

Application for Federal Assistance SF-424		
* 1. Type of Submission: <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application	* 2. Type of Application: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision	* If Revision, select appropriate letter(s): <input type="text"/> * Other (Specify): <input type="text"/>
* 3. Date Received: <input type="text" value="12/20/2017"/>	4. Applicant Identifier: <input type="text"/>	
5a. Federal Entity Identifier: <input type="text"/>	5b. Federal Award Identifier: <input type="text"/>	
<b>State Use Only:</b>		
6. Date Received by State: <input type="text" value="12/20/2017"/>	7. State Application Identifier: <input type="text"/>	
<b>8. APPLICANT INFORMATION:</b>		
* a. Legal Name: <input type="text" value="Texas Department of Public Safety"/>		
* b. Employer/Taxpayer Identification Number (EIN/TIN): <input type="text" value="74-6000130"/>	* c. Organizational DUNS: <input type="text" value="8067822720000"/>	
<b>d. Address:</b>		
* Street1:	<input type="text" value="5805 N Lamar"/>	
Street2:	<input type="text"/>	
* City:	<input type="text" value="Austin"/>	
County/Parish:	<input type="text" value="Travis"/>	
* State:	<input type="text" value="TX: Texas"/>	
Province:	<input type="text"/>	
* Country:	<input type="text" value="USA: UNITED STATES"/>	
* Zip / Postal Code:	<input type="text" value="78752-4422"/>	
<b>e. Organizational Unit:</b>		
Department Name: <input type="text"/>	Division Name: <input type="text"/>	
<b>f. Name and contact information of person to be contacted on matters involving this application:</b>		
Prefix: <input type="text" value="Mr."/>	* First Name:	<input type="text" value="Todd"/>
Middle Name:	<input type="text"/>	
* Last Name:	<input type="text" value="Early"/>	
Suffix:	<input type="text"/>	
Title:	<input type="text" value="Assistant Division Director-Public Safety Com"/>	
Organizational Affiliation: <input type="text"/>		
* Telephone Number: <input type="text" value="512-424-2121"/>	Fax Number: <input type="text" value="512-424-5320"/>	
* Email:	<input type="text" value="todd.early@dps.texas.gov"/>	

**Application for Federal Assistance SF-424**

**\* 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:**

2018-NTIA-SLIGP-2

\* Title:

State and Local Implementation Grant Program (SLIGP) 2.0

**13. Competition Identification Number:**

2018-NTIA-SLIGP-2

Title:

State and Local Implementation Grant Program (SLIGP) 2.0

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

1234-SLIGP 2 Texas Areas Affected.docx

Add Attachment

Delete Attachment

View Attachment

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

Texas Public Safety Broadband Program

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

**Application for Federal Assistance SF-424**

**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="1,200,000.00"/>
* b. Applicant	<input type="text" value="0.00"/>
* c. State	<input type="text" value="300,000.00"/>
* 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="1,500,000.00"/>

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

a. This application was made available to the State under the Executive Order 12372 Process for review on

b. Program is subject to E.O. 12372 but has not been selected by the State for review.

c. Program is not covered by E.O. 12372.

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

Yes  No

If "Yes", provide explanation and attach

Add Attachment

Delete Attachment

View Attachment

**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:

**BUDGET INFORMATION - Non-Construction Programs**

OMB Number: 4040-0006  
Expiration Date: 01/31/2019

**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	11.549	\$	\$	\$ 1,199,998.00	\$ 300,021.67	\$ 1,500,019.67
2.						
3.						
4.						
<b>5. Totals</b>		\$	\$	\$ 1,199,998.00	\$ 300,021.67	\$ 1,500,019.67

**SECTION B - BUDGET CATEGORIES**

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1) SLIGP	(2)	(3)	(4)	
<b>a. Personnel</b>	\$ 316,224.00	\$ 193,887.60	\$	\$	\$ 510,111.60
<b>b. Fringe Benefits</b>	94,045.02	57,662.17			151,707.19
<b>c. Travel</b>	180,400.00	0.00			180,400.00
<b>d. Equipment</b>	0.00	0.00			
<b>e. Supplies</b>	598.98	0.00			598.98
<b>f. Contractual</b>	556,000.00	0.00			556,000.00
<b>g. Construction</b>	0.00	0.00			
<b>h. Other</b>	52,730.00	0.00			52,730.00
<b>i. Total Direct Charges (sum of 6a-6h)</b>	1,199,998.00	251,549.77			\$ 1,451,547.77
<b>j. Indirect Charges</b>		48,471.90			\$ 48,471.90
<b>k. TOTALS (sum of 6i and 6j)</b>	\$ 1,199,998.00	\$ 300,021.67	\$	\$	\$ 1,500,019.67
<b>7. Program Income</b>	\$	\$	\$	\$	\$

**SECTION C - NON-FEDERAL RESOURCES**

(a) Grant Program		(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8.	SLIGP	\$ <input type="text"/>	\$ 175,000.00	\$ <input type="text"/>	\$ 175,000.00
9.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
10.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
11.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
12. TOTAL (sum of lines 8-11)		\$ <input type="text"/>	\$ 175,000.00	\$ <input type="text"/>	\$ 175,000.00

**SECTION D - FORECASTED CASH NEEDS**

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ <input type="text"/>				
14. Non-Federal	\$ <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
15. TOTAL (sum of lines 13 and 14)	\$ <input type="text"/>				

**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	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
17.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
18.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
19.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
20. TOTAL (sum of lines 16 - 19)	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>

**SECTION F - OTHER BUDGET INFORMATION**

21. Direct Charges: <input type="text" value="1,451,547.77"/>	22. Indirect Charges: <input type="text" value="48,471.90"/>
23. Remarks: <input type="text"/>	

## **A. State of Texas Accomplishments during SLIGP 1.0**

The Texas Public Safety Broadband Program (TxPSBP) was very active in outreach, education, and data collection efforts around the state during SLIGP 1.0. Through the 17<sup>th</sup> Quarter of SLIGP 1.0, TxPSBP has engaged over 25,000 public safety stakeholders at hundreds of meetings, workshops, and conferences. The team created a website, educational videos, and an online learning course that provided continuing education credit for first responders.

The team also made a considerable push to aid in data collection efforts to better inform the development of the Nationwide Public Safety Broadband Network (NPSBN). TxPSBP obtained nearly 1,200 responses to its Mobile Data Survey, and held 26 in-depth coverage workshops with the Councils of Government (COGs) and Tribes around the state. During this time, TxPSBP was also providing support to Harris County LTE's Early Builder program, and participating in numerous national-level policy discussions for the NPSBN.

## **B. Texas Public Safety Broadband Program Goals for SLIGP 2.0**

TxPSBP intends to continue its proactive approach during SLIGP 2.0. The team believes that an extensive outreach effort will lead to faster user adoption of FirstNet, as well as the identification of high impact applications. The importance of developing data-sharing policies and procedures will also lead to a smoother adoption of the network. This outreach effort will be coordinated with FirstNet. Overall TxPSBP goals for SLIGP 2.0 include:

1. Maintain statewide outreach efforts in conjunction with FirstNet staff and messaging.
2. Actively participate in state and national-level NPSBN policy development on key topics such as but not limited to data interoperability and identity credentialing and access management.
3. Ensure that network features and coverage continues to meet stakeholder needs in the state
4. Refresh the TxPSBP website to highlight new NPBSN developments in accordance with SLIGP 2.0 allowable activities.

## **C. Texas Public Safety Broadband Program Proposed Allowable Activities**

- 1. Single Officer and staff to, at a minimum, provide for ongoing coordination with NTIA and implementation of grant funds.**

The Governor of Texas has appointed Todd Early as the Single Officer through the Letter of State Designation. Mr. Early and associated staff at the Texas Department of Public Safety and the TxPSBP will maintain frequent communication and coordination with NTIA. The team will also continue to have a coordinator to serve as grant management support, including day-to-day tasks such as reviewing expenditures for allowability, compliance, preparing progress reports, contract management, and reviewing supporting documentation for the drawdown of funds. TxPSBP will occasionally offer invitational travel funding to subject matter experts for participation listed below in the allowable activities.

**Objective(s):** Maintain thorough, accurate records in full compliance with the grant rules.

**2. Existing governance body to provide input to the single officer and to contribute towards planning activities to further identify potential public safety users of the NPSBN and prepare for data sharing.**

The Texas Interoperability Communications Coalition (TxICC) is the governance body for the TxPSBP and interoperable communications<sup>1</sup>. It consists of a volunteer group of Texas government stakeholders and the TxICC's 30 member executive voting council (see Figure 1, below). TxPSBP will engage with the TxICC on matters of policy, planning, and governance, as they relate to the NPSBN.

The TxPSBP may also establish strategic advisory groups to address specific governance topics, such as, but not limited to data sharing or local control on the NPSBN. These groups consist of subject matter experts appointed by the Single Officer, as well as volunteers from the broader TxICC membership.

**Objective(s):** Convene state governance body meetings on a quarterly basis, with additional meetings to address emerging topics, as requested. Meetings can be held electronically, or in person.

---

<sup>1</sup> <https://www.dps.texas.gov/LawEnforcementSupport/communications/interop/txicc/index.htm>

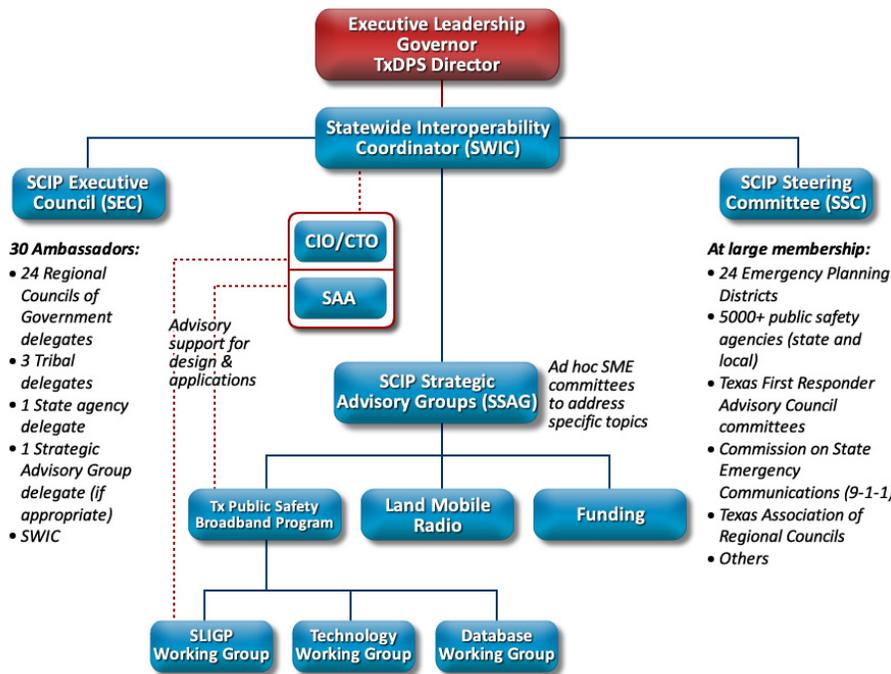


Figure 1: Texas Interoperable Communications Coalition (TxICC) structure

**3. Data Collection in specific areas identified to be helpful as requested by FirstNet.**

TxPSBP intends to assist with data collection requests from FirstNet. Some anticipated topics could include, but are not limited to:

- a. Public safety coverage needs
- b. Surveys of public safety application usage/needs
- c. Public safety tower locations and/or owner contact information.

TxPSBP has leveraged the participation of the three Tribal Nations and the 24 regional councils of government (see Figure 2, below) to expand its outreach footprint during SLIGP 1.0 data collection efforts. TxPSBP will continue this approach, in conjunction with both its field outreach staff and the TxICC, as appropriate, during any future data collection efforts.

**Objective(s):** Provide comprehensive, accurate, and timely state data to FirstNet on requested topics.

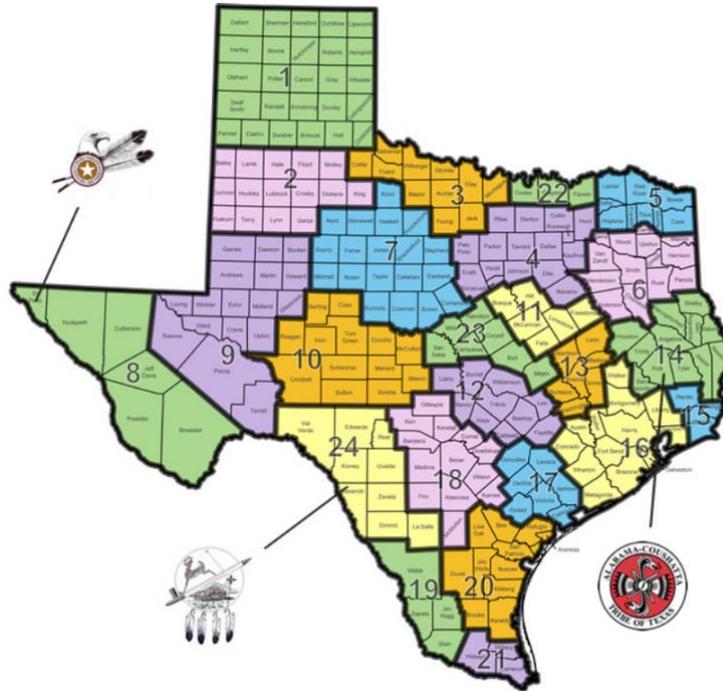


Figure 2: Texas Tribal Nations and Regional Councils of Government

**4. Development of policies and agreements to increase sharing of data between existing public safety systems across various agencies within the State or territory using NPSBN.**

TxPSBP intends to continue participating in both national and state-level discussions of public safety data sharing, particularly as it relates to the growth of a nationwide identity credentialing and access management (ICAM) framework. Where needed, TxPSBP may leverage strategic advisory groups to assist with policy issues related to data sharing over the NPSBN.

**Objective(s):** Produce policy guidelines promoting data sharing/interoperability. The TxPSBP will incorporate these guidelines into future updates of the Statewide Communications Interoperability Plan.

**5. Individuals, such as the single officer and governing body members, to perform planning activities to help FirstNet and its partner further identify potential public safety users of the NPSBN.**

TxPSBP personnel will continue to be available to assist with one-on-one stakeholder meetings, regional and local town halls, and conferences. TxPSBP staff will ensure FirstNet approval on presentation content.

**Objective(s):** Provide education and outreach services to every region of the state, if requested by FirstNet.

**6. Planning efforts to help FirstNet gain inclusion on applicable statewide contract vehicles.**

FirstNet has already completed a contract with the Texas Department of Information Resources (DIR)<sup>2</sup>, which can currently be leveraged by public safety entities statewide. TxPSBP can help organize future planning support, should further assistance be needed.

**Objective(s):** TxPSBP can help organize future planning support if needed, but does not anticipate statewide contract vehicle efforts during SLIGP 2.0.

**7. Planning activities to prepare for emergency communications technology transitions.**

TxPSBP will continue to participate in discussions and demonstrations concerning the use of NPSBN for technology transitions. If needed and beneficial to FirstNet, the team intends to participate in national working groups and form state/local working groups on topics that may include, but are not limited to:

- a. The integration of Mission Critical Push to Talk (MCPTT) over LTE with existing land mobile radio systems
- b. The integration of public safety broadband with Next Generation 9-1-1 efforts
- c. The integration of unmanned aircraft systems into the NPSBN
- d. Public safety Internet of Things
- e. Wearable sensors for first responders (e.g., body worn video, vital signs monitoring devices)
- f. Identity credentialing and access management (ICAM)
- g. The use of streaming video over the NPSBN

---

<sup>2</sup> DIR-TSO-3420, <http://dir.texas.gov>

- h. Border security sensors, such as the joint agency Drawbridge program<sup>3</sup>
- i. Broadband responsibilities in the Communications Unit (COMU), particularly issues of local control and quality of service, priority, and preemption management.

**Objective(s):** Maintain a list of key considerations, standard operating procedures, and best practices on the TxPSBP website, <http://www.txlte.com>, in accordance with SLIGP 2.0 allowable activities. Facilitate and participate in useful discussions that influence the development of public safety communications technology and policy.

#### **8. Activities to identify and plan for the transition of public safety applications, software and databases.**

The TxPSBP team intends to use its staff to help identify best practices and use cases for different public safety applications, software, and databases. TxPSBP will be holding meetings, and participating in conferences with stakeholders to learn about application uses in the state. TxPSBP will use its website to help capture and highlight best practices in accordance with SLIGP 2.0 allowable activities. The team will also engage in planning activities at the Texas Department of Public Safety (DPS) as they transition to the use of Public Safety Broadband.

**Objective(s):** Utilize the TxPSBP website to help highlight key considerations for PSBN-related transitions. Utilize Texas DPS use cases to provide examples and challenges of technology integration.

#### **9. Identifying and documenting on-going coverage needs/gaps within the State.**

TxPSBP intends to use its team to document information on coverage needs/gaps across the state as a part of ongoing outreach efforts. TxPSBP will follow established processes for documenting coverage gaps, and will facilitate documentation efforts by other public safety entities in the state. With more than 2600 patrol units on the roadways today, TxPSBP can also coordinate the use of Texas Highway Patrol in-car computer terminals as passive collectors of coverage gaps across the state.

Additionally, TxPSBP may use applications to document coverage gaps or seek to

---

<sup>3</sup> <https://www.dps.texas.gov/PublicInformation/operDrawbrdg.htm>

acquire drive testing equipment/software or services to verify coverage as FirstNet completes its radio access network deployment phases.

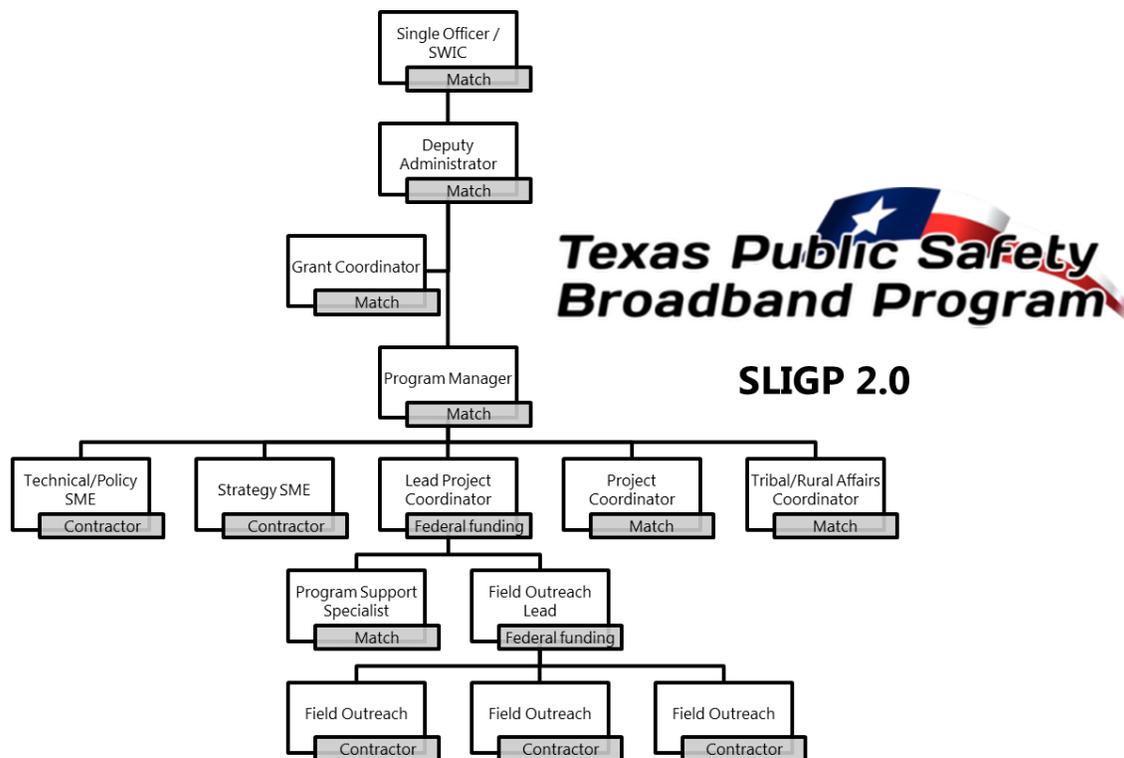
**Objective(s):** Quickly identify and document areas where FirstNet coverage is not meeting the needs of the public safety community in the state.

**10. Activities to convene stakeholder outreach events to continue planning for NPSBN implementation, as requested by FirstNet.**

As needed, TxPSBP will assist in coordinating in-person TxICC/SEC meetings, statewide conference events, regional committee meetings, as well as necessary strategic advisory groups.

**Objective(s):** Facilitate meetings as requested that achieve a large and representative turnout of public safety stakeholders.

**D. Program Organization**



**E. Personnel Qualifications:**

- **Single Officer/Statewide Interoperability Coordinator (SWIC):** 24+ years' experience in Public Safety Communications operations, designing, building, updating and maintaining statewide (260,000+ square miles) state agency communications systems; assumed SWIC duties 2011. Has oversight of 26 public safety communications facilities, 11 radio shops and the state's deployable communications response teams.
- **Deputy Administrator:** Over 20 years' experience in public safety communications at the local and state levels. Has oversight of the Texas Public Safety Broadband Program and radio frequency technical services, as well as involvement in the SWIC office.
- **Grant Coordinator:** Two years' experience in completing documents and reports as required by the SLIGP 1.0 grant, monitoring and guiding budgets, creating and maintaining relevant resources used in grant-funding applications.
- **Program Manager/Deputy SWIC:** 35 years' experience in engineering and project management, with 11 years in public safety technology project management for the National Institute of Justice and Texas DPS. Earned Project Management Professional certification in 2007, and assumed the Deputy SWIC position in 2014.
- **Technical/Policy Subject Matter Expert:** System design engineer with 29 years in telecommunications, 21 years in mission critical communications and 13 years in senior advisory roles for public safety broadband projects. Specializing in interoperable PS broadband strategies since 2007, experience includes 15 years in senior leadership positions for global mission critical systems portfolio responsible for technologies and products used by US first responders every day.
- **Strategy Subject Matter Expert:** 15 years of experience in governance, stakeholder engagement, outreach and education related to local, state, and federal PS communications projects, including project management, the facilitation of complex negotiations with PS stakeholders, and the development of numerous strategic plans, recommendations, and PS policy.
- **Lead Project Coordinator:** Six years' experience in program support for public safety technology initiatives, including liaison with other agencies and disciplines, policy development, and procurement efforts.
- **Project Coordinator:** Seven years' experience in sales focusing on two-way radio and security products. Assumed supporting duties for the SWIC in 2015, including

overseeing the implementation of the Statewide Channel Implementation Plan (SCIP), coordinating tasks and events for the Texas Interoperable Communications Coalition (TxICC) and SCIP Executive Council, and working with Public Safety Broadband related activities.

- **Tribal / Rural Affairs Coordinator:** 20+ years telecommunications experience; 15+ years supervisory and management positions in communications and law enforcement support functions; assumed Outreach and Education Tribal Liaison duties in 2013.
- **Program Support Specialist:** 10+ years of experience providing technical support services, including audio-video support, web design, GIS analysis, and program analytics.
- **Field Outreach Lead:** Over 20 years' experience in the first responder community as a former law enforcement officer, an emergency medical technician, and an emergency management professional. Specializes in developing and delivering presentations to public safety groups.
- **Field Outreach Team:** Combined decades of experience in the core NPSBN first responder disciplines of law enforcement, fire, emergency medical, emergency management, and public safety communications. The team has extensive experience drafting outreach materials, and delivering effective presentations to first responders. This team stands ready to continue its outreach efforts in coordination with FirstNet, as well as to continue collecting stakeholder feedback and data, as requested.

## **F. Capacity to Manage and Conduct Programmatic Activities:**

The staff of TxPSBP has a demonstrated capacity to manage communications activities of a similar scope, including:

- Managing the Statewide Communications Interoperability Plan (SCIP) covering 5,000+ agencies
- Deploying a statewide database query system for Highway Patrol vehicles using commercial cellular networks
- Filing special temporary authority requests with the FCC to operate Harris County's PSBN network from 2012-2014

- Successfully executing a Spectrum Manager Lease Agreement with FirstNet for the operation of the PSBN network in Harris and Brazos Counties
- Southwest Border operations, including live-video downlinks from mission support and surveillance aircraft
- Managing numerous Project 25 deployments statewide in both urban and rural areas
- Having a key partner, Harris County, that has built, manages and operates a world-class PS radio system, the Texas Wide Area Radio Network (TxWARN). This P25 trunked system supports 80,000 units for 1200+ agencies. HC ITC supports a large companion network of E9-1-1 PSAPs and Dispatch Centers, as well as the Harris County LTE Early Builder Project.
- Successfully completing extensive stakeholder engagements, material distribution and data collection efforts and a total of 17 Performance Progress Reports for NTIA, as required, in a timely manner for SLIGP 1.0.

**PERSONNEL:**

	<b>Total</b>	<b>Increment 1</b>	<b>Increment 2</b>
<b>Federal:</b>	<b>\$ 316,224.00</b>	<b>\$ 111,996.11</b>	<b>\$ 204,227.89</b>
<b>Non-Federal:</b>	<b>\$ 193,887.60</b>	<b>\$ 68,668.59</b>	<b>\$ 125,219.01</b>
<b>Total:</b>	<b>\$ 510,111.60</b>	<b>\$ 180,664.70</b>	<b>\$ 329,446.90</b>

See the Detailed Budget for calculations. The total personnel budgeted cost is only for the duties associated with the public safety broadband SLIGP grant program, not the additional land mobile radio and general interoperable communication duties of the Texas SWIC and/or any DPS FTE. Non-federal cost will be provided as an in-kind match. The source of this match is the state’s general fund and is not from another federal source.

1. Single Officer / SWIC (Non-Federal): The SWIC will provide oversight for the SLIGP grant, ensuring that all activities are completed on time and within budget. The SWIC will be the primary point of contact for consultation with FirstNet and work with the governance structure evaluating the program. The budgeted cost for 208 hours over 2 years is \$16,841.76
2. Program Manager (Non-Federal): Program Manager FTE will provide scope and direction for the individual projects within the Texas PSBP including strategy, timeline development, data collection, and assist with state, Tribal and political stakeholder education. The budgeted cost for 1,928 hours over 2 years is \$88,688.00
3. Project Coordinator (Non-Federal): This FTE will work various hours throughout SLIGP. The Project Coordinator will coordinate statewide Governance meetings and webinars for the state and 24 regions; coordinate regional meetings between the SMEs and regions; provide status updates to the Program Manager and SWIC; oversee production and distribution of education and outreach materials. Budgeted cost for 950 hours over 2 years is \$30,875.00
4. Grant Coordinator (Non-Federal): FTE hours will be grant management support, including day to day grant management tasks such as reviewing expenditures for allowability and compliance and preparing progress reports, reconciliation of grant activity between the grant management and accounting systems, and serve as a liaison with the finance department to review supporting documentation for drawdown of funds. Budgeted cost for 950 hours over 2 years is \$22,800.00
5. Program Support Specialist (Non-Federal): The Program Support Specialist will develop materials for and manage audio/video needs at conferences, webinars, and other meetings; develop web-sites and videos for outreach, education, and training for more than 8000 public safety entities; and, facilitate the distribution of newsflashes and program communications. Budgeted cost for 1,160 hours over 2 years is \$34,682.84
6. Lead Project Coordinator/Field Outreach Lead (Federal): These FTE will analyze and coordinate the response to various FirstNet, AT&T, and other relevant detailed/ technical materials for the State of Texas, provide assistance to the Education and Outreach staff to develop outreach materials, and lead data collection efforts. Budgeted cost for 7,738 hours over 2 years is \$301,782.00
7. DPS Grant Accountant: The Grant Accountant will spend 498 hours on SLIGP grant activities. The Grant Accountant’s hourly rate is \$29. Duties include drawdown of funds, processing expenditures, and assisting in quarterly financial reporting. Budgeted cost over 2 years is \$14,442.00

**FRINGE BENEFITS:**

	<b>Total</b>	<b>Increment 1</b>	<b>Increment 2</b>
<b>Federal:</b>	<b>\$ 94,045.02</b>	<b>\$ 33,307.64</b>	<b>\$ 60,737.38</b>
<b>Non-Federal:</b>	<b>\$ 57,662.17</b>	<b>\$ 20,422.04</b>	<b>\$ 37,240.13</b>
<b>Total:</b>	<b>\$ 151,707.19</b>	<b>\$ 53,729.68</b>	<b>\$ 97,977.51</b>

See the Detailed Budget for calculations. Fringe benefits include FICA, health insurance, unemployment, and retirement. The cost is calculated at 29.74% of salary spent on SLIGP activities. Program Manager Non-Federal cost amount is capped at funds needed for in-kind match.

1. SWIC: Non-Federal = \$5,008.74
2. Program Manager: Non-Federal = \$26,375.81

- 3. Project Coordinator: Non-Federal = \$9,182.23
- 4. Grant Coordinator: Non-Federal = \$6,788.72
- 5. Program Support Specialist: Non-Federal = \$10,314.68
- 6. Lead Project Coordinator/Field Outreach Lead: Federal = \$89,749.97
- 7. DPS Grant Accountant: Federal = \$4,295.05

**TRAVEL:**

	Total	Increment 1	Increment 2
<b>Federal:</b>	<b>\$ 180,400.00</b>	<b>\$ 58,900.00</b>	<b>\$ 121,500.00</b>
<b>Non-Federal:</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>
<b>Total:</b>	<b>\$ 180,400.00</b>	<b>\$ 58,900.00</b>	<b>\$ 121,500.00</b>

See the Detailed Budget for calculations. All costs and travel time-lines are best estimates and may require various adjustments. Included below, but not limited to, are SLIGP travel costs by trip.

- 1. SLIGP In-State Travel, Avg. 2 Nights (Federal): 220 trips; hotel est. \$93/night x 2 nights = \$186; per-diem: \$51/day x 3 days = \$153; mileage/ airfare est. \$361; est. cost/trip \$700; federal cost: 220 trips = \$154,000.
- 2. SLIGP Out-of- State National Conferences (Federal): FN Consultation Invitational travel, workshops/meetings: 24 trips; std. trip avg. 3 nights; hotel est. \$150/night x 3 nights = \$450; per-diem est. \$59 \* 4 days \$236; airfare est. \$414; est. cost/trip \$1,100; federal cost: 24 trips = \$26,400.

**EQUIPMENT: N/A**

**SUPPLIES:**

	Total	Increment 1	Increment 2
<b>Federal:</b>	<b>\$ 598.98</b>	<b>\$ 479.99</b>	<b>\$ 118.99</b>
<b>Non-Federal:</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>
<b>Total:</b>	<b>\$ 598.98</b>	<b>\$ 479.99</b>	<b>\$ 118.99</b>

See the Detailed Budget for quantities and itemized costs. Each individual item costs less than \$5,000. All SLIGP supplies will be used for, but not limited to, the development and production of educational, outreach and training materials; and facilitation of conferences and regional working group meetings in each of the 24 regions, UASI areas, and major metropolitan areas associated with this program. Justification for purchase was confirmed with rental cost of items for multiple meetings being approximately the same as the purchase cost of the items.

- 1. General presentation aids (Federal): including but not limited to tablets, software, computer items, cables, tools, tape, flip charts, markers, name tags, notebooks, binders, educational materials, video conference hardware, and large format displays; total of \$199.98.
- 2. Printing (Federal): As part of the education and outreach program, fliers, brochures, and other materials will be printed to provide information on the PSBN and how it can be used by various public safety entities. Copies will be distributed at state, local, regional, and political meetings, conferences, and public safety seminars = \$399.00

**CONTRACTUAL:**

	Total	Increment 1	Increment 2
<b>Federal:</b>	<b>\$ 556,000.00</b>	<b>\$ 192,200.00</b>	<b>\$ 363,800.00</b>
<b>Non-Federal:</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>
<b>Total:</b>	<b>\$ 556,000.00</b>	<b>\$ 192,200.00</b>	<b>\$ 363,800.00</b>

See the Detailed Budget for calculations. Contractual costs are based on current advertised rates for established qualifications and experience. Contractor hours will be flexible to successfully complete prioritized E & O tasks. Budgeted cost is for 5,560 hours at an average hourly rate of \$100; total cost of \$556,000.

1. Technology/Policy and Strategy SMEs (Federal): SMEs will provide detailed plans which deal with design elements, the structure and mechanism of the individual projects; focused on operational:
  - Development of a data collection and capacity planning strategy framework
  - Preparation for LTE-related technology transitions
  - Developing standard operating procedures for data-sharing
  - Drafting policy and governance material for adoption by the state governance body
  - Development of education and outreach (including training) materials
  - Development of tools for documenting coverage needs/gaps
  - Development of user “how to” templates for decision making and development of LTE in their jurisdictions
  - Coordination of other data collection and SLIGP related activities
2. Field Outreach Coordinators (Federal): These contractors will be responsible for outreach and education planning; regional contact matrix development and tracking; private industry contact matrix development and tracking; regional coordination; participation in data collection efforts; and gathering stakeholder feedback.

**CONSTRUCTION: N/A**

**OTHER:**

	Total	Increment 1	Increment 2
<b>Federal:</b>	<b>\$ 52,730.00</b>	<b>\$ 28,115.00</b>	<b>\$ 24,615.00</b>
<b>Non-Federal:</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>
<b>Total:</b>	<b>\$ 52,730.00</b>	<b>\$ 28,115.00</b>	<b>\$ 24,615.00</b>

See the Detailed Budget for calculations.

1. Web hosting, social media and domain registration fees (Federal): Subscriptions for, but not limited to website hosting fees, social media management software, and domain name registrations = \$450 x 2yrs = \$900.00
2. Software to identify and document coverage gaps. Total cost during Increment 1 = \$2,500.00
3. Constant Contact (Federal): This service will provide on-line email outreach and education, event management, survey and tracking capabilities. A primary focus for this service is the development of the network user base; (cloud-based contact management service) email, on-line survey, event management = \$43,330.00
4. National, Regional, State and Local Conferences (Federal): Registration fees / location venue expenses for, but not limited to: FN Consultation workshops, IWCE, APCO, TX Police Chiefs Assoc., TX Assoc. of Regional Councils, TX EMS Conference, IT Services. = \$6,000.00

**TOTAL DIRECT CHARGES:**

	Total	Increment 1	Increment 2
<b>Federal:</b>	<b>\$ 1,199,998.00</b>	<b>\$ 424,998.74</b>	<b>\$ 774,999.26</b>
<b>Non-Federal:</b>	<b>\$ 251,549.77</b>	<b>\$ 89,090.63</b>	<b>\$ 162,459.14</b>
<b>Total:</b>	<b>\$ 1,451,547.77</b>	<b>\$ 514,089.37</b>	<b>\$ 937,458.40</b>

This provides the sums of the six categories: Personnel, Fringe Benefits, Travel, Supplies, Contractual, and Other.

**TOTAL INDIRECT CHARGES:**

	Total	Increment 1	Increment 2
<b>Federal:</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>

<b>Non-Federal:</b>	<b>\$ 48,471.90</b>	<b>\$ 17,167.15</b>	<b>\$ 31,304.75</b>
<b>Total:</b>	<b>\$ 48,471.90</b>	<b>\$ 17,167.15</b>	<b>\$ 31,304.75</b>

Indirect costs are supported by Texas DPS overhead costs for basic operational functions. The total indirect costs for this proposal will be 25% of the Personnel budget. This application includes a copy of indirect cost rate agreement. These costs will be submitted as in-kind services toward the required match.

<b>TOTALS:</b>		<b>Increment 1</b>	<b>Increment 2</b>	
<b>Federal:</b>	<b>\$ 1,199,998.00</b>	<b>\$ 424,998.74</b>	<b>\$ 774,999.26</b>	
<b>Non-Federal:</b>	<b>\$ 300,021.67*</b>	<b>\$ 106,257.78</b>	<b>\$ 193,763.90</b>	
<b>Total:</b>	<b>\$ 1,500,019.67*</b>	<b>\$ 530,120.51</b>	<b>\$ 969,899.16</b>	<i>*rounding error</i>

SLIGP 2.0 Detailed Budget Spreadsheet Increments 1 & 2

SLIGP 2.0 Phase 1 Detailed Budget Spreadsheet Increment 1

SLIGP 2.0 Phase 2 Detailed Budget Spreadsheet Increment 2

Category	Detailed Description of Budget (for full grant period)		
	Quantity	Unit Cost	Total Cost
a. Personnel			
Single Officer/SWIC The SWIC will spend 208 hrs. on SLIGP 2.0 grant activities. The SWIC's hourly rate is \$80.97 x 208 hrs = \$16,841.76	208	\$80.97	\$16,841.76
Program Manager Program Mgr will spend 1,928 hrs on SLIGP 2.0 grant activities. The current maximum hourly rate is \$46.00 x 1,928 hours = \$88,688.00	1,928	\$46.00	\$88,688.00
Project Coordinator Project Coordinator will spend 950 hrs on SLIGP 2.0 grant activities. The current maximum hourly rate is \$32.50 x 950 hours = \$30,875.00.	950	\$32.50	\$30,875.00
Grant Coordinator Grant Coordinator will spend 950 hrs on SLIGP 2.0 grant activities. The current maximum hourly rate is \$24.00 x 950 hours = \$22,800.00	950	\$24.00	\$22,800.00
Program Support Specialist Program Support Specialist will spend 1160 hrs on SLIGP 2.0 grant activities. The current maximum hourly rate is \$29.90 x 1160 hours = \$34,682.84	1,160	\$29.90	\$34,682.84

Breakdown of Costs		Category	Detailed Description of Budget (for full grant period)		
Federal	Non-Federal		Quantity	Unit Cost	Total Cost
\$0.00	\$16,841.76	a. Personnel			
		Single Officer/SWIC The SWIC will spend 74 hrs. on SLIGP 2.0 Phase 1 grant activities. The SWIC's hourly rate is \$80.97 x 74 hrs = \$5,964.80	74	\$80.97	\$5,964.80
		Program Manager Program Mgr will spend 683 hrs on SLIGP 2.0 Phase 1 Phase 1 grant activities. The current maximum hourly rate is \$46.00 x 683 hours = \$31,410.36	683	\$46.00	\$31,410.36
		Project Coordinator Project Coordinator will spend 336 hrs on SLIGP 2.0 Phase 1 grant activities. The current maximum hourly rate is \$32.50 x 336 hours = \$10,934.91	336	\$32.50	\$10,934.91
		Grant Coordinator Grant Coordinator will spend 336 hrs on SLIGP 2.0 Phase 1 grant activities. The current maximum hourly rate is \$24.00 x 336 hours = \$8,075.01.	336	\$24.00	\$8,075.01
		Program Support Specialist Program Support Specialist will spend 411 hrs on SLIGP 2.0 Phase 1 grant activities. The current maximum hourly rate is \$29.90 x 411 hours = \$12,283.52	411	\$29.90	\$12,283.52

Breakdown of Costs		Category	Detailed Description of Budget (for full grant period)		
Federal	Non-Federal		Quantity	Unit Cost	Total Cost
\$0.00	\$5,964.80	a. Personnel			
		Single Officer/SWIC The SWIC will spend 134 hrs. on SLIGP 2.0 Phase 2 grant activities. The SWIC's hourly rate is \$80.97 x 134 hrs = \$10,876.96	134	\$80.97	\$10,876.96
		Program Manager Program Mgr will spend 1,245 hrs on SLIGP 2.0 Phase 2 Phase 2 grant activities. The current maximum hourly rate is \$46.00 x 1,245 hours = \$57,277.64	1,245	\$46.00	\$57,277.64
		Project Coordinator Project Coordinator will spend 614 hrs on SLIGP 2.0 Phase 2 grant activities. The current maximum hourly rate is \$32.50 x 614 hours = \$19,940.09.	614	\$32.50	\$19,940.09
		Grant Coordinator Grant Coordinator will spend 614 hrs on SLIGP 2.0 Phase 2 grant activities. The current maximum hourly rate is \$24.00 x 614 hours = \$14,724.99.	614	\$24.00	\$14,724.99
		Program Support Specialist Program Support Specialist will spend 749 hrs on SLIGP 2.0 Phase 2 grant activities. The current maximum hourly rate is \$29.90 x 749 hours = \$22,399.32.	749	\$29.90	\$22,399.32

Breakdown of Costs		Category	Detailed Description of Budget (for full grant period)		
Federal	Non-Federal		Quantity	Unit Cost	Total Cost
\$0.00	\$10,876.96	a. Personnel			
		Single Officer/SWIC The SWIC will spend 134 hrs. on SLIGP 2.0 Phase 2 grant activities. The SWIC's hourly rate is \$80.97 x 134 hrs = \$10,876.96	134	\$80.97	\$10,876.96
		Program Manager Program Mgr will spend 1,245 hrs on SLIGP 2.0 Phase 2 Phase 2 grant activities. The current maximum hourly rate is \$46.00 x 1,245 hours = \$57,277.64	1,245	\$46.00	\$57,277.64
		Project Coordinator Project Coordinator will spend 614 hrs on SLIGP 2.0 Phase 2 grant activities. The current maximum hourly rate is \$32.50 x 614 hours = \$19,940.09.	614	\$32.50	\$19,940.09
		Grant Coordinator Grant Coordinator will spend 614 hrs on SLIGP 2.0 Phase 2 grant activities. The current maximum hourly rate is \$24.00 x 614 hours = \$14,724.99.	614	\$24.00	\$14,724.99
		Program Support Specialist Program Support Specialist will spend 749 hrs on SLIGP 2.0 Phase 2 grant activities. The current maximum hourly rate is \$29.90 x 749 hours = \$22,399.32.	749	\$29.90	\$22,399.32

Lead Project Coordinator/Field Outreach Lead 2 FTE will spend 7,738 hours on SLIGP 2.0 grant activities. The current hourly rate is \$39.00 x 7,738 = \$301,782.00	7,738	\$39.00	\$301,782.00
DPS Grants Accountant The DPS Grant Accountant will spend 498 hrs on SLIGP Phase 1 grant activities. The current hourly rate is \$29.00 x 498 = \$14,442.00	498	\$29.00	\$14,442.00

\$301,782.00	\$0.00	Lead Project Coordinator/Field Outreach Lead FTE will spend 2,741 hours on SLIGP 2.0 Phase 1 grant activities. The current hourly rate is \$39.00 x 2,741 = \$106,881.23.	2,741	\$39.00	\$106,881.23
\$14,442.00	\$0.00	DPS Grants Accountant The DPS Grant Accountant will spend 176 hrs on SLIGP Phase 1 grant activities. The current hourly rate is \$29.00 x 176 hours = \$5,114.88	176	\$29.00	\$5,114.88

\$106,881.23	\$0.00	Lead Project Coordinator/Field Outreach Lead FTE will spend 4,997 hours on SLIGP 2.0 Phase 2 grant activities. The current hourly rate is \$39.00 x 4,997 = \$194,900.77.	4,997	\$39.00	\$194,900.77
\$5,114.88	\$0.00	DPS Grants Accountant The DPS Grant Accountant will spend 322 hrs on SLIGP Phase 1 grant activities. The current hourly rate is \$29.00 x 322 hours = \$9,327.12	322	\$29.00	\$9,327.12

\$194,900.77	\$0.00	Lead Project Coordinator/Field Outreach Lead FTE will spend 4,997 hours on SLIGP 2.0 Phase 2 grant activities. The current hourly rate is \$39.00 x 4,997 = \$194,900.77.	4,997	\$39.00	\$194,900.77
\$9,327.12	\$0.00	DPS Grants Accountant The DPS Grant Accountant will spend 322 hrs on SLIGP Phase 1 grant activities. The current hourly rate is \$29.00 x 322 hours = \$9,327.12	322	\$29.00	\$9,327.12

<b>Total Personnel</b>	<b>13,432.00</b>	<b>510,111.60</b>	<b>316,224.00</b>	<b>193,887.60</b>	<b>Total Personnel</b>	<b>4,757.17</b>	<b>180,664.70</b>	<b>\$111,996.11</b>	<b>\$68,668.59</b>	<b>Total Personnel</b>	<b>8,675</b>	<b>\$329,446.90</b>	<b>\$204,227.89</b>	<b>\$125,219.01</b>
------------------------	------------------	-------------------	-------------------	-------------------	------------------------	-----------------	-------------------	---------------------	--------------------	------------------------	--------------	---------------------	---------------------	---------------------

b. Fringe Benefits	Quantity	Unit Cost	Total Cost
Single Officer/SWIC: Fringe is calculated at 29.74% of salary spent on SLIGP activities.	\$ 16,841.76	29.74%	\$5,008.74
Program Manager: Fringe is calculated at 29.74% of salary spent on SLIGP activities.	\$ 88,688.00	29.74%	\$26,375.81
Project Coordinator: Fringe is calculated at 29.74% of salary spent on SLIGP activities.	\$ 30,875.00	29.74%	\$9,182.23
Grant Coordinator: Fringe is calculated at 29.74% of salary spent on SLIGP activities.	\$ 22,800.00	29.74%	\$6,780.72
Program Support Specialist: Fringe is calculated at 29.74% of salary spent on SLIGP activities.	\$ 34,682.84	29.74%	\$10,314.68
Lead Project Coordinator/Field Outreach Lead: Fringe is calculated at 29.74% of salary spent on SLIGP activities.	\$ 301,782.00	29.74%	\$89,749.97
DPS Grants Accountant Fringe is calculated at 29.74% of salary spent on SLIGP activities	\$ 14,442.00	29.74%	\$4,295.05

b. Fringe Benefits	Quantity	Unit Cost	Total Cost
Single Officer/SWIC: Fringe is calculated at 29.74% of salary spent on SLIGP activities.	5,965	29.74%	\$1,773.93
Program Manager: Fringe is calculated at 29.74% of salary spent on SLIGP activities.	31,410	29.74%	\$9,341.44
Project Coordinator: Fringe is calculated at 29.74% of salary spent on SLIGP activities.	10,935	29.74%	\$3,252.04
Grant Coordinator: Fringe is calculated at 29.74% of salary spent on SLIGP activities.	8,075	29.74%	\$2,401.51
Program Support Specialist: Fringe is calculated at 29.74% of salary spent on SLIGP activities.	12,284	29.74%	\$3,653.12
Lead Project Coordinator/Field Outreach Lead: Fringe is calculated at 29.74% of salary spent on SLIGP activities.	106,881	29.74%	\$31,786.48
DPS Grants Accountant Fringe is calculated at 29.74% of salary spent on SLIGP activities	5,115	29.74%	\$1,521.17

b. Fringe Benefits	Quantity	Unit Cost	Total Cost
Single Officer/SWIC: Fringe is calculated at 29.74% of salary spent on SLIGP activities.	10,877	29.74%	\$3,234.81
Program Manager: Fringe is calculated at 29.74% of salary spent on SLIGP activities.	57,278	29.74%	\$17,034.37
Project Coordinator: Fringe is calculated at 29.74% of salary spent on SLIGP activities.	19,940	29.74%	\$5,930.18
Grant Coordinator: Fringe is calculated at 29.74% of salary spent on SLIGP activities.	14,725	29.74%	\$4,379.21
Program Support Specialist: Fringe is calculated at 29.74% of salary spent on SLIGP activities.	22,399	29.74%	\$6,661.56
Lead Project Coordinator/Field Outreach Lead: Fringe is calculated at 29.74% of salary spent on SLIGP activities.	194,901	29.74%	\$57,963.49
DPS Grants Accountant Fringe is calculated at 29.74% of salary spent on SLIGP activities	9,327	29.74%	\$2,773.89

b. Fringe Benefits	Quantity	Unit Cost	Total Cost
Single Officer/SWIC: Fringe is calculated at 29.74% of salary spent on SLIGP activities.	10,877	29.74%	\$3,234.81
Program Manager: Fringe is calculated at 29.74% of salary spent on SLIGP activities.	57,278	29.74%	\$17,034.37
Project Coordinator: Fringe is calculated at 29.74% of salary spent on SLIGP activities.	19,940	29.74%	\$5,930.18
Grant Coordinator: Fringe is calculated at 29.74% of salary spent on SLIGP activities.	14,725	29.74%	\$4,379.21
Program Support Specialist: Fringe is calculated at 29.74% of salary spent on SLIGP activities.	22,399	29.74%	\$6,661.56
Lead Project Coordinator/Field Outreach Lead: Fringe is calculated at 29.74% of salary spent on SLIGP activities.	194,901	29.74%	\$57,963.49
DPS Grants Accountant Fringe is calculated at 29.74% of salary spent on SLIGP activities	9,327	29.74%	\$2,773.89

<b>Total Fringe Benefits</b>	<b>\$151,707.19</b>	<b>\$94,045.02</b>	<b>\$57,662.17</b>	<b>Total Fringe Benefits</b>	<b>\$53,729.68</b>	<b>\$33,307.64</b>	<b>\$20,422.04</b>	<b>Total Fringe Benefits</b>	<b>\$97,977.51</b>	<b>\$60,737.38</b>	<b>\$37,240.13</b>
------------------------------	---------------------	--------------------	--------------------	------------------------------	--------------------	--------------------	--------------------	------------------------------	--------------------	--------------------	--------------------

c. Travel	Quantity	Unit Cost	Total Cost
-----------	----------	-----------	------------

c. Travel	Quantity	Unit Cost	Total Cost
-----------	----------	-----------	------------

c. Travel	Quantity	Unit Cost	Total Cost
-----------	----------	-----------	------------

c. Travel	Quantity	Unit Cost	Total Cost
-----------	----------	-----------	------------

SLIGP (Avg 2 nights) In-State Travel Total trips = 220 trips Std Trip = 2 nights Hotel estimate: \$93 per night x 2 = \$186 total Per diem: \$51 per day x 3 days = \$153 total Mileage and/or Airfare estimate: \$361 Federal Cost: 220 trips x \$700/trip = \$154,000.	220	\$700.00	\$154,000.00	\$154,000.00	\$0.00	SLIGP (Avg 2 nights) In-State Travel Total trips = 70 trips Std Trip = 2 nights Hotel estimate: \$93 per night x 2 = \$186 total Per diem: \$51 per day x 3 days = \$153 total Mileage and/or Airfare estimate: \$361 Federal Cost: 70 trips x \$700/trip = \$49,000.	70	\$700.00	\$49,000.00	\$49,000.00	\$0.00	SLIGP (Avg 2 nights) In-State Travel Total trips = 150 trips Std Trip = 2 nights Hotel estimate: \$93 per night x 2 = \$186 total Per diem: \$51 per day x 3 days = \$153 total Mileage and/or Airfare estimate: \$361 Federal Cost: 150 trips x \$700/trip = \$105,000.	150	\$700.00	\$105,000.00	\$105,000.00	\$0.00
SLIGP Out-of- State National Conferences, workshops, and meetings (Avg 3 Nights) Total trips = 24 Std Trip = 3 nights Hotel estimate: \$150 per night x 3 = \$450 total Per diem/incidentals estimate: \$59 meal/ incidentalsx 4 days = \$236 total Airfare estimate: \$414 Federal Cost: 24 trips x \$1,100/trip = \$26,400.	24	\$1,100.00	\$26,400.00	\$26,400.00	\$0.00	SLIGP Out-of- State National Conferences, workshops, and meetings (Avg 3 Nights) Total trips = 9 Std Trip = 3 nights Hotel estimate: \$150 per night x 3 = \$450 total Per diem/incidentals estimate: \$59 meal/ incidentalsx 4 days = \$236 total Airfare estimate: \$414 Federal Cost: 9 trips x \$1,100/trip = \$9,900.	9	\$1,100.00	\$9,900.00	\$9,900.00	\$0.00	SLIGP Out-of- State National Conferences, workshops, and meetings (Avg 3 Nights) Total trips = 15 Std Trip = 3 nights Hotel estimate: \$150 per night x 3 = \$450 total Per diem/incidentals estimate: \$59 meal/ incidentalsx 4 days = \$236 total Airfare estimate: \$414 Federal Cost: 15 trips x \$1,100/trip = \$16,500.	15	\$1,100.00	\$16,500.00	\$16,500.00	\$0.00
<b>Total Travel</b>			<b>\$180,400.00</b>	<b>\$180,400.00</b>	<b>\$0.00</b>	<b>Total Travel</b>			<b>\$58,900.00</b>	<b>\$58,900.00</b>	<b>\$0.00</b>	<b>Total Travel</b>			<b>\$121,500.00</b>	<b>\$121,500.00</b>	<b>\$0.00</b>
<b>d. Equipment</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Federal</b>	<b>Non-Federal</b>	<b>d. Equipment</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Federal</b>	<b>Non-Federal</b>	<b>d. Equipment</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Federal</b>	<b>Non-Federal</b>
N/A	0.00	0.00	0.00	\$0.00	\$0.00	N/A	0	\$0.00	\$0.00	\$0.00	\$0.00	N/A	0	\$0.00	\$0.00	\$0.00	\$0.00
<b>Total Equipment</b>			<b>0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>Total Equipment</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>Total Equipment</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>e. Supplies</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Federal</b>	<b>Non-Federal</b>	<b>e. Supplies</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Federal</b>	<b>Non-Federal</b>	<b>e. Supplies</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Federal</b>	<b>Non-Federal</b>
Printing - Handouts, business cards, flyers, etc.	3,990	\$0.10	\$399.00	\$399.00	\$0.00	Printing - Handouts, business cards, flyers, etc.	3,800	\$0.10	\$380.00	\$380.00	\$0.00	Printing - Handouts, business cards, flyers, etc.	190	\$0.10	\$19.00	\$19.00	\$0.00
General presentation aids: statistical graphics of PS LTE capabilities; and supplies including but not limited to computer items, cables, tools, tape, flip charts, pens and markers, name tags, notebooks, binders, folders, educational materials, hardware to provide video at conferences, presentations, exhibitions and meetings.	2	\$99.99	\$199.98	\$199.98	\$0.00	General presentation aids: statistical graphics of PS LTE capabilities; and supplies including but not limited to computer items, cables, tools, tape, flip charts, pens and markers, name tags, notebooks, binders, folders, educational materials, hardware to provide video at conferences, presentations, exhibitions and meetings.	1	\$99.99	\$99.99	\$99.99	\$0.00	General presentation aids: statistical graphics of PS LTE capabilities; and supplies including but not limited to computer items, cables, tools, tape, flip charts, pens and markers, name tags, notebooks, binders, folders, educational materials, hardware to provide video at conferences, presentations, exhibitions and meetings.	1	\$99.99	\$99.99	\$99.99	\$0.00
<b>Total Supplies</b>			<b>\$598.98</b>	<b>\$598.98</b>	<b>\$0.00</b>	<b>Total Supplies</b>			<b>\$479.99</b>	<b>\$479.99</b>	<b>\$0.00</b>	<b>Total Supplies</b>			<b>\$118.99</b>	<b>\$118.99</b>	<b>\$0.00</b>
<b>f. Contractual</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Federal</b>	<b>Non-Federal</b>	<b>f. Contractual</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Federal</b>	<b>Non-Federal</b>	<b>f. Contractual</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Federal</b>	<b>Non-Federal</b>
Field Outreach Coordinators & SMEs 5,560 hrs. Avg. hourly rate \$100/hr; total = \$556,000.	5,560	100.00	556,000.00	556,000.00	0.00	Field Outreach Coordinators & SMEs 1,922 hrs. Avg. hourly rate \$100/hr; total = \$192,200.	1,922	\$100.00	\$192,200.00	\$192,200.00	\$0.00	Field Outreach Coordinators & SMEs 3,638 hrs. Avg. hourly rate \$100/hr; total = \$363,800.	3,638	\$100.00	\$363,800.00	\$363,800.00	\$0.00
<b>Total Contractual</b>	<b>5,560</b>		<b>\$556,000.00</b>	<b>\$556,000.00</b>	<b>\$0</b>	<b>Total Contractual</b>	<b>1,922</b>		<b>\$192,200.00</b>	<b>\$192,200.00</b>	<b>\$0.00</b>	<b>Total Contractual</b>	<b>3,638</b>		<b>\$363,800.00</b>	<b>\$363,800.00</b>	<b>\$0.00</b>
<b>g. Construction</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Federal</b>	<b>Non-Federal</b>	<b>g. Construction</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Federal</b>	<b>Non-Federal</b>	<b>g. Construction</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Federal</b>	<b>Non-Federal</b>
N/A	0	\$0.00	\$0.00	\$0.00	\$0.00	N/A	0	\$0.00	\$0.00	\$0.00	\$0.00	N/A	0	\$0.00	\$0.00	\$0.00	\$0.00
<b>Total Construction</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>Total Construction</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>Total Construction</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>h. Other</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Federal</b>	<b>Non-Federal</b>	<b>h. Other</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Federal</b>	<b>Non-Federal</b>	<b>h. Other</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Federal</b>	<b>Non-Federal</b>
Web hosting, social media and domain registration fees: Subscriptions for, but not limited to website and social media hosting and domain name registrations @ \$450/year.	2	\$450.00	\$900.00	\$900.00	\$0.00	Web hosting, social media and domain registration fees: Subscriptions for, but not limited to website and social media hosting and domain name registrations @ \$450/year.	1	\$450.00	\$450.00	\$450.00	\$0.00	Web hosting, social media and domain registration fees: Subscriptions for, but not limited to website and social media hosting and domain name registrations @ \$450/year.	1	\$450.00	\$450.00	\$450.00	\$0.00
Software to identify and document coverage gaps @ \$2,500	1	\$2,500.00	\$2,500.00	\$2,500.00	\$0.00	Software to identify and document coverage gaps @ \$2,500	1	\$2,500.00	\$2,500.00	\$2,500.00	\$0.00	No expenses in this increment.	0	\$0.00	\$0.00	\$0.00	\$0.00
ConstantContact/SalesForce (cloud-based contact management service) email, on-line survey, event management @ \$21,665/yr	2	\$21,665.00	\$43,330.00	\$43,330.00	\$0.00	ConstantContact/SalesForce (cloud-based contact management service) email, on-line survey, event management @ \$21,665/yr	1	\$21,665.00	\$21,665.00	\$21,665.00	\$0.00	ConstantContact/SalesForce (cloud-based contact management service) email, on-line survey, event management @ \$21,665/yr	1	\$21,665.00	\$21,665.00	\$21,665.00	\$0.00
National, Regional, State and Local Conference registration fees for, but not limited to: IWCE, APCO, TX Police Chiefs Assoc., TX Assoc. of Regional Councils, TX EMS Conference, IT Services. Budget estimate is 12 @ \$500 ea.	12	\$500.00	\$6,000.00	\$6,000.00	\$0.00	National, Regional, State and Local Conference registration fees for, but not limited to: IWCE, APCO, TX Police Chiefs Assoc., TX Assoc. of Regional Councils, TX EMS Conference, IT Services. Budget estimate is 5 @ \$500 ea.	7	\$500.00	\$3,500.00	\$3,500.00	\$0.00	National, Regional, State and Local Conference registration fees for, but not limited to: IWCE, APCO, TX Police Chiefs Assoc., TX Assoc. of Regional Councils, TX EMS Conference, IT Services. Budget estimate is 7 @ \$500 ea.	5	\$500.00	\$2,500.00	\$2,500.00	\$0.00

<b>Total Other</b>				<b>\$52,730.00</b>	<b>\$52,730.00</b>	<b>\$0.00</b>	<b>Total Other</b>				<b>\$28,115.00</b>	<b>\$28,115.00</b>	<b>\$0.00</b>	<b>Total Other</b>				<b>\$24,615.00</b>	<b>\$24,615.00</b>	<b>\$0.00</b>
Total Direct Charges				<b>1,451,547.77</b>	<b>1,199,998.00</b>	<b>251,549.77</b>	Total Direct Charges				<b>\$514,089.37</b>	<b>\$424,998.74</b>	<b>\$89,090.63</b>	Total Direct Charges				<b>\$937,458.40</b>	<b>\$774,999.26</b>	<b>\$162,459.14</b>
i. Indirect Costs	<b>Quantity</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Federal</b>	<b>Non-Federal</b>	i. Indirect Costs	<b>Quantity</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Federal</b>	<b>Non-Federal</b>	i. Indirect Costs	<b>Quantity</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Federal</b>	<b>Non-Federal</b>			
Indirect Costs	\$193,887.60	25%	48,471.90	0.00	48,471.90	Indirect Costs	68,669	25%	\$17,167.15	\$0.00	\$17,167.15	Indirect Costs	125,219	25%	\$31,304.75	\$0.00	\$31,304.75			
25% of all direct staff personnel only						25% of all direct staff personnel only						25% of all direct staff personnel only								
Total Indirect Costs			<b>48,471.90</b>	<b>0.00</b>	<b>48,471.90</b>	Total Indirect Costs			<b>\$17,167.15</b>	<b>\$0.00</b>	<b>\$17,167.15</b>	Total Indirect Costs			<b>\$31,304.75</b>	<b>\$0.00</b>	<b>\$31,304.75</b>			
<b>TOTALS</b>			<b>1,500,019.67</b>	<b>1,199,998.00</b>	<b>300,021.67</b>	<b>TOTALS</b>			<b>\$531,256.51</b>	<b>\$424,998.74</b>	<b>\$106,257.78</b>	<b>TOTALS</b>			<b>\$968,763.16</b>	<b>\$774,999.26</b>	<b>\$193,763.90</b>			

## ASSURANCES - NON-CONSTRUCTION PROGRAMS

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

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

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

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

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

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

<p>SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL</p> <p>Todd M Early</p>	<p>TITLE</p> <p>Assistant Division Director-Public Safety Com</p>
<p>APPLICANT ORGANIZATION</p> <p>Texas Department of Public Safety</p>	<p>DATE SUBMITTED</p> <p>12/20/2017</p>

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

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

**LOBBYING**

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

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

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

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

**Statement for Loan Guarantees and Loan Insurance**

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

In any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, 'Disclosure Form to Report Lobbying,' in accordance with its instructions.

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

\* NAME OF APPLICANT

Texas Department of Public Safety

\* AWARD NUMBER

\* PROJECT NAME

Texas Public Safety Broadband Program

Prefix:

Mr.

\* First Name:

Todd

Middle Name:

\* Last Name:

Early

Suffix:

\* Title:

Assistant Division Director-Public Safety Com

\* SIGNATURE:

Todd M Early

\* DATE:

12/20/2017



GOVERNOR GREG ABBOTT

December 18, 2017

Mr. David Redl  
Assistant Secretary of Communications and Information  
National Telecommunications and Information Administration  
U.S. Department of Commerce  
1401 Constitution Avenue, NW  
Washington, D.C. 20230

Dear Assistant Secretary Redl:

The Middle Class Tax Relief and Job Creation Act of 2012 requires each state to designate a single point of contact to coordinate directly with the First Responder Network Authority (FirstNet).

The State of Texas hereby designates Todd M. Early, Director-Public Safety Communications Service within the Texas Department of Public Safety's Law Enforcement Support Division and Statewide Communications Interoperability Coordinator, as the single point of contact to FirstNet. Mr. Early can be reached by phone at (512) 424-2121 or by email at [todd.early@dps.texas.gov](mailto:todd.early@dps.texas.gov).

Texas remains committed to the safety of our first responders and citizens, and we look forward to working closely with FirstNet regarding the build out of the public safety broadband network.

Sincerely,

A handwritten signature in black ink that reads "Greg Abbott".

Greg Abbott  
Governor

GA:dwk