Application for Federal Assistance SF-424						
* 1. Type of Submission:  Preapplication  Application  Changed/Corrected Application	* 2. Type of Application:       * If Revision, select appropriate letter(s):         New					
* 3. Date Received: 12/20/2017	4. Applicant Identifier:					
5a. Federal Entity Identifier:	5b. Federal Award Identifier:					
State Use Only:						
6. Date Received by State:	7. State Application Identifier:					
8. APPLICANT INFORMATION:						
* a. Legal Name: Commonwealth	of Kentucky, Finance Cabinet					
* b. Employer/Taxpayer Identification	Number (EIN/TIN):     * c. Organizational DUNS:       0046915510000					
d. Address:						
* Street1: 702 Capital Street2: * City: Frankfort County/Parish: * State: Province:	Ave, Room 195					
* Country:	USA: UNITED STATES					
* Zip / Postal Code: 40601-3448						
e. Organizational Unit:						
Department Name:	Division Name:					
f. Name and contact information of	f person to be contacted on matters involving this application:					
Prefix:     Mr.       Middle Name:	* First Name: Derek					
Title: Statewide Interoperat	ility Coordinator					
Organizational Affiliation: Commonwealth of Kentucky, Kentucky State Police						
* Telephone Number: 502-782-2	Fax Number:         502-227-8788					
* Email: derek.nesselrode@ky.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:
Commonwealth of Kentucky Public Safety Broadband Planning Grant SLIGP 2
Attach supporting documents as specified in agency instructions.
Add Attachments         Delete Attachments         View Attachments

1

Application for Federal Assistance SF-424						
16. Congressional Districts Of:						
* a. Applicant KY-6	* a. Applicant KY-6 * b. Program/Project KY-ALL					
Attach an additional list of Program/Project Congressional Di	stricts if needed.					
	Add Attachment         Delete Attachment         View Attachment					
17. Proposed Project:						
* a. Start Date: 03/01/2018	* b. End Date: 03/01/2020					
18. Estimated Funding (\$):						
* a. Federal 700,000.	00					
* b. Applicant 0.	00					
* c. State 175,000.	00					
* d. Local 0 .	00					
* e. Other 0 .	00					
* f. Program Income 0.	00					
* g. TOTAL 875,000.	00					
<ul> <li>b. Program is subject to E.O. 12372 but has not been selected by the State for review.</li> <li>c. Program is not covered by E.O. 12372.</li> <li>* 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)</li> <li>Yes No</li> <li>If "Yes", provide explanation and attach</li> <li>If "Yes", provide explanation and attach</li> <li>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)</li> <li>** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency</li> </ul>						
specific instructions. Authorized Representative:						
	First Name: Derek					
Middle Name:						
* Last Name: Nesselrode						
Suffix:						
* Title: KY Statewide Interoperability Coordinator						
* Telephone Number: 502-782-2064 Fax Number: 502-227-8788						
* Email: derek.nesselrode@ky.gov						
* Signature of Authorized Representative: Holly McDonald	* Date Signed: 12/20/2017					

#### **BUDGET INFORMATION - Non-Construction Programs**

	Grant Program Function or	Catalog of Federal Domestic Assistance	Estimated Unob	ligated Funds		Ne	ew or Revised Budget		
	Activity	Number	Federal	Non-Federal	Federal		Non-Federal		Total
<u> </u>	(a)	(b)	(c)	(d)	 (e)		(f)		(g)
1.	SLIGP 2	11.549	\$	\$	\$ 700,000.00	\$	175,000.00	\$	875,000.00
2.									
3.									
4.							[]		
5.	Totals		\$	\$	\$ 700,000.00	\$	175,000.00	\$[	875,000.00

SECTION A - BUDGET SUMMARY

Standard Form 424A (Rev. 7- 97)

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#### **SECTION B - BUDGET CATEGORIES**

6. Object Class Categories	Τ			GRANT PROGRAM, F	UN	ICTION OR ACTIVITY			Г	Total
	(1)		(2)		(3)		(4	<sup>()</sup>	]	(5)
		SLIGP 2		N/A						
a. Personnel	\$	0.00	\$	106,560.00	\$		\$		\$	106,560.00
b. Fringe Benefits		0.00		68,440.00						68,440.00
c. Travel		237,000.00		0.00						237,000.00
d. Equipment		0.00		0.00						0.00
e. Supplies		1,200.00		0.00						1,200.00
f. Contractual		406,600.00		0.00						406,600.00
g. Construction		0.00		0.00					ļ	0.00
h. Other		55,200.00		0.00						55,200.00
i. Total Direct Charges (sum of 6a-6h)		700,000.00		175,000.00					\$	875,000.00
j. Indirect Charges									\$	
k. TOTALS (sum of 6i and 6j)	\$	700,000.00	\$	175,000.00	\$		\$		\$	875,000.00
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 2		\$		\$	175,000.00	\$		\$	175,000.00
9.										
10.										
11.										
12.	TOTAL (sum of lines 8-11)		\$		\$	175,000.00	\$		\$	175,000.00
			D٠	FORECASTED CASH	NE	EDS			_	
		Total for 1st Year		1st Quarter	_	2nd Quarter	_	3rd Quarter		4th Quarter
13.	Federal	\$	\$		\$		\$		\$	
14.	Non-Federal	\$								
15. <sup>-</sup>	TOTAL (sum of lines 13 and 14)	\$	\$		\$		\$		\$	
	SECTION E - BUD	GET ESTIMATES OF FE	DE	RAL FUNDS NEEDED	FO	R BALANCE OF THE	PR	OJECT	<b>_</b>	
	(a) Grant Program					FUTURE FUNDING	PE	RIODS (YEARS)	_	
			_	(b)First	_	(c) Second	<u> </u>	(d) Third	╞	(e) Fourth
16.	SLIGP 2		\$		\$		\$		]\$	
17.							[		]	
18.									]	
19.							] [		]	
20.	TOTAL (sum of lines 16 - 19)		\$		\$		\$		]\$	
	SECTION F - OTHER BUDGET INFORMATION									
21.	21. Direct Charges: B75,000.00									
23.	23. Remarks:									

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# SLIGP 2.0 Commonwealth of Kentucky, Application Narrative

4 December, 2017



## **BACKGROUND AND INTRODUCTION**

Signed into law on February 22, 2012, the Middle-Class Tax Relief and Job Creation Act created the First Responder Network Authority (FirstNet). The law gives FirstNet the mission to build, operate and maintain the first high-speed, nationwide wireless broadband network dedicated to public safety. FirstNet is an independent authority within the U.S. Department of Commerce's National Telecommunications and Information Administration (NTIA). FirstNet was provided 20Mhz of the 700Mhz spectrum (Band 14) and \$7 Billion Dollars to construct the Nationwide Public Safety Broadband Network (NPSBN). The law, that established FirstNet, requires a percentage of rural coverage in the phased deployment/buildout of the network in each state. FirstNet entered into a public/private partnership on March 30th 2017 with the award of a 25-year contract to AT&T to build, operate, and maintain the NPSBN.

On July 10, 2017 Governor Matthew Bevin notified FirstNet of the Commonwealth of Kentucky's decision to participate in the deployment of the nationwide, interoperable broadband network as proposed in the FirstNet State Plan. This decision allows FirstNet/AT&T to offer NPSBN service to public safety in the state. FirstNet/AT&T are also responsible for building, operating, and maintaining the NPSBN within the Commonwealth of Kentucky.

The State & Local Implementation Grant Program (SLIGP) was awarded to each state to assist with preparing for the NPSBN being developed by FirstNet. The Kentucky SLIGP is managed by the Kentucky State Police. SLIGP 1.0 efforts are scheduled to be completed by February 2018. In March 2018 it is anticipated that NTIA will award SLIGP 2.0 funds to selected states that have met the application criteria. This new effort will focus more on outreach and adoption of the FirstNet/AT&T service by public safety within the Commonwealth of Kentucky.

Coverage is key to enabling our public safety to perform their mission and a life and safety issue for first responders and the public. The documentation and validation of coverage availability is needed to address user concerns. Applications critical to Kentucky's public safety need to be identified for incorporation onto the network. Devices and their usage, integration and management need to be identified and documented.

The major objectives for the implementation of the NPSBN within the Commonwealth of Kentucky are:

- ✓ Interoperability is enhanced within the state, with neighboring states, and nationwide as a result of the network.
- ✓ The network meets coverage, cost and other public safety requirements such as public safety grade network performance, applications and devices.
- ✓ Public Safety has the information it needs to make an informed decision so that it has the lifesaving communication tools it needs now and into the future.
- ✓ Incorporation of the NPSBN into the Tactics, Techniques, and Procedures (TTP) utilized by public safety.

## **SLIGP 2.0 ACTIVITIES**

- **1.** Single officer (or governmental body) and staff to, at a minimum, provide for ongoing coordination with NTIA and implementation of grant funds.
  - **KY SLIGP Team.** This team consists of highly competent members who have worked on the FirstNet project and with public safety for many years.
    - Derek Nesselrode is the designated FirstNet State Point of Contact (SPOC) and is the Statewide Interoperability Coordinator (SWIC). Mr. Nesselrode will provide oversight for the SLIGP grant, ensuring that all activities are completed on time and within budget. He also works with the Kentucky Wireless Interoperability Executive Committee (KWIEC) as well as NG9-1-1 efforts within the state.
    - Misty Moore is the Administrative Support Coordinator. This staff member provides support to the SWIC, SLIGP Project Manager and SLIGP Project Analyst including document preparation, processing travel documentation, record keeping, capturing meeting minutes and general administrative work.
    - Curtis Nail is the SLIGP Project Manager. This staff member manages the expenditure of grant funds in accordance with Federal and state laws, as well as the grant's requirements. He will assist the SPOC, SWIC, FirstNet, AT&T, and the Kentucky Wireless Interoperability Executive Committee in the adoption of the NPSBN in the Commonwealth of Kentucky.
    - (Vacant) is the SLIGP Project Analyst. This staff member will prepare grant expenditure reports and track match in accordance with Federal and state laws, as well as the grant's requirements. He/She will assist the SPOC, SWIC, FirstNet, AT&T, and the Kentucky Wireless Interoperability Executive Committee in the adoption of the NPSBN in the Commonwealth of Kentucky.
    - Kentucky State Police Finance. Assists in tracking funds charged to SLIGP and prepares reports to support the preparation of the Performance Progress Report (PPR).
    - Kentucky Finance. Assists in tracking funds charged to SLIGP and prepares reports to support the preparation of the Performance Progress Report (PPR), performs the draw of funds from the SLIGP account, and prepares and submits the SF425.

- 2. 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. 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. Planning activities to prepare for emergency communications technology transitions. Activities to identify and plan for the transition of public safety applications, software, and databases.
  - These efforts will require the coordinated efforts of the Kentucky Wireless Interoperability Executive Committee (KWIEC), KY SLIGP team, Public Safety Agencies, Public Safety Associations, FirstNet, and AT&T. The KY SLIGP team is dedicated to ensure that these efforts remain a high priority for all involved. The success of the NPSBN is vital to the safety and capability of our public safety and first responders. The involvement and knowledge of the Kentucky Wireless Interoperability Executive Committee (KWIEC) is paramount to the success of this endeavor. The outcome of this effort will assist public safety agencies in adopting the NPSBN and utilizing the network, applications and devices to the fullest extent.

The Kentucky Wireless Interoperability Executive Committee serves as the advisory board for all wireless communications strategies presented by agencies of the Commonwealth and local governments. The KWIEC has extensive experience overseeing the mobile data system deployment, acceptance of Kentucky's public safety mobile data standards and grant funded planning, training and outreach for our existing statewide public safety wireless voice and data network currently in use today. The coordinated efforts of participating state and local public safety agencies and the state CIO make it a logical group to take on this monumental endeavor. Regional expansion of the KWIEC Governance structure has helped bolster local support and provide a mechanism for outreach, education and data collection/sharing.

The KWIEC established the FirstNet/NG 9-1-1 Working Group on November 16<sup>th</sup>, 2017 to begin the task of developing the policies and procedures relating to the deployment and use of the NPSBN in the Commonwealth of Kentucky such as local network management tools, Identity, Credential and Access Management (ICAM), requesting deployable assets, elevating user priority, communications technology transitions, and the transition of public safety applications, software, and databases. The working group is chaired by the SWIC and is made up of technical subject matter experts in the wireless telecommunications field from Federal, State and Local Government First Responder Agencies. Since its inception the FirstNet/NG 9-1-1 Working Group has been scheduled to meet monthly and to provide status updates to the KWIEC at their quarterly meeting.

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

• The KY SLIGP team is prepared to collect and provide data as requested by FirstNet in order to achieve a high level of awareness and adoption of the NPSBN by public safety agencies with the state. The outcome of this effort will benefit both public safety and FirstNet/AT&T.

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

• The KY SLIGP team is already involved in assisting FirstNet/AT&T with the addition of rate plans on statewide contract vehicles. The KY SLIGP team will continue to support these efforts and the need to get this information to public safety. The outcome of this effort will greatly benefit public safety agencies by reducing the difficulty of acquiring NPSBN service and increase the adoption of the service.

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

• The KY SLIGP team will collect/document any issues/concerns regarding coverage needs/gaps within the state. Coverage gaps will be identified by purchasing wireless coverage data analytics from independent private sector firms as necessary. Once a coverage gap has been identified and coverage is projected within an IOC period that has already occurred the KY SLIGP team will obtain assistance from a qualified contractor to perform drive testing. This entire process will be coordinated with the KWEIC, FirstNet and AT&T. The outcome of this effort will be the validation of coverage gaps where they exist and the ability for FirstNet/AT&T to be informed and address these issues.

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

The adoption of FirstNet service by public safety will utilize several different methods for reaching state, regional, county and local public safety users. This outreach includes regional workshops, in-person meetings, and attendance at association conferences to connect and engage with as many stakeholders as possible as well as a continued social media presence including Website, Facebook & Twitter. This will also require the scheduling and rental of meeting facilities, conference booth rental, travel, and the attendance of conferences outside the state. The incorporation of the NPSBN into the Tactics, Techniques, and Procedures (TTP) utilized by public safety is an integral part of the adoption and utilization of this new network. The participation of FirstNet/AT&T personnel and equipment in events, state communications exercises, and regional communications exercises is critical to the development of TTPs for public safety.

The KY SLIGP team has provided a draft outreach plan to our FirstNet regional coordinator to facilitate the planning and implementation of outreach within the state. The outcome of this effort will improve adoption of the NPSBN and ensure public safety has the information it needs to make an informed decision. The following are activities that have been proposed for outreach;

- Conduct a regional outreach session for each of our Emergency Management regions.
- Attendance at Kentucky Public Safety Association Conferences. (Examples: KENA-APCO, League of Cities, Emergency Services, Chiefs of Police, Fire Chiefs, Sheriffs, Firefighters, and others.)
- Continued Social Media outreach.
- Participation in events and exercises.

#### Kentucky SLIGP 2.0 Budget Narrative

Totals

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

#### Personnel: Total Amount \$106,560

	Increment 1	Increment 2 NTE
Federal:	\$ <b>0</b>	\$ <i>0</i>
Non-Federal:	\$39,960	\$66,600
Increment Total:	\$39,960	\$66,600

See the Detailed Budget Spreadsheet for calculations

- SWIC (Federal \$0, Non-Federal \$14,560): The SWIC will provide oversight for the SLIGP grant, ensuring that all activities are completed on time and within budget. The SWIC will be the primary point of contact for consultation with FirstNet, and will work to expand the State's governance structure. The budgeted costs (13% time) are only for the duties associated with public safety broadband and the SLIGP grant, not the additional land mobile radio and general interoperable communication duties of the SWIC.
- Administrative Support Coordinator (Federal \$0, Non-Federal \$92,000): This person will provide administrative support to the SWIC, Project Manager and Project Analyst including document preparation, processing travel documentation, record keeping, capturing meeting minutes and general administrative work. He/She will spend 100% of their time on SLIGP grant activities. 100% of this employee's salary will be provided as an in-kind match. The source of this match is the State's general fund and is not from another Federal source.

#### Fringe: Total Amount \$68,440

	Increment 1	Increment 2 NTE
Federal:	\$ <b>0</b>	\$O
Non-Federal:	\$22,540	\$45,900
Increment Total:	\$22,540	\$45,900

See the Detailed Budget Spreadsheet for calculations

- SWIC (Federal \$0, Non-Federal \$10,192): Benefits include FICA, unemployment, medical and retirement. Fringe is calculated at 70% of salary, for the portion of time spent on SLIGP 2.0 activities. This expense will be provided as an in-kind match from the State's general fund, and is not from another Federal source.
- Administrative Support Coordinator (Federal \$0, Non-Federal \$58,248): Benefits include FICA, unemployment, medical and retirement. Fringe is calculated at 70% of salary, for the portion of time spent on SLIGP 2.0 activities. \$92,000x.7 = \$64,400, only \$58,248 needed for match. Increment 1 = \$24,150, only \$18,718 needed for match. Increment 2 = \$40,250, only \$39,530 needed for match. This expense will be provided as an in-kind match from the State's general fund, and is not from another Federal source.

#### Travel: Total Amount \$237,000

	Increment 1	Increment 2 NTE
Federal:	\$88,875	\$148,125
Non-Federal:	\$ <i>0</i>	\$ <i>0</i>
Increment Total:	\$88,875	\$148,125

See the Detailed Budget Spreadsheet for calculations

- In-State Travel (Federal \$69,000, Non-Federal \$0): EMA Regional Area meetings, Association Conferences, Statewide COMEX, and Local events. Three employees will travel to a total of 50 meetings. Total number of trips is 150 at a cost of approximately \$460 including; Lodging of \$170 a night for 2 nights and per diem of \$40.00 a day for three days.
- Out of state travel (Federal \$168,000, Non-Federal \$0): Regional and national meetings with FirstNet or other approved stakeholders. Ten employees will travel to a total of 8 meetings. Total number of trips is 80 at a cost of approximately \$2,100 including: \$800 round trip airfare, \$900 total lodging for four nights, estimated per diem of \$200 at \$50 a day for four days and travel expenses i.e. taxi, luggage fees, parking \$200.

### **Equipment: Total Amount \$0**

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

No equipment costs for this grant program.

### Supplies: Total Amount \$1,200

	Increment 1	Increment 2 NTE
Federal:	\$450	\$750
Non-Federal:	\$O	\$ <b>0</b>
Increment Total:	\$450	\$750

See the Detailed Budget Spreadsheet for calculations

• General Office Supplies (Federal \$1,200, Non-Federal \$0): to include but not limited to copy paper, pens, binders, etc. - average estimate \$50.00 per month

#### Contractual: Total Amount \$406,600

	Increment 1	Increment 2 NTE
Federal:	\$152,475	\$254,125
Non-Federal:	\$O	\$ <b>0</b>
Increment Total:	\$152,475	\$254,125

See the Detailed Budget Spreadsheet for calculations

- Project Manager (Federal \$183,300, Non-Federal \$0), One project manager will spend 100% of their time on the project for 2 years. This staff members annual salary is paid at a rate of \$39/hour for 4700 hours of work. This staff member will manage the expenditure of grant funds in accordance with Federal and state laws, as well as the grant's requirements. He/She will assist the SPOC, SWIC, FirstNet, AT&T, and the Kentucky Wireless Interoperability Executive Committee in the adoption of the NPSBN in the Commonwealth of Kentucky.
- Project Analyst (Federal \$183,300, Non-Federal \$0), One project analyst will spend 100% of their time on the project for 2 years. This staff members annual salary is paid at a rate of \$39/hour for 4700 hours of work. This staff member will prepare grant expenditure reports and track match in accordance with Federal and state laws, as well as the grant's requirements. He/She will assist the SPOC, SWIC, FirstNet, AT&T, and the Kentucky Wireless Interoperability Executive Committee in the adoption of the NPSBN in the Commonwealth of Kentucky.
- Contractor/Consultant (Federal \$40,000, Non-Federal \$0), As approved to verify & validate coverage gaps within the state where coverage is claimed to exist. 320 hrs. for 2 years; average hourly rate is \$125

#### **Construction: Total Amount \$0**

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

No construction costs for this grant program.

#### Other: Total Amount \$55,200

	Increment 1	Increment 2 NTE
Federal:	\$8,200	\$47,000
Non-Federal:	\$O	\$ <i>0</i>
Increment Total:	\$8,200	\$47,000

See the Detailed Budget Spreadsheet for calculations

- Meals for meeting participants (**Federal \$45,600, Non-Federal \$0**): Breakfast and Lunch will be provided to those who attend regional meetings and workshops. We anticipate the meetings and workshops to be an entire business day (7:30-4:30).
- Meeting Facilities (Federal \$9,600, Non-Federal \$0): The State will need to obtain meeting facilities to conduct regional workshops and meetings with local first responders and stakeholders.

#### Indirect: Total Amount \$0

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

No indirect costs for this grant program.

Category		Description o full grant peri	-	Incre	ment	1	Incre	men	t 2	Total Breakdown of Costs			Tot	al Project Costs	
a. Personnel	Quantity	Unit Cost	Total Cost	Federal	Non	-Federal	Federal	No	n-Federal	I	Federal	No	n-Federal		
SWIC: The SWIC will spend 13% of their time on SLIGP 2.0 Grant Activities for 2 years. The annual salary is \$56,000.	2	\$7,280	\$14,560		\$	5,460		\$	9,100	\$	_	\$	14,560	\$	14,560
Administrative Support Coordinator: The administrative support coordinator will spend 100% of their time on SLIGP 2.0 grant activities for 2 years. The annual salary is \$46,000.	2	\$46,000	\$92,000		\$	34,500		\$	57,500	\$	_	\$	92,000	\$	92,000
Total Personnel			\$106,560	\$-	\$	39,960	\$-	\$	66,600	\$	-	\$	106,560	\$	106,560
b. Fringe	Quantity	Unit Cost	Total Cost	Federal	Non	-Federal	Federal	No	n-Federal	I	Federal	No	n-Federal		
SWIC: Fringe is calculated at 70% of salary, for the portion of time spent on SLIGP 2.0 activities.	70%	\$ 14,560	\$ 10,192		\$	3,822		\$	6,370	\$	-	\$	10,192	\$	10,192
Administrative Support Coordinator: Fringe is calculated at 70% of salary, for the portion of time spent on SLIGP 2.0 activities. \$92,000x.7 = \$64,400, only \$58,248 needed for match. Increment 1 = \$24,150, only \$18,718 needed for match. Increment 2 = \$40,250, only \$39,530 needed for match.	70%	\$ 92,000	\$ 58,248		\$	18,718		\$	39,530	\$	-	\$	58,248	\$	58,248
Total Fringe			\$ 68,440	\$-	\$	22,540	\$-	\$	45,900	\$	-	\$	68,440	\$	68,440

The SLIGP 2.0 NOFO is the official competition document.

Nothing in this document or other supplemental materials is intended to conflict with or supersede the NOFO in any way.

Any perceived conflict must be resolved by reference to the NOFO.

c. Travel	Quantity	Unit Cost	Total Cost	Federal	Non-Federal	Federal	Non-Federal	Federal	Non-Federal	
In-State Travel: EMA Regional Area meetings, Association Conferences, Statewide COMEX, and Local events. Three employees will travel to a total of 50 meetings. Total number of trips is 150 at a cost of approximately \$460 including; Lodging of \$170 a night for 2 nights and per diem of \$40.00 a day for three days.	150	\$ 460	\$ 69,000	\$ 25,875		\$ 43,125		\$ 69,000	\$-	\$ 69,000
Out of state travel: Regional and national meetings with FirstNet or other approved stakeholders. Ten employees will travel to a total of 8 meetings. Total number of trips is 80 at a cost of approximately \$2,100 including: \$800 round trip airfare, \$900 total lodging for four nights, estimated per diem of \$200 at \$50 a day for four days and travel expenses i.e. taxi, luggage fees, parking \$200.	80	\$ 2,100	\$ 168,000	\$ 63,000.00		\$ 105,000		\$ 168,000	\$ -	\$ 168,000
Total Travel	80	φ 2,100	\$ 188,000 \$ 237,000	\$ 03,000.00 \$ 88,875	\$-	\$ 105,000 \$ 148,125	\$-	\$ 108,000 \$ 237,000	φ - \$ -	\$ 188,000 \$ 237,000
d. Equipment	Quantity	Unit Cost	Total Cost	Federal	♥ Non-Federal	Federal	♥ Non-Federal	Federal	♥ Non-Federal	φ 201,000
			\$ -			. cucru		\$ -		
Total Equipment			\$ -	\$0	\$-			\$-		\$-
e. Supplies	Quantity	Unit Cost	Total Cost	Federal	Non-Federal	Federal	Non-Federal	Federal	Non-Federal	
General Office Supplies, to include but not limited to copy paper, pens, binders, etc average estimate \$50.00 per month	24	\$ 50	\$ 1,200	\$ 450		\$ 750		\$ 1,200	\$-	\$ 1,200
Total Supplies			\$ 1,200	\$ 450	\$-	\$ 750.00	\$-	\$ 1,200	\$-	\$ 1,200

f. Contractual	Quantity	Unit Cost	Total Cost	Federal	Non-Federal	F	Federal	Non-Federal	Federal	Nor	n-Federal	
Project Manager, One project manager will spend 100% of their time on the project for 2 years. This staff members annual salary is paid at a rate of \$39/hour for 4700 hours of work.	4700	\$ 39	\$ 183,300	\$ 68,738		\$	114,563		\$ 183,300	\$	-	\$ 183,300
Project Analyst, One project analyst will spend 100% of their time on the project for 2 years. This staff members annual salary is paid at a rate of \$39/hour for 4700 hours of work.	4700	\$ 39	\$ 183,300	\$ 68,738		\$	114,563		\$ 183,300	\$	_	\$ 183,300
Contractor/Consultant, As approved to verify & validate coverage gaps within the state where coverage is claimed to exist. 320 hrs. for 2 years; average hourly rate is \$125	320	\$ 125	\$ 40,000	\$ 15,000		\$	25,000		\$ 40,000	\$	_	\$ 40,000
Total Contractual			\$ 406,600	\$ 152,475	\$-	\$	254,125	\$-	\$ 406,600	\$	-	\$ 406,600
g. Construction	Quantity	Unit Cost	Total Cost	Federal	Non-Federal	F	Federal	Non-Federal	Federal	Nor	n-Federal	
			\$0						\$ -			
Total Construction			\$0	\$0	\$0				\$0			\$ -
h. Other	Quantity	Unit Cost	Total Cost	Federal	Non-Federal	F	Federal	Non-Federal	Federal	Nor	n-Federal	
Provide meals for 30 people attending 20 local outreach events per year for 2 years; \$13 per per person breakfast, \$25 per person lunch/\$38 per person.	1200	\$38.00	\$45,600	\$6,400			\$39,200		\$45,600			\$45,600
Workshop / Meeting Facilities for local outreach events for 8 local meetings per year for 2 years that will accommodate up to 50 participants/\$600	16	\$600.00	\$9,600	\$1,800			\$7,800		\$9,600			\$9,600
Total Other			\$55,200	\$8,200	\$0	1	\$47,000	\$0	\$55,200		\$0	\$55,200
				Federal	Non-Federal	F	Federal	Non-Federal	Federal	Nor	n-Federal	
Total Direct Charges			\$ 875,000	\$ 250,000	\$ 62,500	\$	450,000	\$ 112,500	\$ 700,000	\$	175,000	\$ 875,000
i. Indirect Costs	Quantity	Unit Cost	Total Cost	Federal	Non-Federal	F	Federal	Non-Federal	Federal	Nor	n-Federal	
			\$-	\$ -	\$-			\$-	\$ -	\$	-	
Total Indirect			\$-	\$ -	\$-	\$	-	\$-	\$ -	\$	-	\$ -
							· · · · · · · · · · · · · · · · · · ·			<u> </u>		

Match Proportio	80%	20%	80%	20%	80%	20%
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.
- 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.
- 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).
- 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 guality 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.

- 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."
- 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
Holly McDonald	KY Statewide Interoperability Coordinator
APPLICANT ORGANIZATION	DATE SUBMITTED
Commonwealth of Kentucky, Finance Cabinet	12/20/2017

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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 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 APPL	CANT							
Commonwealth o	of Kentucky, Finance Cabinet							
* AWARD NUMBE	R	* PROJECT NAME						
2018-NTIA-SLIC	GP-2	Commonwaelth of Kentucky Public Safety Broadband Planning Gr						
Prefix:	* First Name:	Middle Name:						
Mr.	Derek							
* Last Name:			Suffix:					
Nesselrode								
* Title: KY State	wide Interoperability Coordinator							
* SIGNATURE:		* DATE:						
Holly McDonald		12/20/2017						



COMMONWEALTH OF KENTUCKY OFFICE OF THE GOVERNOR

MATTHEW G. BEVIN GOVERNOR 700 CAPITOL, AVENUE SUITE 100 FRANKFORT, KY 40601 (502) 564-2611 FAX; (502) 564-2517

December 20, 2017

Michael Dame National Telecommunications and Information Administration US Department of Commerce 1401 Constitution Ave., NW, Ste. 4897 Washington, DC 20230

Re: Letter of Designation for Public Safety Broadband State and Local Implementation Grant Program, SLIGP 2.0

Dear Mr. Dame:

This letter serves as notice to reaffirm the existing governance and management structure of the Commonwealth of Kentucky public safety broadband, state and local implementation grant program (SLIGP 2.0). The Kentucky Wireless Interoperability Executive Committee will continue to serve as our states governing body for all public safety voice and data oversight. The Commonwealth of Kentucky Finance Cabinet will continue to have administrative oversight of the SLIGP grant and the statewide interoperability coordinator, Derek Nesselrode will continue to serve as the state single point of contact for FirstNet and the SLIGP program.

Sincerely,

Matthew G. Bevin Governor

