actual outreach activities will be conducted with the membership jurisdictions that make up these groups. Stakeholders will be engaged for their feedback on direction and strategy developed by the MICC, to determine the "ground truth" needs of first responders in the field, and to validate the data collected throughout this process.

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?

The current MICC membership is most experienced with traditional VHF land-mobile radio communications networks. Additional membership with subject matter expertise on wireless broadband networks and LTE will most likely be considered by the group.

Throughout the announcement and early stages of the FirstNet and PSBN process, MEMA and the Maine Office of Information Technology (OIT) have been meeting

with vendors and industry consultants who are knowledgeable about FirstNet and the PSBN. It is conceivable that the MICC, using its authority to call ad-hoc subject matter experts to advise the board, could request advice or assistance from one or more of these types of professionals.

Finally, MEMA houses the Statewide Interoperability Coordinator (SWIC) for Maine, who will be deeply involved in the planning and outreach activities of SLIGP. Through its membership on the Office of Emergency Communications (OEC) Regional Emergency Communications Coordination Working Group (RECCWG), the SWIC may also reach out to subject matter experts on LTE and wireless broadband technologies in neighboring New England states. The State will also take advantage of any Technical Assistance trainings or workshops offered by federal partners such as OEC and NTIA.

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. ‘

No. The State currently does not dedicate any direct funding to the MICC. The activities of the SWIC and any meeting expenses for the MICC are paid through federal grants which expire in the spring of 2013. State funding has not been available to date, and with the current State budget climate it is unlikely that non-federal funding will be available for the foreseeable future.

MEMA and Maine OIT, as the primary coordinators of the SLIGP and day-to-day support for the MICC, will be responsible for developing educational materials, communicating via mail and email, and establishing outreach meetings and briefings with the first responder community. In past planning efforts such as the conversion to narrowband communications standards, MEMA produced highly successful informational DVDs which were well received by the first responder community across the state. Maine may elect to produce a similar effort for the new PSBN using SLIGP funding.

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?

The SCIP does not go into great detail with regard to public safety wireless broadband. The current SCIP does not focus on wireless broadband; however there was discussion during the development of the original plan with regard to the use of Mobile Data Terminals (MDTs) in law enforcement, fire and EMS applications. Since the original SCIP development in 2007, Maine has seen increasing adoption of MDT solutions across the state. These operate on currently available commercial wireless carriers, primarily US Cellular, Verizon Wireless, AT&T and T-Mobile.

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

To our knowledge, there are no public safety broadband projects or networks in use in Maine today.

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.

Yes. SLIGP funding will be critical to enable the MICC and the SWIC to undertake a comprehensive planning process to incorporate public safety wireless broadband strategic goals and initiatives into the existing statewide interoperability plan.

A public education process and consultation with State, County, Local, Tribal, and regional (New England and Canada) partners will need to be conducted in order to develop a well-defined strategy for implementing public safety broadband in Maine. We estimate this can be done for under $250,000.

Planning activities will include MICC meetings, developing draft strategies and communicating these to first responders across Maine, and hosting regional outreach sessions (at least 4, statewide) where stakeholders can gather to discuss implications of the PSBN strategy and make suggestions for improvement. Once feedback has been received and digested, the SCIP plan would be updated to reflect the MICC's suggested strategy and any modifications put forth by stakeholders and accepted by the MICC. It is possible that Maine may hire a contractor to facilitate this process, however past efforts have been conducted by internal MEMA and OIT staff. If a contractor is used, Maine would issue an RFP for the services and would expect bids to be submitted for less than $250K.

3. State-level Involvement

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

The SWIC is a full time state employee housed within the Maine Emergency Management Agency (MEMA). MEMA intends to utilize SLIGP or other Federal funding sources to maintain the SWIC position, as State funding is not available at this time.

The Maine SWIC is already primarily responsible for updating and maintaining the SCIP plan. Therefore we anticipate that the SWIC will be intimately involved in the development of the public safety broadband strategies that will be incorporated into the SCIP through the SLIGP and FirstNet consultation process. The SWIC will coordinate the public education and consultation processes with State, County, Local, Tribal and Regional partners.

Other state agencies involved in this effort will be Maine OIT, for its technical expertise and in connection with the Maine State Communications Network, a VHF land mobile radio system operated by OIT on behalf of state agency radio users. State first responder agencies which would likely use the eventual PSBN include:

- Maine State Police
- Maine EMS
- Office of the State Fire Marshal
- Maine Warden Service
- Maine Marine Patrol
- Maine Forest Service
- MEMA

All of these agencies are already represented on the MICC and would be engaged in the consultation and development of a revised SCIP plan to include public safety wireless broadband.

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

The State Chief Information Officer and Chief Technology Officer are monitoring the progress of the Nationwide Public Safety Broadband Network development and will be participating in the execution of the SLIGP. The Chief Information Officer is the Office of Information Technology's senior executive who reports to the Commissioner of Administrative and Financial Service. He will be responsible for any policy direction required to support the SLIGP effort and facilitates communication to the Governor's Office. The Chief Technology Officer's primary roles will be to oversee the efforts of the operational units within the Office of Information Technology participating in the SLIGP effort including the LMR radio operation group, radio project office and ConnectME state broadband authority.

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

State agencies with responsibilities for public safety and emergency response and who are represented on the MICC:

- Department of Defense, Veterans and Emergency Management (includes MEMA and the Maine Army and Air National Guard)
- Office of the Chief Information Officer (includes OIT and the ConnectME Authority)
- Department of Public Safety (includes Maine State Police, Maine EMS, and Office of the State Fire Marshal)
- Department of Agriculture, Conservation and Forestry (includes Maine Forest Rangers)
- Department of Inland Fisheries and Wildlife (includes Maine Warden Service)
- Department of Marine Resources (includes Maine Marine Patrol)

- Department of Transportation
- Maine Public Utilities Commission (includes Emergency 911 Communications Bureau)

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.

At a minimum, the SLIGP will be used to support the continued full time employment of the SWIC position within MEMA. SLIGP funding may also support additional staff, in whole or in part, within MEMA and Maine OIT, to support the activities of the SWIC and the goals of the SLIGP to develop public safety wireless broadband strategies.

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

Maine has seen great success through the Broadband Technologies Opportunity Program (BTOP) Grant in recent years, although this has been focused on improving fiber networks across the state. The "Three Ring Binder Project" won national attention for connecting the "middle-mile" of the State's fiber data networks together and building capacity for future network expansions. We would capitalize on the relationships with private sector entities and utilities that were built during BTOP, as well as reaching out to commercial wireless carriers such as US Cellular, Verizon, AT&T, T-Mobile and Sprint.

The State's broadband oversight agency, the ConnectME Authority will be engaged in both phases of the SLIGP effort. ConnectME works closely with private telecommunication carriers and has substantial experience collecting and disseminating information regarding telecommunication facilities and coverage. It is expected that private industry assets will be identified and collected for subsequent evaluation as to their suitability for the PSBN.

4. Coordination with Local Government Jurisdictions

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

The State of Maine is organized into 16 Counties, with about 495 organized cities, towns, and townships. There are additional Unorganized Territories that fall under the jurisdiction of State Government. Finally, the State is home to four federally recognized Native American Tribes.

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 MICC includes members from the Maine Municipal Association and Maine County Commissioner's Association, representing local and county governments. The MICC also includes members from the Maine Chiefs of Police Association, Maine Fire Chiefs Association, and Maine Sheriff's Association, representing local and county first responders. The Committee also includes a member of the Maine Hospital Association who represents the interest of the state's 42 not-for-profit hospitals.

We do recognize that the MICC should be expanded to include a member representing Tribal governments in Maine.

As stated previously, engagement efforts will be through the development of educational and information resources, communicated through email and in-person outreach sessions. Past planning efforts have shown that between four and six regional outreach workshops across the state are effective in soliciting input from county and local first responder agencies. These stakeholders make up the membership of the Associations noted above. Once the "ground truth" impact of a PSBN, and various requirements have been expressed by these agencies, the MICC will be better informed and able to refine the strategies for implementing a statewide PSBN.

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

MEMA has administered the State Homeland Security Grant Program (SHSGP), Law Enforcement Terrorism Prevention Program (LETPP), Interoperable Emergency Communications Grant Program (IECGP), and Public Safety Interoperable Communications Program (PSIC) successfully over the past ten years. Each of these grants has required consultation and coordination with County, Local and Tribal partner agencies.

Through a combination of direct grant awards and competitive funding opportunities, MEMA has administered more than $130 million since FY2002. For all competitive grant processes, MEMA has administered funding availability through County EMA offices and used a multi-discipline, multi-jurisdictional review committee process to score and evaluate grant proposals. Once projects were awarded, MEMA program staff maintained a close working relationship with grantees throughout the project performance period.

A second possible outreach method may be pursued in creating an informational DVD about the upcoming PSBN. Dissemination of earlier *Narrowband: Are You Ready?* DVDs produced by MEMA were highly successful for bringing attention and action to the FCC narrowband mandate planning process. The feedback and conversations generated after first responders have been made aware of the PSBN and begun to consider the

impact on their communities will greatly enhance the information that Maine will be able to deliver back to FirstNet at the end of the consultation process.

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

The most significant challenge we face in Maine when engaging first responders at the local level is the time commitment involved in carrying out new projects. Maine is comprised of primarily rural, primarily volunteer first responders. Professional police, fire and EMS agencies are already over-burdened with their regular responsibilities and maintaining their qualifications. Volunteer fire and ambulance agencies are further stressed when asking members to donate more time away from jobs and families.

Given these challenges, Maine has been relatively successful in carrying out homeland security and emergency preparedness programs. For example, Maine led the nation in conversion to narrowband communications in advance of the FCC's narrowband deadline on December 31, 2012. A great deal of effort went into planning, frequency coordination, equipment purchase and deployment, and cut-over to narrowband in time for the FCC deadline.

Maine has also led the nation in compliance with National Emergency Communications Plan (NECP) Goals 1-3. Through constant SWIC outreach and data collection from county, local and tribal partners, Maine consistently reports before deadlines and with comprehensive statewide information.

We would employ the same methods and strategies for reaching out to local entities as in other grant programs in order to meet the SLIGP and FirstNet requirements.

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.

Several of Maine's counties sponsor County Radio Boards or Public Safety Dispatch committees that oversee LMR radio systems and E-911 dispatching in their regions. A few of these committees have focused on Mobile Data Terminal deployments where there are communities that have adopted MDT technology for their first responders. However, as stated above the MDTs in use in Maine are operating on commercial wireless carriers and the county governance committees have not focused on developing any distinct public safety broadband networks.

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

Maine is strongly represented on the OEC Region 1 RECCWG, and the SWIC also participates in a regional working group with other New England SWICs. Maine is also represented by MEMA and OIT officials on the FCC Region 19 New England 700MHz and 800MHz committees.

Additionally, Maine participates in national events such as the National Council of SWICs (NCSWIC), the National Association of State CIOs (NASCIO), the National Association of State Technology Directors (NASTD), SAFECOM, APCO, the National Emergency Number Association (NENA), the National Association of Counties (NACO) and the National Governor's Association.

Finally, Maine is engaged in an aggressive cross-border communications working group effort with first responder agencies in the Canadian Provinces of New Brunswick and Quebec. To the extent practicable, Maine will inform and discuss PSBN planning activities with Canadian counterparts. Officials from Maine border counties and MEMA regularly participate in CITIG (Canadian Interoperability working group) meetings in Quebec and New Brunswick. We are unaware of a similar effort in Canada to develop a PSBN, therefore at this time we view integration with potential Canadian networks as out of scope of SLIGP activities. Should a similar effort be undertaken in Canada during the three year consultation period of SLIGP, Maine will look forward to coordinating our efforts with neighboring partners at that time.

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

The MICC will leverage regional coordination committees as needed once the State's public safety wireless broadband strategies begin to take place. Where all states (and their SWICs) will be similarly focused on FirstNet/PSBN issues over the coming years, we anticipate that there will be much collaboration between New England partners to leverage best practices, share data collection tools and methods, etc.

Maine's first responder associations are organized by regions within their own discipline (ie: Chiefs of Police Assoc regions are different than Fire Chiefs Assoc regions). MEMA and OIT officials working on PSBN planning will take advantage of opportunities to attend regional association meetings to gather feedback and thoughts from these constituencies.

In addition, Maine is an active participant in the FEMA/OEC Region I Regional Emergency Communications Coordination Working Groups (RECCWG). Through the RECCWG we will have the opportunity to consult, learn from, and share success stories and lessons learned with other SWICs and PSBN planners from across the New England region.

Maine also participates in cross-border interoperability planning with Quebec and New Brunswick partners through the Canadian Interoperability Technology Interest Group (CITIG) and with emergency management/public safety agencies through the International Emergency Managers Group (IEMG). We will continue to improve cross-border partnerships and work to integrate SLIGP/FirstNet planning efforts with similar 700MHz planning initiatives north of the border.

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

The State of Maine did not collaborate with any other states, territories, or regional entities for the development and preparation of the SLIGP 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

Maine has four federally recognized Native American Tribes:

- Penobscot Indian Nation
- Passamaquoddy Indian Nation
- Aroostook Band of Micmacs
- Houlton Band of Maliseets

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.

Tribal partners are regularly invited to all public outreach events, workshops, training and exercises conducted by MEMA for first responders across the state. Outreach is made directly by MEMA and through the County EMA offices. Likewise, Tribes will be invited to participate in all PSBN planning activities and consultations.

As mentioned above, we recognize the need to include a Tribal representative as a standing member of the MICC committee to ensure ongoing representation and participation with respect to Tribal first responders.

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

As stated above, Tribal first responder agencies are regularly invited to participate in training, exercises and other workshop events. Attendance has been intermittent but we remain persistent in our efforts to include Maine's Tribes in our emergency management activities. With respect to public safety communications, Maine Tribes have benefitted from PSIC and IECGP programs in the past. In addition, the SWIC has nominated a Maine Tribal representative to the Region 1 RECCWG, and this representative has participated in recent RECCWG meetings via conference call.

MEMA has been successful in engaging the Penobscot and Passamaquoddy Tribes through the EMPG, HSGP and Operation Stonegarden grant programs. The benefit to the Tribes has been funding for improved emergency operations plans (Penobscots via EMPG) and first responder equipment (radios via HSGP and OSG).

Under SLIGP, MEMA can request participation from Tribes and describe the benefits of collaborating on the FirstNet development process for future benefit of all first responders. However we cannot otherwise require or force Tribes (sovereign nations) to assist in the planning or become customers of the FirstNet network. We will make every attempt to include Tribal representation at the MICC level, and in subsequent regional outreach sessions.

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

As far as we know, no Tribal representatives have attended MICC meetings thus far.

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 primary challenge has been securing regular participation by Tribal representatives. We have had some success with initial and second meetings, however the long term, sustained efforts have been difficult to maintain.

The strategy to resolve this is continued persistence in requesting meetings and engaging Tribes for their input and feedback on planning efforts. We hope that formally engaging the Tribes with a seat on the MICC committee may also help to maintain their involvement.

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.

Maine is an extremely rural state with areas that are classified as "urban" by Maine standards, yet would only be small communities in other larger states.

For example the state's largest city, Portland, only has about 66,000 residents. Southern Maine is the most densely populated, particularly the Cities of Portland, South Portland and their surrounding metro communities, and the Cities of Lewiston and Auburn and their neighbors. The State Capital of Augusta in central Maine, and the City of Bangor and its surrounding communities make up Maine's other densely populated areas. The rest of the state, including vast swaths of uninhabited forest wilderness, is made up of extremely rural communities.

Maine will follow a USDA definition of "rural" to mean: locations outside places of 50,000 or more people and their associated urbanized areas. Using this metric, only the City of Portland would be defined as "urban". Many communities such as South Portland, Lewiston, Biddeford, Bangor, Augusta, Auburn, Brunswick, Waterville, and others consist of built-up downtown areas along with more rural outlying areas. These communities have populations over 15,000 people but have comparatively low population densities and first responders are required to patrol and respond over wide geographic areas in order to serve their citizens.

Additionally, Maine has very mountainous and tree covered landscapes, making communications a challenge in large areas of the state. Many small communities are located on islands off the state's lengthy coastline, making communications over great distance and over water a challenge as well.

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.

In Maine, mobile broadband and LTE technology is provided by commercial carriers who focus their assets in the areas around towns and along major roadways. As such this results in limited to no service in the rural areas due to the state topography and distance between towns. Most of the unorganized regions of the state have no broadband or LTE service. Maine's challenging conditions often means that latest generation of broadband technology such as LTE are deployed after the carriers have completed deployments in more populated markets.

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.

Maine plans to collect specific broadband and LTE coverage information and assess public safety communication needs. Using this information the next steps will be to determine rural coverage gaps. Once this effort is completed the MICC will prioritize where to focus resources. A prioritized coverage requirement document will be developed establishing benchmark metrics that will be used for the design, implementation and coverage testing components for the NPSBN build out.

The State of Maine classifies 80 communities as "Municipal Service Centers". These communities are described in general in 7a above, typically with downtown areas, hospitals, major economic centers (shopping, services, employers) and also surrounded by rural residential areas. Maine will prioritize FirstNet/SLIGP planning activities around these service center communities, attempting to maximize the impact of planning efforts on the jurisdictions where citizens work, shop, and obtain community services.

At the same time, Maine will examine the best ways to reach unserved and underserved areas. We recognize that the service center communities may be busy in daytime hours, yet these customers may live in surrounding areas where first responders will need to go during all hours of the day and night. Typically these communities are served by State Police and County Sheriff forces as well as a volunteer fire and ambulance service. Maine will attempt to maximize the coverage areas of FirstNet services to include these locations as the build-out expands from the municipal service center communities.

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 broadband authority ConnectME has a database of wired and fixed wireless assets as provided by commercial ISPs and the Office of Information Technology. State office coverage provided by OIT's statewide 802.11 wireless network is entered in this database as well.

Maine conducted a data collection effort several years ago using the OEC Communications Assets & Mapping (CASM) tool. The database is still available as a reference point, however it has not been kept up to date due to funding limitations and the ability to require communities to manage their data.

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

ConnectME's database is updated every six months. Locations served by OIT 802.11wireless network are posted online and updated as additional access points are deployed.

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 State recently went through a third party assisted requirements assessment effort as related to the new Statewide LMR system currently being deployed. This effort defined the hardening, security and reliability requirements for the system that includes a high capacity microwave backbone, statewide mobile

radio coverage and public safety grade reliability. These requirements were quantified in a competitive procurement with an award made to a system integrator who is implementing the new system.

These hardening, security and reliability requirements can be used as a starting point for review by the MICC and evaluation of local and tribal systems during the data collection phase of the SLIGP.

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.

Determining what provisions commercial carriers have in place to harden, secure and enhance availability can be difficult due to the sensitive nature of the information. Maine suggests that agreements with commercial carriers include provisions for evaluation of these network attributes in conjunction with the SLIGP effort. During phase two, this data would then be collected and to the extent possible summarized to protect confidential information. We will lever the relationships that ConnectME has with the commercial broadband carriers.

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 MICC will assist with developing a target list of potential PSBN users across the state. Utilizing MICC representatives from the Maine Chiefs of Police Association, Maine Fire Chiefs Association, Maine Sheriff's Association, Maine Hospital Association, Maine Municipal Association, Maine County Commissioners' Association, and the yet-to-be-named Tribal representative, the MICC will engage in awareness and outreach activities, surveys and other methods to gauge interest in participation in the PSBN.

Potential users may be first responders from communities within the Municipal Service Areas noted in 7b above, from private ambulance services, county and state law enforcement, and Tribal first responder agencies. As the network expands to more rural areas, additional responders from volunteer fire departments or part-time municipal law enforcement (constables, etc) may be able to access the system.

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.

MEMA and the SWIC have a strong track record of training first responders on public safety communications issues. For example, Maine has a robust Communications Unit Leader (COML) training program, with over 100 students completing the training course over the last three years.

Capitalizing on this reputation for training and outreach activities, MEMA will work with County EMAs and first responder agencies at all levels and disciplines to identify appropriate Train-the-Trainer personnel to complete PSBN courses, once they have been identified.

Maine will conduct outreach to all of these entities through direct meeting invitations, using mailing lists and outreach by the various professional Associations noted above. Quarterly meetings, newsletter mailings, and direct word of mouth between regional chiefs will be effective in disseminating information on FirstNet/SLIGP activities. For example, the Maine Chiefs of Police Association schedule an 8-venue "road show" each year and produce a monthly newsletter. Other first responder disciplines have similar member outreach mechanisms that will be leveraged to communicate with first responders.

Technical assistance from NTIA/OEC may be needed for train-the-trainer type activities. However, once Maine has a knowledgeable cadre of trainers who can conduct courses and educate first responders, more training will be conducted across the state with a goal of reaching each identified first responder agency. Additionally, as noted in 4c above, Maine may elect to produce an informational video similar to the highly successful *Narrowband: Are You Ready?* effort from a few years ago.

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.

The most likely obstacle to Maine's full participation in the SLIGP and future PSBN is funding. The State budget is extremely tight and the climate for requesting and securing new funding for nearly any purpose is very difficult, if not impossible.

We are concerned about the matching requirements for the SLIGP grant and will consider requesting a waiver of the match to enable Maine to fully utilize the SLIGP. For the future PSBN network, we are concerned about the implementation costs as well as the long term maintenance costs for users to remain on the system. Maine community budgets are just as tight as the State budget, and local first responder agencies will find it very difficult to participate in the PSBN if it is not competitive with the commercial networks they use today.

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 ConnectME Authority maintains a complete inventory of wired, fixed wireless and mobile wireless coverage in the State. This tool allows carriers to submit data online and verify the accuracy of the data in map form prior to its incorporation in to the overall state coverage map. The tool can accept map based coverage data or predict coverage based on tower site parameter. The backend data collection tool spatially locates the data and makes coverage layers available. The Maine Office of GIS then provides a map based interface to users allowing them to ascertain broadband availability. The ConnectME Authority encourages providers to update this information every six months. The CASM database mentioned in 8.a above may also be a resource, although in some cases the data may be too old to be useful for SLIGP purposes.

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

The State would like expand on the ConnectME broadband mapping tool that was developed in conjunction with NTIA BTOP funding. Enhancements to the tool will allow it collect additional data elements identified in the SLIGP effort such as backhaul assets. The tool could also be modified to collect user coverage requirements and identify coverage gaps based on the information input.

During the SLIGP effort public safety agency information will be collected and catalogued. This will include information what software, system and databases are being used and what needs are unmet. The State does not have a tool capable of inventorying software, systems and databases being used by public safety entities. An application designed to collect and report on the attributes of these various systems and database would assist efforts to integrate systems and provide users with access to more information.

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.

Maine understands Phase 1 to primarily involve the identification of the types of broadband (wired and wireless) infrastructure, its current ownership, and the types of software/systems that first responder agencies currently use or might hope to use on the new PSBN. Phase 1 would also entail the development of a public safety wireless broadband section/annex to the SCIP and TICP plans, if only in an outline form. We would also ensure the MICC is expanded to include representation from Tribal entities and consider the addition of private sector/utility representatives as well.

Maine then understands Phase 2 to include the collection of data, surveys and outreach to network infrastructure owners, public safety agencies, and other relevant parties to assess the current inventory of assets, infrastructure, software and systems available across the state today. This data will be delivered to FirstNet/SLIGP with the intent of adding to the national database of broadband assets available to be leveraged in developing the new PSBN.

Maine acknowledges that at least half of SLIGP funding will be held back by NTIA until all Phase I requirements have been met.

15. Other

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

MEMA and Maine OIT were the only agencies involved in the preparation of this application. No outside consultants, vendors or other entities had input to this document.

Category	Detailed Description of Budget (for full			Breakdown of Costs		Comments
a. Personnel	**Quantity**	**Unit Cost**	**Total Cost**	**Federal**	**Non-Federal**	
SWIC: 50% of the time on SLIGP grant activities for 3 years. The SWIC's annual salary is $49,300	3 years	$ 24,650	$ 73,950	$ 73,950		
MEMA Deputy Director: 20% of the time on SLIGP grant activities for 3 years. The Dep.Dir's annual salary is $71,500	3 years	$ 14,300	$ 42,900	$ 42,900		
OIT Associate CIO: 10% of the time on SLIGP grant activities for 3 years. The Assoc CIO's annual salary is $104,300	3 years	$ 10,430	$ 31,290		$ 31,290	
total personnel			$ 148,140	$ 116,850	$ 31,290	
b. Fringe Benefits	**Quantity**	**Unit Cost**	**Total Cost**	**Federal**	**Non-Federal**	
SWIC: calculated at 63% of salary for the portion of time spent on SLIGP	$ 73,950	63%	$ 46,589	$ 46,589		
MEMA Deputy Director: calculated as 45% of salary	$ 42,900	45%	$ 19,305	$ 19,305		
OIT Associate CIO: calculated at 43% of salary	$ 31,290	43%	$ 13,455		$ 13,455	
total fringe benefits			$ 79,349	$ 65,894	$ 13,455	
c. Travel	**Quantity**	**Unit Cost**	**Total Cost**	**Federal**	**Non-Federal**	
Mileage for Working Group meetings: travel for 10 non-State members at avg round trip of 75 miles, times 4 meetings per year, times three years. State mileage rate is $0.44/mi	9,000 mi	$ 0.44	$ 3,960	$ 3,960		
Mileage for Public Outreach workshops and meetings: travel for 5 state staff to regional meetings, average round trip of 150 miles, 16 county meetings, one per year for three years	36,000 mi	$ 0.44	$ 15,840	$ 15,840		
Mileage for non-State attendance at Public Outreach workshops and meetings: est 30 attendees at each of 16 county meetings, one per year for three years, average round trip of 50 miles	72,000 mi	$ 0.44	$ 31,680		$ 31,680	
Travel for Regional and National meetings with FirstNet: travel for 5 working group members to attend total of 8 meetings in 3 yrs, airfare est $500, hotel est $150/nt for 2 nts, per diem est 50/day for 3 days = total avg trip of $950	40 trips	$ 950	$ 38,000	$ 38,000		No pre-award travel costs will be drawn from SLIGP funds. [B.Fitzgerald, 7-10-13]
total travel			$ 89,480	$ 57,800	$ 31,680	
d. Equipment	**Quantity**	**Unit Cost**	**Total Cost**	**Federal**	**Non-Federal**	
N/A	$ -	$ -				
total equipment			$ -	$ -	$ -	
e. Supplies	**Quantity**	**Unit Cost**	**Total Cost**	**Federal**	**Non-Federal**	
Office Supplies: budgeted at $50/mo for three years	36 months	$ 50	$ 1,800	$ 1,800		
Printing of meeting and public outreach materials: average $100 cost per print run, times 12 Working Group meetings and 48 county meetings over three years	60 printings	$ 100	$ 6,000	$ 6,000		
total supplies			$ 7,800	$ 7,800	$ -	

f. Contractual	Quantity	Unit Cost	Total Cost	Federal	Non-Federal	
Development of revised SCIP plan: up to two updates during three year period. This will be done under a Task Order to the overall contractual services for SLIGP activities. Pricing estimated based on historical experience with similar planning efforts (original SCIP in 2007, etc)	2 updates	$ 37,500	$ 75,000	$ 75,000		
Development of governance panel (MICC), outreach and education: identify audience, meeting strategy and scheduling, conduct meetings and training, etc. Pricing estimated as contractual services TBD through RFP process. Pricing estimated based on historical experience with similar planning efforts (original SCIP in 2007, etc)	SLIGP phase I	$ 100,075	$ 100,075	$ 100,075		
Phase II and preparatory activities: development of survey questions, collection and preparation of above listed data for consultation process with FirstNet. Pricing estimated as contractual services TBD through RFP process. Pricing estimated based on historical experience with similar planning efforts (original SCIP in 2007, etc)	SLIGP phase II	$ 600,000	$ 600,000	$ 600,000		
total contractual			$ 775,075	$ 775,075	$ -	
g. Construction	**Quantity**	**Unit Cost**	**Total Cost**	**Federal**	**Non-Federal**	
N/A	$ -	$ -				
total construction			$ -	$ -	$ -	
h. Other	**Quantity**	**Unit Cost**	**Total Cost**	**Federal**	**Non-Federal**	
Technology charges for MEMA employees (SWIC @ 50%, Dep.Director @ 20%), calculated at 2% of federally funded salary for the portion of time spent on SLIGP. The Agency pays approx 2% for all employees for IT expenses (phone, email, computer, network, blackberry, etc)	$ 116,850	2%	$ 2,337	$ 2,337		
Overhead charges for OIT employees: calculated at 10% of time spent on SLIGP activities for 3 years. The total annual overhead charge for the Assoc CIO is $11,538 (x 10% x 3 yrs) Overhead consists of payroll/personnel services, training/conference costs, employee bonding/insurance, and IT tools used by the employee	$ 11,538	10%	$ 3,461		$ 3,461	See OIT description of overhead costs at: http://www.maine.gov/oit/services/OITServiceCatalog-ExplanationofFullyBurdenedRates.html
In-kind value of county/local responder attendance at Working Group meetings: 12 meetings over three years, at four hours each (mtg + travel), times 10 non-state members. MEMA uses an avg rate of $17.28/hr when calculating in-kind match	480 hours	$ 17.28	$ 8,294		$ 8,294	
In-kind value of county/local responder attendance at Public Outreach workshops and meetings: 48 meetings over three years, at four hours each (mtg+ travel), times 30 attendees. MEMA uses an avg rate of $17.28/hr when calculating in-kind match	5,760 hours	$ 17.28	$ 99,533		$ 99,533	
In-kind value of county/local responder attendance at FirstNet training sessions: 48 trainings over three years, at three hours each (trn + travel), times 30 non-state attendees. MEMA uses an avg rate of $17.28/hr when calculating in-kind match	4,320 hours	$ 17.28	$ 74,650		$ 74,650	
total other			$ 188,275	$ 2,337	$ 185,938	
Total Direct Charges			$ 1,288,119	$ 1,025,756	$ 262,363	
i. Indirect Charges	**Quantity**	**Unit Cost**	**Total Cost**	**Federal**	**Non-Federal**	
STACAP charges on all State of Maine expenses: 1.965% percent fee charged on the total of federal funds expended by MEMA that are not passed-through to County/Local governments.	$ 1,025,352	1.965%	$ 20,148	$ 20,148		See Maine State Statute at: http://www.mainelegislature.org/legis/statutes/5/title5sec1877-A.html
total indirect			$ 20,148	$ 20,148	$ -	
TOTALS			$ 1,308,267	$ 1,045,904	$ 262,363	

State and Local Implementation Grant Program (SLIGP)

STATE OF MAINE
Maine Emergency Management Agency
Maine Office of Information Technology

DETAILED BUDGET JUSTIFICATION NARRATIVE

The State of Maine submits the following proposed budget for SLIGP grant funds awarded to the State. A spreadsheet of each cost category and breakdown of federal vs. non-federal spending is attached.

Category A: Personnel

- **Federal: $116,850**
- **Non-Federal: $31,290**
- **Total: $148,140**

Maine will fund 50% of the cost of maintaining the SWIC position within the Maine Emergency Management Agency (MEMA) for the three year SLIGP grant performance period. The SWIC will perform the primary duties of coordinating the Maine Interoperable Communications Committee (MICC), leading the development and updating of public safety wireless broadband strategies and their inclusion in the State Communications Interoperability Plan (SCIP), and will coordinate and organize public outreach and education sessions to bring County, Local, Tribal, and other partners into the consultation process. Additionally, MEMA will use federal SLIGP funds for 20% of the cost of the agency's Deputy Director, who currently works in collaboration with the SWIC on other interoperable communications projects.

Part of the in-kind match for SLIGP funds will be derived from non-federal funds expended within the Maine Office of Information Technology (OIT) on similarly focused staff. OIT maintains and operates the State Radio Network as well as all State broadband networks. OIT staff will be intimately involved in the development of the public safety wireless broadband efforts under SLIGP. Specifically, the Associate CIO for Network and Communications will spend 10% of his time working on FirstNet activities over the three year grant period.

Category B: Fringe

- **Federal: $65,894**
- **Non-Federal: $13,455**
- **Total: $79,349**

Costs projected in this category reflect the three-year fringe benefits associated with 50% of the SWIC and 20% of the Deputy Director at MEMA. Fringe is calculated as 63% of the SWIC's salary and 45% of the MEMA Deputy Director's salary. Fringe includes health insurance, retirement contributions, and other benefits offered to all State of Maine employees.

In-kind matching funds will be derived from the non-federal funds which cover fringe benefits of aforementioned OIT staff working on the State Radio Network and State broadband networks. Specifically, the Associate CIO's fringe benefits are calculated at 43% of his salary, for the same package of benefits described above.

Category C: Travel

- **Federal: $57,800**
- **Non-Federal: $31,680**
- **Total: $89,480**

Projected costs in this category will cover the travel costs of the SWIC and other State personnel working to develop the public safety wireless broadband components of the SCIP plan, and/or participating in the data collection required by FirstNet under the SLIGP program. Travel may be in-state or out of state to conferences or regional meetings in New England, nationwide, or in the neighboring Canadian Provinces of Quebec and New Brunswick. Maine officials participate in many meetings throughout the year with the Canadian Interoperability Technology Interest Group (CITIG) and have already presented at conferences on the upcoming FirstNet project. Maine officials may continue to present or solicit information from Canadian partners as the FirstNet project moves forward. All Canadian travel will be pre-cleared by NTIA following the Department of Commerce's grant terms and conditions.

Additional travel expenses may be reimbursed to members of the MICC committee, if it is determined that the MICC's increasing workload requires greater in-person participation by its members on a regular basis.

Specifically, Maine projects to hold one meeting of the MICC per quarter over the three year SLIGP grant period. Many MICC members are state employees and/or located in the Augusta area. For non-state, outside-Augusta members, Maine is budgeting for an estimated 10 persons to attend MICC meetings, at an average round trip of 75 miles.

Maine also projects to host FirstNet meetings in each of the state's 16 counties once per year over the three year grant period. State staff will need to travel to these meetings at an average round trip of 150 miles.

It is anticipated that regional and national coordination meetings will be attended. Maine is budgeting for 5 individuals to attend a total of 8 meetings over the three year grant period.

In-kind matching funds for this category will be paid for in part by non-federal funds used toward the mileage for non-state partners to attend the County meetings. It is estimated that an average of 30 non-state attendees will participate in the County meetings each year, at an average round trip of 50 miles per attendee.

** Note: for all mileage costs, the State of Maine's current reimbursement rate is $0.44/mile.

Category D: Equipment

None.

Category E: Supplies

- **Federal: $7,800**
- **Non-Federal: $0**
- **Total: $7,800**

Supplies such as paper and printer ink, and other office supplies would be funded under this category. MEMA estimates a supply cost of $50 per month over the three year grant period.

MEMA will also need to produce materials for MICC meetings, public outreach and training sessions in each of the 16 counties over the three year grant period. Maine estimates an average cost of $100 per meeting for printed materials, binding (if necessary), folders, etc.

Category F: Contractual

- **Federal: $775,075**
- **Non-Federal: $0**
- **Total: $775,075**

Funding budgeted in this category will likely be awarded to private sector consultants with detailed knowledge and experience in the public safety communications and/or wireless broadband industry. Maine OIT already works closely with several vendors, both in-state and outside of Maine, for various projects ongoing in the state. As the planning requirements and data collection needs are developed by the MICC, MEMA and OIT, it will be necessary to employ contract assistance to ensure that comprehensive and accurate data is collected from across the state. Additional contractual services will likely be needed to conduct public education and outreach sessions, training on the new PSBN, and other activities designed to promote awareness of FirstNet and prepare the State of Maine to consult with NTIA.

Maine estimates needing at least one, and possibly two updates of the State SCIP plan to accommodate the development and rollout of FirstNet. Other consultant activities will include the development of data collection strategies and methodologies, identification of potential FirstNet users, outreach to these user groups, and the planning/hosting of FirstNet public outreach and training sessions across the State during the three year SLIGP grant period. During Phase II of SLIGP, consultants will be used to collect and analyze data and prepare Maine's datasets to deliver to FirstNet.

All of these consultant activities will be conducted under contract with the State of Maine using the State's established RFP and purchasing processes. As such, it is impossible to estimate the exact amount that will be spent on consultant services in this category. We are providing estimates and these will be considered "not to exceed" without requesting a budget modification from NTIA if it should become necessary. The estimates are based on historical experience from similar planning efforts such as the development of the original SCIP plan in 2007. The contracts will be competitively bid under RFP for a firm fixed price, rather than on a time & materials basis.

In-kind matching funds for the contractual category will be derived from non-federal sources of funding within OIT (including the ConnectME Authority, which has previously conducted broadband surveys and programs under the BTOP grant program). Additional matching funds will be counted from in-kind sources, derived from the participation of County, Local and Tribal partners at outreach meetings and training sessions.

Category G: Construction

None.

Category H: Other

- **Federal:** **$2,337**
- **Non-Federal:** **$185,938**
- **Total:** **$188,275**

Funding budgeted in this category will be expended on technology expenses for the SWIC position and the MEMA Deputy Director pro-rated for the amount of time they will spend on SLIGP. Expenses include technology charges such as network access, email, and blackberry. MEMA's technology costs amount to approximately 2% of salary.

Overhead expenses for the Associate CIO are calculated by OIT as 11% of his salary, and are included in the non-federal portion of the budget. These costs include payroll/personnel services, training/conference costs, employee bonding/insurance, and IT tools used by the employee. OIT's statement regarding these overhead costs can be found online at: http://www.maine.gov/oit/services/OITServiceCatalog-ExplanationofFullyBurdenedRates.html

Maine will derive other non-federal contributions to the SLIGP project budget from non-state attendees at Working Group meetings, public outreach and training sessions. As noted above, Maine intends to hold four Working Group meetings and one public outreach meeting in each of the 16 counties during each year of the SLIGP performance period. We also intend to conduct FirstNet training as more details of the system, technology, and user requirements become available.

For the purposes of calculating in-kind match, MEMA uses an average rate of $17.28 per hour to determine the total in-kind contribution from meetings and workshops. A sign-in sheet will be used at all meetings in order to certify participation and determine the number of hours eligible to count toward in-kind match. We will also capture the round-trip miles travelled by participants and a certification of their non-federal pay status.

Category I: Indirect Charge

- **Federal:** **$20,148**
- **Non-Federal:** **$0**
- **Total:** **$20,148**

The State of Maine charges all agencies a percentage fee on funds administered by the agency and not passed through to other non-state agencies. MEMA's STACAP percentage is 1.965%, assessed on the total federal funds utilized by the agency for SLIGP.

State statute authorizing the addition of STACAP as an indirect charge on federal grants can be found at: http://www.mainelegislature.org/legis/statutes/5/title5sec1877-A.html

OMB Number: 4040-0007
Expiration Date: 06/30/2014

ASSURANCES - NON-CONSTRUCTION PROGRAMS

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.

* SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL	* TITLE
Ronald Looman	DIRECTOR
* APPLICANT ORGANIZATION	* DATE SUBMITTED
STATE OF MAINE	03/19/2013

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

FORM **CD-511**
(REV 1-05)

U.S. DEPARTMENT OF COMMERCE

CERTIFICATION REGARDING LOBBYING

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.

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.

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

* NAME OF APPLICANT

STATE OF MAINE

* AWARD NUMBER

2013-NTIA-SLIGP-01

* PROJECT NAME

FY13 STATE AND LOCAL IMPLEMENTATION GRANT PROGRAM

Prefix: Mr.

* First Name: ROBERT

Middle Name: P

* Last Name: MCALEER

Suffix:

* Title: DIRECTOR

* SIGNATURE: Ronald Looman

* DATE: 03/19/2013

DISCLOSURE OF LOBBYING ACTIVITIES

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

Approved by OMB
0348-0046

1. * Type of Federal Action:
- [ ] a. contract
- [x] b. grant
- [ ] c. cooperative agreement
- [ ] d. loan
- [ ] e. loan guarantee
- [ ] f. loan insurance

2. * Status of Federal Action:
- [ ] a. bid/offer/application
- [x] b. initial award
- [ ] c. post-award

3. * Report Type:
- [x] a. initial filing
- [ ] b. material change

4. Name and Address of Reporting Entity:

[x] Prime [ ] SubAwardee

** Name* STATE OF MAINE

** Street 1* 72 STATE HOUSE STATION *Street 2* 45 COMMERCE DR, SUITE 2

** City* AUGUSTA *State* ME: Maine *Zip* 04333

Congressional District, if known: 1

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

6. * Federal Department/Agency:
National Telecommunications and Informat

7. * Federal Program Name/Description:
State and Local Implementation Grant Program

CFDA Number, *if applicable:* 11.549

8. Federal Action Number, *if known:*

9. Award Amount, *if known:*
$

10. a. Name and Address of Lobbying Registrant:

Prefix ** First Name* N/A *Middle Name*

** Last Name* N/A *Suffix*

** Street 1* *Street 2*

** City* *State* *Zip*

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

Prefix ** First Name* N/A *Middle Name*

** Last Name* N/A *Suffix*

** Street 1* *Street 2*

** City* *State* *Zip*

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

*** Signature:** Ronald Looman

***Name:** *Prefix* Mr. ** First Name* ROBERT *Middle Name* P

** Last Name* MCALEER *Suffix*

Title: DIRECTOR **Telephone No.:** 207-624-4401 **Date:** 03/19/2013

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Standard Form - LLL (Rev. 7-97)

STATE OF MAINE
OFFICE OF THE GOVERNOR
1 STATE HOUSE STATION
AUGUSTA, MAINE
04333-0001

Paul R. LePage
GOVERNOR

March 15, 2013

State and Local Implementation Grant Program
Office of Public Safety Communications (OPSC)
National Telecommunications and Information Administration
US Department of Commerce
1401 Constitution Avenue, NW
Room 7324
Washington, DC 20230

Attn: Mr. Michael E. Dame, Program Director

Dear Mr. Dame,

This letter serves to designate the Maine Emergency Management Agency (MEMA) as the single governmental body to serve as the coordinator of implementation of the State and Local Implementation Grant Program (SLIGP) in the State of Maine.

The Director of MEMA, Robert McAleer, has my full confidence in his Agency's ability to manage the funding and carry out the activities of the SLIGP. MEMA is also the State Administering Agency (SAA) for FEMA grant programs including other interoperable communications grants that have assisted Maine communities in the past. The Agency's strong relationships with first responders at the County, Local and Tribal levels, combined with prior experience in managing interoperable communications grant programs, makes MEMA the logical choice to administer the activities and requirements of SLIGP.

MEMA will work in partnership with the Maine Office of Information Technology (OIT) in carrying out the responsibilities of this program within the State of Maine.

Thank you very much for your attention to this matter.

Sincerely,

Paul R. LePage
Governor