

Application for Federal Assistance SF-424

Version 02

* 1. Type of Submission:

- ☐ Preapplication
☒ Application
☐ Changed/Corrected Application

* 2. Type of Application:

- ☒ New
☐ Continuation
☐ Revision

* If Revision, select appropriate letter(s):

* Other (Specify)

* 3. Date Received:

Completed by Grants.gov upon submission.

4. Applicant Identifier:

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: Information Technology, New Mexico Department of

* b. Employer/Taxpayer Identification Number (EIN/TIN):

85-6000565

* c. Organizational DUNS:

023716181

d. Address:

* Street1:

715 Alta Vista

Street2:

* City:

Santa Fe

County:

* State:

NM: New Mexico

Province:

* Country:

USA: UNITED STATES

* Zip / Postal Code:

87505

e. Organizational Unit:

Department Name:

Department of Information Tech

Division Name:

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

Prefix:

Mr.

* First Name:

Maurice

Middle Name:

* Last Name:

Neitzey

Suffix:

III

Title: Program Manager

Organizational Affiliation:

* Telephone Number:

(505) 827-1710

Fax Number:

(505) 827-2325

* Email:

mike.neitzey@state.nm.us

Application for Federal Assistance SF-424

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9. Type of Applicant 1: Select Applicant Type:

A: State Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

*** Other (specify):**

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

National Telecommunications and Information Admini

11. Catalog of Federal Domestic Assistance Number:

11.549

CFDA Title:

State and Local Implementation Grant Program

*** 12. Funding Opportunity Number:**

2013-NTIA-SLIGP-01

*** Title:**

State and Local Implementation Grant Program (SLIGP)

13. Competition Identification Number:

2013-NTIA-SLIGP-01

Title:


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

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

New Mexico State and Local Implementation Grant Program

Attach supporting documents as specified in agency instructions.

 **Add Attachments**

 **Delete Attachments**

 **View Attachments**

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16. Congressional Districts Of:

* a. Applicant

* b. Program/Project

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

Add Attachment

Delete Attachment

View Attachment

17. Proposed Project:

* a. Start Date:

* b. End Date:

18. Estimated Funding (\$):

* a. Federal	<input type="text" value="1,899,423.00"/>
* b. Applicant	<input type="text" value="474,856.00"/>
* c. State	<input type="text" value="0.00"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="2,374,279.00"/>

* 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:

Authorized for Local Reproduction

Standard Form 424 (Revised 10/2005)

Prescribed by OMB Circular A-102

27AVG13

Applicant Name: State of New Mexico

Award Number: _____

Budget Information - Non Construction Programs

OMB Approval No. 0348-0044

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. SLIGP				\$ 1,899,423.00	\$ 474,856.00	\$ 2,374,279.00
2.						\$ -
3.						\$ -
4.						\$ -
5. Totals		-	-	\$ 1,899,423.00	\$ 474,856.00	\$ 2,374,279.00

Section B - Budget Categories

6. Object Class Categories	Grant Program, Function or Activity				Total (5)
	(1)SLIGP	(2)	(3)	(4)	
a. Personnel	\$ 430,560.00				\$ 430,560.00
b. Fringe Benefits	\$ 150,696.00				\$ 150,696.00
c. Travel	\$ 320,000.00				\$ 320,000.00
d. Equipment	\$ -				\$ -
e. Supplies	\$ 48,625.00				\$ 48,625.00
f. Contractual	\$ 846,856.00				\$ 846,856.00
g. Construction	\$ -				\$ -
h. Other	\$ 461,298.00				\$ 461,298.00
i. Total Direct Charges (sum of 6a-6h)	\$ 2,258,035.00	-	-	-	\$ 2,258,035.00
j. Indirect Charges	\$ 116,244.00				\$ 116,244.00
k. Totals (sum of 6i-6j)	\$ 2,374,279.00	-	-	-	\$ 2,374,279.00
7. Program Income					-

Section C - Non-Federal Resources

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) Totals
8. SLIGP	\$ 474,856.00			\$ 474,856.00
9.				\$ -
10.				\$ -
11.				\$ -
12. Total (sum of lines 8 - 11)	\$ 474,856.00	\$ -	\$ -	\$ 474,856.00

Section D - Forecasted Cash Needs

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th quarter
13. Federal	\$ 639,423.00	\$ 109,950.00	\$ 173,525.00	\$ 174,574.00	\$ 182,808.00
14. Non-Federal	\$ 474,856.00	\$ -	\$ 474,856.00	\$ -	\$ -
15. Total (sum of lines 13 and 14)	\$ 1,114,279.00	\$ 109,950.00	\$ 648,381.00	\$ 174,574.00	\$ 181,374.00

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. SLIGP	\$ 639,423.00	\$ 628,973.00	\$ 631,027.00	
17.				
18.				
19.				
20. Total (sum of lines 16-19)	\$ 639,423.00	\$ 628,973.00	\$ 631,027.00	\$ -

Section F - Other Budget Information

21. Direct Charges \$2,258,035	22. Indirect Charges \$116,244
	IT, Financial, and Administrative Services for the three year grant period to cover State assessments for services such as Internet Access, Phones, email accounts, and Enterprise Systems support.
23. Remarks	

State of New Mexico
Department of Information Technology

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

1. Existing Governance Body

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

There are two components to the existing statewide interoperability governing body in New Mexico. The first component is a statutorily created commission, the Interoperability Policy Commission (IPC), and the second component is a working group established under the IPC, the New Mexico State Interoperable Communications Working Group (SICWG). New Mexico's Statewide Interoperability Coordinator has a close working relationship with both the IPC and the SICWG. As discussed in more detail at section 3, below, New Mexico's current SWIC is Jacqueline Miller, Deputy Secretary of New Mexico Department of Information Technology.

The New Mexico Interoperability Policy Commission is a permanent advisory commission created by statute to advise and support the New Mexico Department of Homeland Security and Emergency Management (DHSEM) on emergency response and homeland security activities relating to interoperability, the obtaining of funding and the use of available funding. See 12 NMSA 1978. A copy of the authorizing legislation creating the IPC is set forth at **Attachment 1**, and a copy of the IPC's current work plan is set forth at **Attachment 2**.

There are 12 members of the IPC:

- 1) The lieutenant governor
- 2) The homeland security advisor
- 3) The secretary of information technology or the secretary's designee
- 4) The adjutant general or a representative from the department of military affairs
- 5) The secretary of energy, minerals and natural resources or the secretary's designee
- 6) The state fire marshal or the fire marshal's designee
- 7) The secretary of Indian affairs or the secretary's designee
- 8) The secretary of transportation or the secretary's designee
- 9) The secretary of health or the secretary's designee
- 10) The secretary of public safety or the secretary's designee
- 11) The executive director of the New Mexico municipal league or the executive director's designee

- 12) The executive director of the New Mexico association of counties or the executive director's designee.

The IPC's duties include advising DHSEM on: 1) developing a statewide interoperable emergency communications plan in compliance with national incident management system guidelines, including an integrated public safety radio communications system and other coordinated critical information systems, to achieve interoperability within and between local, state, tribal and federal agencies and first responders; 2) implementation of the interoperable emergency communications plan by state and local agencies and providing specific directions for methods by which agencies shall implement those strategies; 3) priorities relating to the interoperable emergency communications plan; and 4) other matters relating to planning, development, coordination, promotion and implementation of the interoperable emergency communications plan.

The Statewide Interoperable Communications Working Group (SICWG) was established in 2006 to provide standards for wireless radio communications, researching best practices, facilitating cooperative and contract agreements, ensuring adequate wireless spectrum and reviewing priorities for the statewide radio interoperable needs. The SICWG functions as a working group of the IPC. The mission of the SICWG is to address state wireless radio communication interoperability by fostering intergovernmental and cross-discipline cooperation. The SICWG acts as a communications agent to state users about mission critical wireless radio communications issues to coordinate a unified state approach. The SICWG's goals include interfacing with state, federal, tribal and private wireless radio communications advisory groups and regulatory and governing bodies, identifying current infrastructure needs through gap analysis and technology reviews, and developing and recommending system standards for wireless radio communications. The SICWG's objectives include fostering partnerships among local, state, federal, tribal and private entities to promote the exchange of knowledge and resources.

There are two types of members of the SICWG: "core" members and "general" members. SICWG general members are representatives of local, tribal, regional, state, and federal agencies. The general members are drawn from a geographic (including urban and rural) and a substantive cross section of officials, emergency managers, emergency response providers, and communications leaders from State, local and tribal governments. The general members are representative of all of the relevant stakeholders at the State, local and tribal levels on matters concerning public safety communications. The core members are appointed by the Secretary of DHSEM and consist of eight to twelve professionals with knowledge and interest in the field of wireless communications technology. Each of the core members serves for a three year term.

A copy of the SICWG's current charter is set forth at **Attachment 3**.

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

The functioning and mission of the IPC and the SICWG are described in detail in response to 1.a. As a working group of the IPC, the SICWG interacts with and provides outreach to relevant stakeholders at the state, local and tribal level and advises and makes recommendations to the IPC on matters effecting public safety communications. The IPC is set up to function as a statutory advisory committee to the Secretary, DHSEM on decisions regarding public safety communications and how these decisions are implemented. In practice, the IPC makes decisions regarding public safety communications and these decisions are implemented by the Agency heads, including DHSEM Secretary, DoIT Secretary, Public Safety Secretary, Transportation Secretary, and Health Secretary.

- 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 IPC and the SICWG provide an existing structure that will be used to coordinate and implement the PSBN in the State of New Mexico. Importantly, the SIGWG provides a ready-established forum for conducting outreach and planning with all relevant stakeholders and the user community at the state, local, tribal and federal levels. Additionally, the IPC provides an established forum within the State governance structure for conducting outreach, planning and implementation of the PSBN. Accordingly, the State plans to leverage this existing structure as the planning process moves forward. Work will be needed in the near term to ensure that the charters of both the IPC and SICWG fully address interoperable broadband communications, including outreach, the planning process, and to educate the general and core membership of the SICWG as well as the twelve members of the IPC with regard to interoperable broadband communications and the PSBN. This will enable the planning process to proceed in the most efficient manner.

- 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 membership of both the SICWG and IPC currently includes slots for the relevant radio communications stakeholders and representatives from the public safety user community at the State, local and tribal levels. Accordingly, as a first step to ensuring that the SICWG and IPC include representatives with an understanding of wireless broadband and LTE technology, the State will conduct education activities and workshops with the existing members of the SICWG and IPC to ensure that all members are informed concerning broadband and LTE communications. Also, the State will explore adding additional subject matter experts to the membership of the SICWG that may be drawn from both the public and private sectors, including representatives from the commercial carriers.

Darryl Ackley, Secretary, Department of Information Technology, a member of the IPC, will act as the liaison and lead point of contact with FirstNet on behalf of the State of New Mexico in order to facilitate consultation with FirstNet. A copy of the State's Letter of Designation is set forth at **Attachment 4**, and Secretary Ackley's bio is set forth at **Attachment 5**. The authority to hold spectrum licenses and leases for the State of New Mexico is statutorily

vested in NM DoIT. Additionally, NM DoIT is responsible, as an enterprise agency, for building and operating State communications networks used by other agencies within the State.

- 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.*

Current funding will support existing activities of the SICWG through September 2013, and additional funding will be needed to support the continuation of those activities and the expansion of the activities to include PSBN planning and implementation. Currently, the activities of the SICWG are funded by a federal grant under the Interoperable Emergency Communications Grant Program. The SICWG is provided administrative support through funding from NM DHSEM, with some additional support on an ad hoc basis from NM DoIT. The State anticipates that additional financial support will be needed for the expansion of SIGB activities (through the SICWG and IPC) to address and support broadband communications, including planning and implementing the PSBN. The State plans to use SLIGP funding to support these activities; details are set forth in the Budget Form and Budget Narrative.

The State understands that SLIGP funds can only be used to support the portion of functions, activities, or meetings related to public safety broadband. The NM SWIC is funded through enterprise funding from NM DoIT and there is no current plan to use SLIGP funding to fund the SWIC. As discussed in more detail in Section 2, below, the State expects to use SLIGP funds to support a portion of the efforts required to update the SCIP to include public safety broadband.

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?*

It is the vision and goal of the State of New Mexico that all public safety agencies and their partners in the state will communicate using interoperable systems, in real time, across all disciplines to respond more effectively to daily emergencies and large scale incidents. The New Mexico Statewide Communications Interoperability Plan (SCIP) supports and encourages statewide interoperability and promotes outreach and education focusing on stakeholder engagement and interaction.

Currently, the New Mexico SCIP addresses wireless broadband backhaul (middle mile) on a shared system basis as part of the State's digital microwave radio communications network. The State is in the final stages of a three-year program to upgrade the statewide digital microwave communications network to accommodate broadband communications and serve as a backhaul conduit for the deployment of 700 MHz public safety wireless broadband LTE communications and the implementation of the PSBN in New Mexico. The project is funded through a Broadband Technology Opportunities Program (BTOP) grant awarded by NTIA to

NM DoIT; the same grant will also fund the initial deployment of a last-mile public safety 700 MHz LTE project that currently is being re-scoped to deploy along the border with Mexico.

The SCIP is currently undergoing revisions that begin to address wireless broadband communications and the implementation of the PSBN in New Mexico. Additional updates will be required as planning and implementation of the PSBN proceeds.

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

The majority of work done to date has been conducted in conjunction with planning and implementation of the BTOP grant referenced in 2.a. These activities have included meetings with a working group of representatives of public safety communications user agencies from Albuquerque, Bernalillo County, and Santa Fe, as well as briefings to the SICWG.

- 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.*

Currently, the State has a three-day SCIP workshop scheduled for the third quarter of 2013 for the purpose of reviewing and updating the SCIP. This workshop is being funded by the Department of Homeland Security (DHS) Office of Emergency Communications (OEC), and it is anticipated that the workshop, while not dedicated exclusively to broadband issues, will include addressing public safety wireless broadband strategic goals and initiatives. The State anticipates that additional work will be needed during the 36 month period of the grant to develop and implement public safety wireless broadband strategic goals and initiatives as part of the SCIP, and accordingly additional workshops will be required to accomplish this. The State anticipates that annual workshops with a focus on broadband implementation will be required to accomplish this. While it is expected that DHS OEC funding support will remain available in the future through EMPG funding, the State plans to use SLIGP funds to support this effort of updating the SCIP to address public safety broadband; details are set forth in the Budget Form and Budget Narrative. The State understands that SLIGP funds can only be used to support the portion of SCIP-oriented activities or meetings related to public safety broadband.

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?*

Jacqueline Miller, Deputy Secretary of NM DoIT, serves as the New Mexico Statewide Interoperability Coordinator (SWIC), in addition to her duties as Deputy Secretary of DoIT. A copy of Deputy Secretary Miller's bio is set forth at **Attachment 6**. While Deputy Secretary Miller does not work full-time as the SWIC due to her duties as Deputy Secretary of DoIT, her

dual capacity helps to ensure coordination on public safety communications interoperability matters between DHSEM, the agency responsible for statewide public safety communications interoperability and response, and DoIT, the agency responsible for building and operating public safety communications networks on behalf of the State.

Deputy Secretary Miller has frontline responsibility for the preparation of the New Mexico SLIGP grant application and will have a leadership role in implementing SLIGP. Deputy Secretary Miller's position, including her role as SWIC, is funded by the State through NM DoIT enterprise funds, and will not be funded by SLIGP funds.

- 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?*

Secretary Darryl Ackley, the State's Chief Information Officer/Chief Technology Officer, has oversight responsibility for the implementation of SLIGP and with activities related to the implementation of the nationwide PSBN. Secretary Ackley has been designated by Governor Martinez as the lead point of contact with FirstNet on behalf of the State of New Mexico. **See Attachments 4 and 5.** Secretary Ackley also serves as a member of the FirstNet Public Safety Advisory Committee (PSAC), as the designated representative of the National Association of State Chief Information Officers (NASCIO).

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

The following State-level agencies will be involved with SLIGP:

The Department of Homeland Security and Emergency Management (DHSEM)
The Department of Information Technology
The Department of Public Safety
The Department of Health
The Department of Indian Affairs
The Department of Transportation
The Department of Energy, Minerals and Natural Resources

Additionally, the State through DoIT has established the New Mexico Broadband Program and has developed a framework for the New Mexico Regional Broadband Implementation Plan (RBIP). A copy of the framework is set forth at **Attachment 7**. Under this framework, State, regional, local and Tribal leadership will be brought together with representatives from critical infrastructure and commercial interests in order to further the goals of Statewide broadband deployment. This Program will not be part of the governance structure for SLIGP and FirstNet deployment. The State anticipates leveraging the Program through utilization of the relationships and forum established under this framework to assist with disseminating information and gathering data under SLIGP.

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

The State anticipates staffing requirements to effectively implement the consultation process with FirstNet, including designated State representative to FirstNet (Secretary Ackley); SWIC (Deputy Secretary Miller); legal counsel (inside and outside); project manager; technical advisors (employees and consultants); support/operational Staff; Tribal Liaison. Cost details are set forth in the Budget Form and Budget Narrative.

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

The state currently has agreements in place with electric utilities operating within the State to share infrastructure, including sites, towers and other facilities. Under these agreements microwave infrastructure, backhaul capacity and network resources can be shared. Pursuant to sharing agreements entered into between the State and each of these utilities, the State and the utility have the ability to utilize each other's respective excess capacity and components to better serve the citizens of New Mexico. The State is also interested in entering into arrangements with the local telephone carriers for sharing of excess capacity, however the State's anti-donation law which prohibits competition by the State with private parties poses a challenge to entering such agreements. Finding successful methods and relationships for partnering with utilities and commercial operators will be crucial to the success of PSBN deployment in New Mexico due to the predominantly rural nature of the vast majority of the State's geography.

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?*

Section 2 (10) of the Homeland Security Act of 2002, Pub. L. 107-296, 116 Stat. 2135, et seq. (2002), defines "Local government" as a county, municipality, city, town, township, local public authority, school district, special district, intrastate district, councils of government, regional or interstate government entity, or agency or instrumentality of a local government; an Indian tribe or authorized tribal organization; a rural community, unincorporated town or village, or other public entity. New Mexico has 33 counties (see list at **Attachment 8**); numerous cities, towns and villages (see list at **Attachment 9**); and 23 Indian Tribes (see list at **Attachment 10**).

- 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 State of New Mexico will utilize existing governance structure to begin the process of involving local and county jurisdictions in the FirstNet consultation process and in the planning and governance for SLIGP. This will be done through the SICWG, using educational opportunities and workshops sponsored by the SICWG. Currently, every county within the State has four seats on the SICWG that are filled by county and/or local public safety communications officials within the respective county. The membership meets annually at the State Homeland Security and Emergency Management Conference to share information about the efforts at the regional and local level. Information from regional workshops is compiled for distribution at the State level. The SICWG Charter identifies a Core Team of members that represent the larger working group. That Core Team is nominated by the general membership and vetted and approved by the Cabinet Secretary for the Department of Homeland Security and Emergency Management. The Core Team members are representative of the different disciplines, jurisdictions and geographic areas whose responsibility it is to gather and disseminate information. The Core Team meets monthly to develop planning and implementation of policies and processes. Those policies and processes are reviewed with the general membership electronically and discussed in annual general meetings. Decisions are made by the Core Team in accordance with the feedback and discussion at those general meetings.

Additionally, outreach will be conducted at the regional level utilizing the structure presented by the six regional emergency preparedness regions established by DHSEM. Regional meetings and workshops will be conducted within each emergency preparedness zone for the local governments within those respective areas. Specifically, the thirty-three counties in New Mexico are divided into six preparedness areas. Each of the 23 Native American Tribes and Pueblos has been assigned to the Preparedness Area in which their land mass coverage is the largest or where the tribal government is located. The Navajo Nation covers a large part of northwest New Mexico and has been assigned to Preparedness Area 4. For each county there is a County Sheriff's Department, County Emergency Manager, fire departments (paid and volunteer), emergency medical services and 911 communications centers (Public Safety Answering Points – PSAP). Several of the larger cities have Emergency Managers that coordinate with the County Emergency Managers and the State Emergency Operations Center when there is an Incident.

Preparedness Area 1, (Southeastern Preparedness Area)

Chavez County	Guadalupe County	Roosevelt County
Curry County	Lea County	Mescalero Apache Nation
De Baca County	Lincoln County	Eddy County
Quay County		

Preparedness Area 2, (Northeastern Preparedness Area)

Colfax County	Mora County	Union County
Harding County	San Miguel County	

Preparedness Area 3, (North central Preparedness Area)

Los Alamos County	Nambe Pueblo	Pueblo of Santa Clara
Rio Arriba County	Okhay Owengeh Pueblo	Taos Pueblo
Santa Fe County	Pojoaque Pueblo	Tesuque Pueblo
Taos County	Pueblo of Picuris	Jicarilla Apache Nation
Pueblo of San Ildelfonso		

Preparedness Area 4, (Northwestern Preparedness Area)

Cibola County	McKinley County	San Juan County
Navajo Nation	Ute Mountain Ute	Acoma Pueblo
San Juan County	Laguna Pueblo	

Preparedness Area 5, (Mid-Rio Grande/Albuquerque Metropolitan Preparedness Area)

Bernalillo County	Isleta Pueblo	Santa Ana Pueblo
Sandoval County	Cochiti Pueblo	Santo Domingo Pueblo
Socorro County	Jemez Pueblo	Zia Pueblo
Torrance County	Sandia Pueblo	Valencia County
San Felipe Pueblo		

Preparedness Area 6, (Southeastern Preparedness Area)

Catron County	Dona Ana County	Grant County
Luna County	Otero County	Sierra County
Hidalgo County	Mescalero Apache Tribe	

The State will also utilize the structure being established under the New Mexico Broadband Regional Implementation Plan Framework for assisting with disseminating information and gathering data under SLIGP. Due to the involvement of commercial interests under this framework, along with government representatives, this framework will provide a forum for engaging commercial and critical infrastructure representatives in the information and data gathering aspects of SLIGP.

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

The State has successfully used the SICWG to coordinate state-wide projects and activities with local government jurisdictions. For example, the SICWG has been instrumental in obtaining input from and participation of local and government representatives in developing the Statewide Communications Interoperability Plan. As discussed above, the SICWG includes seats for four representatives to be designated by each of the 33 counties within the State. The SICWG structure, through DHSEM-sponsored workshops and meetings, creates a successful means for local jurisdictions and governments to come together under the administration of the

State for the purpose of undertaking statewide projects involving local jurisdictional stakeholders throughout the State.

Additionally, the DHSEM, through implementation of six regional preparedness areas, has successfully worked with local jurisdictions at the regional level in developing and implementing emergency preparedness plans, and in developing Tactical Interoperable Communications (TIC) Plans. The TIC plans specifically were developed through the use of regional meetings and workshops where local agencies within each of the six preparedness areas were able to meet together for the purpose of completing the respective TIC Plans.

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

The primary challenges facing the State of New Mexico when engaging with local jurisdictions has been the need for funding to successfully reach out to these jurisdiction and secure their involvement in the process, and the associated time requirements for such efforts. New Mexico is a vastly rural state everywhere outside of the major population densities of Albuquerque, Santa Fe and Las Cruces, which account for well over half the State's population. The average population density of the state is lower than 17 people per square mile. In many counties and local jurisdictions there are neither sufficient public safety personnel nor funding to allow public safety representatives to travel to statewide workshops or meetings. Accordingly participation from many rural counties and cities is sporadic at best.

To overcome these challenges the state will engage in a series of regional outreach efforts and workshops at various strategic locations throughout the state. The State anticipates conducting outreach sessions within each of the six emergency preparedness regions of the State, and possibly on a more localized level within each such region. This will help to address some of the funding and time commitment barriers impose obstacles to full participation of officials from many rural counties, and will help to bring together jurisdictions that have similar issues and concerns. A core team will be established that will evaluate the data obtained from these regional working group sessions to assist in the implementation of the SLIGP. Funding from SLIGP will assist in supporting the core team and the regional travel and meetings that will be necessary to conduct successful outreach to the local jurisdictions.

5. Regional Coordination

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

The State of New Mexico does have intrastate regional committees that are involved with public safety communications. As discussed above (4.b and c), the State has six DHSEM Preparedness Areas. Local jurisdictions and Indian tribes within each of the respective areas have worked together with support from DHSEM to develop the State's (TIC) plans.

Representatives from each preparedness Area interact with the SIGB through the SWIC and the Communications Coordinator at DHSEM.

Similarly, each of the other State agencies and Departments in New Mexico having representation on the IPC has segmented the State into regional areas to facilitate that particular department's needs. New Mexico State Police has twelve districts; the Department of Transportation has six districts; the Department of Health has four districts and three EMS Regions; and the Department of Information Technology which maintains the state microwave system and communications towers is comprised of four radio shops. Each of these regions for each of these Departments interacts with the SIGB through the respective Department and its representative on the IPC.

Additionally, the expertise of the following Associations and Committees representing stakeholders involved in public safety communications, is available to the SICWG: New Mexico Emergency Managers Association; New Mexico Fire Chiefs Association; New Mexico Sheriffs' and Police Association; and New Mexico Statewide EMS Advisory Committee.

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

The State of New Mexico participates in several interstate regional bodies that are involved with public safety communications.

New Mexico is part of FEMA Region VI and participates in the Regional Emergency Communications Coordination Working Group (RECCWG) for Region VI that is sponsored through FEMA. The RECCWG is a planning and coordinating body responsible for providing a forum to assess and address the survivability, sustainability, operability, and interoperability of emergency communications systems at all government levels. The RECCWG provides a vision into regional preparedness efforts by serving as a mechanism for State, local and Tribal agencies to help FEMA and other Federal agencies define and integrate emergency communications support during an incident.

New Mexico, together with the States of California, Arizona and Texas, is part of the Southwest Border Communications Working Group (SWBCWG) that is sponsored by DHS OEC. The group serves as a forum for Federal, State, local and tribal agencies in Arizona, California, New Mexico and Texas to share information on common issues, collaborate on existing and planned activities, and facilitate Federal involvement in multi-agency projects within the Southwest Border Region.

New Mexico also participates in several other regional organizations:

- NCSWIC (National Council of Statewide Interoperability Coordinators), which has working groups for both broadband and statewide governance,
- Western Region of the National Association of State Technology Directors,
- Four Corners Regional Group, of which the Navajo Nation is the leader, and
- Western States alliance referred to as WestNet.

Participation in these organizations will not include providing funds to those organizations. Expenses applied to this grant would be limited to travel as defined in the budget narrative.

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

Regional efforts are ongoing regarding the need for coordinated early deployments of public safety interoperable broadband service along the U.S.-Mexico border. It is anticipated that the States along the border will leverage SWBCWG for developing a governance structure for interstate coordination of such border deployments.

- 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 New Mexico has not collaborated or coordinated with any other state or regional entity the development and preparation of this application.

6. Tribal Nations

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

There are 23 federally recognized tribes located or partially located within the boundaries of the State of New Mexico. They include one Nation, two Tribes and twenty Pueblos. A complete list of these tribes is set forth in **Attachment 10**. A map of tribal lands within the State of New Mexico showing where each of these tribes is located is included in **Attachment 11**.

- 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.*

Existing New Mexico law calls for the involvement of Tribal nations in collaborative efforts with the State and will assist in allowing the Tribal nations adequate representation in the FirstNet consultation and in the planning/governance for the grant program. The law establishes a process for consulting with Tribes located within State boundaries, which will be utilized in implementing the SLIGP.

Under the “State-Tribal Collaboration Act” (11-18 NMSA 1978, “Act”), every executive agency within the State must have a tribal liaison whose statutory responsibilities include serving as a contact with the federally recognized Tribes in order to maintain on-going communications between the state agency and each Tribe. The Tribal liaison is required to assist the agency head in implementing the policies of the Act which include promoting “effective communication and collaboration between the state agency and Indian nations” and “positive government-to-government relations.” An additional policy of the Act is to promote “cultural competency in providing effective services to American Indians.” The Act requires that employees of the executive agencies be notified of the provisions of the Act and the underlying policies.

The Department of Information Technology currently engages with Tribal communities in key information technology initiatives, such as broadband mapping and digital literacy training and will take the lead in the SLIGP outreach to the Tribes. See **Attachment 12**, DoIT’s 2011 Annual Report on State-Tribal Collaboration Act. In implementing the policies under the Act, DoIT provides training, technical assistance and other support necessary for its employees to work within culturally diverse Native American communities. The Tribal liaison for DoIT, is responsible for direct contacts with the Tribal Nations. The Tribal Liaison will play a leading role in interacting with the tribes on the SLIGP and in selecting meeting times and locations for SLIGP related matters.

DoIT’s Tribal liaison will be attending the New Mexico Native American Economic Summit, being held on May 14-15, 2013, and will provide a presentation on SLIGP, FirstNet, and New Mexico’s participation in the Public Safety Broadband Network.

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

The State has in place a cabinet level department, the Indian Affairs Department (IAD), that serves as the lead coordinating agency in New Mexico state government for ensuring effective interagency and State-Tribal government-to-government relations. The IAD reinforces Tribal governmental efforts to ensure that Native American concerns and needs are addressed in state policy making decisions; effectively manages, and facilitates ways to increase and leverage, state resources to benefit Native Americans; and successfully collaborates with national, Tribal, State and local agencies, entities, and organizations. The Secretary of Indian Affairs or his designee is a member of the Interoperability Policy Commission, and will play a continuing role in all Tribal outreach efforts.

One successful method that has worked in prior dealings with the Tribes is to arrange meetings and outreach efforts within the geographic vicinity of Tribal lands. The State has found it particularly effective to attend Tribal government meetings for presentations at these meetings scheduled by the Tribes. It has also been helpful to meet a number of representatives of different Tribes at a single location and to use Tribal members as part of a presentation.

In addition through DoIT’s Indian Liaison DoIT has access to both a technical lead and administrative lead for each Tribal entity that meet twice annually to discuss collaborative opportunities. The DoIT SLIGP leads are and will continue to be in close communication with

the State Broadband Initiative (SBI) activities located within DoIT. The SBI Broadband Executive Committee includes a Tribal Representative who also serves on the FCC Broadband Tribal Task Force. Tribal activities have included the completion of a Tribal Broadband Survey (see Draft Report at **Attachment 13**) that will assist the SLIGP efforts in securing infrastructure data for statewide planning requirements. Lastly, the SBI is embarking on a number of pilots that will include the Navajo Nation and two Pueblos to ascertain the opportunities for broadband adoption. These data and connections will assist the SLIGP efforts.

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

Tribal representatives from three federally recognized Tribes, Sandia, Santa Clara and the Isleta Pueblo, regularly attend SIGB meetings.

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

In order to overcome any challenges in engaging Tribal nations, the State intends to maintain strong personal bonds with the various Tribal groups and Tribal leaders throughout the implementation of the SLIGP. New Mexico will continue to adhere the goals of the State-Tribal Collaboration Act calling for collaborative efforts with the Tribes and the implementing policies of its agencies, including DoIT (see answer to 6.b). The use of a Tribal liaison familiar with Tribal history, culture, and politics working closely with Tribal leadership will greatly aid the SLIGP process.

Another major challenge for the State is the time and cost associated with maintaining personal contacts with all of the Tribes, especially those located in remote regions of the State. With the assistance of the IAD, the State will set up centrally located and regional meetings to enable more frequent and direct contact with all of the federally recognized Tribes.

Lastly, DoIT has an understanding of cultural awareness and sensitivity surrounding projects with Tribal entities. The importance to expand schedules to develop trust and provide appropriate explanation is a standard when working with Native Nations. DoIT will be sure to incorporate that into the Program Schedule.

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.*

On a geographical basis, New Mexico is a predominantly rural state. The overall population density of New Mexico is 17 persons per square mile. New Mexico has a total population of 2,059,000 reported in the 2010 census. There are only three population centers exceeding 50,000. The largest population center is the metropolitan area composed of

Albuquerque and Rio Rancho, with a combined population in the two core cities of approximately 650,000. The second largest city is Las Cruces, with a population of 100,000, followed by Santa Fe, with a population of approximately 68,000. A list of New Mexico cities, towns and villages with respective populations is set forth at **Attachment 9**.

While there are many different definitions of the terms rural and urban for purposes of various federal programs, for the purposes of this grant application New Mexico will utilize the definitions used by the Census Bureau. The Census Bureau's classification of rural consists of all territory, population, and housing units located outside of urbanized areas and urban clusters. Urbanized areas include populations of at least 50,000, and urban clusters include populations between 2,500 and 50,000. The core areas of both urbanized areas and urban clusters are defined based on population density of 1,000 per square mile and then certain blocks adjacent to them are added that have at least 500 persons per square mile.

By this definition, the largest population centers of Albuquerque/Rio Rancho, Las Cruces and Santa Fe, would be considered urban areas. There are 73 cities and towns with population between 2,500 and 50,000, according to the University of New Mexico Bureau of Business and Economic Research. These include 6 (2 nations and 4 pueblos) on Tribal lands. Many of these population centers, while they may have a total population within the geographical boundaries of the jurisdictional limits of the town or pueblo, have low population density as they cover large geographical areas and are surrounded by vast rural areas. Accordingly, some adjustment to the Census Bureau basic definition is warranted to account for these low population densities. For this reason, New Mexico looks to the population density component of the Census Bureau's definition of rural, which treats only those areas having a population density of less than 500 persons per square mile as being outside of the core urban cluster or urbanized area. Any area outside of the core urbanized areas or urban clusters is considered to be rural.

In keeping with the definitions above, the map in **Attachment 14** illustrates Census Designated Places (CDP) where populations are greater than 500 persons. As depicted in this map, outside of the 10-12 largest urbanized areas and urban clusters, the population density rapidly drops off to levels well below 500 per square mile for the vast majority of the geography of New Mexico, which is to be expected given New Mexico's very low overall population density of 17 persons per square mile.

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

The New Mexico Broadband Program (NMBBP) funded by a NTIA (National Telecommunications and Information Administration) SBI Grant has entered year four of a five-year program. A full explanation of the NMBBP that includes elements of mapping, planning, technical assistance, and capacity building can be found on the DoIT NM Broadband Portal:

- NM Broadband Portal: <http://www.doit.state.nm.us/broadband/>

With regards to availability by technology type, the maps set forth at **Attachment 15** illustrate Census Designated Places (CDP) in relation to broadband coverage by (a) cable, (b) copper wire, (c) DSL, (d) fiber, (e) fixed wireless, and (f) mobile technologies. Understand that these coverage areas “over report” since the data acquired from the providers are aggregated to census geography as agreed with the industry under Non Disclosure Agreements. Subject to the understanding that these maps over report the availability of the six different broadband services in rural areas of the State, and the understanding that not all carriers participated in the information gathering effort, these maps serve as the current best available data for broadband availability. Efforts are underway to validate this information and SLIGP funding will be utilized in support of those efforts during the data collection phase of SLIGP. With regard to existing LTE coverage, the map set forth in **Attachment 15(f)** provides the best available estimate based on commercial carrier reporting, however this estimate has not been fully validated and likely includes over reporting.

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

As discussed above, the State plans to leverage the existing governance structure provided through the SICWG and ICP to conduct education, outreach and planning activities. Rural jurisdictions are represented on both the SICWG and ICP through participation of public safety communications officials. Given that so much of New Mexico is rural, the State is well-versed in conducting outreach and planning activities with participation from rural population settlements.

The State will incorporate the planning framework and products produced by the NMBBP SBI Grant that include a number of complimentary activities. Two major resources will be the statewide technology by type broadband map and the socio-economic demographic model that is being built. These two activities will assist the SLIPG to identify those rural areas that have inadequate service. A prioritization metric will be established that incorporates specific variables mixing demographics, existing infrastructure, and local administrative readiness to implement.

Following the identification of challenged rural areas, engagement of these communities will use the existing structure being developed by the NMBBP for “local” involvement. The SBI has pushed together a framework that uses the New Mexico Council of Governments and Economic Development Organizations. These groups will assist SLIPG in outreach efforts to communities for implementation planning and construction. In addition and where appropriate, the SLIPG will use the NMBBP SBI “Regional Broadband Implementation Plan Framework” to engage communities (See Attachment: “NM Broadband Regional Implementation Plan Framework”).

- RBIP: http://www.doit.state.nm.us/broadband/news/ober_RBIP_rpt_final_v2.pdf

The State will prioritize outreach to rural areas with a concerted effort to initiate contact and secure participation of rural representatives in the SLIGP process. The following three-tier milestone and metrics approach will be undertaken:

- Tier 1: Statewide meetings and workshops. The State will conduct statewide meetings and workshops through the SICWG with oversight and coordination by DoIT, for the purpose of educating attendees with regard to the SLIGP, FirstNet, data collection, and the State's participation in the PSBN. The State anticipates one such meeting per year for the three-year period of the grant. The State will utilize internal DoIT personnel and contractors to plan, develop materials for and conduct the workshops. A goal of these meetings will be to secure as much attendance from rural areas as possible.
- Tier 2: Regional meetings and workshops. Based on attendance at the statewide workshops, the State will conduct a series of regional meetings and workshops aimed primarily at jurisdictional representatives that might not have attended the statewide meeting/workshop. Six such regional meetings/workshops will be held each year during the three-year grant period—one per year in each of the six DHSEM preparedness areas. The meetings will be used to educate and involve rural jurisdictions with regard to the SLIGP, FirstNet, data collection and the State's participation in the PSBN. The State will utilize internal DoIT personnel and contractors to plan, develop materials for and conduct the workshops.
- Tier 3: Individual meetings and workshops. Based on attendance at the statewide and regional meetings and workshops, the State will conduct a series of individual meetings, workshops and visits targeted directly at rural jurisdictions that might not attend either the Statewide or regional meetings/workshops. These individual meetings could include one or several neighboring jurisdictions. The goal of these meetings will be the same as the goal of the Statewide and regional meetings, i.e., to educate rural representatives about SLIGP, FirstNet, planning/data collection, and New Mexico's participation in the PSBN. The State anticipates up to twenty individual and special meetings each year for the duration of the grant aimed at rural population areas, including meetings with Tribal entities.

The State will use this three-tier approach for both phases of the SLIGP grant, i.e., the education/outreach/planning phase as well as the data collection phase.

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 New Mexico Department of Information Technology (DoIT) has an existing database on State-owned infrastructure.

Additionally, the State of New Mexico has been working with the U.S. DHS Communication Assets Survey and Mapping Tool (CASM). The State has completed TIC Plans for all six DHSEM Preparedness Regions. The TIC plans include data on available infrastructure at the County, City, State, Tribal and federal levels for each of the DHSEM Preparedness Regions. This information will be included in the CASM database.

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

The TIC plans are updated annually on a regional basis with support from DHSEM. The NM DoIT database on State-owned assets will be verified as part of the SLIGP efforts. The emergency services facilities and broadband availability are updated twice each year. This will continue for the life of the grant. The Broadband Infrastructure Map development is just beginning, yet is added to when the need arises.

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.*

New Mexico will utilize existing standards for hardening, security, reliability, and resiliency requirements that have developed by SAFECOM and NPSTC as a baseline and request input from State, local, county and Tribal representatives throughout the State as to what additional requirements may be needed.

- 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.*

Using SLIGP funds, the DoIT will conduct a review of all contractual agreements at the State, local, county and Tribal levels to determine existing contractual requirements regarding hardening, security, reliability, and resiliency for commercial carriers providing wireless data services within the State. The starting point of the effort will be a review of State-level purchasing agreements; local and Tribal jurisdiction can make purchases under these agreements and accordingly to that extent local and Tribal purchases would meet the requirements of the State purchasing agreements. DoIT will coordinate this effort through the Tribal liaison and with the SICWG outreach program to secure participation of and access to agreements entered by local, county and Tribal governments in this effort. The effort will include a gap analysis to determine any shortfalls in contractual requirements compared to established standards.

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.*

DoIT will work to identify potential users of the nationwide public safety broadband network within the State by interfacing with the leadership for the various agencies at each level. DoIT will gather information from the Homeland Security Office and the Emergency management community through utilizing existing databases of State, local, county, Tribal and Federal contacts at DHSEM and the SICWG. Additionally the data will be supplemented through questionnaires to be developed by DoIT and disseminated through the leadership and contacts at each level, including through the SICWG. These questionnaires will be focused on identifying potential users, including first responders, second responders, government offices and employees, and critical infrastructure users.

Due to the extensively rural nature of New Mexico, in many parts of the State there is not adequate broadband coverage today. In many of these areas, the number of public safety and government users will be low enough that the expected traffic levels may not on a routine basis fully utilize the capacity of a 10 x 10 LTE network deployment. Nonetheless, public safety grade broadband service is very much needed in these rural areas. Accordingly, New Mexico anticipates that the potential users in those areas will include critical infrastructure users, as well as commercial users on a secondary basis. The questionnaires utilized by DoIT to determine potential users will seek information on usage levels and anticipated demand for bandwidth.

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.*

Education and outreach will be accomplished through a combination of workshops and individual outreach to public safety officials at the State, local and Tribal levels, using the three-tier approach described in 7.c., above. These workshops will be of two types: train-the-trainer workshops, particularly for larger agencies, and user training workshops.

Workshops will be conducted at the statewide and regional levels using support from DHSEM (discussed above). Due to the very rural nature of much of the State, many cities, towns or counties have insufficient resources to send representatives to attend statewide workshops or meetings, accordingly the State has found regional meetings can be effective an effective tool for conducting outreach to community representatives in rural parts of the State. Similarly, the State has found that regional meetings can be an effective way to conduct outreach to Tribal Thus, regional workshops will be a primary tool for conducting outreach and education to State, local, county and Tribal representatives.

The State anticipates that some local and/or Tribal jurisdictions will not be able to send representatives to either statewide or regional workshops. For these local jurisdictions and Tribal

entities, the State will conduct individual outreach. As noted, NM DoIT will be utilizing a full-time Tribal liaison to assist with conducting outreach to the Tribes and the Tribal liaison will assist with the education and outreach effort.

In conducting the outreach and education effort, the State will utilize, to the extent possible, existing tools developed by and available through OEC, including SWIC tools and OEC guidance documents. The State anticipates utilizing internal staff and contractors to conduct the outreach. Additionally, the State will set up an informational interactive website to provide information to State, local and Tribal users of the network.

To conduct these workshops, the State anticipates spending grant funds on the following:

- Development and/or acquisition of training kits and tools needed for the workshops at both the train-the-trainer and train-the-user levels;
- Hiring of internal resources and contractors to conduct the workshops and individual outreach;
- Reimbursement of travel expenses for workshop attendees from the State, local and Tribal levels, as well as reimbursement of travel costs for those conducting the workshops; and,
- Website development and maintenance.

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 State of New Mexico expects to participate fully in the nationwide public safety broadband network and in the SLIGP. In moving forward, there are several legal and other issues that may need to be considered:

Indemnification. Under the State Constitution, the State cannot contractually agree to indemnify another party. Accordingly, contractual agreements entered by the State in furtherance of building out and participating in the PSBN, including agreements with site owners and users, cannot include an indemnification provision.

Anti-Donation Clause. The New Mexico Constitution provides that, “Neither the state, nor any county, school district, or municipality ... shall directly or indirectly lend or pledge its credit, or make any donation to or in aid of any person, association, or public or private corporation ...” Accordingly, the use of government assets within the State of New Mexico will be limited by this clause. Specifically, such assets cannot be donated to FirstNet at no cost, but could be made available on a like-kind exchange basis.

NMSA 9-27-13. This statute provides that DoIT “shall not provide telecommunications services, including telephone, data and broadband services, to an entity other than those authorized pursuant to Section 15-5-1 NMSA, except as is necessary to facilitate a state-

mandated program, including distance education, telehealth or school-based health center programs.” The Statute further provides, “Before expansion or upgrade of a state-owned or state-funded telecommunications network, whether voice, data or video transmission, the department shall prepare a plan consistent with state law and applicable rules that includes an assessment of how the project would potentially affect local telecommunications service providers and telecommunications service ratepayers.” These requirements will need to be satisfied in order for New Mexico to participate in FirstNet.

Cost of service. In order for users within New Mexico to participate in the PSBN, the cost of service must be priced at an efficient and non-prohibitive level. If the cost is too high, potential users will not subscribe to the service. Given that much of the State is of a rural nature, the economics of network buildout will mandate creative solutions for keeping the cost of service low enough to attract users. New Mexico anticipates the need to form creative partnerships with critical infrastructure concerning use, buildout and financing of the PSBN in these rural areas, that also satisfy the requirements of the Anti-Donation Clause.

Environmental Assessment. In implementing the PSBN, NTIA and FirstNet should not impose unduly burdensome NEPA requirements, particularly where existing infrastructure is used to support the PSBN.

Zoning Laws. Buildout of the PSBN within New Mexico will need to comply with all local zoning ordinances. In some areas, this may impose delays.

Federal lands. Many of the existing towers in New Mexico that may need to be used as part of the PSBN are on Federal lands—e.g., lands overseen by the U.S. Forestry Department or the National Park Service. For system assets on Federal lands, special requirements imposed by the operating Federal agency may apply to enable use.

Indian Lands. New Mexico is home to 23 Federally-recognized Tribes and accordingly these Tribes will need to be part of any agreement effecting use of system assets or buildout of the PSBN on Tribal lands.

Local Rules and Ordinances. There may be local or county ordinances or rules that will effect the ability to buildout the PSBN. These rules and ordinances will need to be identified and addressed.

13. Tools

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

The State has used the following software tools that the State could apply to the planning and data collection activities associated with SLIGP:

- GIS mapping tool—Esri technology

- VISIO
- MS Project
- Frequency propagation study tool: Path Loss 5.0
- OEC tools—including tools for CASM, frequency mapping, Response Level Communications, SWIC, Mobile Data Survey

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

Tools for conducting education activities including workshops and outreach directed at potential users of the PSBN would be helpful and beneficial. Additionally, asset management and inventory development tools would be helpful to assist with planning and indentifying available assets for use in building out the PSBN.

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.*

While Phase I activities will be focused on identifying and educating potential users, identifying potential partnering arrangements, and putting in place governance structures that will allow for gathering of information, Phase II funding will be utilized to gather specific information on available assets and user needs and for entering sharing agreements, as may be defined by FirsNet.

15. Other

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

The law firm of Catalano & Plache, PLLC provided legal counsel to NM DoIT during the preparation of this application.

List of Attachments

Attachment 1	Legislation establishing IPC
Attachment 2	IPC Workplan
Attachment 3	SICWG Charter
Attachment 4	Letter of Designation for Secretary Darryl Ackley
Attachment 5	Bio for Darryl Ackley, Secretary DoIT
Attachment 6	Bio for Jacque Miller, Deputy Secretary DoIT and SWIC
Attachment 7	New Mexico Broadband Regional Implementation Plan Framework
Attachment 8	New Mexico Counties with Population Data

Attachment 9	New Mexico cities, towns and villages, with population data
Attachment 10	New Mexico federally-recognized Tribal entities
Attachment 11	Maps showing Tribal lands in New Mexico
Attachment 12	DoIT 2011 Annual Report, State-Tribal Collaboration Act
Attachment 13	Native Nations Broadband Survey Preliminary Results
Attachment 14	Map showing rural areas based on Census Designated Places in New Mexico
Attachment 15	Maps showing Census Designated Places (CDP) in relation to broadband coverage by (a) cable, (b) copperwire, (c) DSL, (d) fiber, (e) fixed wireless, and (f) mobile technologies

SLIGP BUDGET

Item	Year 1					Year 2					Year 3					Total: Federal	Total: Non-Federal	Overall Total
	Q1	Q2	Q3	Q4	Y1 Total	Q1	Q2	Q3	Q4	Y2 Total	Q1	Q2	Q3	Q4	Y3 Total			
Personnel																		
Financial Coordinator	\$ 10,920.00	\$ 10,920.00	\$ 10,920.00	\$ 10,920.00	\$ 43,680.00	\$ 10,920.00	\$ 10,920.00	\$ 10,920.00	\$ 10,920.00	\$ 43,680.00	\$ 10,920.00	\$ 10,920.00	\$ 10,920.00	\$ 10,920.00	\$ 43,680.00	\$ 111,040.00	\$ -	\$ 111,040.00
Business Analyst	\$ 17,160.00	\$ 17,160.00	\$ 17,160.00	\$ 17,160.00	\$ 68,640.00	\$ 17,160.00	\$ 17,160.00	\$ 17,160.00	\$ 17,160.00	\$ 68,640.00	\$ 17,160.00	\$ 17,160.00	\$ 17,160.00	\$ 17,160.00	\$ 68,640.00	\$ 205,920.00	\$ -	\$ 205,920.00
Admin Services Coordinator	\$ 7,800.00	\$ 7,800.00	\$ 7,800.00	\$ 7,800.00	\$ 31,200.00	\$ 7,800.00	\$ 7,800.00	\$ 7,800.00	\$ 7,800.00	\$ 31,200.00	\$ 7,800.00	\$ 7,800.00	\$ 7,800.00	\$ 7,800.00	\$ 31,200.00	\$ 93,600.00	\$ -	\$ 93,600.00
Total Personnel:																\$ 430,560.00	\$ -	\$ 430,560.00
Fringe																		
Financial Coordinator	\$ 3,822.00	\$ 3,822.00	\$ 3,822.00	\$ 3,822.00	\$ 15,288.00	\$ 3,822.00	\$ 3,822.00	\$ 3,822.00	\$ 3,822.00	\$ 15,288.00	\$ 3,822.00	\$ 3,822.00	\$ 3,822.00	\$ 3,822.00	\$ 15,288.00	\$ 45,864.00	\$ -	\$ 45,864.00
Business Analyst	\$ 6,006.00	\$ 6,006.00	\$ 6,006.00	\$ 6,006.00	\$ 24,024.00	\$ 6,006.00	\$ 6,006.00	\$ 6,006.00	\$ 6,006.00	\$ 24,024.00	\$ 6,006.00	\$ 6,006.00	\$ 6,006.00	\$ 6,006.00	\$ 24,024.00	\$ 72,072.00	\$ -	\$ 72,072.00
Admin Services Coordinator	\$ 2,730.00	\$ 2,730.00	\$ 2,730.00	\$ 2,730.00	\$ 10,920.00	\$ 2,730.00	\$ 2,730.00	\$ 2,730.00	\$ 2,730.00	\$ 10,920.00	\$ 2,730.00	\$ 2,730.00	\$ 2,730.00	\$ 2,730.00	\$ 10,920.00	\$ 32,760.00	\$ -	\$ 32,760.00
Total Fringe:																\$ 150,696.00	\$ -	\$ 150,696.00
Total Personnel & Fringe:																\$ 581,256.00	\$ -	\$ 581,256.00
Travel for State Meetings																		
Annual (1/year)		\$ 30,000.00			\$ 30,000.00		\$ 30,000.00			\$ 30,000.00		\$ 40,000.00			\$ 40,000.00	\$ 100,000.00	\$ -	\$ 100,000.00
Regional (6/year)	\$ 3,000.00	\$ 4,000.00	\$ 2,000.00	\$ 4,000.00	\$ 13,000.00	\$ 3,000.00	\$ 4,000.00	\$ 3,000.00	\$ 4,000.00	\$ 14,000.00	\$ 3,000.00	\$ 4,000.00	\$ 2,000.00	\$ 4,000.00	\$ 13,000.00	\$ 40,000.00	\$ -	\$ 40,000.00
Specials (10/year)	\$ 2,200.00	\$ 1,800.00	\$ 2,200.00	\$ 1,800.00	\$ 8,000.00	\$ 2,200.00	\$ 1,800.00	\$ 2,200.00	\$ 1,800.00	\$ 8,000.00	\$ 2,200.00	\$ 1,800.00	\$ 2,200.00	\$ 1,800.00	\$ 8,000.00	\$ 24,000.00	\$ -	\$ 24,000.00
Individual (10/year)	\$ 400.00	\$ 600.00	\$ 400.00	\$ 600.00	\$ 2,000.00	\$ 400.00	\$ 600.00	\$ 400.00	\$ 600.00	\$ 2,000.00	\$ 400.00	\$ 600.00	\$ 400.00	\$ 600.00	\$ 2,000.00	\$ 6,000.00	\$ -	\$ 6,000.00
Total Travel for State Meetings:																\$ 170,000.00	\$ -	\$ 170,000.00
Travel for Out of State Meetings																		
Federal					\$ -					\$ -					\$ -			\$ -
First Net (2/year)		\$ 6,000.00		\$ 6,000.00	\$ 12,000.00		\$ 6,000.00		\$ 6,000.00	\$ 12,000.00		\$ 6,000.00		\$ 6,000.00	\$ 12,000.00	\$ 36,000.00	\$ -	\$ 36,000.00
Other (2/year)	\$ 6,000.00		\$ 6,000.00		\$ 12,000.00	\$ 6,000.00		\$ 6,000.00		\$ 12,000.00	\$ 6,000.00		\$ 6,000.00		\$ 12,000.00	\$ 36,000.00	\$ -	\$ 36,000.00
Workshops (2/year)		\$ 6,000.00		\$ 6,000.00	\$ 12,000.00		\$ 6,000.00		\$ 6,000.00	\$ 12,000.00		\$ 6,000.00		\$ 6,000.00	\$ 12,000.00	\$ 36,000.00	\$ -	\$ 36,000.00
Regional																		
SW Border (4/year)	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 12,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 12,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 12,000.00	\$ 36,000.00	\$ -	\$ 36,000.00
Regional Coordination Meetings	\$ 1,000.00		\$ 1,000.00		\$ 2,000.00	\$ 1,000.00		\$ 1,000.00		\$ 2,000.00	\$ 1,000.00		\$ 1,000.00		\$ 2,000.00	\$ 6,000.00	\$ -	\$ 6,000.00
Total Travel for Out of State Meetings:																\$ 150,000.00	\$ -	\$ 150,000.00
Total Travel:																\$ 320,000.00	\$ -	\$ 320,000.00
Supplies																		
Computers	\$ 6,000.00	\$ -	\$ -	\$ -	\$ 6,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,000.00	\$ -	\$ 6,000.00
Software	\$ 9,000.00	\$ -	\$ -	\$ -	\$ 9,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,000.00	\$ -	\$ 9,000.00
Office Supplies	\$ 225.00	\$ 225.00	\$ 225.00	\$ 225.00	\$ 900.00	\$ 225.00	\$ 225.00	\$ 225.00	\$ 225.00	\$ 900.00	\$ 225.00	\$ 225.00	\$ 225.00	\$ 225.00	\$ 900.00	\$ 2,700.00	\$ -	\$ 2,700.00
Printing for meetings/conferences	\$ -	\$ 2,775.00	\$ 2,775.00	\$ 2,775.00	\$ 8,325.00	\$ 3,550.00	\$ 2,775.00	\$ 2,775.00	\$ 2,775.00	\$ 11,875.00	\$ 3,775.00	\$ 2,700.00	\$ 2,475.00	\$ 1,775.00	\$ 10,725.00	\$ 30,925.00	\$ -	\$ 30,925.00
Total Supplies:																\$ 48,625.00	\$ -	\$ 48,625.00
Contractual																		
Annual meeting		\$ 40,000.00			\$ 40,000.00		\$ 40,000.00			\$ 40,000.00		\$ 40,000.00			\$ 40,000.00	\$ 120,000.00	\$ -	\$ 120,000.00
Legal	\$ 21,000.00	\$ 21,000.00	\$ 21,000.00	\$ 21,000.00	\$ 84,000.00	\$ 21,000.00	\$ 21,000.00	\$ 21,000.00	\$ 21,000.00	\$ 84,000.00	\$ 21,000.00	\$ 21,000.00	\$ 21,000.00	\$ 21,000.00	\$ 84,000.00	\$ 252,000.00	\$ -	\$ 252,000.00
Capabilities/Needs/Gap Analysis			\$ 474,856.00		\$ 474,856.00					\$ -					\$ -	\$ 474,856.00	\$ -	\$ 474,856.00
Total Contractual:																\$ 846,856.00	\$ -	\$ 846,856.00
Other																		
Phase 2 Activities																		
Contractual Services			\$ 77,849.00	\$ 77,849.00	\$ 155,698.00		\$ 77,849.00	\$ 77,849.00		\$ 155,698.00	\$ 72,423.00	\$ 77,479.00			\$ 149,902.00	\$ 461,298.00	\$ -	\$ 461,298.00
Total Other:																\$ 461,298.00	\$ -	\$ 461,298.00
Indirect Cost																		
Administrative Services	\$ 9,687.00	\$ 9,687.00	\$ 9,687.00	\$ 9,687.00	\$ 38,748.00	\$ 9,687.00	\$ 9,687.00	\$ 9,687.00	\$ 9,687.00	\$ 38,748.00	\$ 9,687.00	\$ 9,687.00	\$ 9,687.00	\$ 9,687.00	\$ 38,748.00	\$ 116,244.00	\$ -	\$ 116,244.00
Total Indirect:																\$ 116,244.00	\$ -	\$ 116,244.00
Grand Totals:																\$ 1,899,423.00	\$ 474,856.00	\$ 2,374,279.00

Budget Narrative for SLIGP

The State of New Mexico is expected to incur the following costs as part of the SLIGP project. The budgeted amounts are aligned with the categories list on the provided SF-424A budget document.

Category A: Personnel

Federal:	\$430,560.00
Non-Federal:	\$0.00
Total:	\$430,560.00

The State of New Mexico will budget \$430,560.00 for personnel salaries for the three year grant period. This amount will be utilized to fill three term positions to support grant activities:

- IT Business Analyst
- Financial Coordinator
- Administrative Services Coordinator

The IT Business Analyst (3 yr. compensation of \$205,920) with the following functional responsibilities: 1) Serve as the key liaison and coordinator between the Statewide Interoperable Communications Working Group members and the SLIGP management team, 2) responsible for gathering, coordinating and documenting SLIGP activities, 3) responsible for participating in project planning, working with the SWIC to conduct needs analysis and project risk assessment, and 4) consult with the Project Manager on how best to support the project from a business perspective. The IT Business Analyst brings business and local political expertise into discussions with the Project Manager to develop strategies for coordinating the diverse characteristics of counties, tribes, and local organizations to make the project successful.

The Financial Coordinator (3 yr. compensation of \$131,040) with the following functional responsibilities: 1) Performs highly responsible technical, professional, and administrative work involving formulation and direction of the overall accounting function of the project, 2) Coordinates all financial activities to include encumbrances, payments, tracking and reporting to meet Department, Agency, State, and Federal reporting requirements, 3) Conducts studies involving budgeting, management, administrative problems for the funding sources, and 4) Serves as an advisor in the evaluation of the financial data as well as serving as a consultant in budget analysis.

Administrative Services Coordinator (3 yr. compensation of \$93,600) with the following functional responsibilities: 1) Prepare handouts and materials to be used at annual, regional, and local meetings, 2) coordinate the printing and distribution of meeting materials, 3) coordinate invitations and reminders for meetings, 4) maintain correspondence and files between the Department and SWIC organizations and members, 5) coordinate requests for travel and per diem for meeting attendees, 6) work closely with the Project Manager, Business Analyst, and SWIC to coordinate meeting arrangements, 7) acts as the Authorized Organization Representative for the Grant.

SLIGP Project Manager – This position will be assigned, and funded, by the Department of Information Technology. The Project Manager will have overall responsibility for the Management and Oversight of project Activities, and will be reporting directly to the Departments Deputy Secretary (and SWIC). Included in these responsibilities are activities to receive approvals by/through the States Project Certification Committee (PCC). The PCC reviews major projects using a “phased” process. This requires periodic reviews of the project at which times they will determine whether or not the project should proceed, and to authorize the release of funds for the project to use. The position is listed here for referential overview to the Supplemental Narrative. The funds to support the project will come directly from the DoIT. No funds from SLIGP will be used to support this positions salary and/or benefits.

No grant funds will be used to support the salaries of either the SWIC or the assigned Project Manager.

Personnel Costs are predicated on 2080 hours per year (full time employee). The following table reflects the pay bands and mid-point salary levels used for the positions:

Position	Pay Band	Hourly Salary
IT Business Analyst	85	\$ 33.00
Financial Coordinator	65	\$ 21.00
Administrative Services Coordinator	50	\$ 15.00

Category B: Fringe Benefits

Federal:	\$150,696.00
Non-Federal:	\$0.00
Total:	\$150,696.00

The State of New Mexico will budget \$150,696 (IT Business Analyst - \$72,072, Financial Coordinator - \$45,864, Administrative Services Coordinator - \$32,760) for fringe benefits associated with the three positions through the 3 year grant period. These benefits include, but are not limited to, health insurance, pension benefits, FICA, unemployment, and any other benefits required by federal and state laws. These amounts are based on a fringe rate of 35% of salary. Please refer to the Fringe Benefit Percentage Calculation memo for how the 35% is computed.

Category C: Travel

Federal:	\$320,000.00
Non-Federal:	\$0.00
Total:	\$320,000.00

The State of New Mexico will budget \$320,000 for travel expenses associated with the project. The State has a current travel rate of \$0.44/mile and a per diem rate of \$85.00/day. High dollar areas have a rate of \$120.00/day. This budget will be utilized as follows:

- The State of New Mexico will hold three annual meetings with all stakeholders at a budgeted total cost of \$100,000 for the three meetings. The meetings will include all federal, state, local and tribal representatives for purpose of providing education and outreach associated with the project. Funds will cover travel and per diem for attendees. Based on historic information, it is expected that attendance will be up to 125 people. The cost breakdown is as follows:
 - 2 days of per diem @ \$85/day
 - 302 miles
 - 110 Attendees
- The State of New Mexico will also hold six regional meetings per year at a budgeted cost of \$40,000. These meetings will be held to provide regional state, local and tribal stakeholder's education and outreach with an emphasis on regional needs and requirements. Funds will cover travel and per diem for two State employees from Santa Fe to attend the meeting. Additional travel for up to 39 attendees (travel = 102 miles @ .44/mile). Based on historic information, it is expected that attendance will be up to 40 people. The cost breakdown is as follows:
 - Santa Fe employees
 - 2 days of per diem @ \$85/day
 - 150 miles @ .44/mile
 - 39 attendees
 - 102 miles @ .44/mile
- The State of New Mexico will budget \$24,000 for travel expenses to hold 10 special meetings per year to accommodate any stakeholders that are unable to participate in the regional meetings due to scheduling conflicts or resource issues. Funds will cover travel and per diem for two State employees from Santa Fe to attend the meeting plus per diem for up to 10 attendees predicated on where they are traveling from. Based on historic information, it is expected that attendance will be up to 10 people (not all will receive travel & per diem). The cost breakdown is as follows:
 - Santa Fe employees
 - 2 days of per diem @ \$85/day
 - 200 miles @ .44/mile
 - 10 attendees
 - 65 miles @ .44/mile
- The State of New Mexico will also budget \$6,000 for 10 individual meetings per year for the purpose of meeting with tribal and local stakeholders to educate and provide outreach to individual stakeholders, paying close attention to their individual needs. Funds will cover travel and per diem for one State employee from Santa Fe to attend the meeting. The cost breakdown is as follows:
 - Santa Fe employee
 - 1 days of per diem @ \$85/day

- 20 miles (POV miles, State vehicle will be used for primary travel)
- 6 Attendees
 - 40 miles @ .44/mile

The total budget for in state travel is \$170,000.

Other travel expenses budgeted for include \$150,000 for out of state travel expenses.

Estimates for the First Net, PSCR and Public Safety meetings are based on the following costs:

- Airfare \$600.00 round trip
- Hotel \$400.00 per night
- Meals \$85.00 per day
- Mileage \$.44/mile avg 189 miles
- Parking \$15.00 per day
- Car rental/gas \$400.00 (1 car per group)

These expenses are identified as follows:

- \$36,000 to attend First Net meetings
 - 2 meetings per year
 - 3 attendees per meeting
- \$36,000 to attend PSCR or other national meetings
 - 2 meetings per year
 - 3 attendees per meeting
- \$36,000 to attend Workshops associated with the Public Safety Broadband Network
 - 2 meetings per year
 - 3 attendees per meeting

Estimates for the SWBC meetings are based on the following costs:

- Airfare \$300.00 round trip
- Hotel \$150.00 per night
- Meals \$65.00 per day
- Mileage \$.44/mile avg 100 miles
- Parking \$15.00 per day
- Car rental/gas \$216.00 (1 car per group)
- \$36,000 to attend Southwest Border Communications Working Group (SWBCWG) meetings,
 - 4 meetings per year
 - 3 attendees per meeting

Estimates for the Regional meetings are based on the following costs:

- Airfare \$400.00 round trip

- Hotel \$200.00 per night
- Meals \$85.00 per day
- Mileage \$.44/mile avg 145 miles
- Parking \$15.00 per day
- Car rental/gas \$315.00 (1 car per group)

- \$6,000 for Regional Coordination Meetings out of state travel expenses. This would include special trips to other states (e.g. Texas) to coordinate activities along/between the border region and/or within the FEMA region. These would be individual meetings with representatives from other border states such as Texas, Arizona, and possibly California to coordinate efforts between those states and the State of New Mexico. Plans are for two attendees and three total trips, each trip would include an overnight stay.

Category D: Equipment

Federal:	\$0.00
Non-Federal:	\$0.00
Total:	\$0.00

No equipment expenses have been identified for this project.

Category E: Supplies

Federal:	\$48,625.00
Non-Federal:	\$0.00
Total:	\$48,625.00

The State of New Mexico will budget will \$48,625 for the three year grant period for the purpose of providing operational needs for associated staff working on the grant. This will include personal computers (3 at approximately \$2,000 each), 5 to 6 different software packages for each computer (e.g. Microsoft Word, Excel, Visio, PowerPoint, MS Project, Adobe Acrobat Pro, etc.) at a cost of about \$500/license, and \$25/month/person to cover standard office supplies. It is estimated that \$30,925 will be used to cover printing cost for Regional and Individual meetings and educational materials. The following is a breakdown of the estimated cost for these materials:

Printed materials for Annual, Regional, and Special meetings:

- 3000 color copies, avg 20 pages per copy, bound - \$12,000

Educational Materials:

- Special maps - \$5,425.00 for Earth Data Analysis Center (EDAC) work to produce + \$3/copy for 3000 copies
- Pamphlets – 3000 copies @ \$1.50/copy

Category F: Contractual

Federal:	\$372,000.00	
Non-Federal:	\$474,856.00	State Cash Match
Total:	\$846,856.00	

The State of New Mexico will budget \$846,856.00 for contractual services during the three year grant period as follows:

\$120,000 will be budgeted to hire an Event Coordinator for coordination of the 3 annual state meetings with stakeholders. This budget will be for organizing and conducting the annual meetings and is based on historical occurrence of \$40,000 per event for the coordinator, 3 annual meetings.

\$252,000 will be budgeted for legal services during the three year grant period for the purpose of drafting MOUs, JPAs and other legal services associated with the grant. This will be a Professional Services contract with a law firm that has expertise in Telecommunications Law and experience in working with the State, NTIA, and other Federal agencies. The amount is based on an estimated 20 hours per month at \$350.00 per hour.

\$474,856 will be budgeted for capabilities and needs assessments, gap analysis and compilation of assets available for network deployment. These funds are the 20% cash match provided by the State of New Mexico via Legislative appropriations. This will be a Professional Services contract with a vendor that has experience in performing these activities. This is based on based on a quote for a **fixed price contract**. Deliverables include Project Management, Technical Support, and the Survey/Assessment activities and report.

Category G: Construction

Federal:	\$0.00
Non-Federal:	\$0.00
Total:	\$0.00

No construction activities have been identified for this grant.

Category H: Other

Federal:	\$461,298.00
Non-Federal:	\$0.00
Total:	\$461,298.00

An additional \$461,298.00 will be budgeted for Other Phase II activities that will be identified from FirstNet and during the planning stage. These will be Professional Services contracts with a vendor that has experience in the identified areas.

Phase 2: The State of New Mexico understands that one half of the Federal funds will be held in reserve until Phase 2 begins.

Category I: Indirect Costs (Administrative Services)

Federal:	\$116,244.00
Non-Federal:	\$0.00
Total:	\$116,244.00

The State of New Mexico will only budget \$166,224 for IT, Financial, and Administrative Services for the three year grant period to cover State assessments for services such as Internet Access, Phones, email accounts, and Enterprise Systems support. The cost is comprised of the following items per year per person:

Program Support Assessment	\$22,486.00
Telecommunications charges	\$3,786.36
HCM charges	\$620.00
<hr/>	
Annual Total (1 person)	\$26,892.36
Annual Total for project (Annual total * 3 people)	\$80,677.08
Project Total (Annual total * 3 people * 3 years)	\$242,031.24

While the overall calculation comes to a total of \$242,031.24 for three people for a three year period, the State is only committing \$116,244.00 of the total. This allows for variance based on position vacancies, staff hiring rates, churn rates, and other annual costs changes.

ASSURANCES - NON-CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee- 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.
19. Will comply with the requirements of Section 106(g) of the Trafficking Victims Protection Act (TVPA) of 2000, as amended (22 U.S.C. 7104) which prohibits grant award recipients or a sub-recipient from (1) Engaging in severe forms of trafficking in persons during the period of time that the award is in effect (2) Procuring a commercial sex act during the period of time that the award is in effect or (3) Using forced labor in the performance of the award or subawards under the award.

<p>* SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL</p> <p>Completed on submission to Grants.gov</p>	<p>* TITLE</p> <p>Secretary, NM Department of Info Technology</p>
<p>* APPLICANT ORGANIZATION</p> <p>Information Technology, New Mexico Department of</p>	<p>* DATE SUBMITTED</p> <p>Completed on submission to Grants.gov</p>

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.

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

*** NAME OF APPLICANT**

Information Technology, New Mexico Department of

*** AWARD NUMBER**

2013-NTIA-SLIGP-01

*** PROJECT NAME**

New Mexico State and Local Implementation Grant Program

Prefix:

* First Name:

Middle Name:

Darryl

* Last Name:

Suffix:

Ackley

* Title: Secretary, NM Department of Info Technology

* SIGNATURE:

Completed by Grants.gov upon submission.

* DATE:

Completed by Grants.gov upon submission.



State of New Mexico

Susana Martinez

Governor

February 26, 2013

Samuel Ginn, Chairman of the Board
First Responder Network Authority
c/o National Telecommunications and Information Administration
United States Department of Commerce
1401 Constitution Avenue, N.W., Suite 4898
Washington, D.C. 20230

Dear Chairman Ginn:

Thank you for your correspondence dated October 25, 2012, regarding the First Responder Network Authority. As I am sure you are aware, New Mexico remains actively involved with the nation-wide effort to improve public safety communications.

In response to your request for a single point of contact to the First Responder Network Authority, I am designating the State Chief Information Officer and Department of Information Technology Cabinet Secretary Darryl Ackley to represent the state's interest on this matter. I have included Secretary Ackley's contact information below:

Darryl Ackley, Cabinet Secretary/State Chief Information Officer
New Mexico Department of Information Technology
715 Alta Vista, Santa Fe, N.M 87505
505-476-3070
darryl.ackley@state.nm.us

New Mexico looks forward to working with the FirstNet Board and with the Department of Commerce to advance the state of Interoperable Public Safety Communications.

Sincerely,

A handwritten signature in black ink, appearing to read "SMartinez", with a stylized flourish at the end.

Susana Martinez
Governor