

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"/>	
5a. Federal Entity Identifier: <input type="text"/>	5b. Federal Award Identifier: <input type="text"/>	
State Use Only:		
6. Date Received by State: <input type="text"/>	7. State Application Identifier: <input type="text"/>	
8. APPLICANT INFORMATION:		
* a. Legal Name: <input type="text" value="Office of Emergency Services (Cal OES)"/>		
* b. Employer/Taxpayer Identification Number (EIN/TIN): <input type="text" value="680278801"/>	* c. Organizational DUNS: <input type="text" value="9474361760000"/>	
d. Address:		
* Street1: <input type="text" value="3650 Schriever Avenue"/>	Street2: <input type="text"/>	
* City: <input type="text" value="Mather"/>	County/Parish: <input type="text"/>	
* State: <input type="text" value="CA: California"/>	Province: <input type="text"/>	
* Country: <input type="text" value="USA: UNITED STATES"/>	* Zip / Postal Code: <input type="text" value="95655-4203"/>	
e. Organizational Unit:		
Department Name: <input type="text"/>	Division Name: <input type="text"/>	
f. Name and contact information of person to be contacted on matters involving this application:		
Prefix: <input type="text" value="Ms ."/>	* First Name: <input type="text" value="Rose"/>	
Middle Name: <input type="text" value="H ."/>		
* Last Name: <input type="text" value="Nguyen"/>		
Suffix: <input type="text"/>		
Title: <input type="text" value="Branch Chief"/>		
Organizational Affiliation: <input type="text"/>		
* Telephone Number: <input type="text" value="(916) 845-8646"/>	Fax Number: <input type="text"/>	
* Email: <input type="text" value="Rose.H.Nguyen@caloes.ca.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.):

Add Attachment

Delete Attachment

View Attachment

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

2018 State and Local Implementation Grant Program (SLIGP)2.0

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="485,722.77"/>
* c. State	<input type="text" value="0.00"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="1,685,722.77"/>

*** 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. State and Local Implementation Grant Program (SLIGP) 2.0	11.549	\$	\$	\$ 1,200,000.00	\$ 536,330.86	\$ 1,736,330.86
2.						
3.						
4.						
5. Totals		\$	\$	\$ 1,200,000.00	\$ 536,330.86	\$ 1,736,330.86

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
	State and Local Implementation Grant Program (SLIGP) 2.0				
a. Personnel	\$ 511,123.20	\$	\$ 362,214.40	\$	\$ 873,337.60
b. Fringe Benefits	245,696.92		174,116.46		419,813.38
c. Travel	89,504.00				89,504.00
d. Equipment	0.00				0.00
e. Supplies	4,800.00				4,800.00
f. Contractual	10,000.00				10,000.00
g. Construction	0.00				0.00
h. Other	6,645.80				6,645.80
i. Total Direct Charges (sum of 6a-6h)	867,769.92		536,330.86		\$ 1,404,100.78
j. Indirect Charges	332,230.08				\$ 332,230.08
k. TOTALS (sum of 6i and 6j)	\$ 1,200,000.00	\$	\$ 536,330.86	\$	\$ 1,736,330.86
7. Program Income	\$ 0.00	\$	\$	\$	\$ 0.00

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS
8. State and Local Implementation Grant Program (SLIGP) 2.0	\$ 536,330.86	\$	\$	\$ 536,330.86
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	\$ 536,330.86	\$	\$	\$ 536,330.86

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 600,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00
14. Non-Federal	\$ 268,165.44	67,041.36	67,041.36	67,041.36	67,041.36
15. TOTAL (sum of lines 13 and 14)	\$ 868,165.44	\$ 217,041.36	\$ 217,041.36	\$ 217,041.36	\$ 217,041.36

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

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)			
	(b) First	(c) Second	(d) Third	(e) Fourth
16. State and Local Implementation Grant Program (SLIGP) 2.0	\$ 868,165.44	\$ 868,165.44	\$	\$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	\$ 868,165.44	\$ 868,165.44	\$	\$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:		22. Indirect Charges:	332230
23. Remarks:			

State and Local Implementation Grant Program (SLIGP) 2.0 Application Narrative

California Overview

California is third most extensive state by area, and the most populous state in the United States, with a population of 39.3 million residents. The population is projected to reach 40 million by 2018, and 50 million by 2055. With this many people, California has more than 28 million calls to 911 per year to its 441 Public Safety Answering Points (PSAPs) across the state. The land mass consists of 163,696 square miles and the diverse geography ranges from the Pacific Coast in the west, to the Sierra Nevada mountain range in the east; from the redwood–Douglas fir forests in the northwest to the Mojave Desert in the southeast. The Central Valley, a major agricultural area, dominates the state's center. The State of California contains more forestland than any other state except Alaska. There are 58 counties in the state, and there are 482 cities and towns in the state with Los Angeles being the largest at over 3.9 million people. California is home to more people of Native American/ Alaska Native heritage than any other state in the Country. There are currently 109 federally recognized Indian tribes in California and 78 entities petitioning for recognition. Tribes in California currently have nearly 100 separate reservations or Rancherias. Due to California's unique geography, topography, population, and recent disaster response and recovery needs, in the event of excess grant funding, there is an additional need to contribute to the planning and supporting of communications systems within the state.

Because of California's vast and diverse terrain, there are large gaps in cellular LTE coverage. Coverage is improving but still remains a significant challenge for any and all commercial broadband providers. Availability, capacity, speed, and provider choice are key concerns for public safety agencies and organizations. Adoption of the FirstNet broadband network represents a significant step forward in providing California with the progression needed to evolve its cellular network capabilities.

At the state level, California's public safety broadband communication issues and functions are primarily governed by the California Office of Emergency Services (CalOES). The CalFRN Board of Directors (CalFRN Board) consists of 12 multi-disciplinary members representing a cross-section of public safety, state, local, and tribal expertise at the executive leadership level. The CalFRN Board serves as California's advisory body to CalOES. CalOES will oversee California's plan to establish, formalize and institutionalize a process to support the statewide public safety broadband network. CalOES, based on recommendations and support from the CalFRN Board, provides a liaison for local governments, law enforcement, fire, emergency management, and tribal entities. Responsibilities of the CalFRN Board include coordination, recommendations regarding policy, training and compliance. The CalFRN Board also provides direction to the CalFRN advisory committees leveraging their expertise for recommendations on a variety of CalFRN activities.

The CalFRN Board operates at two levels, (1) directors and (2) advisory committees. Advisory committees are established as warranted and currently include:

- California Statewide Interoperability Executive Committee (CalSIEC)
- Mutual Aid Regional Advisory Committee (MARAC)
- State 9-1-1 Advisory Board

- Technical Advisory Committee
- Tribal Advisory Committee

The advisory committee structure is intended to add depth and definition to the CalFRN Board to better equip the Board to engage with FirstNet at the national level. The committees further facilitate local input and participation.

All planned activities listed within this application are in accordance with Notice of Funding Opportunity (NOFO) 2018-NTIA-SLIGP-2.

SLIGP 2.0 Staffing Plan

The California SLIGP staff will operate within the Public Safety Broadband Network Division (PSBN) of CalOES and under the direction and guidance of the California Single Point of Contact (SPOC). The staff will consist of a Telecommunications Systems Manager I (TSM1), three Telecommunications Systems Analyst II positions (TSA2), and a Staff Services Analyst (SSA). All of these positions will consist of a Full Time Equivalent (FTE) staffing position at 90% funding. A portion of indirect support staff manning costs will also be utilized to ensure proper grant accounting; documentation, execution and reporting are taking place in accordance with DOC/NTIA stipulations. Contracted professional services and/or temporary/short term employment considerations will be determined by necessity to meet workload during the grant period.

The Statewide Interoperability Coordinator (SWIC) will continue to coordinate and collaborate with the PSBN TSM1 on matters related to NPSBN buildout, and how they affect the interoperability spectrum within California itself. The CalOES PSBN TSM1 will coordinate with the CalOES Grant Manager for budgetary activities to include planning, obligation, disbursement tracking, and potential audit oriented activities.

The PSBN TSM1 will have the following primary responsibilities:

- Oversight on the daily management activities of the SLIGP 2.0 grant's allowable activities
- Supervision and leadership of the TSA2 positions, SSA, and associated duties
- Primary budgetary planning, tracking and reporting in collaboration with the CalOES Grant Manager
- Operational and strategic level planning in collaboration with FirstNet and AT&T
- Collaboration, planning, and educational data sharing with the communications governance entities in California (CalFRN Board, and the SWIC)
- Continue education/outreach/data collection in collaboration with the CalFRN and FirstNet

Summary of Planned Activities

The California SLIGP 2.0 program will focus on all of the allowable activities, as described in subsequent paragraphs, and for specific allowable activities for States where FirstNet is deploying the RAN (Opt-In States).

- Single officer (or governmental body) and staff to, at a minimum, provide for ongoing coordination with NTIA and implementation of grant funds
- 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
- Data collection in specific areas identified to be helpful as requested by FirstNet
- 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
- 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
- Planning efforts to help FirstNet gain inclusion on applicable statewide contract vehicles
- Planning activities to prepare for emergency communications technology transitions
- Activities to identify and plan for the transition of public safety applications, software, and databases
- Identifying and documenting on-going coverage needs/gaps within the State
- Activities to convene stakeholder outreach events to continue planning for NPSBN implementation, as requested by FirstNet

Milestone Highlights for SLIGP 2.0:

Time	Event/Activities Concept
Present – 28 FEB 2018	Continuation of current SLIGP Grant activities as designated and reported via on-going Performance Progress Reports (PPR). Current staff remains in place and will provide continuity through initial phases of SLIGP 2.0 Increment 1.
28 DEC 2017	Submission of California SLIGP 2.0 Grant Application to NTIA.
MAR 2018 – NOV 2018	<p>Increment 1: <i>Focus on planning and execution of allowable activities in accordance with the Notice of Funding Opportunity</i></p> <ul style="list-style-type: none"> • Increased integration– includes white papers, briefings, updates on FirstNet progress and integration within California • Participation in all CalFRN and CalSIEC sessions statewide to provide updates and implement appropriate policy/statewide strategy items • Facilitation of stakeholder interaction with FN/AT&T representatives, as requested by FirstNet • Facilitation of discussion and planning for immediate access to AT&Ts deployable assets for potential use in emergencies

	<ul style="list-style-type: none"> • Scheduling of educational sessions between FN/AT&T and potential subscribers (this includes how to use the service, establishing local control measures, coverage limitations, bring-your-own-device issues) • Continued collaboration with neighboring states in key coverage areas, in accordance with allowable activities under SLIGP 2.0
<p>DEC 2018 – FEB 2020</p>	<p>Increment 2: Continued execution of allowable activities</p> <ul style="list-style-type: none"> • Continued interaction with governance boards – CalFRN, CalFRN and CalSIEC. Continued gathering of information by integration efforts are proceeding. Detailed reports requested by FirstNet CalFRN. • Continued on-going assessment of coverage and capacity needs ranging from IOC 1 through IOC2 and IOC3 – this may induce the need for signal strength drive testing by specific area • Conducting data analysis for overall communication satisfaction by geographic region within California (emphasis on ease of use, local control abilities, cost, coverage, capacity, and software applications availability), as requested by FirstNet. • Any drive testing/gap analysis activities will be on the NPSBN for the current or past IOC from the California State Plan • Continued scheduling of educational sessions between FN/AT&T and potential subscribers (this includes how to use the service, establishing local control measures, coverage limitations, bring-your-own-device issues)

Execution of Planned Activities

The following lists, “by objective,” goals on how the California SLIGP 2.0 program will conduct and support the specific allowable activities during the proposed grant award period.

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

- a. **Current:** CalOES is organized under the supervision of the Director, who in turn, reports directly to the Governor of the State of California. The Chief Deputy Director reports to the Director. The Deputy Director of Logistics Management reports to the Chief Deputy Director. The Assistant Director of Public Safety Communications (PSC) reports to the Deputy Director of Logistics Management. The Assistant Director of PSC is designated as both the SPOC and the state designee for the SLIGP grant management activities. See designation letter.
- b. **Objective:** The SPOC will provide direction and guidance to the SWIC. In turn, the SWIC will manage the details of the SLIGP program in accordance with DOC/NTIA guidelines and grant stipulations, state law, and FirstNet guidance.
- c. **Outcome:** The California SLIGP staff will remain in place for positive continuity as the transition occurs between SLIGP 1.0 and SLIGP 2.0 grants. Normal quarterly adherence to budget formulation, expense accounting, and performance progress reporting will occur accurately and on time. As allowable activities and costs change, so will subsequent tracking and reporting.

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.

- a. **Current:** The CalOES Assistant Director of PSC is the SPOC and serves as the chair of the CalFRN. The Cal FRN is established as an advisory Board to the Director of CalOES. The CalFRN coordinates information, initiatives, and decision items concerning public safety communication matters to include recommendations that will be used for the implementation of the National Public Safety Broadband Network (NPSBN) within California.

The California Statewide Interoperability Executive Council (CalSIEC) is established as an advisory board to the director of CalOES. CalSIEC is comprised of representatives from each of the four planning areas in California and the SWIC serves as an advisor to the CalSIEC and participates in all planning area meetings as well as the quarterly CalSIEC meetings. The SWIC and CalSIEC members ensure that the recommendations of the CalSIEC are included in quarterly meetings of the CalFRN.

- b. **Objective:** The SWIC will work in direct coordination with the CalFRN Board, the SPOC, PSBN TSM, and FirstNet.
- c. **Outcome:** Moving beyond the “opt in” decision and forward into the actual implementation phase will signify a positive and more proactive change in the relationship between the CalFRN, PSBN TSM1, SPOC, and FirstNet. Additional coordination, collaboration, and data sharing efforts will merge on a more frequent basis to ensure the NPSBN buildout is both visible and progressive. The SWIC will brief updates to the CalFRN on a bi-monthly basis. The SWIC will update the CalFRN chairperson for each region when requested and when invited to attend

CalFRN Board meetings. Data sharing products will be screened and released based on adherence to the ongoing state plan.

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

- a. **Current:** Data collection requests from FirstNet are anticipated to be oriented towards two distinct categories. First, will be continuing some level of outreach activity focused on identification of potential user adoption agencies and groups. Many of the potential primary users have been identified are being approached directly by FirstNet/AT&T. Some of the extended users and volunteer/private industry partners may need additional follow-up information. Second, will be on-going coverage concerns and priorities. These efforts are evolving the discussion and information sharing amongst all parties involved.
- b. **Objective:** Prior to SLIGP 2.0 initiation, the CalOES PSBN staff will begin exchanging and gathering data needs assessed by the CalFRN Board, SWIC and FirstNet. Monthly updates will be conducted between PSBN staff and FirstNet representatives for California. Applicable data will be reported to both the SPOC and the CalFRN Board.
- c. **Outcome:** The CalOES PSBN staff remains proactive, flexible and adaptive to on-going data collection, data sharing, and data analysis needs from FirstNet planners. To date, the specifics of these items are still being developed in coordination with FirstNet and their partner.

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 the NPSBN.

- a. **Current:** California public safety communications policy and agreement formulation is subject to procedures identified by California Code, the California Interoperability Field Operations Guide (Cal-IFOG) and CalSIEC procedures. The key to this engagement is local deliberation and issue identification brought forward to the CalSIEC by the CalFRN Board. The CalFRN Board promotes shared decision making with local stakeholders, promote transparency, promote sustainability, establish a shared understanding of interoperability goals and seek ways to actively involve stakeholders from a multi-agency and multi-jurisdictional perspective.
- b. **Objective:** The CalOES PSBN staff will work in unison with California Code, CalOES policy directives, SPOC guidance, and SWIC guidance. Policy guidance and directives will seek to promote enhanced awareness and transparency regarding the FirstNet implementation activities from Initial Operational Capability (IOC) Phase 1 through IOC Phase 2.
- c. **Outcome:** State and district level policy documents will be drafted and reviewed by the CalFRN Board, SWIC, and SPOC. CalOES PSBN staff will remain engaged in all policy recommendations in concert with stakeholders and management processes.

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.

- a. **Current:** Previous and current outreach efforts are focused on education of the FirstNet concept and NPSBN vision, based on the 911 Commission Report. Details relayed to stakeholders have been fairly generic, and conceptual versus technical. Priority issues have been focused on the key issues of coverage, capacity, affordability, and reliability. These will remain forefront on the scope of concerns for all potential users.

- b. **Objective:** Limited, yet extended, outreach events, as requested by FirstNet, will be planned in conjunction with local and state conferences known to exist. Examples include; California Sheriff's Association, California Association of Police Chiefs, California Emergency Management Services Association, CalNENA conferences, etc. PSBN participation in CalFRN meetings will increase, and facilitate follow-up outreach and education to potential users across California. Outreach and education will include both CalOES PSBN staff and FirstNet/AT&T representatives in many cases.
- c. **Outcome:** Increased knowledge, transparency and awareness of FirstNet across the local and state spectrum of available primary, extended, and special users.

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

- a. **Current:** Current statewide contracts are handled by the California Department of Technology - Procurement.
- b. **Objective:** As FirstNet is implemented within the state, it is anticipated that primary and extended user agencies will apply for regional and statewide subscriber procurement. For example, the California Department of Transportation (DOT) is an extended primary responder for all traffic related issues in all areas of the state, and would most likely be a FirstNet subscriber.
- c. **Outcome:** Public Safety entities within California will be provided with economically sound and feasible means to procure contracts with FirstNet, allowing enhanced communications and increasing efficiency in responding to emergencies across the state. The CalOES PSBN staff will only facilitate interaction between vendors and/or FirstNet and will not participate in the marketing or procurement process.

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

- a. **Current:** As mentioned in previous paragraphs, the key driving entities in the California Public Safety Communications landscape include the CalSIEC, SPOC, SWIC, CalFRN Board, and local communications-oriented public and private partners. California has recently updated the Cal-IFOG) as of October 2016. While this document potentially requires updates and revisions, it signifies the strategic framework document for statewide communications. The joint immersion of NPSBN, Land Mobile Radio systems, Information Technology, Next Generation 911, Long Term Evolution technology and adaptation, all make up a more robust interoperable environment for emergency communications within California.
- b. **Objective:** Governance bodies and administrative process will be key to conducting local, regional, and statewide communications planning in the interagency environment. These efforts must be coordinated and a shared vision created between the CalOES and other technology-based entities such as the California Department of Technology (DOT).
- c. **Outcome:** We will put together a plan for the integration of currently used systems to be merged in order to mirror sustainable interoperable communications with emerging technologies. Emphasis on the interoperability continuum is essential. Key elements include collaborative governance, standard operating procedures, technology, planning of training and exercises, and developing a plan for the on-going usage of critical communications systems. CalOES PSBN staff members will remain engaged in all governance and communications-based discussions and processes. All activities will be conducted in accordance with the allowable activities listed in the SLIGP 2.0 NOFO.

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

- a. **Current:** CalOES staff planners as well as specific municipal response agencies have participated in multi-year Public Safety Communications Research (PSCR) informational conferences and workshops. SLIGP staff has also visited and interacted with the FirstNet Innovation Lab located in Boulder, Colorado. CalOES staff and the SWIC continually participate in CalOES events and informational activities.
- b. **Objective:** SLIGP staff will be focused on transitioning into the NSPBN, and will remain engaged in gap analysis surveys, SWIC working projects such as production of an updated Cal-IFOG, and any relevant SAFECOM surveys. The process and implementation of new technology and systems will be presented to CalOES for further guidance, policy development, and or tasking action.
- c. **Outcome:** The primary outcome expectations for existing and new applications, hardware, software, and database systems are that they provide a more interoperable efficiency for California. Any transitions of apps, software, and databases will only be into the NSPBN.

9. Identifying and documenting on-going coverage needs/gaps within the State, as requested by FirstNet.

- d. **Current:** Recent interaction with FirstNet/AT&T RAN engineering teams have further shed light on existing LTE coverage within California. These recent meetings have also led to adaptations in the state plan, and where to provide the best coverage that meets the needs determined by public safety agencies across the state.
- e. **Objective:** Utilizing existing gap-analysis surveys, California will seek to maximize overall coverage from existing levels to a level that supports the maximum amount of Band 14 capabilities where they are needed most. In areas that remain remote, a successful deployable asset strategy will be planned. Gap analysis, drive testing, and coverage testing will only occur on the NPSBN during current or past IOCs.
- f. **Outcome:** Increased coverage and capacity for California.

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

- a. **Current:** The California SLIGP has been proactively conducting community outreach and education across the state since 2013. California communications governance structure and process has changed during this time period.
- b. **Objective:** As requested by FirstNet and as funding allows, the CalOES PSBN staff will continue to schedule and conduct educational efforts statewide to all existing and potential stakeholders to include state, tribal, local and private sectors. Emphasis on rural communities, deployable strategy and transparency, engage existing and future conferences, assist FirstNet in conducting applicable workshops, conferences, and collaboration meetings with existing public safety agencies and associations.

- c. **Outcome:** The CalOES PSBN staff, within the SLIGP 2.0 parameters, will persist in assisting the CalFRN Board, SPOC, and SWIC in collaborating and working with FirstNet to deploy, operate, maintain, and improve a broadband network dedicated to first responders and extended response users across California. CalOES PSBN staff will discuss and navigate network lifecycle concerns related to applications, devices, services and infrastructure costs short and long-term.

California State and Local Implementation Grant Program (SLIGP) 2.0 Budget Justification and Narrative

The State of California is requesting \$1,200,000.00 of federal funds in order to assist the State, local governments and tribal nations for planning and implementing a nationwide interoperable public safety broadband network. The federal funds will be matched with \$536,330.86 of non-federal funds (wages and in-kind match). The non-federal minimum for Increment 1 equates to \$199,066.04. The non-federal minimum for Increment 2 equates to \$286,656.73.

OVERALL

	<u>Federal</u>	<u>Non-Federal</u>	<u>Grand Total</u>
<u>Estimated Costs:</u>			
Wages	\$511,123.20	\$362,214.40	\$873,337.60
Fringe	\$245,696.92	\$174,116.46	\$419,813.38
Travel	\$89,504.00	\$0	\$89,504.00
Equipment	\$0	\$0	\$0
Supplies	\$4,800.00	\$0	\$4,800.00
Contractual	\$10,000.00	\$0	\$10,000.00
Construction	\$0	\$0	\$0
Other	\$6,645.80	\$0	\$6,645.80
Indirect	\$332,230.08	\$0	\$332,230.08
Total Estimated Costs	\$1,200,000.00	\$536,330.86	\$1,736,330.86

Wages

There are fourteen positions allotted for the SLIGP 2.0 grant's two-year period. There is a Public Safety Broadband Network (PSBN) Telecommunications Systems Manager 1 Supervisor (TSM 1 Sup) (at 90% of annual salary = \$141,600). The TSM reports to the Public Safety Communications (PSC) 9-1-1 Branch Manager/Career Executive Assignment B (at 25% of annual salary = \$59,622) who oversees the PSBN TSM1 and reports to the Assistant Director of PSC who is also the SPOC (20% of annual salary = \$59,990).

The TSM will supervise three Telecommunication Systems Analyst II (TSA2) positions (90% of annual salary = \$120,000 x 3), and one Staff Services Analyst (SSA) position (90% of annual salary = \$100,000), and this four-person team will handle the day-to-day operations of implementing the new Public Safety Broadband Network for California at the State level. The TSM will also work closely with the SPOC who serves as the Chairman of the California First Responders Network Board of Directors (CalFRN), and any of the Board's designated sub-committees.

The TSA2 positions will provide data collection in specific areas identified to be helpful as requested by FirstNet, as well as 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. They will

also identify and document on-going coverage needs/gaps within the State. Will perform activities to identify and plan for the transition of public safety applications, software, and databases.

The SSA position will also provide data collection and perform activities to convene stakeholder outreach events to continue planning for NPSBN implementation, as requested by FirstNet. This position will also provide assistance in identifying and documenting on-going coverage needs/gaps within the State. The SSA will also assist with planning efforts to help FirstNet gain inclusion on applicable statewide contract vehicles.

There are several supporting positions, including one Grant Manager (at 10% of annual salary = \$14,803) who will manage the grant, and will complete grant activities such as managing the allowable activity tasks, completing the programmatic reports, and providing updates to leadership on programmatic activity. The Staff Services Manager 1 (at 10% of annual salary = \$16,963.20) who will manage the accounting for the grant and duties will include processing invoices, tracking funds spent, and doing ASAP drawdowns. Also, the State Wide Interoperability Coordinator (SWIC) (25% of annual salary = \$59,622) who will work with emergency response leaders across all levels of government to implement a statewide strategic vision for interoperability, an Information Officer I (at 20% of annual salary = \$29,606) who will take care of Public Relations and the Media, an Associate Government Program Analyst (at 10% of annual salary = \$14,803) who will support the SPOC in administrative duties, and two Associate Information Systems Analysts (at 5% of annual salary = \$8,164 x2) who will support website development and audio/visual duties for the CalFRN Board meetings.

Total Personnel

Wages are calculated using the most recent State of California wage scale.

Total personnel wages for the two-year grant period are \$873,337.60.

	<u>Increment 1</u>	<u>Increment 2</u>	<u>Total for 2 Years</u>
Federal :	\$174,751.20	\$336,372.00	\$511,123.20
Non-Federal:	\$152,750.40	\$209,464.00	\$362,214.40

Fringe Benefits

The fringe benefit rate is based on the actual fringe benefits for the current personnel. Benefits include FICA, health care, unemployment, worker's compensation and retirement. The fringe amounts for all personnel mentioned above are calculated at 48.07% for the portion of time spent on SLIGP 2.0 allowable activities.

Total for the two-year grant period is \$419,813.38.

	<u>Increment 1</u>	<u>Increment 2</u>	<u>Total for 2 Years</u>
Federal :	\$84,002.90	\$161,694.02	\$245,696.92
Non-Federal:	\$73,427.12	\$100,689.34	\$174,116.46

Travel

The PSBN team will be traveling to meet with Stakeholders throughout California in order to foster the 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. Travel for CalFRN Board Members, the existing governance body, will 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. Out of state travel will provide for ongoing coordination with the NTIA, and will allow attendance at national conferences pertaining to FirstNet.

In-State Travel

Outreach Trips to Stakeholders in California: Each year the PSBN team, consisting of five people, will travel to the 58 counties in California, and will use a combination of driving and flying. Driving is estimated at 5,500 miles at \$.54 per mile, 30 flights at \$500 each, 58 days of rental cars at \$40 per day, 50 nights of lodging at an average of \$120, 50 days of meals at \$46 per day, and 47 days of parking at \$10 each per day. Total for the two-year grant period is \$58,120 for the PSBN team. Average dollar amount per person per trip is \$501.03.

CalFRN Board Members travel quarterly to Board Meetings: We have an average of four Board Members that must travel to Sacramento for these meetings, with some coming from as far away as San Diego and Los Angeles. Four flights at \$500 each, Eight days of rental cars at \$40 per day, Four nights of lodging at an average of \$95 per night, Eight days of meals at \$46 per day, Eight days of parking at \$10 per day. This comes out to \$3,148 per member per year. Four members traveling to board meetings per year is \$12,592, for a two-year total of \$25,184. Average dollar amount per trip per person is \$887.00.

Out-of-State Travel

Executive Out of State Travel: In the grant period, two executives will take four flights to national conferences and meetings regarding FirstNet at \$600 each, 16 days of rental cars at \$40 per day, 12 nights of lodging at an average of \$170 per night, 20 days of meals at \$46 per day, and 20 days of parking at \$10 per day. Average dollar amount for one trip for one person is \$1550.00.

Total for the two-year grant period is \$6,200 for two executives.

	<u>Increment 1</u>	<u>Increment 2</u>	<u>Total for two years</u>
Federal :	\$33,564.00	\$55,940.00	\$89,504.00
Non-Federal:	\$0	\$0	\$0

Equipment

There are no equipment costs anticipated during this two year grant period.

	<u>Increment 1</u>	<u>Increment 2</u>	<u>Total for two years</u>
Federal :	\$0	\$0	\$0

Non-Federal: \$0 \$0 \$0

Supplies

Outreach and board meeting supplies to include, but not limited to, printing costs, pens, binders, professional informational handouts with folders, batteries, and general supplies.

Total for the two-year grant period is \$4,800.

	<u>Increment 1</u>	<u>Increment 2</u>	<u>Total for two years</u>
Federal :	\$1,800.00	\$3,000.00	\$4,800.00
Non-Federal:	\$0	\$0	\$0

Contractual

The federal contractual category covers our outreach, technical and database management consultants, Science Application International Corporation (SAIC) at \$5,000 per year. This amount is based on an absolute bare minimum of 2-3 hours per month for database management. We have previously used these consultants to a greater extent, but will be transitioning many of their activities to full time staff during the next two years.

Total estimated contractual cost for the two year grant period is \$10,000.

	<u>Increment 1</u>	<u>Increment 2</u>	<u>Total for two years</u>
Federal :	\$3,750.00	\$6,250.00	\$10,000.00
Non-Federal:	\$0	\$0	\$0

Construction

There are no construction costs anticipated during this two-year grant period.

Other

Other costs include, but are not limited to, expenses for mailing and shipping outreach materials. We also estimate that there will be \$3,200 for miscellaneous maintenance of this programs supplies during this grant, for example, our projector system will require maintenance starting in Increment 2.

Total estimated other cost is \$6,645.80.

	<u>Increment 1</u>	<u>Increment 2</u>	<u>Total for two years</u>
Federal :	\$2,545.62	\$4,100.18	\$6,645.80
Non-Federal:	\$0	\$0	\$0

Indirect

Indirect costs for grant-funded personnel wages are calculated by a combination of 15% of the Statewide Cost Allocation Plan (SWCAP), and 50% indirect costs, such as accounting personnel, building security, janitorial, utilities, etc., for a total of 65% of personnel wages to support salaries. The total wages are \$511,123.20 and at 65% of that, the total indirect cost is \$332,230.08.

	<u>Increment 1</u>	<u>Increment 2</u>	<u>Total for two years</u>
Federal :	\$124,586.28	\$207,643.80	\$332,230.08
Non-Federal:	\$0	\$0	\$0

SLIGP 2.0 Budget Detail Spreadsheet

12/20/2017

Category	Detailed Description of Budget (for full grant period)			Increment 1		Increment 2		Total Breakdown of Cost		Total Project Costs
	Quantity	Unit Cost	Total Cost	Federal	Non-Federal	Federal	Non-Federal	Federal	Non-Federal	
a. Personnel										
Grant Manager: The Grant Manager/AGPA will spend 10% of their time on SLIGP 2.0 Activities for 2 years. The annual salary is \$74,016.00.	2	\$ 7,401.60	\$ 14,803.20	\$ 5,551.20		\$ 9,252.00		\$ 14,803.20		\$ 14,803.20
Tele Systems Manager 1(Sup): The TSM 1 will spend 90% of their time on SLIGP 2.0 Activities for 2 years. The annual salary is \$68,208.00 - \$89,628.00.	2	\$ 70,800.00	\$ 141,600.00	\$ 39,825.00	\$ 13,275.00	\$ 76,995.00	\$ 11,505.00	\$ 116,820.00	\$ 24,780.00	\$ 141,600.00
Telecommunication Systems Analyst 2: The TSA 2 will spend 90% of their time on SLIGP 2.0 Activities for 2 years. The annual salary is \$57,408.00 - \$75,480.00.	2	\$ 60,000.00	\$ 120,000.00	\$ 33,750.00	\$ 11,250.00	\$ 65,250.00	\$ 9,750.00	\$ 99,000.00	\$ 21,000.00	\$ 120,000.00
Telecommunication Systems Analyst 2: The TSA 2 will spend 90% of their time on SLIGP 2.0 Activities for 2 years. The annual salary is \$57,408.00 - \$75,480.00.	2	\$ 60,000.00	\$ 120,000.00	\$ 33,750.00	\$ 11,250.00	\$ 65,250.00	\$ 9,750.00	\$ 99,000.00	\$ 21,000.00	\$ 120,000.00
Telecommunication Systems Analyst 2: The TSA 2 will spend 90% of their time on SLIGP 2.0 Activities for 2 years. The annual salary is \$57,408.00 - \$75,480.00.	2	\$ 60,000.00	\$ 120,000.00	\$ 33,750.00	\$ 11,250.00	\$ 65,250.00	\$ 9,750.00	\$ 99,000.00	\$ 21,000.00	\$ 120,000.00
Staff Services Analyst: The SSA will spend 90% of their time on SLIGP 2.0 Activities for 2 years. The annual salary is \$47,724.00 - \$59,760.00.	2	\$ 50,000.00	\$ 100,000.00	\$ 28,125.00	\$ 9,375.00	\$ 54,375.00	\$ 8,125.00	\$ 82,500.00	\$ 17,500.00	\$ 100,000.00
SWIC: The SWIC will spend 25% of their time on SLIGP 2.0 Activities for 2 years. The annual salary is \$119,244.00.	2	\$ 29,811.00	\$ 59,622.00		\$ 22,358.25		\$ 37,263.75		\$ 59,622.00	\$ 59,622.00
Career Exec. Assign. B: The CEA 2 will spend 25% of their time on SLIGP 2.0 Activities for 2 years. The annual salary is \$119,244.00.	2	\$ 29,811.00	\$ 59,622.00		\$ 22,358.25		\$ 37,263.75		\$ 59,622.00	\$ 59,622.00
Staff Service Mnger I: The SSM 1 will spend 10% of their time on SLIGP 2.0 Activities for 2 years. The annual salary is \$84,816.00.	2	\$ 8,481.60	\$ 16,963.20		\$ 6,361.20		\$ 10,602.00		\$ 16,963.20	\$ 16,963.20
Information Officer 1: The PIO 1 Specialist will spend 20% of their time on SLIGP 2.0 Activities for 2 years. The annual salary is \$74,016.00.	2	\$ 14,803.20	\$ 29,606.40		\$ 11,102.40		\$ 18,504.00		\$ 29,606.40	\$ 29,606.40
Assistant Director PSC: The Assistant Director PSC will spend 20% of their time on SLIGP 2.0 Activities for 2 years. The annual salary is \$149,976.00.	2	\$ 29,995.20	\$ 59,990.40		\$ 22,496.40		\$ 37,494.00		\$ 59,990.40	\$ 59,990.40
AGPA: The AGPA will spend 10% of their time on SLIGP 2.0 Activities for 2 years. The annual salary is \$74,016.00.	2	\$ 7,401.60	\$ 14,803.20		\$ 5,551.20		\$ 9,252.00		\$ 14,803.20	\$ 14,803.20
Associate Information Systems Analyst: The AISA will spend 5% of their time on SLIGP 2.0 Activities for 2 years. The annual salary is \$81,636.00.	2	\$ 4,081.80	\$ 8,163.60		\$ 3,061.35		\$ 5,102.25		\$ 8,163.60	\$ 8,163.60

Associate Information Systems Analyst: The AISA will spend 5% of their time on SLIGP 2.0 Activities for 2 years. The annual salary is \$81,636.00.	2	\$ 4,081.80	\$ 8,163.60		\$ 3,061.35		\$ 5,102.25		\$ 8,163.60	\$ 8,163.60
Total Personnel			\$ 873,337.60	\$ 174,751.20	\$ 152,750.40	\$ 336,372.00	\$ 209,464.00	\$ 511,123.20	\$ 362,214.40	\$ 873,337.60

b. Fringe	Quantity	Unit Cost	Total Cost	Federal	Non-Federal	Federal	Non-Federal	Federal	Non-Federal	
Grant Manager: Fringe is calculated at 48.07% of salary, for the portion of time spent on SLIGP 2.0 activities.	48.07%	\$ 14,803.20	\$ 7,115.90	\$ 2,668.46		\$ 4,447.44		\$ 7,115.90		\$ 7,115.90
Tele Systems Manager 1(Sup): Fringe is calculated at 48.07% of salary, for the portion of time spent on SLIGP 2.0 activities.	48.07%	\$ 141,600.00	\$ 68,067.12	\$ 19,143.88	\$ 6,381.29	\$ 37,011.50	\$ 5,530.45	\$ 56,155.37	\$ 11,911.75	\$ 68,067.12
Telecommunication Systems Analyst 2: Fringe is calculated at 48.07% of salary, for the portion of time spent on SLIGP 2.0 activities	48.07%	\$ 120,000.00	\$ 57,684.00	\$ 16,223.63	\$ 5,407.88	\$ 31,365.68	\$ 4,686.83	\$ 47,589.30	\$ 10,094.70	\$ 57,684.00
Telecommunication Systems Analyst 2: Fringe is calculated at 48.07% of salary, for the portion of time spent on SLIGP 2.0 activities	48.07%	\$ 120,000.00	\$ 57,684.00	\$ 16,223.63	\$ 5,407.88	\$ 31,365.68	\$ 4,686.83	\$ 47,589.30	\$ 10,094.70	\$ 57,684.00
Telecommunication Systems Analyst 2: Fringe is calculated at 48.07% of salary, for the portion of time spent on SLIGP 2.0 activities	48.07%	\$ 120,000.00	\$ 57,684.00	\$ 16,223.63	\$ 5,407.88	\$ 31,365.68	\$ 4,686.83	\$ 47,589.30	\$ 10,094.70	\$ 57,684.00
Staff Services Analyst: Fringe is calculated at 48.07% of salary, for the portion of time spent on SLIGP 2.0 activities	48.07%	\$ 100,000.00	\$ 48,070.00	\$ 13,519.69	\$ 4,506.56	\$ 26,138.06	\$ 3,905.69	\$ 39,657.75	\$ 8,412.25	\$ 48,070.00
SWIC: Fringe is calculated at 48.07% of salary, for the portion of time spent on SLIGP 2.0 activities	48.07%	\$ 59,622.00	\$ 28,660.30		\$ 10,747.61		\$ 17,912.68		\$ 28,660.30	\$ 28,660.30
Career Exec. Assign. 2: Fringe is calculated at 48.07% of salary, for the portion of time spent on SLIGP 2.0 activities	48.07%	\$ 59,622.00	\$ 28,660.30		\$ 10,747.61		\$ 17,912.68		\$ 28,660.30	\$ 28,660.30
Staff Services Manager I: Fringe is calculated at 48.07% of salary, for the portion of time spent on SLIGP 2.0 activities	48.07%	\$ 16,963.20	\$ 8,154.21		\$ 3,057.83		\$ 5,096.38		\$ 8,154.21	\$ 8,154.21
Information Officer 1: Fringe is calculated at 48.07% of salary, for the portion of time spent on SLIGP 2.0 activities	48.07%	\$ 29,606.40	\$ 14,231.80		\$ 5,336.92		\$ 8,894.87		\$ 14,231.80	\$ 14,231.80
Assistant Director PSC: Fringe is calculated at 48.07% of salary, for the portion of time spent on SLIGP 2.0 activities	48.07%	\$ 59,990.40	\$ 28,837.39		\$ 10,814.02		\$ 18,023.37		\$ 28,837.39	\$ 28,837.39
AGPA: Fringe is calculated at 48.07% of salary, for the portion of time spent on SLIGP 2.0 activities	48.07%	\$ 14,803.20	\$ 7,115.90		\$ 2,668.46		\$ 4,447.44		\$ 7,115.90	\$ 7,115.90
AISA: Fringe is calculated at 48.07% of salary, for the portion of time spent on SLIGP 2.0 activities	48.07%	\$ 8,163.60	\$ 3,924.24		\$ 1,471.59		\$ 2,452.65		\$ 3,924.24	\$ 3,924.24

AISA: Fringe is calculated at 48.07% of salary, for the portion of time spent on SLIGP 2.0 activities	48.07%	\$ 8,163.60	\$ 3,924.24		\$ 1,471.59		\$ 2,452.65		\$ 3,924.24	\$ 3,924.24
Total Fringe			\$ 419,813.38	\$ 84,002.90	\$ 73,427.12	\$ 161,694.02	\$ 100,689.34	\$ 245,696.92	\$ 174,116.46	\$ 419,813.38

c.Travel	Quantity	Unit Cost	Total Cost	Federal	Non-Federal	Federal	Non-Federal	Federal	Non-Federal	
CalFRN Board Members travel quarterly to board meetings. Four flights at \$500 each, Eight days of rental cars at \$40 per day, Four nights of lodging at an average of \$95 per night, Eight days of meals at \$46 per day, Eight days of parking at \$10 per day. Equals \$3,548.00 per member per year. Four members traveling to board meetings per year is \$12,592.00. Average trip per person is \$887.00.	2	\$ 12,592.00	\$ 25,184.00	\$ 9,444.00		\$ 15,740.00		\$ 25,184.00		\$ 25,184.00
Executive Out of State Travel for two. Two flights at \$600 each, Eight days of rental cars at \$40 per day, Six nights of lodging at an average of \$170 per night, Ten days of meals at \$46 per day, Ten days of parking at \$10 per day. \$3,100 for one trip per year for two executives. Average dollar amount for one trip for one person is \$1550.00.	2	\$ 3,100.00	\$ 6,200.00	\$ 2,325.00		\$ 3,875.00		\$ 6,200.00		\$ 6,200.00
Outreach trips per year to stakeholders. Broadband Services (5 people) combination of driving and flying. 5,500 miles at \$.54 per mile, 30 flights at \$500 each, 58 days of rental cars at \$40 per day, 50 nights of lodging at an average of \$120, 50 days of meals at \$46 per day, and 47 days of parking at \$10 each. Total per year is \$29,060.00. One person per trip avg = \$501.03.	2	\$ 29,060.00	\$ 58,120.00	\$ 21,795.00		\$ 36,325.00		\$ 58,120.00		\$ 58,120.00
Total Travel			\$ 89,504.00	\$ 33,564.00		\$ 55,940.00		\$ 89,504.00		\$ 89,504.00

d. Equipment	Quantity	Unit Cost	Total Cost	Federal	Non-Federal	Federal	Non-Federal	Federal	Non-Federal	
										\$ -
Total Equipment			\$ -	\$ -		\$ -		\$ -		\$ -

e. Supplies	Quantity	Unit Cost	Total Cost	Federal	Non-Federal	Federal	Non-Federal	Federal	Non-Federal	
Printing \$1200 per year	2	\$ 1,200.00	\$ 2,400.00	\$ 900.00		\$ 1,500.00		\$ 2,400.00		\$ 2,400.00
General Supplies: \$1200 per year	2	\$ 1,200.00	\$ 2,400.00	\$ 900.00		\$ 1,500.00		\$ 2,400.00		\$ 2,400.00
Total Supplies			\$ 4,800.00	\$ 1,800.00		\$ 3,000.00		\$ 4,800.00		\$ 4,800.00

f. Contractual	Quantity	Unit Cost	Total Cost	Federal	Non-Federal	Federal	Non-Federal	Federal	Non-Federal	
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Science Application International Corporation (SAIC). Consulting and Database management for the the purpose of stakeholder outreach.	2	\$ 5,000.00	\$ 10,000.00	\$ 3,750.00		\$ 6,250.00		\$ 10,000.00		\$ 10,000.00
Total Contractual			\$ 10,000.00	\$ 3,750.00		\$ 6,250.00		\$ 10,000.00		\$ 10,000.00

g. Construction	Quantity	Unit Cost	Total Cost	Federal	Non-Federal	Federal	Non-Federal	Federal	Non-Federal	
Total Construction										0

h. Other	Quantity	Unit Cost	Total Cost	Federal	Non-Federal	Federal	Non-Federal	Federal	Non-Federal	
Postage/Shipping, Expense for mailing and shipping per year \$300	2	\$ 300.00	\$ 600.00	\$ 225.00		\$ 375.00		\$ 600.00		\$ 600.00
Misc. Maintenance: \$450 in increment 1	1	\$ 450.00	\$ 450.00	\$ 450.00				\$ 450.00		\$ 450.00
Misc. Maintenance: \$2,750.00 in increment 2	1	\$ 2,750.00	\$ 2,750.00			\$ 2,750.00		\$ 2,750.00		\$ 2,750.00
Promotional: FN promotional supplies	2	\$ 1,422.90	\$ 2,845.80	\$ 1,870.62		\$ 975.18		\$ 2,845.80		\$ 2,845.80
Total Other			\$ 6,645.80	\$ 2,545.62		\$ 4,100.18		\$ 6,645.80		\$ 6,645.80

				Federal	Non-Federal	Federal	Non-Federal	Federal	Non-Federal	
Total Direct Charges			\$ 1,404,100.78	\$ 300,413.72	\$ 226,177.52	\$ 567,356.20	\$ 310,153.34	\$ 867,769.92	\$ 536,330.86	\$ 1,404,100.78

i. Indirect Cost	Quantity	Unit Cost	Total Cost	Federal	Non-Federal	Federal	Non-Federal	Federal	Non-Federal	
Indirect Cost for SLIGP funded personnel wages are a combination of 15% SWCAP and 50% Indirects for a total of 65% of personnel wages to support salaries	1	\$ 332,230.08	\$ 332,230.08	\$ 124,586.28		\$ 207,643.80		\$ 332,230.08		\$ 332,230.08
Total Indirect			\$ 332,230.08	\$ 124,586.28		\$ 207,643.80		\$ 332,230.08		\$ 332,230.08

				Federal	Non-Federal	Federal	Non-Federal	Federal	Non-Federal	
TOTALS			\$ 1,736,330.86	\$ 425,000.00	\$ 226,177.52	\$ 775,000.00	\$ 310,153.34	\$ 1,200,000.00	\$ 536,330.86	\$ 1,736,330.86

Match Portion	65.27%	34.73%	71.42%	28.58%	69.11%	30.89%
Goal:					80%	20%

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>Huy Tram</p>	<p>TITLE</p> <p>Director</p>
<p>APPLICANT ORGANIZATION</p> <p>Office of Emergency Services (Cal OES)</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**

Office of Emergency Services (Cal OES)

*** AWARD NUMBER**

2018-NTIA-SLIGP-2

*** PROJECT NAME**

2018 State and Local Implementation Grant Program (SLIGP) 2.0

Prefix:

Mr.

*** First Name:**

Mark

Middle Name:

S.

*** Last Name:**

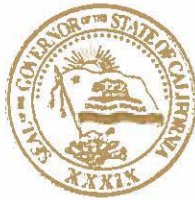
Ghilarducci

Suffix:*** Title:** Director*** SIGNATURE:**

Huy Tram

*** DATE:**

12/28/2017



OFFICE OF THE GOVERNOR

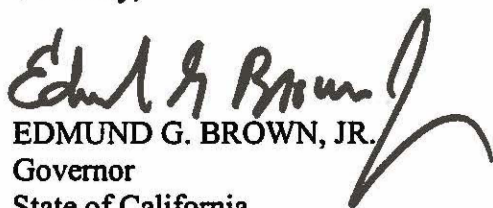
December 29, 2017

The Honorable David J. Redl
Assistant Secretary for Communications and Information
U.S. Department of Commerce
1401 Construction Avenue, NW
Washington, D.C. 20230

Dear Honorable David J. Redl:

In order to meet the requirements as set forth in the State and Local Implementation Grant Program 2.0 Notice of Funding Opportunity Announcement dated September 27, 2017, this letter is to provide notice of my designee who will coordinate and implement the FirstNet grant funds in California. I designate Mitchell Medigovich, California Governor's Office of Emergency Services Deputy Director, to serve as California's FirstNet/State and Local Implementation Grant Program 2.0 point of contact and coordinator.

Sincerely,


EDMUND G. BROWN, JR.
Governor
State of California

JAN 12 2018

ACTION OFFICE _____
COPIES TO _____

SUSPENSE DATE _____
REMARKS _____
CONTROL:# _____

