OMB N umber: 4040-000 4

Expi rat on Date: 10/31/2019

Application for Federal Assistan	ce S F424							
* 1. Ty pe of Submission		fRev sion, select appropriate letter(s)						
Preapplic ation	New							
A pplic ation	Continuation *	Other (Specify):						
Changed/Correc ted A pplic ation	Rev is ion							
* 3. Date Received:	4 Applicant Identif ier:							
12/27/2017								
5a. Federal Entity Identfier.		5b. Federal Award Identifier:						
State Use Only								
6. Date Rece ved by State:	7. State Appli cation	Identifier:						
8. APPLICANTINFORM ATON:								
*a.Legal Name: Virginia Departm	ent of Emergency Man	nagement						
* b. Employ en/Tax pay er blentfication Numb		* c. Oganizational DUN S						
546002286		8097400200000						
d. Address:								
* Street1: 10501 Trade	Court							
Street2:								
* Ci ty: North Cheste	erfield							
County /Paris h								
* State: VA: Virginia								
Province:								
* Country: USA: UNITED	STATES							
* Z ip/ Postal Code:								
e. Organizational Unit:								
Departm ent Name:		Division Name:						
f. Name and contact information of person to be contacted on matters in olving this application:								
Pré k:	*Fist Na	ame Chervl						
Midde Name:								
* Læt Næm e Lee								
Suff ix:								
Tite: CFO								
Organi zational Af f iliation:								
* Telephone Number: 804-897-9760 Fax Number:								
*Email: cheryl.lee@vdem.virginia.gov								

Application for Federal Assistance S F424
* 9. Type of Applicant 1: Select Applicant Type :
A: State Government
Type of Applicant 2: Select Applicant Type:
Ty pe of Applic ant 3 Select Applic ant Ty pe:
iy pe or Applicani. Is select Applicani. Iy pe:
* Oher (spec fy)
* 10. Name of Federal Agency.
Department of Commerce
11. Catalog of Federal Domestic Assistance Number:
11.549
CFDA Title
State and Local Implementation Grant Program
* 12. Funding Opportunity Number:
2018-NTIA-SLIGP-2.0
* Title:
State and Local Implementation Grant Program
13. Competition Identification Number:
Title:
14. Areas Affected by Project (Cities, Counties, States, etc.):
A ddA ttac hment Delete A ttac hment View Attac hment
* 15. Descriptiv e Ttle of Applicant's Prg ect:
Statewide
Attach supporting documents as specified in agency instructions
A ddA ttachments Delete A ttachments V iew Attachments

٦.

Application for Federal Assistance S F 424						
16. Congressional Districts Of:						
* a. Appli cant VA 07	* b. Program /Proj ect SLIGP					
Attach an add tonallist of Program/Project Congressional Districtsi	f needed.					
	A ddA ttac hment Delete A ttachment View Attachment					
17. Proposed Proj ect:						
* a. Start Date: 03/01/2018	* b. End Date: 02/28/2020					
18. Estimated Funding (\$):						
* a. Federal 954, 197.00						
* b. Appli cant 0.00						
* c. State 238, 550.00						
* d Local 0.00						
* e Other 0.00						
* f. Program Income 0.00						
* g. T OT AL 1, 192, 746.00						
* 19. Is Application Subject to Review By State Under Exe	cutive Order 12372 Process?					
a. This applic ation was made available to the State under	er the Executive Order 12372 Process for review on					
b. Rogram is subject to EQ 12372 but has not been so						
c. Rogram is not covered by EQ 12372.						
* 20. Is the Applicant Delinquent On Any Federal Debt? (If	"Yes," prov ide explanation in attachment.)					
∏Y es ⊠ No						
f "Yes", provide explanation and attach						
	A ddA ttac hment Delete A ttachment V iew 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 know ledge. 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, cvil, or administrative penalties. (U.S. Code, Title 218, Section 1001)						
™** IA GREE						
	where you may obtain this list, is contained in the announcement or agency					
speci fi cinstructions						
Authorized Representativ e:						
Prefix: Dr. * Fir	st Name: Jeffrey					
Middl e Nam e D.						
* Last Nam e: Stern						
Suff k:						
* Tite: State Coordinator						
* T d ephone Num ber. 804-897-6501	Fax Num ber:					
* Email: jeff.stern@vdem.virginia.gov						
* Si gnature of Authorized Representative:	*Date Signed 3/22/2018 rev					

BUDGET INFORMATION - Non-Construction Programs

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

SECTION A - BUDGET SUMMARY

	Grant Program Function or	Catalog of Federal Domestic Assistance	Estimated Unob	ligated Funds			Ne	w or Revised Budget		
	Activity (a)	Number (b)	Federal (c)	Non-Federal (d)		Federal (e)		Non-Federal (f)		Total (g)
1.	SLIGP	11.549	\$	\$	\$	954,197.00	\$	238,550.00	\$	1,192,747.00
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2.										
					-					
3.										
		Lancard Control of the Control of th								
		,								
4.						<u> </u>	_		-	
4.										
									_	
5.	Totals		\$	\$	\$	954,197.00	\$	238,550.00	\$	1,192,747.00

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	T			GRANT PROGRAM.	FUN	ICTION OR ACTIVITY			Т	Total
o. Object Olass Categories	(1)		(2))	(3)		(4)	1	(5)
		SLIGP Federal Share		Non-Federal						
a. Personnel	\$	343,490.00	\$] \$		\$] \$	343,490.00
b. Fringe Benefits		116,787.00]]	116,787.00
c. Travel		54,560.00								54,560.00
d. Equipment		0.00								0.00
e. Supplies		11,400.00								11,400.00
f. Contractual		427,960.00								427,960.00
g. Construction		0.00]					0.00
h. Other		0.00		238,550.00						238,550.00
i. Total Direct Charges (sum of 6a-6h)		954,197.00		238,550.00] \$	1,192,747.00
j. Indirect Charges] \$	
k. TOTALS (sum of 6i and 6j)	\$	954,197.00	\$	238,550.00] \$		\$		\$	1,192,747.00
7. Program Income	\$		\$		\$		\$] \$	

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SECTION C - NON-FEDERAL RESOURCES								
(a) Grant Program		(b) Applicant		(c) State		(d) Other Sources		(e)TOTALS
8. SLIGP	\$		\$	238,550.00	\$		\$	238,550.00
9.								
10.								
11.								
12. TOTAL (sum of lines 8-11)	\$		\$	238,550.00	\$		\$	238,550.00
SECTIO	N D	FORECASTED CASH	NE	EDS				
Total for 1st Year		1st Quarter		2nd Quarter		3rd Quarter	Ţ	4th Quarter
13. Federal \$	\$		\$		\$		\$	
14. Non-Federal \$								
15. TOTAL (sum of lines 13 and 14)	\$		\$		\$		\$	
SECTION E - BUDGET ESTIMATES OF	EDI	RAL FUNDS NEEDED	FOF	R BALANCE OF THE	PR	OJECT	1	
(a) Grant Program	T			FUTURE FUNDING I				
		(b)First		(c) Second		(d) Third	I	(e) Fourth
16. SLIGP	\$		\$[\$] \$	
17.								
18.								
19.								
20. TOTAL (sum of lines 16 - 19)			\$		\$		\$	
	F - 1	OTHER BUDGET INFOR	RMA	TION	1			
21. Direct Charges: 22. Indirect Charges:								
23. Remarks:					,			

In late June 2017, after FirstNet's release of the plan to leaders across the nation of what the National Public Safety Broadband Network (NPSBN) would look like and in coordination with the data collection and outreach with our local communities, Virginia saw a way forward. On July 10, 2017 Virginia was the first state to accept the FirstNet plan to deliver a wireless broadband network to the Commonwealth's public safety community. Virginia is committed to the success of building, operating, and maintaining a highly secure wireless broadband communications network for our public safety communities.

Governance

Virginia is comprised of 95 counties and 40 independent cities local government jurisdictions. All these jurisdictions are members of one of the seven RPAC-Is which have been and will continue to be relied heavily upon throughout the FirstNet project implementation process. In addition, representatives from the County Administrators, local Chief Information officers, and various Public Safety Associations serve on the SIGB.

The Statewide Interoperability Governance Body (SIGB) in Virginia; known as the Statewide Interoperability Executive Committee (SIEC), ensures that the Statewide Interoperability Communication Plan (SCIP) is stakeholder driven. The SIGB represents Virginia's seven Regional Preparedness Advisory Committees for Interoperability (RPAC-I), which serve as the basis from which all ideas, proposals, and guidance flows. The SIEC receives input from all stakeholders via the Statewide Interoperability Executive Committee Subcommittees which include Policy, Grants, and Operations. The SIEC provides all information gained to the Office of Public Safety and Homeland Security which houses the Office of Interoperable Communications led by the Statewide Interoperability Coordinator (SWIC), for this grant propose the State Point of Contact (SPOC).

Virginia's SIGB was the first one established in the nation, and serves as the model for the rest of the country's interoperability governance efforts. The state/local partnership fostered through our SIGB structures, which has its foundation in the RPAC-Is, has been in place for over ten years, and has enabled collaboration that has resulted in greatly improved communications capabilities, while preserving the jurisdictional sovereignty inherent in the Commonwealth.

To ensure interoperability planning and implementing the most efficient and effective means to use and integrate the infrastructure, equipment, and other architecture associated with the National Public Safety Broadband Network, efforts are closely coordinated with other important agencies in the Commonwealth, the SIGB also contains representatives from but not limited to:

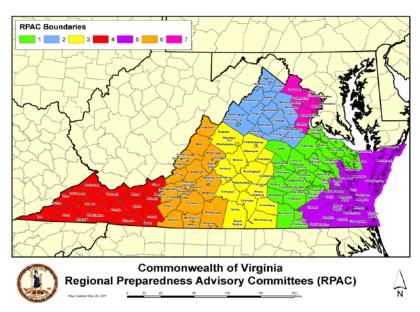
- The Virginia State Police (VSP)
- The Virginia Department of Emergency Management (VDEM)
- Virginia Information Technologies Agency (VITA)
- Virginia National Guard
- Virginia Department of Transportation (VDOT)
- Virginia Department of Health (VDH)
- Virginia's seven Regional Preparedness Advisory Committees-Interoperability
- Virginia Secretary of Technology

The existing SIGB is being expanded to included representation from the additional partners that will be required to implement public safety broadband. These include, but aren't limited to; Local and State Chief Information Officers, County Administrators, Department of Manpower and Budget, the Attorney General's Office, the E911 Service Board, the Homeland Security Working Group, Virginia Department of Emergency Management Regional Staff, Fire Chiefs, Sheriffs, and Chiefs of Police Associations.

To ensure that decisions are made and implemented in the most effective way, the SIGB works with the SWIC to manage interoperability in Virginia, including planning, training, and outreach. The initiatives and priorities laid out in the SCIP have the force of grant guidance, and all communications related grant requests must be reviewed by the SIGB and the SWIC to ensure that they support the initiatives and plans outlined in the SCIP. These authorities are documented in the Code of Virginia.

Virginia plans to continue much of the same staffing structure with SLIGP 2.0 as in SLIGP. Virginia has a full time Statewide Interoperability Coordinator who is a classified employee of the Commonwealth and serves as the chair of the SIGB. Virginia's SWIC has been designated as the State Point of Contact for FirstNet, and will be coordinating our public safety broadband efforts. Working within the SWIC's office is a program manager, business manager, and a support assistant. In addition there will be seven regional staff members (25% level of effort, six that will be expensed in this grant program) that will work with the SWIC at the regional level to provide education and outreach to Virginia's local communities. In addition, there will be contract or consulting activities to assist with planning and implementation.

The RPAC-Is divided geographically across Virginia. The chair of each region sits on the SIEC and works directly with the SWIC on communications issues. Additionally, all communications grant requests are vetted through the RPAC-I before being forwarded for consideration to the SIEC.



Initiatives for the grant

In coordination with the seven RPAC-Is the Virginia Department of Emergency Management's Regional Disaster Response and Recovery Officers will work with local governments within their respective region and report through the SIGB to accomplish the following activities:

- Increase the diversity of the RPAC-Is to include additional local stakeholders ensuring comprehensive outreach and decision making related to policies and procedures
- Data collection needs and planning activities identified by FirstNet in specific areas
- The development of policies and procedures to increase sharing of data between existing public safety systems using the NPSBN
- Planning activities for NPSBN transition to include emergency communications technology, plans, statewide contract vehicles, software, and databases
- Stakeholder outreach events for the continuation of planning for NPSBN implementation, as requested by FirstNet.

This work and outreach with the stakeholder will inform the SIEC on necessary updates to the Interoperability Statewide Plan. It is a Virginia code requirement that this plan be updated annually. The impact of this NPSBN/First Net implementation on this plan is significant and all governance structure, policies and standard operating procedures need to be revised accordingly.

As the RPAC-Is develop the policies and procedures governing the increased sharing of data as well as the emerging use of the emergency technology available through this program, the SIEC will need to fold those elements into the Interoperability Statewide Plan. This will position the Commonwealth of Virginia to have a synced plan and path forward from the state to local level for communications under the new umbrella.

The Statewide Interoperability Coordinator will conduct similar activities at the state level. This includes:

- Increase the diversity of the SIEC to include additional stakeholders ensuring comprehensive outreach and decision making related to policies and procedures
- Review and analyze all local /regional data collection needs and planning activities identified by FirstNet in specific areas
- Comprehensive review, analysis and incorporation into the statewide umbrella of communications policies and procedures designed to increase sharing of data between existing public safety systems using the NPSBN
- Ensure plans for NPSBN transition include emergency communications technology, plans, statewide contract vehicles, software, and databases and are thorough vetted by all levels of stakeholders as well as government entities across the appropriate the Governor's Cabinet members
- Ensure the delivery and coordination of all stakeholder outreach events for the continuation of planning for NPSBN implementation, as requested by FirstNet.

Overall Approach and Project Plan for Initiatives

In this section Virginia summarizes a high level approach, project plan and outcomes desired for each of the initiatives described above.

Initiative 1 - Increase the diversity of the SIEC to include additional stakeholders ensuring comprehensive outreach and decision making related to policies and procedures

When the SIEC was originally developed the audience was very technical and core to public safety. The membership has been local and state personnel with extensive communications experience drawing from the core disciplines of emergency management and fire programs. However, the reach of First Net is greater and therefore the governing body needs to be expanded to include new members.

Specific disciplines that need to be added to the SIEC membership include:

- Law Enforcement
- Public Health (including emergency medical services)
- Military

Through the addition of these disciplines, at both the SIEC and regional levels, the conversations and educated decisions about FirstNet will truly be able to incorporate their needs, impacts to existing systems/policies, and the development of a comprehensive plan to move forward.

Initial steps in the project plan include reaching out to the leadership of the various entities in the state representing the additional disciplines, requesting representation and setting up the first meeting (a re-orientation to the SIEC process). This is followed up by meeting with the new representatives, getting the entire committee to review and realign the governance structure and to identify personnel at the regional level to join the regional interoperability committees.

An outcome that will be measured includes the impact of the inclusion of these disciplines. The state coordinator will assess the changes to the governance structure, identification of existing systems/processes that will change under FirstNet and the cost to Virginia had these disciplines not been included up front in the process.

Initiative 2 - Review and analyze of all local /regional data collection needs and planning activities identified by FirstNet in specific areas

While an initial review of all local/regional data collection has begun, without the inclusion of the broader partners the collection is incomplete. As the partnerships at the state level (SIEC) are formed, the same inclusion will happen at the regional level. This includes conducting the following work:

 Include new partners on the Regional Preparedness Advisory Committee – Interoperability

- Present to the new members (and existing members) the data collection needs and planning activities conducted in the initial grant to discover the gaps
- Develop a plan to address data/planning gaps, gather the information and revise plans
- Submit revised plans to SIEC to be synced up with a statewide picture of both needs and plans

It is anticipated that some regions will identify issues that are specific to their region or specific to a portion of the region. This is critical information and will be helpful in understanding how to implement the tenants of FirstNet in both the large, metropolitan areas as well as rural communities.

For outcome measures the interoperability coordinator will track the changes in the data and plans – placing emphasis on a narrative analysis of these changes both for immediate use in the FirstNet process and for Virginia to consider as potentially new gaps to close.

Initiative 3 - Comprehensive review, analysis and incorporation into the statewide umbrella of communications policies and procedures designed to increase sharing of data between existing public safety systems using the NPSBN

Initiative 4 - Ensure plans for NPSBN transition include emergency communications technology, plans, statewide contract vehicles, software, and databases and are thorough vetted by all levels of stakeholders as well as government entities across the appropriate the Governor's Cabinet members

The outcomes of both initiatives will flow from the inclusion of new stakeholders and the reformatting of the state and regional governance system. Law enforcement and public health, while partners during an event, have often planned in a silo separate from emergency management. Public health has been actively sharing data for many years, but their entire network for communications has not been evaluated in light of the changes FirstNet will bring. Law enforcement participates to some degree with emergency management, but has systems that often do not talk with military or emergency management during the response.

This is the crux of the work that will be done by the state and regional groups. Data collection, analysis and governance/policy plans will completely change the landscape of how the larger stakeholder group will utilize the tools available through FirstNet and respond/recover in a more coordinated fashion.

While the project plan for the data collection has been described in the initiative above, it is this step that will bring it all to light and identify for the Commonwealth the true gaps that need to be addressed to ensure that public safety issues are properly handled. Note that this data collection is not going to change Virginia's stance on FirstNet and is not considered new data for the purpose of the grant. Instead it will help to further educate and set the expectations that stakeholders must understand when making a

purchase. This includes budgeting, capital expense and cost forecasting with an Advanced LTE Network or considerations that must be accounted for when supporting both an LMR and an LTE network.

This new path for Virginia assists with our ability to market the approach to our highest level of government, as we will have not only the facts and figures to make the case for support of these systems, but have local, regional and state level champions to assist in meeting with the appropriate legislative officials.

Initiative 5 - Ensure the delivery and coordination of all stakeholder outreach events for the continuation of planning for NPSBN implementation, as requested by FirstNet.

This final initiative is important as the Commonwealth moves forward with FirstNet. While we have held some initial outreach, but the time the stakeholder groups are expanded and we have increased decision making involvement from the local level through the elected official levels, it will be important to provide all stakeholders a baseline education that includes topics such as:

- The Basics of NPSBN
- Budgeting, Capital Expenses and the Cost of Ownership of an LTE Network
- The Future of Public Safety Communications
- Virginia Specific Plans and Expectations

Success will be measured through the evaluations of the participants examining what new information was learned and how they will use that information. At the end of the outreach programs the coordinator will assess all comments and revisit, along with the RPAC-I and SIEC, the overall plans.

State and Local Implementation Grant Program 2.0 Detailed Budget Narrative Commonwealth of Virginia

TOTALS

	Total Award	Increment 1	Increment 2 NTE
Federal:	<i>\$954,197</i>	\$360,324	\$593,873
Non-Federal:	\$238,550	\$90,081	\$148,469
Total:	\$1,192,746	\$450,405	\$742,342

Personnel: Total Amount \$343,490

	Increment I	Increment 2 NTE
Federal:	\$128,809	\$214,681
Non-Federal:	\$0	\$0
Increment Total:	\$128,809	\$214,681

See the Detailed Budget Spreadsheet for calculations

- Statewide Interoperability Program Manager (Federal \$105,000, Non-Federal \$0): The Program Manager is a full time employee (FTE) of the Commonwealth. This position is primarily responsible for assisting and coordinating through state, regional and local stakeholders with the identification, development, planning, and implementation of the most efficient resources to use and integrate the infrastructure, equipment, and other architecture associated with the nationwide public safety broadband network. The program manager will spend 50% of their time on SLIGP 2.0 Grant Activities for 2 years. The annual salary is \$105,000.
- Grant/Budget Specialist (Federal \$55,000, Non-Federal \$0):
 The Grant/Budget Specialist is a full time employee of the Commonwealth. This position is primarily responsible for the financial activities within the Secretary's Office for Homeland Security where the Interoperability Office resides. This position is the liaison to the Virginia Department of Emergency Management's Grants Office and ensures that all financial activities are within federal and state compliance. The grant specialist will spend 50% of their time on SLIGP 2.0 grant activities for 2 years. The annual salary is \$55,000.
- Disaster Response and Recovery Officers (Federal \$91,475, Non-Federal \$0) The Disaster Response Officers (DDRO) are Full time Virginia Department of Emergency Management personnel located across the regional offices of the state. These officers work directly with Public Safety stakeholders coordinating meetings, planning efforts and response methods. Throughout the SLIGP 2.0 performance period the 6 DDRO's

will commit 25% of their time to assisting with broadband education and outreach. They will work closely with the Interoperability Program Office to develop outreach initiatives, provide education to stakeholders within their regions and assist with ongoing data collections and planning necessary to prepare jurisdictions for broadband technology.

Fringe: Total Amount \$116,787

	Increment 1	Increment 2 NTE
Federal:	<i>\$43,795</i>	\$72,992
Non-Federal:	\$0	\$0
Increment Total:	<i>\$43,795</i>	\$72,992

See the Detailed Budget Spreadsheet for calculations

• Program Manager (Federal \$35,700, Non-Federal \$0):

Fringe is calculated at 34% of salary (\$90,000), for the portion of time spent on SLIGP 2.0 activities.

• Grant Manager (Federal \$18,700, Non-Federal \$0):

Fringe is calculated at 34% of salary (\$55,000), for the portion of time spent on SLIGP 2.0 activities.

• Disaster Response and Recovery Officers (Federal \$183,490, Non-Federal \$0):

Fringe is calculated at 34% of salary (\$55,000), for the portion of time spent on SLIGP 2.0 activities.

Travel: Total Amount \$54,560

	Increment 1	Increment 2 NTE
Federal:	\$20,460	\$34,100
Non-Federal:	\$0	<i>\$0</i>
Increment Total:	\$20,460	\$34,100

• In-State Employee Travel (Federal \$43,680, Non-Federal \$0):

Two employees, traveling an average of 7 trips per month at an average cost of \$130 per day totaling \$910 per month multiplied by 24 totals \$43,680. Calculations based on avg. government lodging rate of \$89 and meals & per diem \$41.

• Out of State Employee Travel (Federal \$10,800, Non-Federal \$0):

Out of state travel for regional and national meetings with FirstNet or other approved stakeholders. Two employees will travel to a total of 4 meetings. Total number of trips

is 8 at a cost of approximately \$1,360 including: \$800 round trip airfare, \$390 total lodging for two nights and estimated per diem of \$180 at \$60 a day for three days.

Equipment

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

There are no equipment costs anticipated during this grant.

Supplies: Total Amount \$11,400

	Increment 1	Increment 2 NTE
Federal:	\$ 6,775	\$4,625
Non-Federal:	\$0	\$0
Increment Total:	\$ 6 ,775	\$4,6,25

See the Detailed Budget Spreadsheet for calculations

• Meeting Supplies (Federal \$5,600, Non-Federal \$0):

Meeting supplies to include but are not limited to handouts, binders, memory sticks, estimated at \$700.00 x 8 quarters

• General Office Supplies (Federal \$1,800, Non-Federal \$0):

General Office supplies include but are not limited to copy paper, pens, binders, etc. The average estimate is \$75.00 per month over a period of 24 months for a total of \$1,800.

• Laptops (Federal \$4,000, 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 \$2,000

Contractual: Total Amount \$427,959

	Increment 1	Increment 2 NTE
Federal:	<i>\$160,485</i>	\$267,474
Non-Federal:	\$0	\$0
Increment Total:	\$160,485	\$267,474

See the Detailed Budget Spreadsheet for calculations

• Outreach Coordinator (Federal \$166,400, Non-Federal \$0):

Outreach Coordinator consultant will provide project management, collaborate with Regional personnel and other stakeholders to coordinate and provide education and outreach for the SLIGP 2.0 grant program. Responsibilities will include arranging meetings, facilitating date collection activities, developing and maintaining relationships

with statewide working groups.

• Program Support (Federal \$66,560, Non-Federal \$0):

Program Support consultant provides administrative support for the SLIGP 2.0 grant program. Duties include maintaining project files, reports, developing outreach calendar of events, disseminating information to stakeholders, and providing assistance during outreach events.

• Interoperability Conference Federal \$40,000, Non-Federal \$0):

Funding will be used to support the state's Annual APCO conference. This conference provides an opportunity for Public Safety stakeholders across Virginia to meet and train collectively on national and state communications objectives. The funds provided through the grant will be provided to continue the Public Safety Broadband track that has been added to the APCO conference list of priorities.

• Regional Technical Support (Federal \$155,000 Non-Federal \$0):

Consultant support in the form of a fixed contract procured utilizing the Commonwealths purchasing guidelines and policies. The technical support consultant will assist in the analysis of local/regional data collected, and provide assistance in developing content for regional outreach events.

Construction

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

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

program. Other: Total Amount \$238,550

	Increment 1	Increment 2 NTE
Federal:	\$0	\$0
Non-Federal:	\$90,081	\$148,469
Increment Total:	\$90,081	\$148,469

- Stakeholder Time (*Federal \$0*, *Non-Federal \$129,591*): Stakeholder time for attendance at 3 Public Safety Broadband Conferences. A total of 525 stakeholders (175 per event). Average of \$41.14/hr 175 Stakeholders for 3 6-hour large scale outreach events total 3,150 hours.
- Stakeholder Time (*Federal \$0*, *Non-Federal \$62,204*): Stakeholder time for attendance at regional governance meetings, stakeholder events and FirstNet or partner events. Average of \$41.14/hour. 18 stakeholders for 56 1.5-hour meetings for a total of 1,512 hours.
- Stakeholder Time (*Federal \$0*, *Non-Federal \$46*,755): Stakeholder time for attendance at Statewide Interoperability Executive Committee governance meetings. Average of \$41.14/hour. Approximately 35 stakeholders for 8 4-hour meetings for a total of 1,136 hours.

Virginia proposes an In-Kind Match for the SLIGP 2.0 grant in the form of donated stakeholder time and attendance to planning, education outreach events held by the Virginia Department of Emergency Management. All Virginia localities have designated a position to Emergency Management; this designation can be a fulltime dedicated role, or a dual role encompassed in a County/City Official. Virginia's geographical make up includes a diverse grouping of rural, suburban and metropolitan localities with equally contrasting economic rankings. Utilizing data obtained from the U.S. Bureau of Labor and Statistics we have determined the average hourly rate of an Emergency Management Professional in the State of Virginia ranges from \$30.77- \$51.51. To assign a fair rate to Emergency Management Professionals attending FirstNet planning, outreach and education events, we used an average of these to reach a rate of 41.14.

Indirect: Total Amount \$0

	Increment 1	Increment 2 NTE
Federal:	\$0	\$0
Non-Federal:	\$0	\$0
Increment Total:	\$0	<i>\$0</i>

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

Virginia Detailed Budget Worksheet

Category		iled Descrip (for full gra	otion of Budget ant period)		Incren	nent 1	Incre	ment 2		akdown of	Total Projec	ct Costs
a. Personnel	Quantity	Unit Cost	Total Cost		Federal	Non-Federal	Federal	Non-Federal	Federal	Non-Federal		
Statewide Interoperability Program Manager The SWIPM will spend 50% of their time on SLIGP grant activities for 2 years. The SWIPM annual salary is \$105,000. \$105,000 x 50% =	2	\$52,500	\$105,000		\$ 39,375		\$ 65,625		\$ 105,000	\$ -	\$	105,000
Grant Administrator. One Grant Administrator will spend 50% of their time on the SLIGP grant for 2 years. The Grant Administrators salary is \$55,000. \$55,000 x .50= \$27,500	2	\$27,500	\$55,000		\$ 20,625		\$ 34,375		\$ 55,000	\$ -	\$	55,000
Disaster Response and Recovery Officers 6 Regional offices will spend 25% of their time on the regional SLIGP outreach and education efforts	2	\$91,745	\$183,490		\$ 68,809		\$ 114,681		\$ 183,490		\$	183,490
Total Personnel			\$343,490		\$ 128,809	\$ -	\$ 214,681	\$ -	\$ 343,490	\$ -	\$	343,490
b. Fringe	Quantity	Unit Cost	Total Cost		Federal	Non-Federal	Federal	Non-Federal	Federal	Non-Federal		
Program Manager: Fringe is calculated at 34% of salary, for the portion of time spent on SLIGP 2.0 activities.	34%	\$105,000	\$ 35,700		\$ 13,388		\$ 22,313		\$ 35,700		\$	35,700
Grant Manager: Fringe is calculated at 34% of salary, for the portion of time spent on SLIGP 2.0 activities.	34%	\$ 55,000	\$ 18,700		\$ 7,013		\$ 11,688		\$ 18,700		\$	18,700
Disaster Response and Recovery Officers: Fringe is calculated at 34% of salary, for the portion of time spent on SLIGP 2.0 activities.	34%	\$183,490	\$ 62,387		\$ 23,395		\$ 38,992		\$ 62,387		\$	62,387
Total Fringe		, 22,	\$ 116,787		\$ 43,795		\$ 72,992		\$ 116,787		\$	116,787

c. Travel	Quantity	Unit Cost	Total Cost		Federal	Non-Federal	Federal	Non-Federal	F	ederal	No	on-Federal	
In-State: Working Group Meetings Avg of 2 individuals traveling at a minimum of 7 days per month at an average cost of \$130 per day. (\$910 x24 months = \$1,820)	24	\$ 1,820	\$ 43,680	\$	16,380		\$ 27,300		\$	43,680	\$	-	\$ 43,680
Out of state travel: Travel for Regional and National Meetings wth FirstNet. Two employees will travel to an average of 4 meetings. Total number of trips is 8 at a cost of approximately \$1370 including: \$800 round trip airfare, \$390 total lodging for two nights and estimated per diem of \$180 at \$60 a day for													
three days.	8	\$ 1,360	\$ 10,880	\$	4,080.00		\$ 6,800		\$	10,880	\$	-	\$ 10,880
Total Travel			\$ 54,560	\$	20,460	\$ -	\$ 34,100	\$ -	\$	54,560	\$	-	\$ 54,560
d. Equipment	Quantity	Unit Cost	Total Cost		Federal	Non-Federal	Federal	Non-Federal	F	ederal	No	on-Federal	
			\$ -		\$0				\$	-			
Total Equipment			\$ -		\$0	\$ -			\$	-			\$ -

e. Supplies	Quantity	Unit Cost	Total Cost			Federal	Non-Federal	Federal	Non-Federal	Federal	Non-Federal		
Meeting supplies to include but													
not limited to, handouts, binders, memory sticks, estimated at \$700 x 8 quarters	8	\$ 700	\$ 5,60	00	\$	2,100		\$ 3,500		\$ 5,600	\$ -	\$	5,600
General Office supplies, to include but not limited to copy		,	3,0		Ť			, ,,,,,,,		, ,,,,,,,,,		τ	3,000
paper,pens,binders, etc - average estimate \$75 per month	24	\$ 75	\$ 1,80	00	\$	675		\$ 1,125		\$ 1,800	\$ -	\$	1,800
Laptops, hardware, and initial start-up costs for 2 Laptops (\$1,800 each													
	2	\$ 2,000	\$ 4,00	00	\$	4,000		\$ -		\$ 4,000	\$ -	\$	4,000
Total Supplies			\$ 11,40	0	\$	6,775	\$ -	\$ 4,625.00	\$ -	\$ 11,400	\$ -	\$	11,400
f. Contractual	Quantity	Unit Cost	Total Cost			Federal	Non-Federal	Federal	Non-Federal	Federal	Non-Federal		
Public Safety Communications Outreach Coordinator	4160	\$ 40	\$ 166,400.	00	\$	62,400		\$ 104,000		\$ 166,400		\$	166,400
Program Admin Support	4160	\$ 16		_	\$	24,960		\$ 41,600		\$ 66,560	\$ -	\$	66,560
SLIGP funding will support the Virginia APCO/NENA conference. The funds will be provided to insert a track focusing on topics associated with Public Safety Broadband	2	\$ 20,000	\$ 40,00	00	\$	15,000		\$ 25,000		\$ 40,000		\$	40,000
Technical Support Consultant- in the form of a fixed contract that will be bidded utilizing the Commonwealths purchasing guidelines and policies	1	\$155,000	\$ 155,0	00	\$	58,125		\$ 96,875		\$ 155,000		\$	155,000
Total Contractual			\$427,959.50			\$160,484.81	\$0.00	\$267,474.69	\$0.00	\$427,959.50	\$0.00		\$427,959.50
g. Construction	Quantity	Unit Cost	Total Cost			Federal	Non-Federal	Federal	Non-Federal	Federal	Non-Federal	\$	427,960
			\$0							\$ -			
Total Construction			\$0			\$0	\$0			\$0		\$	-
h. Other	Quantity	Unit Cost	Total Cost			Federal	Non-Federal	Federal	Non-Federal	Federal	Non-Federal		
Stake holder time for 3 large scale outreach events with a total of 525 attendees Stakeholderand FirstNet or partner events. Average of \$41.14 /hour. 175 stakeholders for 3 6-hour meetings for a total													
of 3150	3150	\$41.14	\$129,59	1			\$48,597		\$80,994	\$0	\$129,591		\$129,591

Stakeholder time for attendance at regional governance meetings, stakeholder events and FirstNet or partner events. Average of \$41.14 hour. 18 stakeholders for 56 1.5 hour meetings for a total of 1008 hours.	1512	\$41.14		\$62,204				\$23,326		\$38,877		\$62,204	\$62,204
Stakeholder time for attendance at Statewide Interoperability Executive Committee governance meetings. Average of \$41.14 /hour. Approximately 35 stakeholders for 8 4-hour meetings for a total of 1,136.48 hours.	1136.48	\$41.14		\$46,754.93				\$18,158		\$28,597	\$0	\$46,755	\$46,754.98
Total Other	1100.10	Ψ		\$238,550		\$0		\$90,081		\$148,468.68			\$238,550
				4		Federal	No	n-Federal	Federal	Non-Federal	Federal	Non-Federal	, 53,533
Total Direct Charges	\top		\$	1,192,746	\$	360,324	\$	90,081	\$ 593,873	\$ 148,469	\$ 954,196	\$ 238,550	\$ 1,192,746
i. Indirect Costs	Quantity	Unit Cost	-	Total Cost		Federal	No	n-Federal	Federal	Non-Federal	Federal	Non-Federal	
	0%	\$ -	\$	-	\$	-	\$	-		\$ -	\$ -	\$ -	
Total Indirect			\$		\$	-	\$	-	\$ -	\$ -	\$ -	\$ -	\$ •
TOTALS				\$1,192,746		\$360,324		\$90,081	\$593,873	\$148,469	\$954,196	\$238,550	\$1,192,746

Match Proportion:	80.00%	20.00%	80.00%	20.00%	80.00%	20.00%
Goal:					80.00%	20.00%

OMB Number: 4040-0007 Expiration Date: 01/31/2019

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:

- 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.
- 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.
- 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.
- 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.
- 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.

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- 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).
- Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.

- 13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
- 14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
- 15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
- 16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
- 17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
- 18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.
- 19. Will comply with the requirements of Section 106(g) of the Trafficking Victims Protection Act (TVPA) of 2000, as amended (22 U.S.C. 7104) which prohibits grant award recipients or a sub-recipient from (1) Engaging in severe forms of trafficking in persons during the period of time that the award is in effect (2) Procuring a commercial sex act during the period of time that the award is in effect or (3) Using forced labor in the performance of the award or subawards under the award.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL	TITLE
Cheryl Adkins	State Coordinator
APPLICANT ORGANIZATION	DATE SUBMITTED
Virginia Department of Emergency Management	12/27/2017

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CERTIFICATION REGARDING LOBBYING

(REV 1-05)

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

LOBBYING

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

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

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

Statement for Loan Guarantees and Loan Insurance

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

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

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

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

* NAME OF APPLICAN	IT						
Virginia Departme	ent of Emergency Managemen	it					
* AWARD NUMBER	* AWARD NUMBER * PROJECT NAME						
2018-NTIA-SLIGP-2	2.0		Virginia SLI				
Prefix: * Fi	ïrst Name:		Mido	dle Name:			
Dr. Je	ffrey						
* Last Name:					Suffix:		
Stern							
* Title: State Coord	inator						
* SIGNATURE:				* DATE:			
Cheryl Adkins				12/27/2017			



Terence R. McAuliffe Governor

December 20, 2017

The Honorable Wilbur Ross U.S. Department of Commerce 1401 Constitution Avenue NW Washington, D.C. 20230

Dear Secretary Ross:

As Chief Executive Officer of the Commonwealth of Virginia, I designate the Virginia Department of Emergency Management (VDEM), as the administering agency of the Commonwealth of Virginia for the State and Local Implementation Grant Program 2.0. (CFDA) 11.549. This includes administration of funds that may be allocated to these programs through supplemental funding. VDEM has the authority to receive and expend grant funds on behalf of the Commonwealth and will be applying for funding through grants.gov.

I hereby appoint the Interoperability Coordinator for the Commonwealth of Virginia to serve as the state's designated point of contact for FirstNet. The duties of this position are currently being carried out by a government employee, the Deputy Secretary of Public Safety and Homeland Security, Curtis Brown, who may be contacted at curtis.brown@governor.virginia.gov.

Sincerely

Terence R. McAuliffe