

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="12/28/2017"/>	4. Applicant Identifier: <input type="text" value="CCR# 59JA8"/>	
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"/>	7. State Application Identifier: <input type="text"/>	
<b>8. APPLICANT INFORMATION:</b>		
* a. Legal Name: <input type="text" value="Colorado Department of Public Safety"/>		
* b. Employer/Taxpayer Identification Number (EIN/TIN): <input type="text" value="84-0644739"/>	* c. Organizational DUNS: <input type="text" value="8289553150000"/>	
<b>d. Address:</b>		
* Street1:	<input type="text" value="9195 E. Mineral Ave."/>	
Street2:	<input type="text" value="Suite 200"/>	
* City:	<input type="text" value="Centennial"/>	
County/Parish:	<input type="text"/>	
* State:	<input type="text" value="CO: Colorado"/>	
Province:	<input type="text"/>	
* Country:	<input type="text" value="USA: UNITED STATES"/>	
* Zip / Postal Code:	<input type="text" value="80112-3556"/>	
<b>e. Organizational Unit:</b>		
Department Name: <input type="text" value="Colorado Dept of Public Safety"/>	Division Name: <input type="text" value="Homeland Security &amp; EM"/>	
<b>f. Name and contact information of person to be contacted on matters involving this application:</b>		
Prefix: <input type="text"/>	* First Name:	<input type="text" value="Esther"/>
Middle Name: <input type="text"/>		
* Last Name:	<input type="text" value="Son"/>	
Suffix: <input type="text"/>		
Title:	<input type="text" value="Grants and Contracts Manager"/>	
Organizational Affiliation: <input type="text"/>		
* Telephone Number: <input type="text" value="720-852-6627"/>	Fax Number: <input type="text" value="720-852-6768"/>	
* Email: <input type="text" value="esther.son@state.co.us"/>		

**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.):**

Add Attachment

Delete Attachment

View Attachment

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

Colorado SLIGP 2.0 Application

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="700,000.00"/>
* b. Applicant	<input type="text" value="0.00"/>
* c. State	<input type="text" value="175,000.00"/>
* 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="875,000.00"/>

**\* 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. 2018-NTIA-SLIGP-2	11.549	\$ 700,000.00	\$ 175,000.00	\$	\$	\$ 875,000.00
2.						
3.						
4.						
<b>5. Totals</b>		\$ 700,000.00	\$ 175,000.00	\$	\$	\$ 875,000.00

**SECTION B - BUDGET CATEGORIES**

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
	2018-NTIA-SLIGP-2				
<b>a. Personnel</b>	\$ 206,452.00	\$	\$	\$	\$ 206,452.00
<b>b. Fringe Benefits</b>	65,374.00				65,374.00
<b>c. Travel</b>	47,548.00				47,548.00
<b>d. Equipment</b>	0.00				0.00
<b>e. Supplies</b>	14,000.00				14,000.00
<b>f. Contractual</b>	447,626.00				447,626.00
<b>g. Construction</b>	0.00				0.00
<b>h. Other</b>	94,000.00				94,000.00
<b>i. Total Direct Charges (sum of 6a-6h)</b>	875,000.00				\$ 875,000.00
<b>j. Indirect Charges</b>					\$
<b>k. TOTALS (sum of 6i and 6j)</b>	\$ 875,000.00	\$	\$	\$	\$ 875,000.00
<b>7. Program Income</b>	\$ 0.00	\$	\$	\$	\$ 0.00

**SECTION C - NON-FEDERAL RESOURCES**

(a) Grant Program		(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8.	2018-NTIA-SLIGP-2	\$ <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"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
14. Non-Federal	\$ <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
15. TOTAL (sum of lines 13 and 14)	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>

**SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT**

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)			
	(b)First	(c) Second	(d) Third	(e) Fourth
16. 2018-NTIA-SLIGP-2	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
17. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
18. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
19. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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"/>	22. Indirect Charges: <input type="text"/>
23. Remarks: <input type="text"/>	



## **COLORADO SLIGP 2.0 Application Narrative State and Local Implementation Grant Program**

The State of Colorado, Governor's Office of Information Technology (OIT) and the Department of Public Safety's Division of Homeland Security and Emergency Management (DHSEM) are pleased to present this application for the State and Local Implementation Grant Program (SLIGP) 2.0. Included in this application are OIT's and DHSEM's answers to the three questions posed in the Notice of Funding Opportunity (NOFO) Executive Summary announced by the National Telecommunications and Information Administration (NTIA), U.S. Department of Commerce.

- 1. A comprehensive explanation of the allowable activities that will be conducted using SLIGP 2.0 funds, how the applicant aims to resource and conduct these activities, the objectives and outcomes of these activities, and how conducting these activities will support the deployment of the NPSBN in their State. *Note that applicants have the discretion to choose among the allowable activities described in section D.6.a, as it is not mandatory to perform all activities listed in that section.***

If successfully awarded SLIGP 2.0 grant funds, Colorado will utilize the grant funding to continue to support the governing body representing the diverse stakeholder interests of Colorado, including Rural, Urban, Local, State, and Tribal concerns through monthly public meetings. These meetings support the dissemination of FirstNet information, and allow AT&T and FirstNet to gain direct feedback on performance, issues, and overall technology implementation and integration of the National Public Safety Broadband Network (NPSBN).

**Allowable Grant Activity: Single officer (or governmental body) and staff to, at a minimum, provide for ongoing coordination with NTIA and implementation of grant funds.**

Colorado plans to direct the grant funds to research, develop, and integrate data sharing policies and agreements between existing public safety systems, and across various agencies. The OIT team proposes to conduct regular meetings and manage necessary vendor requirements to support activities to include, but are not limited to, data sharing policy requirements, collection of current data, documentation, and solutions. All of these activities may include working with vendors that offer data sharing technology and support, and support of future data sharing, technology implementation and integration.

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

Research and develop activities by the OIT team will support the integration and implementation of emergency communications and technology which could include but are not limited to collection of requirements for emergency communications technology transitions, selection of a vendor in support of collection of requirements, solution suggestions, and preparation of support documents for FirstNet on emergency communications technology transition, integration and implementation, and best practice suggestions.

**Allowable Grant Activity: Planning activities to prepare for emergency communications technology transitions.**

Furthermore, the OIT team will engage in research requirements pertaining to development, implementation, and integration for the transition of public safety applications, software, and databases throughout Colorado. Specific activities may include:



- Identification of legal and geo-political related hurdles to information sharing across jurisdictions at all levels and the development of template agreements to facilitate data/information sharing and application interoperability.
- Working with existing communications managers at the local and state level to identify specific application needs and develop mechanisms for technology transition to LTE based communications.
- Coordinating activities of existing application mechanisms (i.e. Colorado Information Sharing Consortium) to work with new technologies and expand inclusion of data sources.
- Working with existing application vendors to understand technical issues that prevent information sharing and develop potential solutions.

These activities may require hiring a third party vendor to support these efforts and deliver the best practices. The primary reason for 3rd party assistance would be for technical, legal, operational or other specific functional knowledge that is required to identify key issues and develop necessary solutions.

**Allowable Grant Activity: Activities to identify and plan for the transition of public safety applications, software, and databases.**

Finally, Colorado will utilize the grant funds to provide for identification and documentation of ongoing coverage gap analysis after the completion of an IOC period. This ongoing analysis will potentially consist of engagement of a third party contractor based on the allowable activities established by the NTIA. This could include drive-testing, gap analysis, documentation generation, and conducting regular meetings in order to understand persistent coverage issues and provide feedback to FirstNet and AT&T.

**Allowable Grant Activity: Identifying and documenting on-going coverage needs/gaps within the State.**

**2. A description of capacity to manage and conduct programmatic activities of the award and ability to adhere to NTIA grant reporting and compliance requirements described in section F.3.**

The responsibilities for programmatic activities of SLIGP 2.0 and adherence to reporting and compliance requirements of NTIA are divided between the two Colorado State Agencies. The FirstNet Colorado team at OIT conducts the programmatic activities and coordination efforts to fulfill the grant requirements, while DHSEM's Grants and Contracts team ensures an additional layer of oversight on allowable activities, proper and accurate financial reporting, and compliance with the Uniform Grant Guidance. By working as a partnership for over five years on SLIGP 1.0, the FirstNet Colorado team at OIT and the Grants and Contracts team at DHSEM have a clear understanding, comprehensive and successful record managing the grant funds and activities of SLIGP 1.0. The continued partnership ensures the adherence to the requirements of SLIGP 2.0 and grant requirements of NTIA.

**3. A high-level staffing plan that clearly designates which individuals or positions will be responsible for fulfilling programmatic and grant management requirements.**

The FirstNet Colorado team consists of Chief Operating Officer and State Point of Contact (SPOC), Brian Shepherd, Broadband Implementation Manager, Kim Coleman Madsen, Outreach and Education Manager, Ed Mills, Project Manager, Sarah Smith, and OIT Accountant, Nancy Gibson-Johnson. Each of the members have a percentage of their time they are able to dedicate to the project ranging from 20% - 35%. These positions are applied towards the 20% match contribution requirement of the grant.

The DHSEM Grants and Contracts team consist of Grants and Contracts Manager, Esther Son, who coordinates with the State financial reporting system and the preparation of the Federal Financial Reports to ensure budget requirements are met, on schedule, and reported each quarter. And DHSEM's Grant Specialist, Larisa Cannon, who handles the project budget coordination between OIT and NTIA, and reviews for allowable and allocable activities in reimbursement requests from OIT. Both members provide 15% of dedicated time to the grant and request salary and benefits paid from the grant within the grant application.



## COLORADO

### Division of Homeland Security & Emergency Management

Department of Public Safety

Grants Administration Team  
9195 E. Mineral Avenue, Suite 200  
Centennial, CO 80112

Michael Dame  
State and Local Implementation Grant Program Director  
National Telecommunications and Information Administration  
U.S. Department of Commerce  
1401 Constitution Avenue, N.W.  
Washington, D.C. 20230

December 28, 2017

Dear Mr. Dame,

In reference to the pending State and Local Implementation Grant Program (SLIGP) 2.0, The Colorado Division of Homeland Security and Emergency Management requests to waive the 20% non-federal match requirement for the Quarterly Performance Progress Report (PPR) for the State and Local Implementation Grant Program (SLIGP).

While we are confident the overall 20% non-federal match requirement will be met by the close of the performance period of the grant, we would like to request a waiver in case we cannot meet the requirement for each quarter.

Sincerely,

A handwritten signature in black ink, appearing to read 'Esther Son'.

Esther Son  
Grants and Contracts Manager  
Division of Homeland Security and Emergency Management  
Colorado Department of Public Safety  
[esther.son@state.co.us](mailto:esther.son@state.co.us)

CC: Brian Shepard, Broadband Program Manager  
Kim Coleman Madsen, Public Safety Broadband Program Manager  
Larisa Cannon, Grant Specialist  
File





**COLORADO**  
**Division of Homeland Security  
 & Emergency Management**  
 Department of Public Safety



**FirstNet  
 Colorado**

**State and Local Implementation Grant Program 2.0  
 Detailed Budget**

**TOTALS**

	<i>Total Award</i>	<i>Increment 1</i>	<i>Increment 2 NTE</i>
<i>Federal:</i>	<b>\$700,000</b>	<b>\$250,000</b>	<b>\$450,000</b>
<i>Non-Federal:</i>	<b>\$175,000</b>	<b>\$62,500</b>	<b>\$112,500</b>
<i>Total:</i>	<b>\$875,000</b>	<b>\$312,500</b>	<b>\$562,500</b>

**Personnel: Total Amount \$206,452**

	<i>Increment 1</i>	<i>Increment 2 NTE</i>
<i>Federal:</i>	<b>\$27,301</b>	<b>\$45,501</b>
<i>Non-Federal:</i>	<b>\$50,119</b>	<b>\$83,531</b>
<i>Increment Total:</i>	<b>\$77,420</b>	<b>\$129,032</b>

See the Detailed Budget Spreadsheet for calculations. All positions listed below have existing staff to fulfill the duties outlined.

- Outreach and Education Manager [OEM] (Federal \$0, Non-Federal \$44,400):  
 Grant support oversight for a majority of the day-to-day interaction with all stakeholders. We anticipate this individual spending a significant amount of their time traveling throughout the state for localized meetings and planning sessions within the allowable activities. The program manager will spend 30% of their time on SLIGP 2.0 Grant Allowable Activities for 2 years. The annual salary is \$74,000.
- Project Manager [PM] (Federal \$0, Non-Federal \$41,250):  
 Grant support responsible for developing and maintaining projects plans, contact databases, tracking metrics, scheduling and providing general support to the overall effort. The program manager will spend 33% of their time on SLIGP 2.0 Grant Activities for 2 years. The annual salary is \$62,500.
- Broadband Implementation Manager [BIM] (Federal \$0, Non-Federal \$48,000):  
 Grant support responsible for the day-to-day oversight of the grant program and overall FirstNet activities. This position works with the State Point of Contact (SPOC) to engage all stakeholders, develop strategy, manage the statewide governing body, manage the SLIGP grant and other duties associated with the FirstNet project. The program manager will spend 24% of their time on SLIGP 2.0 Grant Activities for 2 years. The annual salary is \$100,000.
- Grant Manager (Federal \$30,216, Non-Federal \$0):  
 Grant support oversight of the grant program, including assuring completion of progress

reports and financial reporting. The grant manager will spend 15% of their time on SLIGP 2.0 grant activities for 2 years. The annual salary is \$100,720.

- **Grant Specialist (Federal \$21,384, Non-Federal \$0):**  
Grant support oversight of the grant program, including managing the project’s budget and ensuring grant compliance while working with the Grant Manager in the completion of progress reports and financial reporting. The grant specialist will spend 15% of their time on SLIGP 2.0 grant activities for 2 years. The annual salary is \$71,280.
- **Grant Accountant (Federal \$21,202, Non-Federal \$0):**  
Grant support oversight of the grant accounting and work with the OEM, PM and BIM in the completion of reports. The grant accountant will spend 20% of their time on SLIGP 2.0 grant activities for 2 years. The annual salary is \$53,004.

**Fringe: Total Amount \$65,374**

	<i>Increment 1</i>	<i>Increment 2 NTE</i>
<b>Federal:</b>	<b>\$ 9,009</b>	<b>\$15,015</b>
<b>Non-Federal:</b>	<b>\$12,381</b>	<b>\$28,969</b>
<b>Increment Total:</b>	<b>\$21,390</b>	<b>\$43,984</b>

See the Detailed Budget Spreadsheet for calculations

- **Outreach and Education Manager [OEM] (Federal \$0, Non-Federal \$14,664):**  
Fringe is calculated at 33% of salary (\$74,000), for the portion of time spent on SLIGP 2.0 activities.
- **Project Manager [PM] (Federal \$, Non-Federal \$13,608):**  
Fringe is calculated at 33% of salary (\$62,500), for the portion of time spent on SLIGP 2.0 activities.
- **Broadband Implementation Manager [BIM] (Federal \$0, Non-Federal \$13,200\*):**  
\*Only \$13,078 will be used for Match. Fringe is calculated at 33% of salary (\$100,000), for the portion of time spent on SLIGP 2.0 activities.
- **Grant Manager (Federal \$9,960 Non-Federal \$0):**  
Fringe is calculated at 33% of salary (\$100,720), for the portion of time spent on SLIGP 2.0 activities.
- **Grant Specialist (Federal \$7,056 Non-Federal \$0):**  
Fringe is calculated at 33% of salary (\$71,280), for the portion of time spent on SLIGP 2.0 activities.
- **Grant Accountant (Federal \$7,008 Non-Federal \$0):**  
Fringe is calculated at 33% of salary (\$53,004), for the portion of time spent on SLIGP 2.0 activities.

**Travel: Total Amount \$47,548**

	<i>Increment 1</i>	<i>Increment 2 NTE</i>
<b>Federal:</b>	<b>\$16,577</b>	<b>\$30,971</b>
<b>Non-Federal:</b>	<b>\$0</b>	<b>\$0</b>

**Increment Total:                    \$16,577                    \$30,971**

See the Detailed Budget Spreadsheet for calculations

- **Mileage for SLIGP Staff In-State Travel (Federal \$9,408, Non-Federal \$0):**  
Estimating 4 trips per month for 24 months for a total of 96 trips for meetings with stakeholders, presentations and other responsibilities. Colorado currently reimburses mileage at \$0.49 per mile. Average round trip mileage per trip of 200 miles. The cost of each trip is approximately \$98. There will be 96 trips for allowable activities.
- **Lodging and Per Diem for SLIGP Staff In-State Travel (Federal \$16,500, Non-Federal \$0):**  
In-State travel to local and regional events. Total of 75 overnight stays at a cost of approximately \$220 including: \$150 total lodging per night and estimated per diem of \$70 per day.
- **Out of State Employee Travel (Federal \$14,480, Non-Federal \$0):**  
Out of state travel for regional and national meetings with FirstNet or other approved stakeholders. Four employees will travel to a total of 2 meetings. Total number of trips is 8 at a cost of approximately \$1,810 including: \$500 round trip airfare, \$600 total lodging, estimated per diem of \$70 a day, and \$500 registration.
- **Governing Body Reimbursements (Federal \$3,920, Non-Federal \$0):**  
In state travel reimbursements for Governing Body Members to attend FirstNet meetings. Approximately 10 requests total. Average cost per trip is 300 round trip miles at \$0.49 per mile (\$147), lodging at \$175 per night, and \$70 per diem for a total of \$392 per member.
- **Travel Line Item (Federal \$3,240, Non-Federal \$0):**  
In state travel reimbursements for local stakeholders to attend regional or statewide meetings dedicated to the SLIGP process. Approximately 10 requests total. Average cost per local stakeholder trip is 160 round trip miles at \$0.49 per mile (\$78 rounded), lodging at \$175 per night, and \$70 per diem for a total of \$323 per local stakeholder.

**Equipment**

*Federal:*                    \$0  
*Non-Federal:*            \$0  
*Total:*                     \$0

There are no equipment costs anticipated during this grant.

**Supplies: Total Amount \$14,000**

	<i>Increment 1</i>	<i>Increment 2 NTE</i>
<i>Federal:</i>	\$5,250	\$8,750
<i>Non-Federal:</i>	\$0	\$0
<b><i>Increment Total:</i></b>	<b>\$ 5,250</b>	<b>\$8,750</b>

See the Detailed Budget Spreadsheet for calculations

- **Laptops (Federal \$5,600, Non-Federal \$0):**  
Laptops and the associated hardware and initial start-up up costs for two laptops for the

- grant personnel. Each set up costs \$2,800 for a total of \$5,600.
- General Office Supplies (Federal \$8,400, Non-Federal \$0):  
General Office supplies include but are not limited to copy paper, pens, binders, etc. The average estimate is \$350.00 per month over a period of 24 months for a total of \$8,400.

**Contractual: Total Amount \$447,626**

	<i>Increment 1</i>	<i>Increment 2 NTE</i>
<i>Federal:</i>	<i>\$149,863</i>	<i>\$297,763</i>
<i>Non-Federal:</i>	<i>\$0</i>	<i>\$0</i>
<i>Increment Total:</i>	<i>\$149,863</i>	<i>\$297,763</i>

See the Detailed Budget Spreadsheet for calculations

- Contractual Services-Coverage Gap Data Collection (Federal \$293,876, Non-Federal \$0):  
Third-party contract services for coverage gap data collection. Collection and data analysis of coverage gaps in the NPSBN as it evolves throughout the two year grant period. Support includes assessment of coverage based on NPSBN deployment, and may include GIS mapping, outreach and consultation with agencies, FirstNet and ATT to identify and communicate issues. Costs are based on existing fixed-price contract for data collection services and future contracts will be executed on a fixed-price format based on needs and requirements determined after initial contract and services have been completed.
- Contractual Services for Data Sharing Policies (Federal \$75,000, Non-Federal \$0):  
Third-party contract services for analysis and for creation of data sharing policies. Support of creation and implementation of data sharing policies between agencies to support interoperability with the NPSBN. Research of current data policies and procedures. Estimates are based on the existing fixed-price contract for creation of data sharing policies.
- Contractual Services for Technology Interface and Integration (Federal \$67,500, Non-Federal \$0):  
Third-party contract services for emergency communications technology interface and integration. Support in research and support of certain technologies as they innovate in conjunction with a FirstNet implementation as they pertain to emergency communications and technology transitions. Costs are based on existing fixed-price contract and future contracts will be executed on a fixed-price format based on needs and requirements determined after initial contract and services have been completed.
- Contractor for support of Salesforce Data Entry (Federal \$11,250, Non-Federal \$0):  
Third-party services to validate data from the CAI database and an old Salesforce application to be uploaded into a new Salesforce application. 9,000 records at 5 minutes per record for validation is 45,000 minutes. 45,000 minutes equates to 750 hours for approximately 5 months' work contract. Contractor rate is \$15.00 per hour.

**Construction**

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



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

**Other: Total Amount \$94,000**

	<i>Increment 1</i>	<i>Increment 2 NTE</i>
<i>Federal:</i>	\$35,750	\$58,250
<i>Non-Federal:</i>	\$0	\$0
<i>Increment Total:</i>	\$35,750	\$58,250

See the Detailed Budget Spreadsheet for calculations

- **Statewide meeting venues rental (Federal \$4,000 Non-Federal \$0):**  
For large statewide meetings to support stakeholder input on for allowable activities. Budget \$1,000 per event and 2 events per year for 2 years for a total of 4 events.
- **Coverage Analysis Software (Federal \$49,000 Non-Federal \$0):**  
Estimated costs: The ArcGIS Advanced License is a single Concurrent Use License to support the coverage gap analysis and assessment gathered from stakeholders and drive testing. A single ArcGis Advanced License is \$8,920 for the initial purchase, with estimated annual maintenance of \$1200, totalling \$11,320. The NetMotion Diagnostics Hosted software will be used to gather real-time data when drive testing to assess reported coverage gaps in the deployed Firstnet/AT&T network. 314 users x \$5/month for 2 years = \$37,680.
- **Other Software (Federal \$41,000, Non-Federal \$0):**  
Salesforce.com is customer relationship management (CRM) application required for stakeholder management and outreach/education/communications. 5 users x \$3998/yr for 2 years. Zoom is a conference call/webinar app and Mailchimp is a newsletter tool; both are used to communicate with stakeholders. Zoom - 1 user \$30/month for 2 years = \$720. Mailchimp - 1 user \$150/yr for 2 years = \$300.

**Indirect: Total Amount \$0**

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

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

Category	Detailed Description of Budget (for full grant period)			Increment 1		Increment 2	
	Quantity	Unit Cost	Total Project Cost	Federal	Non-Federal	Federal	Non-Federal
<b>a. Personnel</b>							
Grant Support - DHSEM Grant Manager	24	1,259.00	30,216.00	11,331.00	-	18,885.00	-
Grant Support - DHSEM Grant Specialist	24	891.00	21,384.00	8,019.00	-	13,365.00	-
Grant Support - Grant Accountant	24	883.40	21,202.00	7,951.00	-	13,251.00	-
Grant Support - Outreach and Education Manager (OEM)	24	1,850.00	44,400.00	-	16,650.00	-	27,750.00
Grant Support - Project Manager (PM)	24	1,718.75	41,250.00	-	15,469.00	-	25,781.00
Grant Support - Broadband Implementation Manager (BIM)	24	2,000.00	48,000.00	-	18,000.00	-	30,000.00
<b>Total Personnel</b>			<b>206,452.00</b>	<b>27,301.00</b>	<b>50,119.00</b>	<b>45,501.00</b>	<b>83,531.00</b>
<b>b. Benefits</b>				<b>Federal</b>	<b>Non-Federal</b>	<b>Federal</b>	<b>Non-Federal</b>
Grant Support - DHSEM Grants & Contracts Manager	24	415.00	9,960.00	3,735.00	-	6,225.00	-
Grant Support - DHSEM Grant Specialist	24	294.00	7,056.00	2,646.00	-	4,410.00	-
Grant Support - Grant Accountant	24	292.00	7,008.00	2,628.00	-	4,380.00	-
Grant Support - Outreach and Education Manager (OEM)	24	611.00	14,664.00	-	5,499.00	-	9,165.00
Grant Support - Project Manager (PM)	24	567.00	13,608.00	-	5,103.00	-	8,505.00
Grant Support - Broadband Implementation Manager (BIM)	1	660.00	13,078.00	-	1,779.00	-	11,299.00
<b>Total Benefits</b>			<b>65,374.00</b>	<b>9,009.00</b>	<b>12,381.00</b>	<b>15,015.00</b>	<b>28,969.00</b>
<b>c. Travel</b>				<b>Federal</b>	<b>Non-Federal</b>	<b>Federal</b>	<b>Non-Federal</b>
Mileage for SLIGP staff for stakeholders meetings, presentations and	19,200	0.49	9,408.00	3,528.00	-	5,880.00	-
Lodging and Per Diem for SLIGP staff for meetings with local	75	220.00	16,500.00	6,187.00	-	10,313.00	-
National Conferences	8	1,810.00	14,480.00	5,430.00	-	9,050.00	-
Governing Body Reimbursements	10	392.00	3,920.00	784.00	-	3,136.00	-
Travel Reimbursements for Local Stakeholders	10	324.00	3,240.00	648.00	-	2,592.00	-
<b>Total Travel</b>			<b>47,548.00</b>	<b>16,577.00</b>	<b>-</b>	<b>30,971.00</b>	<b>-</b>
<b>d. Equipment</b>				<b>Federal</b>	<b>Non-Federal</b>	<b>Federal</b>	<b>Non-Federal</b>
N/A	0	-	-	-	-	-	-
<b>Total Equipment</b>			<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>e. Supplies</b>				<b>Federal</b>	<b>Non-Federal</b>	<b>Federal</b>	<b>Non-Federal</b>
Computers	2	2,800.00	5,600.00	2,100.00	-	3,500.00	-
General Office Supplies \$350/month	24	350.00	8,400.00	3,150.00	-	5,250.00	-
<b>Total Supplies</b>			<b>14,000.00</b>	<b>5,250.00</b>	<b>-</b>	<b>8,750.00</b>	<b>-</b>
<b>f. Contractual</b>				<b>Federal</b>	<b>Non-Federal</b>	<b>Federal</b>	<b>Non-Federal</b>
Contractual Services for Coverage Gap Data Collection:	1	293,876.00	293,876.00	85,175.00	-	208,701.00	-
Contractual Services for Data Sharing Policies:	1	75,000.00	75,000.00	28,125.00	-	46,875.00	-
Contractual Services for Technology Interface and Integration:	1	67,500.00	67,500.00	25,313.00	-	42,187.00	-
Contractor for support of Salesforce Data Entry:	750	15.00	11,250.00	11,250.00	-	-	-
<b>Total Contractual</b>			<b>447,626.00</b>	<b>149,863.00</b>	<b>-</b>	<b>297,763.00</b>	<b>-</b>
<b>g. Construction</b>				<b>Federal</b>	<b>Non-Federal</b>	<b>Federal</b>	<b>Non-Federal</b>
N/A			-	-	-	-	-
<b>Total Construction</b>			<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>h. Other</b>				<b>Federal</b>	<b>Non-Federal</b>	<b>Federal</b>	<b>Non-Federal</b>
Statewide meetings venue rental:	4	1,000.00	4,000.00	2,000.00	-	2,000.00	-
Coverage Analysis Software - Two Years	1	49,000.00	49,000.00	18,375.00	-	30,625.00	-
<b>Other Software - Two Years</b>	1	41,000.00	41,000.00	15,375.00	-	25,625.00	-

<b>Total Other</b>		<b>94,000.00</b>	<b>35,750.00</b>	<b>-</b>	<b>58,250.00</b>	<b>-</b>	
<b>Total Direct Charges</b>		<b>875,000.00</b>	<b>243,750.00</b>	<b>62,500.00</b>	<b>456,250.00</b>	<b>112,500.00</b>	
<b>i. Indirect Costs</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Federal</b>	<b>Non-Federal</b>	<b>Federal</b>	<b>Non-Federal</b>
N/A	0	-	-	-	-	-	-
<b>Total Indirect Costs</b>			<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Grand Totals</b>		<b>875,000.00</b>	<b>243,750.00</b>	<b>62,500.00</b>	<b>456,250.00</b>	<b>112,500.00</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>Esther E Son</p>	<p>TITLE</p> <p>Office of Preparedness, Director</p>
<p>APPLICANT ORGANIZATION</p> <p>Colorado Department of Public Safety</p>	<p>DATE SUBMITTED</p> <p>12/28/2017</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.**

**\* NAME OF APPLICANT**

Colorado Department of Public Safety

**\* AWARD NUMBER**

2018-NTIA-SLIGP-2

**\* PROJECT NAME**

Colorado SLIGP 2.0 Application

Prefix:  \* First Name:  Middle Name:

\* Last Name:  Suffix:

\* Title:

**\* SIGNATURE:**

**\* DATE:**

# STATE OF COLORADO

## OFFICE OF THE GOVERNOR

136 State Capitol  
Denver, Colorado 80203  
Phone (303) 866-2471  
Fax (303) 866-2003



John W. Hickenlooper  
Governor

December 18, 2017

Mr. David J. Redl  
Assistant Secretary for Communications and Information  
National Telecommunications and Information Administration (NTIA)  
1401 Constitution Avenue, N.W.  
Washington, D.C. 20230

Dear Assistant Secretary Redl:

The purpose of this letter is to fulfill the requirements outlined in the Notice of Funding Opportunity (NOFO) for the NTIA's State and Local Implementation Grant Program (SLIGP) 2.0 to provide the state's point of contact for the grant and the First Responder Network Authority (FirstNet).

As with the original SLIGP grant we believe a "separation of duties" is the prudent approach to administering the grant. The Division of Homeland Security and Emergency Management (DHSEM) within the Colorado Department of Public Safety (CDPS) will therefore serve as the fiscal agent for the program and receive the SLIGP funds. The Governor's Office of Information Technology (OIT) will serve as the single Point of Contact (POC) for programmatic efforts to implement the FirstNet initiative. Specifically, Brian Shepherd, Chief Operating Officer of the State Broadband Office within OIT will be the POC. Mr. Shepherd's contact information is [Brian.Shepherd@state.co.us](mailto:Brian.Shepherd@state.co.us), or 303-764-7826.

CDPS and OIT have worked closely during the planning stages for FirstNet and successfully managed the original SLIGP effort. We are confident this productive arrangement will continue. DHSEM will manage all grant funds and review the financial expenditures of the grant while OIT will interact with FirstNet and Colorado stakeholders to implement the Nationwide Public Safety Broadband Network (NPSBN) within the state.

We look forward to this next step to ensure that FirstNet is a success and the needs of first responders in Colorado are met in order to maintain public safety.

Sincerely,

John W. Hickenlooper  
Governor  
State of Colorado